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April 16, 2021

Mark D. Marini, Secretary
Department of Public Utilities
One South Station, 5th Floor
Boston, MA 02110

Re: Bay State Gas Company d/b/a Columbia Gas of Massachusetts - Annual Return for
Partial Year Ending 10-8-20

Dear Secretary Marini:

Enclosed is the Annual Return of Bay State Gas Company d/b/a Columbia Gas of Massachusetts (the "Company") for the partial year ended October 8, 2020.¹ The Company's Annual Return is submitted pursuant to G.L. c. 164, § 83 and the Memorandum issued by the Department on August 18, 2011, as clarified on February 14, 2014 and January 21, 2020. The Annual Return includes the signed Statement of Operating Revenues required by the Memorandum. A check in the amount of the filing fee is being provided under separate cover.

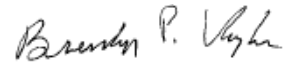
Pursuant to 220 C.M.R. § 79.01, the Company has enclosed copies of the most recent Integrated Annual Report to Stockholders of NiSource Inc. (for CY 2019) and the NiSource Inc. Form 10-K, submitted to the Securities Exchange Commission on February 17, 2021.

Please note that pursuant to the Department's April 1, 2020 Memorandum regarding the suspension of filing paper copies of documents due to the state of emergency surrounding the novel coronavirus, the Company is submitting its 2020 Annual Return electronically only at this time. The Company will retain the original paper copy, and will file the original paper copy with the Department at such time as the Department is once again accepting paper copies.

¹ On October 7, 2020, the Department of Public Utilities (the "Department") approved the sale of the business of the Company to Eversource Energy. The closing on that sale occurred on October 9, 2020. Following closing of the sale, Eversource Gas Company of Massachusetts d/b/a Eversource began serving customers in the Company's former service territory and operating the Company's former facilities. Consistent with Department precedent, the Company is providing this Annual Return for the partial year ended October 8, 2020.

Thank you for your attention to this matter. If you have any questions with respect to this filing, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Brendan P. Vaughan". The signature is written in a cursive, slightly slanted style.

Brendan P. Vaughan, Esq.

cc: George Yiankos, Director, Natural Gas Division
Emily Luksha, Director, Rates and Revenue Requirements Division
Nathan Forster, Esq., Office of the Attorney General
Kimberly S. Cuccia, Esq. –Vice President and Deputy General Counsel, NiSource, Inc.

GAS COMPANIES

The Commonwealth of Massachusetts

RETURN

OF THE

**BAY STATE GAS COMPANY d/b/a
COLUMBIA GAS OF MASSACHUSETTS**

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

FOR THE PARTIAL YEAR ENDED OCTOBER 8,

2020

DEPARTMENT OF PUBLIC UTILITIES

This statement is filed in accordance with Chapter 164, Section 84A

CONDENSED FINANCIAL RETURN

For Partial Year ended October 8, 2020

FULL NAME OF COMPANY Bay State Gas Company d/b/a Columbia Gas of Massachusetts

LOCATION OF PRINCIPAL BUSINESS OFFICE 801 E. 86th Avenue, Merrillville, IN 46410

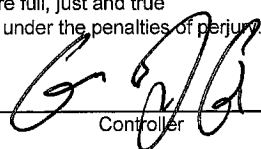
STATEMENT OF INCOME FOR THE YEAR

Item	Current Year	Increase or (Decrease) from Preceding Year
OPERATING INCOME		
Operating Revenues.....	365,788,392	(207,340,163)
Operating Expenses.....		
Operation Expense.....	300,049,906	(186,605,946)
Maintenance Expense.....	17,979,537	340,680,458
Depreciation Expense.....	42,417,991	(10,404,228)
Amortization of Utility Plant.....	3,360,089	(11,269,687)
Amortization of Property Losses.....	0	0
Amortization of Investment Tax Credit.....	0	0
Taxes other than Income Taxes.....	29,581,665	(19,916,399)
Income Taxes.....	0	(71,392,447)
Provisions for Deferred Federal Income Taxes.....	34,735,293	(79,255,662)
Federal Income Taxes Deferred In Prior Years.....	(50,510,152)	83,056,964
Total Operating Expenses.....	377,614,329	44,893,053
Net Operating Revenues.....	(11,825,937)	(252,233,216)
Income from Utility Plant Leased to Others.....	0	0
Other Utility Operating Income.....	0	0
Total Utility Operating Income.....	(11,825,937)	(252,233,216)
OTHER INCOME		
Income (Loss) from Mdse. Jobbing & Contract Work - After Taxes	0	0
Income from Nonutility Operations - After Taxes	0	0
Nonoperating Rental Income - After Taxes	0	0
Interest and Dividend Income - After Taxes	1,376,005	(428,229)
Miscellaneous Nonoperating Income + Earnings of Subsidiaries - After Taxes	2,996,565	152,296,539
Total Other Income.....	4,372,570	151,868,310
Total Income.....	(7,453,367)	(100,364,906)
MISCELLANEOUS INCOME DEDUCTIONS		
Miscellaneous Amortization.....	0	0
Other Income Deductions - After Taxes	12,106,125	(41,384,749)
Total Income Deductions.....	12,106,125	(41,384,749)
Income Before Interest Charges.....	(19,559,492)	(58,980,157)
INTEREST CHARGES		
Interest on Long-Term Debt.....	1,829,885	(691,115)
Amortization of Debt Discount and Expense.....	213,048	(116,568)
Amortization of Premium on Debt-Credit.....	0	0
Interest on Debt to Associated Companies.....	16,243,079	(23,719,965)
Other Interest Expense.....	312,352	(332,385)
Interest Charged to Construction-Credit.....	(271,986)	219,546
Total Interest Charges.....	18,326,378	(24,640,487)
Net Income.....	(37,885,870)	(34,339,670)

Note The financial information presented herein contains restoration costs associated with the Merrimack Valley event that occurred on September 13, 2018.

BALANCE SHEET			
Title of Account	Balance End of Year	Title of Account	Balance End of Year
UTILITY PLANT		PROPRIETARY CAPITAL	
Utility Plant.....	\$ 2,591,004,754	CAPITAL STOCK	
OTHER PROPERTY		Common Stock Issued.....	\$ 100
AND INVESTMENTS		Preferred Stock Issued.....	0
Nonutility Property.....	226,850	Capital Stock Subscribed.....	0
Investment in Associated Companies.....	0	Premium on Capital Stock.....	411,771,866
Other Investments.....	0	Total.....	411,771,966
Special Funds.....	1,200,972	SURPLUS	
Total Other Property and Investments	1,427,822	Other Paid-In Capital.....	184,597,121
CURRENT AND ACCRUED ASSETS		OCI Deficit.....	0
Cash.....	956,462	Earned Surplus	(527,143,876)
Special Deposits.....	0	Total.....	(342,546,755)
Working Funds.....	1,200	Total Proprietary Capital.....	69,225,211
Temporary Cash Investments.....	0	LONG-TERM DEBT	
Notes and Accounts Receivable.....	65,299,190	Bonds.....	0
Receivables from Associated Co.....	505,735	Capital-Lease Obligations.....	54,115,857
Materials and Supplies.....	14,791,816	Other Long-Term Debt.....	324,400,000
Prepayments.....	2,639,123	Total Long-Term Debt	378,515,857
Interest and Dividends Receivable.....	0	CURRENT AND ACCRUED	
Rents Receivable.....	0	LIABILITIES	
Accrued Utility Revenues.....	8,902,850	Notes Payable.....	0
Miscellaneous Current and Accrued Assets	0	Accounts Payable.....	35,931,504
Def. Fuel Costs.....	11,030,764	Payables to Associated Companies.....	1,052,697,667
Total Current and Accrued Assets.....	104,127,140	Customer Deposits.....	3,013,204
DEFERRED DEBITS		Taxes Accrued.....	35,301,411
Unamortized Debt Discount Expense	613,613	Interest Accrued.....	281,889
Extraordinary Property Losses.....	0	Dividends Declared.....	0
Preliminary Survey and Investigation		Fuel Purchase Commitments.....	0
Charges.....	2,695,809	Capital Leases	3,664,251
Clearing Accounts.....	109,679	Tax Collections Payable.....	0
Temporary Facilities.....	0	Misc. Current and Accrued Liabilities.....	46,002,414
Miscellaneous Deferred Debits.....	164,673,826	Total Current and Accrued Liabilities.....	1,176,892,340
Total Deferred Debits.....	168,092,927	DEFERRED CREDITS	
CAPITAL STOCK DISCOUNT		Unamortized Premium on Debt.....	0
AND EXPENSE		Customer Advances for Construction.....	6,505
Discount on Capital Stock.....	0	Other Deferred Credits.....	142,595,208
Capital Stock Expense.....	0	Total Deferred Credits.....	142,601,713
Total Capital Stock Discount and Exp.	0	RESERVES	
REACQUIRED SECURITIES		Reserves for Depreciation.....	631,874,124
Reacquired Capital Stock.....	0	Reserves for Amortization.....	462,294,806
Reacquired Bonds.....	0	Reserves for Uncollectible Accounts.....	14,119,146
Total Reacquired Securities.....	0	Operating Reserves.....	15,556,968
Total Assets and Other Debits.....	\$ 2,864,652,643	Reserve for Depreciation and Amort- ization of Nonutility Property.....	192,134
		Reserves for Deferred Federal Income Taxes.....	(35,503,176)
		Total Reserves.....	1,088,534,002
		CONTRIBUTIONS IN AID	
		OF CONSTRUCTION	
		Contributions in Aid of Construction.....	8,883,520
		Total Liabilities and Other Credits.....	\$ 2,864,652,643

STATEMENT OF EARNED SURPLUS			
	Amount for Year	Increase or (Decrease) from Preceding Year	
Unappropriated Earned Surplus (at beginning of period)	\$ (489,258,006)	\$	(3,546,200)
Balance Transferred from Income.....	(37,885,870)		(34,339,670)
Miscellaneous Credits to Surplus.....	0		0
Miscellaneous Credits to Surplus.....	0		0
Miscellaneous Credits to Surplus.....	0		0
Miscellaneous Credits to Surplus.....	0		0
Miscellaneous Credits to Surplus.....	0		0
Miscellaneous Credits to Surplus.....	0		0
Net Additions to Earned Surplus.....	(37,885,870)		(34,339,670)
Dividends Declared-Preferred Stock.....	0		0
Appropriations of Surplus for Common Stock Rights.....	0		0
Dividends Declared-Common Stock.....			0
Unappropriated Earned Surplus (at end of period).....	\$ (527,143,876)	\$	(37,885,870)
ELECTRIC OPERATING REVENUES			
Account	Operating Revenues		
	Amount for Year	Increase or (Decrease) from Preceding Year	
SALES OF ELECTRICITY	\$	\$	
Residential Sales.....			
Commercial and Industrial Sales.....			
Small (or Commercial).....			
Large (or Industrial).....			
Public Street and Highway Lighting.....			
Other Sales to Public Authorities.....			
Sales to Railroad and Railways.....			
Interdepartmental Sales.....			
Miscellaneous Electric Sales.....			
Total Sales to Ultimate Consumers.....			
Sales for Resale.....			
Total Sales of Electricity.....			
OTHER OPERATING REVENUES			
Forfeited Discounts.....			
Miscellaneous Service Revenues.....			
Sales of Water and Water Power.....			
Rent from Electric Property.....			
Interdepartmental Rents.....			
Other Electric Revenues.....			
Total Other Operating Revenues.....			
Total Electric Operating Revenues.....			
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
Functional Classification	Operation	Maintenance	Total
Power Production Expenses.....	\$	\$	\$
Electric Generation			
Steam Power.....			
Nuclear Power.....			
Hydraulic Power.....			
Other Power.....			
Other Power Supply Expenses.....			
Total Power Production Expenses.....			
Transmission Expenses.....			
Distribution Expenses.....			
Customer Accounts Expenses.....			
Sales Expenses.....			
Administrative and General Expenses.....			
Total Electric Operation and Maintenance Expenses.			

GAS OPERATING REVENUES			
ACCOUNT	Operating Revenues		
	Amount for Year	Increase or (Decrease) from Preceding Year	
SALES OF GAS			
Residential Sales.....	\$ 246,907,513	\$ (121,623,487)	
Commercial and Industrial Sales.....			
Commercial & Industrial.....	68,316,539	(41,556,980)	
Interruptible.....	0	0	
Other Sales to Public Authorities.....	0	0	
Interdepartmental Sales.....	0	0	
Unbilled Gas Sales.....	(33,497,500)	(31,300,500)	
Total Sales to Ultimate Consumers.....	281,726,552	(194,480,967)	
Sales for Resale.....	218,953	(822,722)	
Total Sales of Gas.....	281,945,505	(195,303,689)	
OTHER OPERATING REVENUES			
Residential Transportation.....	221,180	(313,936)	
Forfeited Discounts-Late Payment Charges.....	190,036	(385,047)	
Miscellaneous Service Revenues.....	0	0	
Revenues from Transportation of Gas to Others.....	34,390,245	(16,669,774)	
Sales of Products Extracted from Natural Gas.....	0	0	
Revenues from Natural Gas Processed by Others.....	0	0	
Rent from Gas Property.....	80,258	(60,138)	
Interdepartmental Rents.....	0	0	
Other Gas Revenues.....	48,961,168	5,392,421	
Total Other Operating Revenues.....	83,842,887	(12,036,474)	
Total Gas Operating Revenues.....	\$ 365,788,392	\$ (207,340,163)	
SUMMARY OF GAS OPERATIONS AND MAINTENANCE EXPENSES			
Functional Classification	Operation	Maintenance	Total
Steam Production.....			
Manufactured Gas Production.....	\$ 6,278,509	\$ 276,133	\$ 6,554,642
Other Gas Supply Expenses.....	105,952,682	0	105,952,682
Total Production Expenses.....	112,231,191	276,133	112,507,324
Local Storage Expenses.....	0	0	0
Transmission and Distribution Expense.....	32,086,927	13,201,733	45,288,660
Customer Accounts Expense.....	55,723,239	0	55,723,239
Sales Expense.....	65,335	0	65,335
Administrative and General Expenses.....	99,943,214	4,501,671	104,444,885
Total Gas Operation and Maintenance Expenses.....	\$ 300,049,906	\$ 17,979,537	\$ 318,029,443
<p>March __, 2021, I hereby certify that the foregoing statements are full, just and true to the best of my knowledge and belief. This statement is signed under the penalties of perjury.</p> <p style="text-align: right;">  Controller </p> <p style="text-align: right;">08/25/2021</p>			

Commonwealth of Massachusetts
Department of Public Utilities
One South Street
Boston, MA 02110

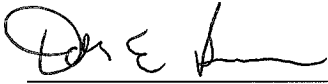
STATEMENT OF OPERATING REVENUES

YEAR 2020

Name of Company Bay State Gas Company
D/B/A Columbia Gas of Massachusetts
Address 801 E. 86th Avenue, Merrillville, IN 46410

		<u>Location on Annual Return</u>
Massachusetts Operating Revenues (Intrastate)	\$ 365,788,392	<u>C1, C4, 10, 43</u>
Other Revenues (outside Massachusetts)	\$ 0	<u>C4, 43, 48</u>
Total Revenues	\$ 365,788,392	<u>C1, C4, 10, 43</u>

I hereby certify under the penalties of perjury that the foregoing statement is true to the best of my knowledge and belief.

Signature 
Name Donald E. Brown
Title President, Director, & Chief Financial Officer

The purpose of this statement is to provide the Department of Public Utilities with the amount of intrastate operating revenues for the annual assessment made pursuant to G.L. c. 25, § 18.

If invoices or correspondence are to be addressed to a particular individual or department of the Company, please provide the name, title, and address below.

Name Donald E. Brown
Title President, Director, & Chief Financial Officer
Address Columbia Gas of Massachusetts
290 W. Nationwide Blvd.
Columbus OH 43215

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**Columbia Gas of Massachusetts
Return on Equity
For the Partial Year Ended October 8, 2020**

<u>Ln. No.</u>	<u>Item (1)</u>	<u>Detail (2)</u>	<u>Total (3)</u>
1	<u>Net Utility Income Available for Common Shareholders</u>		
2	Total Utility Operating Income - Annual Return - Pg. 10, Ln 18		\$ (11,825,937) (1)
3	Plus:		
4	Amortization of Acquisition Premium	\$ -	
5	Service Quality Penalties	-	
6	Total	\$ -	
7	Income Taxes on amortization	\$ -	
8	Net Additions to Utility Operating Income (Ln. 6 - Ln. 7)		\$ -
9	Less:		
10	Total Interest Charges - Annual Return - Pg. 10, Ln. 39	\$ 18,326,378	
11	Dividends Declared - Preferred Stock	-	
12	Total	\$ 18,326,378	
13	Utility Ratio (See Ln. 35 below)	99.93%	
14	Utility Interest Charges (Ln. 12 * Ln. 13)	\$ 18,313,550	
15	Income taxes on difference (Ln. 12 - Ln. 14) * 0.2732	\$ 3,505	
16	Net Utility Interest Charges (Ln. 14 + Ln. 15)		\$ 18,317,055
17	Net Utility Income (Ln.2 + Ln.8 - Ln. 16)		\$ (30,142,992)
18	<u>Total Utility Common Equity</u>		
19	Total Proprietary Capital - Annual Return - Pg. 9, Ln. 13		
20	Balance Beginning of Year - Column (b)		\$ 107,111,081
21	Balance End of Year - Column (c)		\$ 69,225,211
22	Average (Ln. 20 + Ln 21)/2		\$ 88,168,146
23	Less:	<u>Beginning Year</u>	<u>Ending Year</u>
24	Average Preferred stock - Annual Return - Pg. 9, Ln. 4		-
25	Average Unamortized Acquisition Premium net of deferred income taxes		\$ -
26	Average Investments in Subsidiary Companies-Annual Return-Pg8, Ln.5	\$ -	\$ -
27	Total Average Common Equity (Ln. 22 - Lns. 24, 25 and 26)		\$ 88,168,146
28	Utility Ratio (See Ln. 35 below)		99.93%
29	Total Average Utility Common Equity (Ln. 27 * Ln. 28)		\$ 88,106,428
30	Return on Equity (Ln. 17/Ln. 29)		-34.21% (1)
31	Utility Ratio:	<u>Total</u>	<u>Less Acquisition Premium & Invest. In Subs.</u>
32	Utility Plant - Annual Return - Pg. 8, Ln. 2	\$ 2,591,004,754	\$ (442,163,257)
33	Total Other Property & Investment - Annual Return - Pg 8, Ln. 8	\$ 1,427,822	\$ -
34	Total	\$ 2,592,523,725	\$ 2,150,269,319
35	Utility Ratio (Ln. 32/ Ln. 34)		99.93%

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

TABLE OF CONTENTS Designate in column (c) by the terms "none" or "not applicable," as appropriate, in instances where no information or amounts have been reported in certain schedules. Pages may be omitted where the responses are "none" or "not applicable" to the schedules on such pages.		
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Condensed Balance Sheet	C2	
Condensed Earned Surplus	C3	
Condensed Gas Revenue	C4	
Condensed Summary of Gas Operations and Maintenance Expenses	C4	
Statement of Operating Revenues	R1	
Return on Equity	R2	N/A
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Statement of Income for the Year	10	
Statement of Earned Surplus	12	
Summary of Utility Plant and Reserves for Depreciation and Amortization	13	
Utility Plant-Electric	14-16	N/A
Utility Plant-Gas	17-18	
Completed Construction Not Classified	18A	N/A
Nonutility Property	19	
Investments	20	N/A
Special Funds	21	
Special Deposits	21	N/A
Notes Receivable	22	N/A
Accounts Receivable	22	
Receivables from Associated Companies	23	
Materials and Supplies	24	
Production Fuel and Oil Stocks	25	
Unamortized Debt Discount and Expense and Unamortized Premium on Debt	26	
Extraordinary Property Losses	27	N/A
Miscellaneous Deferred Debits	27	
Discount on Capital Stock	28	N/A
Capital Stock Expense	28	N/A
Capital Stock and Premium	29	
Other Paid-In Capital	30	
Long-Term Debt	31	
Notes Payable	32	N/A
Payables to Associated Companies	32	
Miscellaneous Current and Accrued Liabilities	33	
Other Deferred Credits	33	

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

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Title of Schedule (a)	Schedule Page Number (b)	Remarks (c)
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Dividends Declared During Year	34-34A	N/A
Operating Reserves	35	
Reserves for Deferred Federal Income Taxes	36	
Contributions in Aid of Construction	36	
Electric Operating Revenues	37	N/A
Sales of Electricity to Ultimate Customers	38	N/A
Electric Operation and Maintenance Expenses	39-42	N/A
Summary of Electric Operation and Maintenance Expenses	42	N/A
Gas Operating Revenues	43	
Sales of Gas to Ultimate Consumers	44	
Gas Operation and Maintenance Expenses	45-47	
Summary of Gas Operation and Maintenance Expenses	47	
Sales for Resale - Gas	48	
Purchased Gas	48A	
Taxes Charged During Year	49	
Other Utility Operating Income	50	N/A
Income from Merchandising, Jobbing and Contract Work	51	N/A
Pages detailing Electric Operations	52-71	N/A
Record of Sendout for the Year in MCF	72-73	
Gas Generating Plant	74	
Boilers	75	N/A
Scrubbers, Condensers, and Exhausters	75	N/A
Purifiers	76	N/A
Holders	76	N/A
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Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020

GENERAL INFORMATION			
PRINCIPAL AND SALARIED OFFICERS *			
Titles	Names	Addresses	Annual Salaries
President & Chief Financial Officer	Donald E. Brown	290 W. Nationwide Blvd., Columbus OH	\$ 49,789
Vice President & Treasurer	Randy G. Hulen	801 E. 86th Ave., Merrillville, IN	23,009
Vice President, Chief Accounting Officer, & Controller	Gunnar J. Gode	290 W. Nationwide Blvd., Columbus OH	9,792
Director	Pablo A. Vegas	290 W. Nationwide Blvd., Columbus OH	39,744
DIRECTORS *			
Names	Addresses		Fees Paid During Year (E)
Donald E. Brown	290 W. Nationwide Blvd., Columbus OH		
Pablo A. Vegas	290 W. Nationwide Blvd., Columbus OH		

(E) Included, where applicable, annual retainer paid to Directors who are not salaried officers of Company or subsidiary. Directors' meeting attendance fees, annual committee fees and committee meeting attendance fees.

* By General Laws, Chapter 164 , Section 83, the Return must contain a "list of the names of all their salaried officers and the amount of the salary paid to each," and by Section 77, the department is required to include in its annual report "the names and addresses of the principal officers and of the directors."

GENERAL INFORMATION - Continued

1. Corporate name of company making this report:

Bay State Gas Company

2. Date of organization:

See Note 1

3. Date of incorporation:

November 10, 1998 as Acquisition Gas Company, Inc.

4. Give location (including street and number) of principal business office:

801 E. 86th Avenue, Merrillville, IN 46410

5. Total number of stockholders: One - NiSource Inc., 801 East 86th Avenue, Merrillville, IN 46410

6. Number of stockholders in Massachusetts: None

- | | | | |
|---|----------------|--------------|-----|
| 7. Amount of stock held in Massachusetts: | No. of shares, | 0 Common | \$0 |
| | No. of shares, | 0 \$50 Pfd. | \$0 |
| | No. of shares, | 0 \$100 Pfd. | \$0 |

- | | | | |
|--|----------------|-----|--|
| 8. Capital stock issued prior to June 5, 1894: | No. of shares, | N/A | |
|--|----------------|-----|--|

- | | | | |
|---|----------------|--------------|-------|
| 9. Capital stock issued with approval of Board of Gas and Electric Light Commissioners or Department of Public Utilities since June 5, 1894 | No. of shares, | 100 Common | \$100 |
| | No. of shares, | 0 \$100 Pfd. | \$0 |
| | No. of shares, | 0 \$50 Pfd. | \$0 |

Total 100 Common Shares, par value, \$1.00, outstanding at December 31, 2019			\$100
--	--	--	-------

0 Pfd., par value, \$100			\$0
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0 Pfd., par value, \$ 50			\$0
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10. In connection with the Company's Common Stock Issuance:

DTE #98-31

In connection with the Company's Merger with NiSource Inc. 100 Shares of Common Stock, \$ 1.00 Par Value, were Issued, as approved in DTE #98-31, dated November 5, 1998.

11. Management Fees and Expenses during the Year.

List all individuals, corporations or concerns with whom the company has any contract or agreement covering management or supervision of its affairs, such as accounting, financing, engineering, construction, purchasing, operation, etc., & show the total amount paid to each for the year.

	Gross Dollars Billed to Columbia Gas of Massachusetts	Portion of Billed Charged to Balance Sheet or Non-Utility Expense
--	--	---

Year 2020

Management Fee - NiSource Corporate Services Co.	54,793,632	10,973,158
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GENERAL INFORMATION - Continued

12. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

ADDITIONS - MAJOR

Gas Mains

Gas Services

RETIREMENTS - MAJOR

Gas Services

Gas Mains

Note 1

On November 10, 1998, Acquisition Gas Company, Inc. was formed as a subsidiary of NiSource, Inc. On February 12, 1999, (Old) Bay State Gas Company was merged into Acquisition Gas Company, Inc. Old Bay State Gas Company was dissolved and Acquisition Gas Company changed its name to Bay State Gas Company.

Note 2

In connection with the Greater Lawrence Incident, which occurred on September 13, 2018, the Company, in cooperation with the Massachusetts Governor's Office, replaced the entire affected 45-mile cast iron and bare steel pipeline system that delivers gas to approximately 7,500 gas meters, the majority of which serve residences and of which approximately 700 serve businesses impacted in the Greater Lawrence Incident. This system was replaced with plastic distribution mains and service lines, as well as enhanced safety features such as pressure regulation and excess flow valves at each premise. We incurred approximately \$91 million of capital spend for the pipeline replacement during 2019. This included \$88 million for Gas Mains and \$3 million for Gas Services; there was substantially no gross book value of plant retired for Gas Mains or for Gas Services in 2019. The total investment in the pipeline replacement work was \$258 million and was substantially completed in 2019.

Note 3

On February 26, 2020, NiSource and Columbia of Massachusetts entered into an Asset Purchase Agreement to sell substantially all of the assets of Columbia of Massachusetts and certain liabilities to Eversource. The sale was approved by the Massachusetts DPU on October 7, 2020, and closed on the beginning of the day on October 9, 2020. As such, this report covers the time period that Columbia Gas of Massachusetts was a regulated entity under NiSource through the end of the day on October 8, 2020.

GENERAL INFORMATION - Continued			
Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.		Names of the cities or towns in which the company supplies GAS, with the number of customers' meters in each place.	
City or Town	Number of Customers' Meters, October 8, 2020	City or Town	Number of Customers' Meters, October 8, 2020
Abington	222	Medfield	2,960
Agawam	8,133	Medway	2,634
Andover	8,865	Mendon	39
Attleboro	8,929	Methuen	14,327
Avon	1,122	Middleborough	58
Bellingham	2,223	Millis	1,428
Berkley	86	Monson	225
Braintree	1	Norfolk	509
Bridgewater	4,317	North Andover	6,669
Brockton	22,394	Northampton	8,927
Canton	6,850	Norton	4,347
Chicopee	14,263	Norwell	1,980
Dighton	820	Palmer	253
Dover	87	Pembroke	4,272
Duxbury	3,595	Plympton	177
East Bridgewater	2,539	Randolph	7,952
East Longmeadow	4,957	Raynham	2,059
Easthampton	3,784	Rehoboth	162
Easton	4,918	Scituate	5,694
Foxborough	5,050	Seekonk	3,063
Franklin	8,775	Sharon	4,962
Granby	275	South Hadley	4,273
Halifax	844	Southwick	782
Hampden	855	Springfield	41,344
Hanover	3,374	Stoughton	8,125
Hanson	2,408	Swansea	29
Haverhill	10	Taunton	14,404
Holbrook	2,246	Walpole	6,633
Lakeville	706	West Bridgewater	1,715
Lawrence	21,684	West Springfield	9,098
Longmeadow	5,158	Wilbraham	3,142
Ludlow	4,916	Wrentham	2,092
Mansfield	5,551		
Marshfield	8,101		
	168,058		164,334
		* TOTAL	332,392

* Total represents active meters at October 8, 2020

COMPARATIVE BALANCE SHEET Assets and Other Debits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	UTILITY PLANT			
2	Utility Plant (101-107) P.13	2,515,218,676	2,591,004,754	75,786,078
3	OTHER PROPERTY AND INVESTMENTS			
4	Nonutility Property (121) P.19.....	226,850	226,850	0
5	Investment in Associated Companies (123) P.20.....	0	0	0
6	Other Investments (124) P.20.....	25,000	0	(25,000)
7	Special Funds (125,126,127,128) P.21.....	2,124,338	1,200,972	(923,366)
8	Total Other Property and Investments.....	2,376,188	1,427,822	(948,366)
9	CURRENT AND ACCRUED ASSETS			
10	Cash (131).....	2,183,470	956,462	(1,227,008)
11	Special Deposits (132,133,134) P.21.....	0	0	0
12	Working Funds (135).....	1,200	1,200	0
13	Temporary Cash Investments (136) P.20.....	0	0	0
14	Notes and Accounts Receivable (141,142,143) P.22.....	87,350,956	65,299,190	(22,051,766)
15	Receivables from Assoc. Companies (145,146) P.23.....	587,274	505,735	(81,539)
16	Materials and Supplies (151-159,163) P.24.....	18,276,874	14,791,816	(3,485,058)
17	Prepayments (165).....	6,861,615	2,639,123	(4,222,492)
18	Interest and Dividends Receivable (171).....	0	0	0
19	Rents Receivable (172).....	0	0	0
20	Accrued Utility Revenues (173).....	46,692,212	8,902,850	(37,789,362)
21	Miscellaneous Current and Accrued Assets (174)	0	0	0
22	Def. Fuel Costs (175).....	2,352,539	11,030,764	8,678,225
23	Total Current and Accrued Assets.....	164,306,140	104,127,140	(60,179,000)
24	DEFERRED DEBITS			
25	Unamortized Debt Discount and Expense (181) P.26.....	1,984,666	613,613	(1,371,053)
26	Extraordinary Property Losses (182) P.27.....	0	0	0
27	Preliminary Survey and Investigation Charges (183).....	1,767,217	2,695,809	928,592
28	Clearing Accounts (184).....	0	109,679	109,679
29	Temporary Facilities (185).....	0	0	0
30	Miscellaneous Deferred Debits (186)...P.27.....	145,015,574	164,673,826	19,658,252
31	Total Deferred Debits.....	148,767,457	168,092,927	19,325,470
32	CAPITAL STOCK DISCOUNT AND EXPENSE			
33	Discount on Capital Stock (191) P.28.....	0	0	0
34	Capital Stock Expense (192) P.28.....	0	0	0
35	Total Capital Stock Discount and Expense.....	0	0	0
36	REACQUIRED SECURITIES			
37	Reacquired Capital Stock (196).....	0	0	0
38	Reacquired Bonds (197).....	0	0	0
39	Total Reacquired Securities.....	0	0	0
40	Total Assets and Other Debits.....	2,830,668,461	2,864,652,643	33,984,182

COMPARATIVE BALANCE SHEET Liabilities and Other Credits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1	PROPRIETARY CAPITAL			
2	CAPITAL STOCK			
3	Common Stock Issued (201) P.29.....	100	100	0
4	Preferred Stock Issued (204) P.29.....	0	0	0
5	Capital Stock Subscribed (202,205).....	0	0	0
6	Premium on Capital Stock (207) P.29.....	411,771,866	411,771,866	0
7	Total.....	411,771,966	411,771,966	0
8	SURPLUS			
9	Other Paid-In Capital (208-211) P. 30.....	184,597,121	184,597,121	0
10	OCI Deficit	0	0	0
11	Earned Surplus (215,216) P. 12.....	(489,258,006)	(527,143,876)	(37,885,870)
12	Total.....	(304,660,885)	(342,546,755)	(37,885,870)
13	Total Proprietary Capital.....	107,111,081	69,225,211	(37,885,870)
14	LONG TERM DEBT			
15	Bonds (221) P.31.....	0	0	0
16	Capital Lease Obligations	56,156,828	54,115,857	(2,040,971)
17	Other Long-Term Debt (224) P.31.....	349,400,000	324,400,000	(25,000,000)
18	Total Long-Term Debt.....	405,556,828	378,515,857	(27,040,971)
19	CURRENT AND ACCRUED LIABILITIES			
20	Notes Payable (231) P.32.....	0	0	0
21	Accounts Payable (232).....	53,440,752	35,931,504	(17,509,248)
22	Payables to Associated Companies (233,234) P.32.....	752,605,249	1,052,697,667	300,092,418
23	Customer Deposits (235).....	3,257,177	3,013,204	(243,973)
24	Taxes Accrued (236).....	35,968,631	35,301,411	(667,220)
25	Interest Accrued (237).....	875,445	281,889	(593,556)
26	Dividends Declared (238).....	0	0	0
27	Fuel Purchase Commitments.....	0	0	0
28	Capital Leases (240).....	3,028,817	3,664,251	635,434
29	Tax Collections Payable (241).....	652,154	0	(652,154)
30	Misc. Current and Accrued Liabilities (242) P.33.....	251,771,499	46,002,414	(205,769,085)
31	Total Current and Accrued Liabilities.....	1,101,599,724	1,176,892,340	75,292,616
32	DEFERRED CREDITS			
33	Unamortized Premium on Debt (251) P.26.....	0	0	0
34	Customer Advances for Construction (252)	6,905	6,505	(400)
35	Other Deferred Credits (253) P.33.....	152,815,087	142,595,208	(10,219,879)
36	Total Deferred Credits.....	152,821,992	142,601,713	(10,220,279)
37	RESERVES			
38	Reserves for Depreciation (254-256) P.13.....	596,095,829	631,874,124	35,778,295
39	Reserves for Amortization (257-259) P.13.....	460,331,193	462,294,806	1,963,613
40	Reserve for Uncollectible Accounts (260).....	6,176,595	14,119,146	7,942,551
41	Operating Reserves (261-265) P.35.....	13,956,194	15,556,968	1,600,774
42	Reserve for Depreciation and Amortization of			
43	Nonutility Property (266).....	192,134	192,134	0
44	Reserves for Deferred Federal Income			
44	Taxes (267,268) P.36.....	(21,815,884)	(35,503,176)	(13,687,292)
45	Total Reserves.....	1,054,936,061	1,088,534,002	33,597,941
46	CONTRIBUTIONS IN AID OF CONSTRUCTION			
47	Contributions in Aid of Construction (271) P. 36.....	8,642,775	8,883,520	240,745
48	Total Liabilities and Other Credits.....	2,830,668,461	2,864,652,643	33,984,182

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	Operating Revenues (400) P.37,43.....	\$ 365,788,392	\$ (207,340,163)
3	Operating Expenses:		
4	Operation Expense (401) P.42,47.....	300,049,906	(186,605,946)
5	Maintenance Expense (402) P.42,47.....	17,979,537	340,680,458
6	Depreciation Expense (403) P.34.....	42,417,991	(10,404,228)
7	Amortization of Utility Plant (404 and 405).....	3,360,089	(11,269,687)
8	Asset Impairment.....	0	0
9	Amortization of Investment Tax Credit (407.2).....	0	0
10	Taxes Other Than Income Taxes (408) P.49.....	29,581,665	(19,916,399)
11	Income Taxes (409) P.49.....	0	(71,392,447)
12	Provision for Deferred Fed. Inc. Taxes (410) P.36.....	34,735,293	(79,255,662)
13	Fed. Inc. Taxes Def. in Prior Yrs.-Cr. (411) P. 36.....	(50,510,152)	83,056,964
14	Total Operating Expenses.....	377,614,329	44,893,053
15	Net Operating Revenues.....	(11,825,937)	(252,233,216)
16	Income from Utility Plant Leased to Others (412)-Net.....	0	0
17	Other Utility Operating Income (414) P.50.....		
18	Total Utility Operating Income.....	(11,825,937)	(252,233,216)
19	OTHER INCOME		
20	Income (Loss) from Mdse. Job & Contract Work (415) P. 51-After Taxes.....	0	0
21	Income from Nonutility Operations (417)-After Taxes.....	0	0
22	Nonoperating Rental Income (418).....	0	0
23	Interest and Dividend Income (419)-After Taxes.....	1,376,005	(428,229)
24	Misc Nonoperating Income (421)-After Taxes and Earnings of Subsidiaries.....	2,996,565	152,296,539
25	Total Other Income.....	4,372,570	151,868,310
26	Total Income.....	(7,453,367)	(100,364,906)
27	MISCELLANEOUS INCOME DEDUCTIONS		
28	Miscellaneous Amortization (425).....	0	0
29	Other Income Deductions (426) After Taxes.....	12,106,125	(41,384,749)
30	Total Income Deductions.....	12,106,125	(41,384,749)
31	Income Before Interest Charges.....	(19,559,492)	(58,980,157)
32	INTEREST CHARGES		
33	Interest on Long-Term Debt (427) P.31.....	1,829,885	(691,115)
34	Amortization of Debt Disc. & Expense (428) P.26.....	213,048	(116,568)
35	Amortization of Prem. on Debt-Credit (429) P.26.....	0	0
36	Int. on Debt to Associated Companies (430) P.31,32.....	16,243,079	(23,719,965)
37	Other Interest Expense (431).....	312,352	(332,385)
38	Interest Charged (Credited) to Construction-Credit (432).....	(271,986)	219,546
39	Total Interest Charges.....	18,326,378	(24,640,487)
40	Net Income.....	\$ (37,885,870)	\$ (34,339,670)
41	EARNED SURPLUS		
42	Unappropriated Earned Surplus (at beginning of period) (216)	\$ (489,258,006)	\$ (3,546,200)
43	Balance Transferred from Income (433).....	(37,885,870)	(34,339,670)
44	Miscellaneous Debits to Surplus (434).....	0	0
45	Miscellaneous Credits to Surplus(434).....	0	0
46	Miscellaneous Credits to Surplus (434).....	0	0
47	Miscellaneous Debits to Surplus (435).....	0	0
48	Net Additions of Earned Surplus.....	(37,885,870)	(34,339,670)
49	Appropriations of Surplus for Common Stock Rights(436).....	0	0
50	Dividends Declared-Common Stock (438).....	0	0
51	Unappropriated Earned Surplus (at end of period) (216).....	\$ (527,143,876)	\$ (37,885,870)

STATEMENT OF EARNED SURPLUS (Accounts 215-216)

1. Report in this schedule an accounting for changes in appropriated and unappropriated earned surplus for the year.

2. Each credit and debit during the year should be identified as to the surplus account in which included (Accounts 433-438 inclusive) and the contra primary accounts affected shown. Minor items may be grouped by classes; however, the number of items in each group should be shown.

3. For each reservation or appropriation of earned surplus state the purpose, amount, and in the case of reservations, the reserve account credited.

Explain in a footnote the basis for determining the amount reserved or appropriated and if such reservation or appropriation is to be recurrent, state the number and annual payments to be reserved or appropriated as well as the totals eventually to be accumulated.

4. Dividends should be shown for each class and series of capital stock. Show amounts of dividends per share.

5. List credits first; then debits.

Line No.	Item (a)	Contra Primary Account Affected (b)	Amount (c)
1	UNAPPROPRIATED EARNED SURPLUS (Account 216)		
2	Balance-Beginning of Year		\$ (489,258,006)
3	Changes: (identify by prescribed earned surplus accounts)		
4	Net Income - Mass operations	433	(37,885,870)
5			
6			
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18			
19	Less: Appropriation of Earned Surplus for Common Stock Rights		
20	Appropriation of Earned Surplus for Common Stock Dividends		\$ 0
21			
22			
23			
24			
25			
26			
27	Balance - end of year		\$ (527,143,876)
28	APPROPRIATED EARNED SURPLUS (Account 215)		\$
29	State balance and purpose of each appropriated earned surplus amount at end of year and give accounting entries for any applications of appropriated earned surplus during the year.		
30			
31			
32			
33			
34			
35	NONE		
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42			
43			

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

SUMMARY OF UTILITY PLANT AND RESERVES FOR DEPRECIATION AND AMORTIZATION

Line No.	Item (a)	Total (b)	Electric (c)	Gas (d)	(e)	(f)	Common (g)
1	UTILITY PLANT:						
2	In Service:						
3	101 Plant in Service (Classified)	\$ 2,437,047,604		\$ 2,437,047,604			
4	106 Completed Construction not Classified.....						
5	Total P. 18.....	2,437,047,604		2,437,047,604			
6	101.1 Leased from Others.....	48,410,000		48,410,000			
7	101.12 Right of Use Assets.....	14,697,860		14,697,860			
8	105 Held for Future Use.....						
9	106 Completed Construction Not Classified...	50,312,970		50,312,970			
9	107 Construction Work in Progress..	40,536,320		40,536,320			
10	Total Utility Plant.....	\$ 2,591,004,754		\$ 2,591,004,754			
11	DETAIL OF RESERVES FOR DEPRECIATION AND AMORTIZATION						
12	In Service:						
13	254 Depreciation P. 34.....	\$ 631,874,124		\$ 631,874,124			
14	257 Amortization.....	462,294,806		462,294,806			
15	Total, in Service.....	\$ 1,094,168,930		\$ 1,094,168,930			
16	Leased to Others:						
17	255 Depreciation.....						
18	258 Amortization.....						
19	Total, Leased to Others.....						
20	Held For Future Use:.....						
21	256 Depreciation.....						
22	259 Amortization.....						
23	Total, Held for Future Use.....						
24	Total Reserves for Depreciation and Amortization.....	\$ 1,094,168,930		\$ 1,094,168,930			

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

UTILITY PLANT-GAS

1. Report below the cost of utility plant in service according to prescribed accounts.
2. Do not include as adjustments, corrections of additions and retirements for the current or

the preceding year. Such items should be included in column (c) or (d) as appropriate.
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT	\$	\$	\$	\$	\$	\$
2	301 Organization.....	4,432,919					4,432,919
3	303 Miscellaneous Intangible Plant..	464,908,109	3,826,965	1,363,740			467,371,334
4	Total Intangible Plant.....	469,341,028	3,826,965	1,363,740			471,804,253
5	2. PRODUCTION PLANT						
6	Manufactured Gas Production Plant...						
7	304 Land and Land Rights	412,592					412,592
8	305 Structures and Improvements.....	4,569,871					4,569,871
9	306 Boiler Plant Equipment.....						
10	307 Other Power Equipment.....						
11	310 Water Gas Generating Equipment.						
12	311 Liquefied Petroleum Gas.....						
	Equipment.....	4,691,606					4,691,606
13	312 Oil Gas Generating Equipment...						
14	313 Generating Equipment-Other.....						
	Processes.....						
15	315 Catalytic Cracking Equipment...						
16	316 Other Reforming Equipment.....						
17	317 Purification Equipment.....						
18	321 LNG Equipment.....	16,938,910					16,938,910
19	319 Gas Mixing Equipment.....						
20	320 Other Equipment.....	11,368,490		14,777			11,353,713
21	Total Manufactured Gas						
22	Production Plant.....	37,981,469	0	14,777			37,966,692
23	3. STORAGE PLANT						
24	360 Land and Land Rights.....						
25	361 Structures and Improvements.....						
26	362 Gas Holders.....						
27	363 Other Equipment.....						
28	Total Storage Plant.....						

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

UTILITY PLANT - GAS (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. TRANSMISSION AND DISTRIBUTION PLANT						
2	365.1 Land and Land Rights.....						
3	365.2 Rights of Way.....						
4	366 Structures and Improvements.....						
5	367 Mains.....						
6	368 Compressor Station Equipment...						
7	369 Measuring and Regulating Station Equipment.....						
9	374 Land & Land Rights, right of Way	869,591					869,591
10	375 Structures & Improvements.....	18,908,613	51,689				18,960,302
11	376 Mains.....	1,003,826,935	23,137,666	1,394,912			1,025,569,689
12	377 Compressor Station Equipment.....						
13	378 Regulator Station.....	27,431,595	93,185	62,674			27,462,106
14	379 Other Equipment.....						
15	380 Services.....	625,530,580	26,045,838	1,597,186			649,979,232
16	381 Meters.....	34,398,984	2,971,647	(1,215,636)			38,586,267
17	382 Meter Installations.....	96,562,145	4,659,396	541,781			100,679,760
18	383 House Regulators.....	11,784,105	72,589	488,850			11,367,844
19	385 Industrial Mea & Reg Sta Eq	33,978					33,978
20	386 Other Property on Cust's Prem.....						
20	387 Other Equipment.....						
21	Total Transmission and Distribution Plant.....	1,819,346,526	57,032,010	2,869,767			1,873,508,769
22	5. GENERAL PLANT						
23	389 Land and Land Rights.....	14,143					14,143
24	390 Structures and Improvements.....						
25	391 Office Furniture and Equipment.....	4,034,301		63,380			3,970,921
26	392 Transportation Equipment.....	36,454	511,690				548,144
27	393 Stores Equipment.....	78,477					78,477
28	394 Tools, Shop, and Garage Eqpt....	11,277,227	1,273,365				12,550,592
29	395 Laboratory Equipment.....	275,546					275,546
30	396 Power Operated Equipment.....	26,896					26,896
31	397 Communication Equipment.....	27,598,298		420,082			27,178,216
32	398 Miscellaneous Equipment.....	241,436					241,436
33	399 Other Tangible Property.....						
34							
35	Total General Plant.....	43,582,778	1,785,055	483,462			44,884,371
36	Total Gas Plant in Service.....	2,370,251,801	62,644,030	4,731,746			2,428,164,085
37	101 Contributions in Aid of Construction (offset in Account 271)	8,642,775	240,745				8,883,520
38	101.1 Utility Plant Leased From Others.....	48,410,000					48,410,000
39	101.12 Right of Use Assets.....	14,798,555	1,208,826	1,309,522.00			14,697,859
39	105 Held for Future Use						
40	106 Completed Construction Not Classified...	43,674,083	6,638,887				50,312,970
41	107 Construction Work in Progress.....	29,441,461	11,094,859				40,536,320
42	Total Utility Plant - Gas.....	2,515,218,675	81,827,347	6,041,268			2,591,004,754

Note: Completed Construction Not Classified, Account 106, shall be classified in this schedule according to prescribed accounts, on an estimated basis if necessary, and the entries included in column (c). Also to be included in column (c) are entries for reversals of tentative distribution of prior year reported in column (c). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, a tentative distribution of such retirements on an estimated basis with appropriate contra entry to the Depreciation Reserve Account, shall be included in column (d). Include also in column (d) reversals of tentative distributions of prior year of unclassified retirements. Attach an insert page showing the account distributions of these tentative classifications in columns (c) and (d) including the reversals of the prior years tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

NONUTILITY PROPERTY (ACCOUNT 121)					
Give particulars of all investments of the respondent in physical property not devoted to utility operation.					
Line No.	Description and Location (a)	Book Value at End of Year (b)	Revenue for the Year (c)	Expense for the Year (d)	Net Income after Tax for the Year (e)
1					
2					
3	<u>Non-Utility Property</u>				
4					
6	Land - Belmont Street, Brockton	\$ 29,197			
7	Land - Meadow Lane, Brockton	5,519			
8		34,716	0	0	0
9					
10					
11	<u>Other Non-Utility - 398</u>	192,134			
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53	TOTALS	\$ 226,850	\$ 0	\$ 0	\$ 0

Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020		
<div>INVESTMENTS (ACCOUNTS 121, 136)</div> <div>Give particulars of all investments in stocks, bonds, notes, etc. held by the respondent at the end of the year. Provide a subheading for each list thereunder the information called for.</div>		
Line No.	Description of Security Held by Respondent (a)	Amount (b)
1		
2	Other Investments:	
3	None	
4		
5		
6		
7	Total Other Investments	<div>\$ -</div>
8		
9		
10		
11		
12		
13		

Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020

SPECIAL FUNDS (Accounts 125,126,127,128) (Sinking Funds, Depreciation Fund, Amortization Fund-Federal, Other Special Funds) Report below the balance at end of year of each special fund maintained during year. Identify each fund as to account in which included. Indicate nature of any fund included in Account 128, Other special funds.		
Line No.	Name of Fund and Trustee If Any (a)	Balance End of Year (b)
1	Pension Fund - Funds Held in Trust	\$ 1,200,972
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19	TOTAL	\$ 1,200,972
SPECIAL DEPOSITS (Accounts 132, 133, 134) 1. Report below the amount of special deposits by classes at end of year. 2. If any deposit consists of assets other than cash, give a brief description of such assets. 3. If any deposit is held by an associated company, give name of company.		
Line No.	Description and Purpose of Deposit (a)	Balance End of Year (b)
20	Interest Special Deposits (Account 132).....	
21	Dividend Special Deposits (Account 133).....	
22		
23	Other Special Deposits (Account 134)	
24	(specify purpose of each other special deposit).....	
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		NONE

Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020

NOTES RECEIVABLE (Account 141)

1. Give the particulars called for below concerning notes receivable at the end of year.
2. Give particulars of any note pledged or discounted.

3. Minor items may be grouped by classes, showing number of such items.
4. Designate any note the maker of which is a director, officer or other employee.

Line No.	Name of Maker and Purpose for Which Received (a)	Date of Issue (b)	Date of Maturity (c)	Amount End of Year (e)
1	NONE			
2				
3				
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22				

ACCOUNTS RECEIVABLE (Accounts 142, 143)

1. Give the particulars called for below concerning accounts receivable at end of year.

2. Designate any account included in Account 143 in excess of \$5,000.

Line No.	Description (a)	Amount End of Year (b)
23	Customers (Account 142):	
24		
25	Gas	\$ 54,971,816
26	Other Gas Utility	5,917,485
27		
28		
29		
30	Other Accounts Receivable (Account 143):	
31		
32		
33	Reimbursable Capital Projects	2,543,562
34	Insurance Reimbursables	1,467,888
35	Taxes Receivable	398,439
36		
37		
38		
39		
40		
41		
42		\$ 65,299,190
43	Total Notes and Accounts Receivable	\$ 65,299,190

Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145,146)

1. Report particulars of notes and accounts receivable from associated companies at end of year.
2. Provide separate headings and totals for Account 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.
3. For notes receivable list each note separately and state purpose for which received. Show also in column (a) date of note and date of maturity.

4. If any note was received in satisfaction of an open account, state the period covered by such open account.
5. Include in column (d) interest recorded as income during the year, including interest on accounts and notes held any time during the year.
6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

Line No.	Name of Company (a)	Amount End of Year (b)	Interest for Year	
			Rate (c)	Amount (d)
	Accounts Receivable (Account 146)			
1	Northern Indiana Public Service Company	\$ 499,760	N/A	\$ 0
2	Columbia Gas of Ohio	2,516	N/A	0
3	NiSource, Inc.	2,636	N/A	0
4	Columbia Gas of Kentucky	823	N/A	0
5				
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42				
43	TOTALS	\$ 505,735		\$ 0
44				

Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020

MATERIALS AND SUPPLIES (Accounts 151-159,163] Summary Per Balance Sheet			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
1	Fuel (Account 151) (See Schedule, Page 25)		\$ 13,868,535
2	Plant Materials (Account 154)		\$ 923,281
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	Total Per Balance Sheet		\$ 14,791,816

PRODUCTION FUEL AND OIL STOCKS - Included in Account 151 (Except Nuclear Materials)						
1. Report below the information called for concerning production fuel and oil stocks. 2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable. 3. Each kind of coal or oil should be shown separately. 4. Show gas and electric fuels separately by specific use.						
Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Liquid Propane		Liquefied Natural Gas	
			Quantity (Gallons) (c)	Cost (d)	Quantity (MMBTU) (e)	Cost (f)
1	On Hand Beginning of Year.....	17,197,106	1,530,920	1,783,261	1,821,275	11,362,765
2						
3	Received During Year.....	1,968,014	0	0	278,402	443,684
4	TOTAL.....	19,165,120	1,530,920	1,783,261	2,099,677	11,806,449
5	Used During Year.....					
6	Retail Bottled Gas Sale					
7						
8						
9						
10						
11	Sold or Transferred.....	5,296,585	22,144	24,102	555,045	2,718,244
12	TOTAL DISPOSED OF	5,296,585	22,144	24,102	555,045	2,718,244
13	BALANCE END OF YEAR.....	13,868,535	1,508,776	1,759,159	1,544,632	9,088,205
Line No.	Item (g)	Kinds of Fuel and Oil - Continued				
		Retail Propane		Natural Gas		
		Quantity (Gallons) (h)	Cost (i)	Quantity (MMBTU) (j)	Cost (k)	
14	On Hand Beginning of Year.....	0	0	1,391,056	4,051,080	
15	Received During Year.....	0	0	898,551	1,524,330	
16	TOTAL.....	0	0	2,289,607	5,575,410	
17	Used During Year.....					
18	Retail Propane Sales.....					
19						
20						
21						
22						
23						
24	Sold or Transferred.....	0	0	904,321	2,554,239	
25	TOTAL DISPOSED OF	0	0	904,321	2,554,239	
26	BALANCE END OF YEAR.....	0	0	1,385,286	3,021,171	

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND UNAMORTIZED PREMIUM ON DEBT (Accounts 181, 251)

1. Report under separate subheadings for Unamortized Debt Discount and Expense and Unamortized Premium on Debt, particularly of discount and expense or premium applicable to each class and series of long-term debt.

2. Show premium amounts by enclosure in parentheses.

3. In column (b) show the principal amount of bonds or other long-term debt originally issued.

4. In column (c) show the discount and expense or premium with respect to the amount of bonds or other long-term debt originally issued.

5. Furnish particulars regarding the treatment of unamortized debt discount and expense or premium, redemption premiums, and redemption expenses associated with issues redeemed during the year, also, date of the Department's authorization of treatment other than as specified by the Uniform System of Accounts.

6. Set out separately and identify undisposed amounts applicable to issues which were redeemed in prior years.

7. Explain any debits and credits other than amortization debited to Account 428, Amortization of Debt Discount or Expense, or credited to Account 429, Amortization of Premium on Debt - Credit.

Line No.	Designation of Long-Term Debt (a)	Balance at the end of the reporting year	Principal Amount of Securities to which Discount and Expenses or Premium Minus Expense, Relates (Omit Cents) (b)	Total Discount and Expense or Net Premium (Omit Cents) (c)	Amortization Period		Balance Beginning of Year (f)	Debits During Year (g)	Credits During Year (h)	Balance End of Year (i)
					(d)	To (e)				
1	6.43% notes, due December 15, 2025	10,000,000	10,000,000	2,148,966	12/15/95	12/15/25	429,768		71,628	358,140
2	6.26% notes, due February 15, 2028	5,000,000	30,000,000	5,957,669	12/15/98	2/15/28	1,551,418		1,298,729	252,689
3	5.94% notes, due December 20, 2024	35,000,000	35,000,000	14,079	12/20/04	12/20/24	3,480		696	2,784
4	5.36% notes, due December 16, 2041	11,000,000	11,000,000	0			0		0	0
5	4.97% notes, due November 28, 2042	8,000,000	8,000,000	0			0		0	0
6	5.57% notes, due September 24, 2043	22,000,000	22,000,000	0			0		0	0
7	4.98% notes, due March 18, 2043	50,000,000	50,000,000	0			0		0	0
8	4.62% notes, due November 20, 2044	28,400,000	28,400,000	0			0		0	0
9	4.99% notes, due June 26, 2045	15,000,000	15,000,000	0			0		0	0
10	4.70% notes, due December 30, 2045	15,000,000	15,000,000	0			0		0	0
11	3.86% notes, due June 30, 2046	58,000,000	58,000,000	0			0		0	0
12	4.16% notes, due June 30, 2047	15,000,000	15,000,000	0			0		0	0
13	4.11% notes, due September 29, 2047	7,000,000	7,000,000	0			0		0	0
14	3.89% notes, due December 29, 2047	45,000,000	45,000,000	0			0		0	0
16	Acct 181 TOTALS (Credits tie to 428 account charges)						1,984,666	0	1,371,053	613,613
17	TOTALS	324,400,000	349,400,000	8,120,714						

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

EXTRAORDINARY PROPERTY LOSSES (Account 182)

1. Report below particulars concerning the accounting for extraordinary property losses.
 2. In column (a) describe the property abandoned or extraordinary loss suffered, date of abandonment or loss, date of Department authorization of use of Account 182, and period over which amortization is being made.

Line No.	Description of Property Loss or Damage (a)	Total Amount of Loss (b)	Previously Written Off (c)	Written off During Year		Balance End of Year (f)
				Account Charged (d)	Amount Amount	
1			NONE			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	TOTALS					

MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars called for concerning miscellaneous deferred debits.
 2. For any deferred debit being amortized show period of amortization.
 3. Minor items may be grouped by classes, showing number of such items.

Line No.	Description (a)	Balance Beginning of Year (b)	Debits (c)	Credits		Balance End of Year (f)
				Account Charged (d)	Amount (d)	
12	Regulatory Asset - Working Capital	240,593	771,586	495	851,473	160,706
13	Regulatory Asset - Demand Side Management	11,340,506	41,175,398	923	44,294,748	8,221,156
14	Regulatory Asset - Demand Side Management Incentive	(2,507,059)	352,263	186	1,341,196	(3,495,992)
15	Regulatory Asset - LDAC Recoveries Unbilled	(9,208,731)	47,313,049	930	39,917,818	(1,813,500)
16	Regulatory Asset - Production & Storage	1,777,951	8,389,371	495	7,778,402	2,388,920
17	Regulatory Asset - Environmental - Incurred Costs	7,506,839	5,499,911	932,186	3,633,134	9,373,616
18	Regulatory Asset - Environmental - Expected Costs	14,323,764	2,919,025	242,253	2,221,414	15,021,375
19	Regulatory Asset - Bad Debt - Gas Portion	5,068,576	4,553,801	904	3,844,802	5,777,575
20	Regulatory Asset - Debt Redemption	136,631	0	428	21,109	115,522
21	Regulatory Asset - Active Hardship Protected Accounts	5,247,628	270,594	142	1,509,228	4,008,994
22	Regulatory Asset - Pension Tracker	22,187,741	5,240,033	926	5,479,767	21,948,007
23	Regulatory Asset - Residential Discount	2,715,773	10,383,809	495	11,567,381	1,532,201
24	Regulatory Asset - FAS 109 Taxes	5,250,239	2,816,720	267,268	4,850,780	3,216,179
25	Regulatory Asset - Pension SFAS 158	34,991,376	5,672,394	926,261-265	3,451,749	37,212,021
26	Regulatory Asset - OPEB SFAS 158	12,740,793	1,559,972	926,261-265	2,114,052	12,186,713
27	Credit Balance Regulatory Assets Transferred	10,801,912	572,895	253	7,745,267	3,629,540
28	Regulatory Asset - Attorney General Consulting Fees	54,629	54,429	928	55,965	53,093
29	Regulatory Asset - Decoupling	(2,400,867)	17,586,553	495	4,519,382	10,666,304
30	Reg. Asset - Targeted Infrastructure Reinvestment Factor	0	16	495	16	0
31	Regulatory Asset - Deferred Depreciation Capital Lease	2,577,894	1,772,785	107	1,138,782	3,211,897
32	Regulatory Asset - Gas System Enhancement Program	20,276,159	27,311,664	495	18,481,521	29,106,302
33	Regulatory Asset - Asset Sale	152,662	0	-	0	152,662
34	Regulatory Asset - Shrewsbury Training Center	1,740,565	0	165,107	0	1,740,565
35	Regulatory Asset - Federal Income Taxes Current	0	259,970	182	0	259,970
36						
37						
38	TOTALS	\$ 145,015,574	\$ 184,476,238		\$ 164,817,986	\$ 164,673,826
39						
40						
41						

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Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

CAPITAL STOCK AND PREMIUM (Accounts 201, 204, and 207)

1. Report below the particulars called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show totals separately for common and preferred stock.

2. Entries in column (b) should represent the number of shares authorized by the Department.

3. Give particulars concerning shares of any class

and series of stock authorized to be issued by the Department which have not yet been issued.

4. The designation of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or noncumulative.

5. State if any capital stock which has been nominally issued is nominally outstanding at end of year.

6. Give particulars of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purpose of pledge.

Line No.	Class and Series of Stock (a)	Number of Shares Authorized (b)	Par Value per Share (c)	Amount Authorized (d)	Outstanding per Balance Sheet *		Premium at End of Year (g)
					Shares (e)	Amount (f)	
1	Common Stock	1,000	1	1,000	100	100	411,771,866
2							
3							
4							
5							
6							
7							
8							
9							
10	In connection with the Company's merger with NiSource Inc., 100 shares of Common Stock,						
11	\$1.00 Par Value were Issued, as approved in DTE #98-31, dated November 5, 1998.						
12							
13							
14							
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29							
30							
31	TOTALS	1,000	1	1,000	100	100	411,771,866

* Total amount outstanding without reduction for amounts held by respondent.

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

OTHER PAID-IN CAPITAL (Accounts 208-211)

1. Report below balance at end of year and the information specified in the instructions below for respective other paid-in capital accounts. Provide a conspicuous subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet.

Additional columns may be added for any account if deemed necessary. Explain the change in any account during the year and give the accounting entries effecting such change.

2. Donations received from Stockholders (Account 208) - State amount and give brief explanation of the origin and purpose of each donation.

3. Reduction in Par Value of Capital Stock (Account 209) - State amount and give brief explanation of the capital changes which gave rise to amounts reported under the caption including identification with the class and series of stock to which related.

4. Gain on Cancellation of Reacquired Capital Stock (Account 210) - Report balance at beginning of year, credits, debits, and balance at end of year with a succinct designation of the nature of each credit and debit identified as to class and series of stock to which related.

5. Miscellaneous Paid-In Capital (Account 211) - Classify amounts included in this account at end year according to captions which, together with brief explanations, disclose the general nature of transactions which gave rise to the reported amounts.

Line No.	Item (a)	Amount (b)
1		
2	Tax Allocation	\$ 7,628,998
3	Additional Paid-In Capital Stock Compensation	(31,877)
4	Additional Paid-In Capital	177,000,000
5		
6		
7		
8		
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42		
43	TOTAL	\$ 184,597,121

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

LONG TERM DEBT (Accounts 221,223-224)Report by balance sheet accounts particulars concerning long-term debt in Accounts 221, Bonds;
223 Advances from Associated Companies; and 224, Other Long-Term Debt.

Line No.	Class and Series of Obligation (a)	Date of Issue (b)	Date of Maturity (c)	Amount Authorized (d)	Amount Actually Outstanding at End of Year (e)	Interest Provisions		Interest Accrued During Year, Charged to Income (h)	Interest Paid During Year (i)
						Rate per Cent (f)	Dates Due (g)		
1	6.43% notes, due December 15, 2025 (A)	12/15/95	12/15/25	10,000,000	10,000,000	6.43%	6/12-12/15	482,250	321,500
2	6.26% notes, due February 15, 2028 (A)	2/15/98	2/15/28	30,000,000	5,000,000	6.26%	2/1-8/1	1,347,639	2,077,972
3	5.94% notes, due December 20, 2024	12/21/04	12/20/24	35,000,000	35,000,000	5.94%	6/1-12/1	1,600,545	1,777,118
4	5.36% notes, due December 16, 2041	12/16/11	12/16/41	11,000,000	11,000,000	5.36%	6/1-12/1	453,911	503,987
5	4.97% notes, due November 28, 2042	11/28/12	11/28/42	8,000,000	8,000,000	4.97%	6/1-12/1	306,098	339,866
6	5.57% notes, due September 24, 2043	9/24/13	9/24/43	22,000,000	22,000,000	5.57%	6/1-12/1	1,916,954	2,128,438
7	4.98% notes, due March 18, 2043	3/18/13	3/18/43	50,000,000	50,000,000	4.98%	6/1-12/1	943,390	1,047,465
8	4.62% notes, due November 20, 2044	11/20/14	11/20/44	28,400,000	28,400,000	4.62%	6/1-12/1	1,010,122	1,121,559
9	4.99% notes, due June 26, 2045	6/26/15	6/26/45	15,000,000	15,000,000	4.99%	6/1-12/1	576,242	639,814
10	4.70% notes, due December 30, 2045	12/30/15	12/30/45	15,000,000	15,000,000	4.70%	6/1-12/1	542,823	602,707
11	3.86% notes, due June 30, 2046	6/30/16	6/30/46	58,000,000	58,000,000	3.86%	6/1-12/1	1,722,319	1,912,326
12	4.16% notes, due June 30, 2047*	6/30/17	6/30/47	15,000,000	15,000,000	4.16%	6/1-12/1	480,522	533,533
13	4.11% notes, due September 29, 2047*	9/29/17	9/29/47	7,000,000	7,000,000	4.11%	6/1-12/1	221,614	246,062
14	3.89% notes, due December 29, 2047*	12/29/17	12/29/47	45,000,000	45,000,000	3.89%	6/1-12/1	1,348,026	1,496,741
15									
16									
17									
18	(A) Unaffiliated debt								
19	* New Long-Term Debt								
20									
21									
22									
23	TOTALS			\$ 349,400,000	\$ 324,400,000			\$ 12,952,455	\$ 14,749,088

For issues of long-term debt made during current year state purpose for which issued, date of issue, Department authorization date and D.P.U. #.

Purpose	Issue Date	Department Authorization Date	D.P.U. #

NOTES PAYABLE (Account 231)

Report the particulars indicated concerning notes payable at end of year.

Line No.	Payee (a)	Date of Note (b)	Date of Maturity (c)	Int. Rate (d)	Balance End of Year (e)				
1	Notes Payable:								
2									
3									
4									
5									
6									
7									
8									
13									
14									
15									
18									
19									
20									
21									
TOTAL							NONE		

PAYABLES TO ASSOCIATED COMPANIES (Accounts 233, 234)

Report particulars of notes and accounts payable to associated companies at end of year.

Line No.	Name of Company (a)	Amount End of Year (b)	Interest for Year	
			Rate (c)	Amount (d)
22	Notes Payable (Account 233)			
23				
24				
25				
26				
27	Accounts Payable (Account 234)			
28				
29	Columbia Gas of Pennsylvania	178,605		NONE
30	Northern Indiana Public Service Company	588,349		NONE
31	Columbia Gas of Virginia	184,205		NONE
32	Nisource Corporate Services	18,759,366		NONE
33	Columbia Gas of Maryland	379,713		NONE
34	Columbia Gas of Kentucky	45,862		NONE
35	NiSource Money Pool and Interest	1,027,104,099	see table	5,120,508
36	Columbia Gas of Ohio	190,821		
37	NiSource, Inc.	5,266,647	see note 1	
38				
39				
40	Interest Rates for Nisource Money Pool			
41	January	2.05%		
42	February	1.81%		
43	March	1.88%		
44	April	1.32%		
45	May	0.41%		
46	June	0.16%		
47	July	0.13%		
48	August	0.13%		
49	September	0.13%		
50	October	0.15%		
51				
52				
	TOTALS	\$ 1,052,697,667		\$ 5,120,508

Note 1: Includes accrued interest on affiliated long-term debt reported on page 31 under column (h) with rates reported under column (f)

Annual report of.....Columbia Gas of Massachusetts.....Partial Year ended October 8, 2020

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)

1. Report the amount and description of other current and accrued liabilities at end of year.
 2. Minor items may be grouped under appropriate title.

Line No.	Item (a)	Amount (b)
1	Accrued Vacation	\$ 6,926,777
2	Current Environmental Remediation Liabilities	1,302,910
3	Accrued Payroll	2,809,210
4	Accrued Incentives	166,814
5	Accrued Medical, Dental and Pharmacy Expenses	476,405
6	Accounts Receivable - Budget Plan Credit Balances	20,544,316
7	Accrued Professional Services	53,209
8	Supplier Refunds	1,981,673
9	Insurance Reserve	11,460,500
10	Pension Liability - ST Non Qualified	280,600
	TOTAL	\$ 46,002,414

OTHER DEFERRED CREDITS (Account 253)

1. Report below the particulars called for concerning other deferred credits.
 2. For any deferred credits being amortized show the period of amortization.
 3. Minor items may be grouped by classes. Show number of items.

Line No.	Description of Other Deferred Credit (a)	Balance Beginning of Year (b)	Debits		Credits (e)	Balance End of Year (f)
			Account Credited (c)	Amount (d)		
1	Credit Balance Regulatory Asset Transfer	\$ 10,801,912	186	\$ 7,745,267	572,895	\$ 3,629,540
2	ST Regulatory Liability - Amort of Tax Excess	123,264		1,184	0	122,080
3	LT Environmental Remediation Liabilities	12,450,330	186	2,083,235	3,351,370	13,718,465
4	Deferred Rent	164,449	131	34,657	0	129,792
5	Reg Liab Curr-Inc Tax Fed/St	3,281,913		0	513,001	3,794,914
6	Reg Liab NC-Inc Tax Fed-St	121,792,092	267/268, 410	13,960,237	9,585,578	117,417,433
7	LT Regulatory Liability - Amort of Tax Excess	4,201,127	400	418,143	0	3,782,984
	TOTALS	\$ 152,815,087		\$ 24,242,723	\$ 14,022,844	\$ 142,595,208

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RESERVE FOR DEPRECIATION OF UTILITY PLANT IN SERVICE (Account 254)				
Show below the amount credited during the year to Depreciation Reserve, and the amount charged to Depreciation Reserve on account of property retired. Also the balance in the account at the end of the year.				
Line No.	(a)	Electric (b)	Gas (c)	Total (d)
1	Balance at beginning of year.....		\$ 596,095,829	\$ 596,095,829
2	Credits to Depreciation Reserve during year:			
3	Account 403 Depreciation.....		42,417,991	42,417,991
3A	Allocated Vehicle Depreciation		9,236	9,236
3B	Capital Leases		1,806,153	1,806,153
4	Sub-Total		44,233,380	44,233,380
5				
6				
7	TOTAL CREDITS DURING YEAR.....		44,233,380	44,233,380
8	Net Charges for Plant Retired:			
9	Book Cost of Plant Retired.....		3,334,661	3,334,661
10	Cost of Removal.....		5,120,424	5,120,424
11	Salvage (Credit).....		0	0
12	Other		0	0
13	NET CHARGES DURING YEAR.....		8,455,085	8,455,085
14	Balance December 31, 2020.....		\$ 631,874,124	\$ 631,874,124

METHOD OF DETERMINATION OF DEPRECIATION CHARGES				
Give in detail the rule and rates, by which the respondent determined the amount charged to operating expenses and other accounts, and credited to Depreciation Reserve. Report also the depreciation taken for the year for federal income tax purposes.				
15		Avg Plant Balance	Average Rate	Depreciation
16				
17	Production.....	\$ 38,269,876	0.0133	\$ 507,856
18	Distribution.....	1,889,995,735	0.0209	39,452,922
19	General.....	66,390,831	0.0370	2,457,213
20				
21	Total.....	\$ 1,994,656,442	0.0213	\$ 42,417,991
22				
23				

DIVIDENDS DECLARED DURING THE YEAR (Accounts 437,438)							
Give particulars of dividends declared on each class of stock during the year, and charged to Earned Surplus. This schedule shall include only dividends that have been declared by the Board of Directors during the fiscal year.							
Line No.	Name of Security on Which Dividend was Declared (a)	Rate Per Cent		Amount of Capital Stock On Which Dividend Was Declared (d)	Amount of Dividend (e)	Date	
		Regular (b)	Extra (c)			Declared	Payable
24							
25							
26							
27	See Page 34A						
28							
29							
30							
31							
32							
33	TOTALS						
34	Dividend rates on Common Stock and Premium %.						
35	Dividend rates on Common Stock, Premium, and Surplus %.						
36							

Give particulars of dividends declared on each class of stock during the year, and charged to Earned Surplus. This schedule shall include only dividends that have been declared by the Board of Directors during the fiscal year.

Line No.	Name of Security (a)	Rate Per Share (b)	No. of Shares (c)	Par Value (d)	Amount of Dividend (e)	Date Declared (f)	Record Date (g)	Date Payable (h)
1	Common Stock NONE							
2								
3								
4								
5								
6								
7								
8								
9								
10								
11	Total Dividends							
12					\$	0		
13								
14								

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OPERATING RESERVES (Accounts 261, 262, 263, 264, 265)			
<p>1. Report below an analysis of the change during the year for each of the above-named reserves.</p> <p>2. Show name of reserve and account number, balance beginning of year, credits, debits, and balance at end of year. Credit amounts should be shown in black, debit amounts enclosed by parentheses.</p> <p>3. Each credit and debit amount should be described as to its general nature and the contra account debited or credited shown. Combine the amounts of monthly accounting entries of the same general nature. If respondent has more than one utility department, contra accounts debited or credited should indicate the utility department affected.</p> <p>4. For Accounts 261, Property Insurance Reserve and 262, Injuries and Damages Reserve, explain the nature of the risks covered by the reserve.</p> <p>5. For Account 265, Miscellaneous Operating Reserves, report separately each reserve comprising the account and explain briefly its purpose.</p>			
Line No.	Item (a)	Contra Account Debited or Credited (b)	Amount (c)
1	Reserve for Pensions-Union and Non-Union (Account 263)		
2	Balance Beginning of Year		\$ 3,507,453
3			
4	Pension/OCI Regulatory Asset	182	643,179
5	Expense - later deferred into regulatory asset per tracker mechanism	926	0
6	Expense	926	0
7	SERP payments	131	(202,937)
8			
9	Balance End of Year - Reserve for Pensions		<u>3,947,695</u>
10			
11	Reserve for Other Post Employment Benefits - Non-Union (Account 263)		
12	Beginning Balance		8,978,890
13	Expense - later deferred into regulatory asset per tracker mechanism	926	(1,890,867)
14	Cash	131	2,834,420
15	OPEB Regulatory Asset/Liability	182	(1,801,041)
16	Balance End of Year - OPEB		<u>8,121,402</u>
17			
18	Reserve for Board of Directors Retirement Plan (Account 263)		
19	Beginning Balance		43,085
20	Adjust Reserve		<u>0</u>
21	Balance End of Year - BOD Retirement Plan		<u>43,085</u>
22			
23	Reserve for Window Warranties (Account 265)		
24	Beginning Balance		4,000
25	Adjust Reserve	925	<u>0</u>
26	Balance End of Year - Window Warranties		<u>4,000</u>
27			
28	Reserve for Worker Compensation, General Liab., Auto Liab. (Account 262)		
29	Beginning Balance		441,058
30	Expense Accruals	925	(56,744)
31	Payments Made	131	<u>0</u>
32	Balance End of Year - Worker Compensation, General Liab., Auto Liab.		<u>384,314</u>
33			
34	Reserve for Banked Vacation (Account 265)		
35	Beginning Balance		960,743
36	Banked Vacation	234/242	<u>22,502</u>
37	Balance End of Year - Banked Vacation		<u>983,245</u>
38			
39	Reserve for Thrift Plan Restoration (Account 265)		
40	Beginning Balance		20,965
41	Thrift Plan Restoration	926	<u>(16,156)</u>
42	Balance End of Year - Thrift Plan Restoration		<u>4,809</u>
43			
44	Reserve for Payroll Taxes Cares Act (Account 263)		
45	Beginning Balance		0
46	Adjust Reserve	236	<u>2,068,418</u>
47	Balance End of Year - Thrift Plan Restoration		<u>2,068,418</u>
48			
49	Total Operating Reserves:		<u>\$ 15,556,968</u>

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RESERVES FOR DEFERRED FEDERAL INCOME TAXES (Accounts 267, 268)

1. Report the information called for below concerning the respondent's accounting for deferred federal income taxes.
2. In the space provided furnish significant explanations, including the following:
- (a) Accelerated Amortization - State for each certification number a brief description of property, total and amortizable cost of such property, date amortization for tax purposes commenced, "normal" depreciation rate used in computing deferred tax amounts.
- (b) Liberalized Depreciation - State the general method or methods of liberalized depreciation being used (sum of years digits, declining balance, etc.), estimated useful lives and classes of plant to which each method is being applied. Furnish a table showing for each year, 1954 to date of this report, the annual amounts of tax deferral, the total debits thereto which have been accounted for as credits to Account 411, Federal Income Taxes Deferred in Prior Years - Credit or comparable account of the previous system of accounts.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Changes During Year			Balance End of Year (f)
			Amounts Debited Account 410 (1) (c)	Amounts Credited Account 411 (2) (d)	Other (e)	
1	Accelerated Amortization	\$	\$	\$		\$
2	(Account 267)					
3	Electric.....					
4	Gas.....					
5	Other (Specify).....					
6	Totals.....					
7	Gas SFAS 109 Reserve - State	-				-
8	Gas SFAS 109 Reserve - Federal	-				-
9	Gas Plant Acquisition Adjustment - State & Federal		-	-		-
	Liberalized Depreciation (Account 268)					
10	Electric.....					
11	Gas - State.....	53,773,619	3,705,947	-		57,479,566
12	Gas - Federal.....	183,088,606	2,516,800	(1,259,008)	-	184,346,398
	Other (Specify) - Non Utility - State					
	Non Utility - Federal					
13	Totals.....	236,862,225	6,222,747	(1,259,008)	-	241,825,964
14	Gas - Other Reserves - State.....	(61,100,023)	5,187,854	(11,282,976)	(953,773)	(68,148,918)
15	Gas - Other Reserves - Federal.....	(197,578,089)	23,324,692	(37,968,168)	3,041,343	(209,180,222)
16	Totals.....	(258,678,112)	28,512,546	(49,251,144)	2,087,570	(277,329,140)
	Total (Accounts 267, 268)					
17	Electric.....					
18	Gas.....					
19	Other Adjustments.....					
20		(21,815,887)	34,735,293	(50,510,152)	2,087,570	(35,503,176)
21	Totals.....	(21,815,887)	34,735,293	(50,510,152)	2,087,570	(35,503,176)

Note: Dollars reported in line 11 includes dollars reported on line 14 in the prior year.

22	Analysis of Charges:					
23	Provision for Deferred Income Taxes			(15,774,860)		(35,503,176)
24	Provision for Plant Acquisition Adjustment			-		-
25	Regulatory Asset related to State Rate Change			-		-
26	Regulatory Asset related to Fed Rate Change			-		-
27	SFAS 109 DIT Regulatory Liabilities-Act 254 (See Page 33)			3,861,658		-
28	SFAS 109 DIT Regulatory Assets-Act 186 (See Page 27)			(1,774,091)		-
29				(13,687,293)		(35,503,176)
30	(1) Account 410, Provision for Deferred Federal Income Taxes					
30	(2) Account 411, Federal Income Taxes Deferred in Prior Years- Credit					

CONTRIBUTIONS IN AID OF CONSTRUCTION (Account 271)

Report below the amount of contributions in aid of construction applicable to each utility department.

Line No.	Class of Utility Service (a)	Balance Beginning of Year (b)	Debits		Credits (e)	Balance End of Year (f)
			Account Credited (c)	Amount (d)		
30						
31	Contributions in Aid of Construction (offset in Account 101)	8,642,775			240,745	8,883,520
32						
33						
34						
35						
36						
37						
38						
39	TOTALS	8,642,775			240,745	8,883,520

GAS OPERATING REVENUES (Account 400)							
Line No.		Operating Revenues		MMBTU Sold (1000 BTU)		Average Number of Customers per Month	
		Amount for Year	Increase or (Decrease) from Preceding Year	Amount for Year	Increase or (Decrease) from Preceding Year	Number for Year	Increase or (Decrease) from Preceding Year
(a)		(b)	(c)	(d)	(e)	(f)	(g)
1	SALES OF GAS						
2	480 Residential Sales **.....	\$ 246,907,513	\$ (121,623,487)	19,311,383	(7,191,437)	298,226	4,788
3	481 Commercial and Industrial Sales:						
4	Commercial & Industrial **	68,316,539	(41,556,980)	7,352,354	(3,399,161)	26,210	232
5	Interruptible, see instr.5.....	0	0				
6	482 Other Sales to Public Authorities.....	0	0				
7	484 Interdepartmental Sales.....	0	0				
8							
9	485 Miscellaneous Gas Sales... Unbilled.....	(33,497,500)	(31,300,500)	(2,611,544)	(3,034,179)		
10							
11	Total Sales to Ultimate Consumers....	281,726,552	(194,480,967)	24,052,193	(13,624,777)	324,436	5,020
12	483 Sales for Resale.....	218,953	(822,722)	57,687	(173,781)		0
13							
14	Total Sales of Gas	281,945,505	(195,303,689)	24,109,880	(13,798,558)	324,436	5,020
15							
16							
17							
18	OTHER OPERATING REVENUES						
19	480 Residential Transportation**	221,180	(313,936)	31,032	(42,276)	294	(170)
20	487 Forfeited Discounts.....	190,036	(385,047)				
21	488 Miscellaneous Service Revenues.....	0	0				
22	489 Revenues from Trans.of Gas of Others**	34,390,245	(16,669,774)	14,586,169	(5,857,562)	5,233	236
23	490 Sales of Products Extracted from Natural Gas.....	0	0				
24	491 Rev. from Natural Gas Processed by Others.....	0	0				
25	493 Rent from Gas Property	80,258	(60,138)				
26	494 Interdepartmental Rents.....	0	0				
27	495 Other Gas Revenues.....	48,961,168	5,392,421				
28							
29	Total Other Operating Revenues.....	83,842,887	(12,036,474)				
30							
31	Total Gas Operating Revenues.....	\$ 365,788,392	\$ (207,340,163)	38,727,081	(19,698,396)	329,963	5,086
			Purchased Price Adjustment Clauses	Fuel Clauses			
32	** Includes billed revenues from application of		136,131,181.52	74,952,196			
33	Total MMBTU to which Applied.....		26,663,736	38,771,803			

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SALES OF GAS TO ULTIMATE CONSUMERS

Report by account the MMBTUs sold, the amount derived and the number of customers under each filed schedule or contract. Contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	MMBTU (1000 BTU) (b)	Revenue (c)	Average Revenue per MMBTU (\$0.0000) (d)	Number of Customers (Per Bills Rendered)	
						July 31 (e)	October 8 (f)
1	480	R-1 Residential Non-Heating	220,233	\$ 4,425,812	\$ 20.0960	15,990	15,918
2	480	R-2 Residential Non-Heating Low Income	44,803	857,215	19.1330	2,993	3,038
3	480	R-3 Residential Heating	16,397,717	208,051,654	12.6878	240,505	240,295
4	480	R-4 Residential Heating Low Income	2,648,540	33,572,367	12.6758	39,315	39,813
5	480	R-5 Outdoor Lighting	90	465	5.1667	0	0
6							
7		Total Residential	19,311,383	246,907,513	12.7856	298,803	299,064
8							
9	481	G-40 Commercial Low Annual/High Winter	1,774,164	21,527,758	12.1340	18,527	18,505
10	481	G-41 Commercial Med Annual/High Winter	2,579,769	23,868,643	9.2522	3,430	3,401
11	481	G-50 Commercial Low Annual/Low Winter	260,929	2,736,389	10.4871	2,667	2,714
12	481	G-51 Commercial Med Annual/Low Winter	937,868	6,884,496	7.3406	1,317	1,305
13	481	G-42 Industrial High Annual/High Winter	819,719	6,822,070	8.3224	176	174
14	481	G-43 Industrial Extra High Annual/High Winter	183,056	1,369,306	7.4803	6	6
15	481	G-52 Industrial High Annual/Low Winter	502,148	3,203,544	6.3797	70	71
16	481	G-53 Industrial Extra High Annual/Low Winter	294,701	1,904,333	6.4619	12	11
17							
18		Total Commercial & Industrial	7,352,354	68,316,539	9.2918	26,205	26,187
19							
20							
21		Unbilled	(2,611,544)	(33,497,500)	12.8267	N/A	N/A
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
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43							
44							
45							
46							
47							
48							
49		TOTAL SALES TO ULTIMATE CONSUMERS (Page 43 line 11)	24,052,193	\$ 281,726,552	\$ 11.7131	325,008	325,251

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GAS OPERATION AND MAINTENANCE EXPENSES			
1. Enter in the space provided the operation and maintenance expenses for the year. 2. If the increases and decreases are not derived from previously reported figures explain in footnote.			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	PRODUCTION EXPENSES		
2	MANUFACTURED GAS PRODUCTION EXPENSES		
3	STEAM PRODUCTION		
4	Operation:		
5	700 Operation Supervision and Engineering.....		
6	701 Operation labor.....		
7	702 Boiler Fuel.....		
8	703 Miscellaneous steam expenses.....		
9	704 Steam transferred-Cr.....		
10	Total operation.....		
11	Maintenance:		
12	705 Maintenance supervision and engineering.....		
13	706 Maintenance of structures and improvements.....		
14	707 Maintenance of boiler plant equipment.....		
15	708 Maintenance of other steam production plant.....		
16	Total Maintenance.....		
17	Total steam production.....		
18	MANUFACTURED GAS PRODUCTION		
19	Operation:		
20	710 Operation supervision and engineering.....	\$ 114,462	\$ (7,781)
21	Production labor and expenses:		
22	711 Steam expenses.....		
23	712 Other power expenses.....	2,880,126	(4,272,696)
24	715 Water gas generating expenses.....		
25	716 Oil gas generating expenses.....		
26	717 Liquefied petroleum gas expenses.....		-
27	718 Other process production expenses.....	883,360	(235,320)
28	Gas fuels:		
29	721 Water gas generator fuel.....		
30	722 Fuel for oil gas.....		
31	723 Fuel for liquefied petroleum gas process.....		-
32	724 Other gas fuels.....	909,587	(655,774)
33	Gas raw materials:		
34	726 Oil for water gas.....		
35	727 Oil for oil gas.....		
36	728 Liquefied petroleum gas.....	23,991	(194,060)
37	729 Raw materials for other gas processes.....		
38	730 Residuals expenses.....		
39	731 Residuals produced-Cr.....		
40	732 Purification expenses.....		
41	733 Gas mixing expenses.....		
42	734 Duplicate charges-Cr.....		
43	735 Miscellaneous production expenses.....	1,466,983	(140,572)
44	736 Rents.....		
45	Total operation.....	6,278,509	(5,506,203)
46	Maintenance:		
47	740 Maintenance supervision and engineering.....	103,582	(230,711)
48	741 Maintenance of structures and improvements.....	7,233	(9,699)
49	742 Maintenance of production equipment.....	165,318	109,520
50	Total maintenance.....	276,133	(130,890)
51	Total manufactured gas production.....	\$ 6,554,642	\$ (5,637,093)

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GAS OPERATION AND MAINTENANCE EXPENSES-Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OTHER GAS SUPPLY EXPENSES		
2	Operation:		
3	804 Natural gas city gate purchases.....	\$ 109,625,127	\$ (78,905,338)
4	805 Other gas purchases.....	-	-
5	806 Deferred Cost of Gas.....	(8,640,032)	(19,262,334)
6	807 Purchased gas expenses.....		
7	808 Natural Gas Storage Charges.....	4,019,174	(491,519)
8	Cost of Off-System Sales.....		
9	812 Gas used for other utility operations-Cr.....	(83,561)	179,299
10	813 Other gas supply expenses.....	1,031,974	(436,228)
11	Total other gas supply expenses.....	105,952,682	(98,916,120)
12	Total Production Expenses	112,507,324	(104,553,213)
13	LOCAL STORAGE EXPENSES		
14	Operation:		
15	840 Operation supervision and engineering.....		
16	841 Operation labor and expenses.....		
17	842 Rents.....		
18	Total Operation.....		
19	Maintenance:		
20	843 Maintenance supervision and engineering.....		
21	844 Maintenance of structures and improvements.....		
22	845 Maintenance of Gas Holders.....		
23	846 Maintenance of other equipment.....		
24	Total Maintenance.....		
25	Total storage expenses.....		
26	TRANSMISSION AND DISTRIBUTION EXPENSES		
27	Operation:		
28	850 Operation supervision and engineering.....	4,658,408	(3,169,713)
29	851 System control and load dispatching.....	1,078,940	145,148
30	852 Communication system expenses.....	96,893	(53,063)
31	853 Compressor station labor and expenses.....		
32	855 Fuel and power for compressor stations.....		
33	857 Measuring and regulating station expenses.....	622,640	(223,816)
34	858 Transmission and Compression of gas by others.....		
35	874 Mains and services expenses.....	16,048,252	(3,287,890)
36	878 Meter and house regulator expenses.....	2,199,880	(3,272,891)
37	879 Customer Installations expenses.....	6,208,919	(2,858,099)
38	880 Other expenses.....	1,095,442	(714,417)
39	881 Rents.....	77,553	(74,832)
40	Total operation.....	32,086,927	(13,509,573)
41	Maintenance:		
42	885 Maintenance supervision and engineering.....	5,371	(92,077)
43	886 Maintenance of structures and improvements.....	272,304	(204,697)
44	887 Maintenance of mains.....	8,869,848	347,678,635
45	888 Maintenance of compressor station equipment.....		
46	889 Maintenance of measuring and regulating station equipment.....	830,669	(10,206)
47	892 Maintenance of services.....	2,151,508	(3,952,690)
48	893 Maintenance of meters and house regulators.....	394,146	(17,786)
49	894 Maintenance of other equipment.....	677,887	(303,574)
50	Total Maintenance.....	13,201,733	343,097,605
51	Total Transmission and Distribution expenses.....	\$ 45,288,660	\$ 329,588,032

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GAS OPERATION AND MAINTENANCE EXPENSES-Continued				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	CUSTOMER ACCOUNTS EXPENSES			
2	Operation:			
3	901 Supervision.....	\$ -	\$ -	
4	902 Meter reading expenses.....	321,220		(238,732)
5	903 Customer records and collection expenses.....	6,828,972		(3,686,114)
6	904 Uncollectible accounts.....	7,481,012		(840,995)
7	905 Miscellaneous customer accounts expenses.....	41,092,035		(13,064,140)
8	Total customer account expenses.....	55,723,239		(17,829,981)
9	SALES EXPENSES			
10	Operation:			
11	911 Supervision.....	37,314		7,286
12	912 Demonstrating and selling expenses.....	20,212		(101,625)
13	913 Advertising expenses.....	7,809		(89,153)
14	916 Miscellaneous sales expenses.....	-		-
15	Total sales expenses.....	65,335		(183,492)
16	ADMINISTRATIVE AND GENERAL EXPENSES			
17	Operation:			
18	920 Administrative and general salaries.....	18,450,066		(6,334,480)
19	921 Office supplies and expenses.....	5,995,606		(2,025,682)
20	922 Administrative expenses transferred-Cr.....	-		-
21	923 Outside services employed.....	42,799,362		13,214,112
22	924 Property Insurance.....	162,852		(128,954)
23	925 Injuries and damages.....	19,156,945		(42,282,143)
24	926 Employees pensions and benefits.....	12,863,424		(3,326,434)
25	928 Regulatory commission expenses.....	2,583,865		1,398,424
26	929 Duplicate charges-Cr.....	-		-
27	930 Miscellaneous general expenses.....	(6,707,250)		(9,144,931)
28	931 Rents.....	4,638,344		(2,030,489)
29	Total operation.....	99,943,214		(50,660,577)
30	Maintenance:			
31	932 Maintenance of general plant.....	4,501,671		(2,286,257)
32	Total administrative and general expenses.....	104,444,885		(52,946,834)
33	Total gas operation and maintenance expenses	\$ 318,029,443	\$	154,074,512
SUMMARY OF GAS OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
34	Steam production.....			
35	Manufactured gas production.....	\$ 6,278,509	\$ 276,133	\$ 6,554,642
36	Other gas supply expenses.....	105,952,682		105,952,682
37	Total production expenses.....	112,231,191	276,133	112,507,324
38	Local storage expenses.....			
39	Transmission and distribution expenses.....	32,086,927	13,201,733	45,288,660
40	Customer accounts expenses.....	55,723,239		55,723,239
41	Sales expenses.....	65,335		65,335
42	Administrative and general expenses.....	99,943,214	4,501,671	104,444,885
43	Total gas operation and maintenance expenses.....	\$ 300,049,906	\$ 17,979,537	\$ 318,029,443
44	Ratio of operating expenses to operating revenues (carry out decimal two places, e.g.: 0.00%) Compute by dividing Revenues (Acct. 400) into the sum of Operation and Maintenance Expenses (p. 47, line 43(d), Depreciation (Acct. 403) and Amortization (Acct. 407).....			98.54%
45	Total salaries and wages of gas department for year, including amounts charged to operating expenses, construction and other accounts.			71,756,258
46	Total number of employees of gas department at end of year, including administrative, operating, maintenance, construction and other employees (including part time employees).....			782

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If gas is purchased or sold at two or more different rates, the amounts of each rate should be shown in the following table.

SALES FOR RESALE (Account 483)

Line No.	Names of Companies to Which Gas is Sold (a)	Where Delivered and Where and How Measured (b)	MMBTU (1000 BTU) (c)	Rate per M.C.F. (\$0.0000) (d)	Amount (e)
1	Spot Off System Sales	Delivered to customers, various points of delivery	57,687	\$3.7955	218,953
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	TOTALS		57,687	\$3.7955	218,953
16	Portion of above total sold to companies				
17	located outside of Massachusetts:		0	\$0.0000	0

SALE OF RESIDUALS (Accounts 730, 731)

State the revenues and expenses of the respondent resulting from the sale of residuals.

Line No.	Kind (a)	Revenue (b)	Inventory Cost (c)	Labor Handling Selling, Etc. (d)	(e)	Total Cost (f)	Net Revenue (g)
18	None						
19							
20							
21							
22							
23							
24	TOTALS						
25							

PURCHASED GAS (Accounts 804-806)

Line No.	Names of Companies to Which Gas is Purchased (a)	Where Received and Where and How Measured (b)	M.C.F. (1000 BTU) (c)	Rate per M.C.F. (\$0.0000) (d)	Amount (e)
26	See Page 48A				
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS			
40					

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PURCHASED GAS (804 - 806)					
Line No.	Names of Companies from Which Gas is Purchased (a)	Where Received and Where and How Measured (b)	MMBtu (1000 BTU) (c)	Rate Per MMBtu (0.0000) (d)	Amount (e)
1	Suppliers on the Tenn. Gas Pipeline	Various locations by station orifice meter	27,157,341	1.4539	39,484,103
2	Suppliers on the Algonquin Gas Pipeline				
3	Suppliers on the Portland Natural Gas Transmission				
4	Suppliers on the Vector Pipeline				
5	Suppliers on the Texas Eastern Gas Transmission				
6	Suppliers on the Iroquois Gas Transmission System				
7	Suppliers on the National Fuel Gas Supply Pipeline				
8	Suppliers on the TransCanada Pipeline				
9	Suppliers on the Union Gas Pipeline				
10	Suppliers on the Granite State Gas Transmission				
11	Suppliers on the Transcontinental Gas Pipeline				
12	(Includes various Spot Supplies)				
13					
14					
15	Demand charges paid to suppliers				93,542,013
16	and pipelines				
17					
18		Subtotal	27,157,341	4.8983	133,026,116
19					
20					
21	Capacity Release and Off System Sales				(23,400,989)
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38	Total		27,157,341	\$ 4.0367	\$ 109,625,127
39					
40	Deferred Cost of Gas				(8,640,032)
41					
42					
43					
44	Subtotal - Natural gas purchases - Account 804 - 806				100,985,095
45					
46	Total			\$	<u>100,985,095</u>

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TAXES CHARGED DURING YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State",

and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (j). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion to more than one utility

department or account, state in a footnote the basis of apportioning such a tax.

6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)							
			Electric Acct. 408, 409 (c)	Gas Acct. 408, 409 (d)	Capital, etc 107,186,254 (e)	Mdse 415 (f)	Other 417, 419, 421, 426 (g)	Gas Proc by Others 777 (h)	Purch Gas Exp 807 (i)	Rents 931 (j)
1	<u>STATE</u>									
2	MA Franchise (A)			0						
3	Income (OTHER)			0						
4	Unemployment (B)	380,285		380,285						
6	Sales and Use	800		800						
7	<u>LOCAL</u>									
8	Property	27,496,129		26,283,356						1,212,773
9	Motor Vehicle Excise			0						
10										
11	<u>FEDERAL</u>									
12	FICA & Medicare (B)	3,070,496		3,070,496						
13	Unemployment (B)	24,146		24,146						
14	Incentive	(177,417)		(177,417)						
15			Account 408	29,581,666						
16										
17	<u>FEDERAL</u>									
18	Income (A)		Account 409							
19										
20										
21										
22										
23										
24										
25										
26										
27										
28	TOTALS	30,794,439		29,581,666	0	0	0	0	0	1,212,773

(A) Apportioned on Earnings Basis

(B) Apportioned on Payroll Basis

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INCOME FROM MERCHANDISING, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenues, costs, expenses, and net income from merchandising, jobbing and contract work during year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowance and returns.....		\$		\$
4	Contract work.....				
5	Commissions.....				
6	Other-list according to major classes.....				
7	Install.				
8					
9					
10	Total Revenues.....				NONE
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (list according to major				
15	classes of cost).....				
16	Cost of Merchandise Sold.....				
17	Install. expenses				
18	Servicing installed appliance (net).....				
19	Storeroom expenses.....				
20	Fleet expenses.....				
21					
22					
23					
24					
25					
26	Miscellaneous.....				
27	Customer Account Expenses.....				
28	Administrative and general expenses.....				
29	Clerical salaries and wages.....				
30	Employee Benefits & Payroll Tax.....				
31	Income Tax.....				
32	Uncollectible Accounts.....				
33	E/S Property Tax Non-Utility				
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES				NONE
51	Net Profit (or Loss)		\$		\$ NONE

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RECORD OF SENDOUT FOR THE YEAR IN MCF BASED ON 1000 BTU PER CUBIC FOOT							
Line No.	Item	Total	January	February	March	April	May
1	Gas Made						
2	Liquid Natural Gas	437,841	131,656	39,352	45,241	45,020	41,053
3	Propane Air Gas	2,313	2,316	0	0	0	(3)
4	Propane Meter Gas	0	0	0	0	0	0
6	TOTAL.....	440,155	133,972	39,352	45,241	45,020	41,050
7	Off System Sales	(55,988)	(20,272)	(18,910)	(7,290)	0	0
8	Storage Activity	5,420	273,895	165,922	105,551	112,779	(123,968)
	TOTAL.....	(50,569)	253,624	147,012	98,261	112,779	(123,968)
9	Net Gas Purchase	23,310,083	5,559,865	5,144,392	3,824,306	3,047,544	1,667,143
10	End User Transportation	14,387,841	2,101,033	2,026,371	1,744,040	1,419,378	993,954
11	TOTAL.....	37,697,924	7,660,898	7,170,763	5,568,346	4,466,921	2,661,097
12	TOTAL MADE AND PURCHASED	38,087,510	8,048,494	7,357,128	5,711,848	4,624,721	2,578,179
14	Difference Throughput vs. Purchased Gas.....	32,895	5,279	7,521	5,608	668	706
15	TOTAL SENDOUT.....	38,120,405	8,053,773	7,364,649	5,717,456	4,625,389	2,578,885
16	Residential Gas	16,896,938	4,065,698	3,872,133	3,035,906	2,423,177	1,046,488
17	C&I Gas	6,461,381	1,571,567	1,491,285	1,108,051	906,391	328,647
18	Interruptible Gas	0					
19	Transportation	14,203,174	2,181,767	2,033,235	1,725,261	1,396,778	880,190
20	Gas Used by Company.....	190,140	27,866	26,222	22,178	23,003	18,810
21	Gas Accounted for.....	37,751,634	7,846,899	7,422,875	5,891,397	4,749,349	2,274,135
22	Gas Unaccounted for.....	368,771	206,874	(58,226)	(173,941)	(123,960)	304,750
23	% Unaccounted for (0.00%).....	0.97%	2.57%	-0.79%	-3.04%	-2.68%	11.82%
NOTE: On a monthly basis, the MCF volumes provided above represent Company recorded MMBTU quantities converted to MCF using the applicable Mcf/MMBTU BTU conversion factors as provided by upstream pipelines							
24	Sendout in 24 hours						
25	in MMBTU						
26							
27							
28	<u>Brockton</u>						
29	Maximum-MMBtu.....	202,153	202,153	186,030	149,096	107,128	88,938
30	Maximum Date.....	1/17	1/17	2/14	3/1	4/27	5/9
31	Minimum-MMBtu.....	16,539	43,714	77,987	49,713	52,987	21,075
32	Minimum Date.....	7/25	1/11	2/25	3/10	4/12	5/30
33	<u>Springfield</u>						
34	Maximum-MMBtu.....	112,565	112,565	108,317	84,426	59,632	54,423
35	Maximum Date.....	1/17	1/17	2/14	3/1	4/22	5/9
36	Minimum-MMBtu.....	11,585	31,614	50,813	32,723	28,763	15,243
37	Minimum Date.....	7/4	1/11	2/24	3/9	4/7	5/30
38	<u>Lawrence</u>						
39	Maximum-MMBtu.....	65,869	65,869	62,037	47,421	33,505	28,418
40	Maximum Date.....	1/17	1/17	2/14	3/1	4/22	5/9
41	Minimum-MMBtu.....	5,145	13,367	26,135	17,152	16,646	6,781
42	Minimum Date.....	7/11	1/11	2/24	3/9	4/12	5/30

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**RECORD OF SENDOUT FOR THE YEAR IN MCF-CONTINUED
BASED ON 1000 BTU PER CUBIC FOOT**

Line No.	Item	June	July	August	September	October	November	December
1	Gas Made							
2	Liquid Natural Gas	41,618	32,348	25,888	28,528	7,136	0	0
3	Propane Air Gas	0	0	0	0	0	0	0
4	Propane Meter Gas	0	0	0	0	0	0	0
5	Propane Meter Gas	0	0	0	0	0	0	0
6	TOTAL.....	41,618	32,348	25,888	28,528	7,136	0	0
7	Off System Sales	0	(2,432)	0	(7,085)	0	0	0
8	Storage Activity	(120,353)	(122,684)	(131,405)	(139,781)	(14,537)	0	0
	TOTAL.....	(120,353)	(125,115)	(131,405)	(146,866)	(14,537)	0	0
9	Net Gas Purchase	952,115	797,695	891,032	1,075,129	350,862	0	0
10	End User Transportation	1,112,564	1,849,390	1,570,104	1,010,333	560,675	0	0
11	TOTAL.....	2,064,679	2,647,085	2,461,136	2,085,461	911,538	0	0
12	TOTAL MADE AND PURCHASED	1,985,944	2,554,318	2,355,619	1,967,123	904,138	0	0
13								
14	Difference Throughput vs. Purchased Gas.....	3,194	6,942	(3,142)	6,119	0	0	0
15	TOTAL SENDOUT.....	1,989,138	2,561,260	2,352,476	1,973,242	904,138	0	0
16	Residential Gas	470,898	540,735	525,799	717,067	199,037	0	0
17	C&I Gas	227,229	244,607	237,531	258,851	87,221	0	0
18	Interruptible Gas							
19	Transportation	1,172,526	1,852,964	1,627,525	1,043,308	289,621	0	0
20	Gas Used by Company.....	15,104	12,193	21,165	22,480	1,119	0	0
21	Gas Accounted for.....	1,885,757	2,650,499	2,412,019	2,041,705	576,999	0	0
22	Gas Unaccounted for.....	103,381	(89,239)	(59,543)	(68,464)	327,138	0	0
23	% Unaccounted for (0.00%).....	5.20%	-3.48%	-2.53%	-3.47%	36.18%	0.00%	0.00%

NOTE: On a monthly basis, the MCF volumes provided above represent Company recorded MMBTU quantities converted to MCF using the applicable Mcf/MMBTU BTU conversion factors as provided by upstream pipelines

24								
25								
26	Sendout in 24 hours							
27	in MMBTU							
28	<u>Brockton</u>							
29	Maximum-MMBtu.....	30,739	22,042	22,775	47,027	46,629	0	0
30	Maximum Date.....	6/1	7/15	8/31	9/21	10/8	1/0	1/0
31	Minimum-MMBtu.....	17,380	16,539	16,548	18,371	25,358	0	0
32	Minimum Date.....	6/20	7/25	8/1	9/6	10/1	1/0	1/0
33	<u>Springfield</u>							
34	Maximum-MMBtu.....	21,180	17,193	18,213	30,235	28,175	0	0
35	Maximum Date.....	6/1	7/15	8/27	9/21	10/8	1/0	1/0
36	Minimum-MMBtu.....	13,238	11,585	13,725	16,032	20,226	0	0
37	Minimum Date.....	6/27	7/4	8/1	9/6	10/6	1/0	1/0
38	<u>Lawrence</u>							
39	Maximum-MMBtu.....	10,490	7,324	7,953	15,457	15,885	0	0
40	Maximum Date.....	6/1	7/16	8/26	9/21	10/8	1/0	1/0
41	Minimum-MMBtu.....	5,619	5,145	5,605	6,327	8,833	0	0
42	Minimum Date.....	6/20	7/11	8/1	9/5	10/1	1/0	1/0

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GAS GENERATING PLANT			
Line No.	General Description - Location, Size, Type, etc.	No. of Sets	24 Hour Cap. (MMBtu)
1	Liquid Propane Plant Brockton		21,000
2	Liquefied Natural Gas Plant Easton		44,000
3	Liquefied Natural Gas Plant Marshfield		8,000
4	Liquid Propane Plant W. Springfield		18,000
5	Liquid Propane Plant Northampton		5,000
6	Liquid Propane Plant Lawrence		14,000
7	Liquefied Natural Gas Plant Ludlow		48,000
8	Liquefied Natural Gas Plant Lawrence		12,500
9			
10			
11			
12			
13			
14			
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43			
44			
45	TOTAL		170,500

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TRANSMISSION AND DISTRIBUTION MAINS

Report by size, for all mains and lines, the information called for below for cast iron, welded, wrought iron, and steel mains. Sub-totals should be shown for each type.

Line No.	Diameter	Total Length in Feet at Beginning of Year	Added During Year	Taken Up During Year	Abandoned but Not Removed During Year	Total Length in Feet at End of Year
1	<u>CAST IRON</u>					
2	3"	207,342			241	207,101
3	4"	707,290			3,281	704,009
4	6"	1,027,939			2,971	1,024,968
5	8"	110,798			22	110,776
6	10"	59,833				59,833
7	12"	104,092				104,092
8	14"	6,099				6,099
9	16"	54,366				54,366
10	20"	6,375				6,375
11	24"	2,256				2,256
12						
13	Sub Total	2,286,390			6,515	2,279,875
14	<u>STEEL</u>					
15	Under 4"	5,153,163	413		4,001	5,149,575
16	4"	2,509,627	42		8,978	2,500,691
17	6"	2,996,311	205		9,121	2,987,395
18	8"	1,267,336	367		1,451	1,266,252
19	10"	168,729			0	168,729
20	12"	659,359	8		1,393	657,974
21	16"	166,887	259		471	166,675
22	20"	7,482				7,482
23	24"	3,881				3,881
24	Sub Total	12,932,775	1,294		25,415	12,908,654
25	<u>PLASTIC</u>					
26	Under 4"	6,511,951	72,725		2,600	6,582,076
27	4"	2,651,846	31,675		3,885	2,679,636
28	6"	1,526,384	25,507		1,137	1,550,754
29	8" or Over	708,545	4,384		122	712,807
30	Sub Total	11,398,726	134,291		7,744	11,525,273
31	TOTALS	26,617,891	135,585		39,674	26,713,802
Normal Operating Pressure - Mains and Lines						LP 6" HP 40"
Maximum 100 lb						
Normal Operating Pressure - Services						LP 6" HP 25"
Maximum 60 lb						

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GAS DISTRIBUTION SERVICES, HOUSE GOVERNORS AND METERS

Report below the information called for concerning Distribution Services, House Governors and Meters

Line No.	Item	Gas Services	House Governors	Meters
1	Number at beginning of year.....	276,447	0	345,009
2	Additions during year:			
3	Purchased.....	2,759		12,075
4	Installed.....			
5	Meter adjustments.....			11,384
6	Total Additions.....	2,759	0	23,459
7	Reductions during year:			
8	Retirements.....	1,631		14,547
9	Service adjustments.....		0	
10	Total Reductions.....	1,631	0	14,547
11	Number at End of Year.....	277,575	0	353,921
12	In Stock.....			18,961
13	On Customers' Premises - Inactive.....			2,508
14	On Customers' Premises - Active.....			332,392
15	In Company Use.....			60
16	Number at End of Year.....			353,921
17	Number of Meters Tested by State Inspectors During Year.....			1,527
House Governors are included as a component of the Gas Service.				

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RESIDENTIAL NON-HEATING
RESIDENTIAL RATE R-1

AVAILABILITY

Service is available under this rate at single locations for all domestic purposes, except for resale, in individual private dwellings and individual apartments including condominiums and their facilities as defined in G.L. Chapter 183A, Section 1 and DPU 86-159 dated February 6, 1987.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - BI-MONTHLY

The Bi-Monthly rate schedule applicable to all customers being served with Company meters that do not have an installed radio-based automated meter reading device is as follows:

Customer Charge Per Two Month Period		\$ 24.40
Off-Peak	All therms	@ \$ 0.6638 per therm
Peak	All therms	@ \$ 0.6638 per therm

RATE – MONTHLY

The Monthly rate schedule applicable to all customers being served with Company meters that have an installed radio-based automated meter reading device is as follows:

Customer Charge Per One Month Period		\$ 12.20
Off-Peak	All therms	@ \$ 0.6638 per therm
Peak	All therms	@ \$ 0.6638 per therm

**RESIDENTIAL NON-HEATING
RESIDENTIAL RATE R-1**

MINIMUM CHARGE

The minimum charge per month shall be the applicable bi-monthly or monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISION

Where more than one but less than four individual apartments or dwellings are served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments or dwellings are served through one meter, the billings will be calculated on the appropriate Commercial and Industrial Service Rate.

RESIDENTIAL NON-HEATING
RESIDENTIAL RATE R-1

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

**LOW INCOME RESIDENTIAL NON-HEATING
RESIDENTIAL RATE R-2**

AVAILABILITY

Service is available under this rate at single locations for all domestic purposes, except for resale, in individual private dwellings and individual apartments to persons who verify receipt of any means-tested public-benefit program or verify eligibility for the low-income home energy assistance program or its successor program, for which eligibility does not exceed 60 percent of the median income in Massachusetts based on a household's gross income or other criteria approved by the Department.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - BI- MONTHLY

The Bi-Monthly rate schedule applicable to all customers being served with Company meters that do not have an installed radio-based automated meter-reading device is as follows:

Customer Charge Per Two Month Period		\$ 24.40	
Off-Peak	-	All therms	@ \$ 0.6638 per therm
Peak	-	All therms	@ \$ 0.6638 per therm

RATE – MONTHLY

The Monthly rate schedule applicable to all customers being served with Company meters that have an installed radio-based automated meter reading device is as follows:

Customer Charge Per One Month Period		\$ 12.20	
Off-Peak	-	All therms	@ \$ 0.6638 per therm
Peak	-	All therms	@ \$ 0.6638 per therm

**LOW INCOME RESIDENTIAL NON-HEATING
RESIDENTIAL RATE R-2**

MINIMUM CHARGE

The minimum charge per month shall be the applicable bi-monthly or monthly Customer Charge, less the application of the Low Income Discount Adjustment provided under this rate schedule.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall be adjusted by a discount of 25.0 percent (25.0%) pursuant to D.P.U. 12-25.

DEFINITIONS

Off-Peak Period - Defined as the period May 1st through October 31st.
Peak Period - Defined as the period November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISIONS

Where more than one but less than four individual apartments or dwellings is served through one meter, the billings shall be calculated as though each individual dwelling or apartment were

**LOW INCOME RESIDENTIAL NON-HEATING
RESIDENTIAL RATE R-2**

served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments or dwellings are served through one meter, the billings shall be calculated on the appropriate Commercial and Industrial Service Rate.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

RESIDENTIAL HEATING
RESIDENTIAL RATE R-3

AVAILABILITY

Service is available under this rate at single domestic locations for all purposes, except for resale, in individual private dwellings and individual apartments including condominiums and their facilities as defined in G. L. Chapter 183A, Section 1 and DPU 86-159 dated February 6, 1987 where such residences are heated exclusively by means of permanently installed space heating equipment.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 12.20
Off-Peak	All therms	@ \$ 0.4602 per therm
Peak	All therms	@ \$ 0.4602 per therm

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

RESIDENTIAL HEATING
RESIDENTIAL RATE R-3

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISION

- a) Where more than one but less than four individual apartments or dwellings are served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments or dwellings are served through one meter the billing shall be calculated on the appropriated Commercial and Industrial Service Rate.
- b) Temporary service will be supplied, upon written application for the limited period necessary to protect and dry out unoccupied private residences under construction. Gas fired, permanently installed heating equipment of a type approved by the Company shall be the sole source of heat for the residence. The charge shall be computed in accordance with Residential Rate R-3.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

LOW INCOME RESIDENTIAL HEATING
RESIDENTIAL RATE R-4

AVAILABILITY

Service is available under this rate at single domestic locations for all purposes, except for resale, in individual private dwellings and individual apartments where such residences are heated exclusively by means of permanently attached space heating equipment to persons who verify receipt of any means-tested public-benefit program or verify eligibility for the low-income home energy assistance program or its successor program, for which eligibility does not exceed 60 percent of the median income in Massachusetts based on a household's gross income or other criteria approved by the Department..

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 12.20
Off-Peak	All therms	@ \$ 0.4602 per therm
Peak	All therms	@ \$ 0.4602 per therm

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge, less the application of the Low Income Discount Adjustment provided under this rate schedule.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

LOW INCOME RESIDENTIAL HEATING
RESIDENTIAL RATE R-4

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall be adjusted by a discount of 25.0 percent (25.0%) pursuant to D.P.U. 12-25.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISIONS

Where more than one but less than four individual apartments or dwellings is served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments are served through one meter the billing shall be calculated on the appropriate Commercial and Industrial Service Rate.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(LOW ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-40

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 19.80
Off-Peak	All therms	@ \$0.4550 per therm
Peak	All therms	@ \$0.4550 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of less than 5,000 therms and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

COMMERCIAL AND INDUSTRIAL SERVICE
(LOW ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-40

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(MEDIUM ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-41

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 78.30
Off-Peak	All therms	@ \$0.2707 per therm
Peak	All therms	@ \$0.2707 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of between 5,000 therms and 39,999 therms and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COMMERCIAL AND INDUSTRIAL SERVICE
(MEDIUM ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-41

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

COMMERCIAL AND INDUSTRIAL SERVICE
(MEDIUM ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-41

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(HIGH ANNUAL USE / HIGH PEAK PERIOD)
RATE G-42

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 290.00
Off-Peak	All therms	@ \$0.1455 per therm
Peak	All therms	@ \$0.2360 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage between 40,000 and 249,999 therms and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures. With the exception that customers whose annual use is greater than 249,999 therms, and if the Company has been unable to install an Automated Meter Reading Device, such customers also shall take service under this rate schedule.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge

COMMERCIAL AND INDUSTRIAL SERVICE
(HIGH ANNUAL USE / HIGH PEAK PERIOD)
RATE G-42

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

COMMERCIAL AND INDUSTRIAL SERVICE
(HIGH ANNUAL USE / HIGH PEAK PERIOD)
RATE G-42

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(EXTRA HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-43

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month:		\$ 1,155.90
Demand Rates:	Off-Peak	- @ \$ 0.9614 per therm of maximum daily gas usage
	Peak	- @ \$ 2.3034 per therm of maximum daily gas usage
Volumetric Rates:	Off-Peak	- @ \$0.0525 per therm
	Peak	- @ \$0.1070 per therm

CALCULATION OF DEMAND CHARGES

Demand charges shall be calculated by applying the Demand Rate to the actual measured maximum daily gas usage in the billing month.

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of 250,000 therms or more and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

COMMERCIAL AND INDUSTRIAL SERVICE
(EXTRA HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-43

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which, it shall automatically renew itself for like one year periods thereafter, unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

COMMERCIAL AND INDUSTRIAL SERVICE
(EXTRA HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE G-43

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

SPECIAL PROVISIONS

All customers eligible for this service class must provide and maintain a phone line for use by the Company and provide the Company with reasonable access to the meter for installation and maintenance of the Automated Meter Reading device. Customers must have Automated Meter Reading devices installed in order to receive service according to this schedule. If the Company determines that Automated Meter Reading is impractical, the customer may receive service under the terms of Rate Schedule G-42.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(LOW ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-50

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 19.80
Off-Peak	All therms	@ \$0.4337 per therm
Peak	All therms	@ \$0.4337 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of less than 5,000 therms and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COMMERCIAL AND INDUSTRIAL SERVICE
(LOW ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-50

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(MEDIUM ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-51

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$78.30
Off-Peak	All therms	@ \$0.1477 per therm
Peak	All therms	@ \$0.2499 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of between 5,000 and 39,999 therms and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

COMMERCIAL AND INDUSTRIAL SERVICE
(MEDIUM ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-51

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

COMMERCIAL AND INDUSTRIAL SERVICE
(MEDIUM ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-51

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-52

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 290.00
Off-Peak	All therms	@ \$0.1140 per therm
Peak	All therms	@ \$0.2263 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage between 40,000 and 249,999 therms and peak period usage less than 70 percent of annual use as determined by Company records and procedures. With the exception that customers whose annual use is greater than 249,999 therms, and if the Company has been unable to install an Automated Meter Reading Device, such customers also shall take service under this rate schedule.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

COMMERCIAL AND INDUSTRIAL SERVICE
(HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-52

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

COMMERCIAL AND INDUSTRIAL SERVICE
(HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-52

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

COMMERCIAL AND INDUSTRIAL SERVICE
(EXTRA HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-53

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company to Commercial and Industrial customers having certain characteristics, as defined below, for all purposes when gas is for their exclusive use and not for resale.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month:			\$ 1,155.90
Demand Rates:	Off-Peak	-	@ \$ 0.9614 per therm of maximum daily gas usage
	Peak	-	@ \$ 2.3034 per therm of maximum daily gas usage
Volumetric Rates:	Off-Peak	-	@ \$ 0.0525 per therm
	Peak	-	@ \$ 0.1070 per therm

CALCULATION OF DEMAND CHARGES

Demand charges shall be calculated by applying the Demand Rate to the actual measured maximum daily gas usage in the billing month.

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of 250,000 therms or more and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

COMMERCIAL AND INDUSTRIAL SERVICE
(EXTRA HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-53

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas sold under this rate.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which, it shall automatically renew itself for like one year periods thereafter, unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

COMMERCIAL AND INDUSTRIAL SERVICE
(EXTRA HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE G-53

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

SPECIAL PROVISIONS

All customers eligible for this service class must provide and maintain a phone line for use by the Company and provide the Company with reasonable access to the meter for installation and maintenance of the Automated Meter Reading device. Customers must have Automated Meter Reading devices installed in order to receive service according to this schedule. If the Company determines that Automated Meter Reading is impractical, the customer may receive service according to Rate Schedule G-52.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

OUTDOOR GAS LIGHTING SERVICE
RATE L

AVAILABILITY

Service to all customers is available under this rate for outdoor gas lighting where a standard gas light is attached to the Company's existing distribution system, and when it is not feasible to meter gas for such lighting along with other gas used on the premises and bill the same under the rate in effect for all other service. All such installations shall be on private property. Service under this schedule is available only to those customers taking service under this rate as of December 14, 1979.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

\$ 3.41 per month per light.

COST OF GAS ADJUSTMENT AND LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Cost of Gas Adjustment and Local Distribution Adjustment Clause apply to gas sold under this rate.

TERM OF CONTRACT

The terms of contract under this schedule shall be for an initial period of one year, and shall continue in effect thereafter until canceled by either party on 30 days' written notice.

OUTDOOR GAS LIGHTING SERVICE
RATE L

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISIONS

The customer shall own and maintain all equipment necessary for such lighting, including any necessary additional piping. The customer shall replace at his expense any mantles from time to time. All original or replacement equipment shall be approved by the Company.

RULES AND REGULATIONS

The Company's Rules and Regulations in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

NON-HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R1

AVAILABILITY

Service is available under this rate at single domestic locations throughout the territory served by the Company for transportation of supplier-owned gas used in individual private dwellings and individual apartments including condominiums and their facilities as defined in G. L. Chapter 183A, Section 1 and DPU 86-159 dated February 6, 1987.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - BI-MONTHLY

The Bi-Monthly rate schedule applicable to all customers being served with Company meters that do not have an installed radio-based automated meter reading device is as follows:

Customer Charge Per Two Month Period		\$ 24.40
Off-Peak	- All therms	@ \$0.6638 per therm
Peak	- All therms	@ \$0.6638 per therm

RATE – MONTHLY

The Monthly rate schedule applicable to all customers being served with Company meters that have an installed radio-based automated meter reading device is as follows:

Customer Charge Per One Month Period		\$ 12.20
Off-Peak	- All therms	@ \$0.6638 per therm
Peak	- All therms	@ \$0.6638 per therm

NON-HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R1

MINIMUM CHARGE

The minimum charge per month shall be the applicable bi-monthly or monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas transported under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISION

Where more than one but less than four individual apartments or dwellings are served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments or dwellings are served through one meter, the billings will be calculated on the appropriate Commercial and Industrial Service Rate.

NON-HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R1

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, or other arrangements between Customers and Suppliers operating pursuant to the Company's Supplier Service Agreement Terms and Conditions, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

LOW INCOME NON-HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R2

AVAILABILITY

Service is available under this rate at single domestic locations throughout the territory served by the Company for transportation of supplier-owned gas used in individual private dwellings and individual apartments for all domestic purposes to persons who verify receipt of any means-tested public-benefit program or verify eligibility for the low-income home energy assistance program or its successor program, for which eligibility does not exceed 60 percent of the median income in Massachusetts based on a household's gross income or other criteria approved by the Department..

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - BI-MONTHLY

The Bi-Monthly rate schedule applicable to all customers being served with Company meters that do not have an installed radio-based automated meter reading device is as follows:

Customer Charge Per Two Month Period		\$ 24.40
Off-Peak	All therms	@ \$0.6638 per therm
Peak	All therms	@ \$0.6638 per therm

RATE – MONTHLY

The Monthly rate schedule applicable to all customers being served with Company meters that have an installed radio-based automated meter reading device is as follows:

Customer Charge Per One Month Period		\$ 12.20
Off-Peak	All therms	@ \$0.6638 per therm
Peak	All therms	@ \$0.6638 per therm

**LOW INCOME NON-HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R2**

MINIMUM CHARGE

The minimum charge per month shall be the applicable bi-monthly or monthly Customer Charge, less the application of the Low Income Discount Adjustment provided under this rate schedule.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas transported under this rate.

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall be adjusted by a discount of 25.0 percent (25.0%) pursuant to D.P.U. 12-25.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISIONS

Where more than one but less than four individual apartments or dwellings is served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be

**LOW INCOME NON-HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R2**

responsible for the payment of the service. Where four or more individual apartments or dwellings are served through one meter, the billings shall be calculated on the appropriate Commercial and Industrial Service Rate.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, or other arrangements between Customers and Suppliers operating pursuant to the Company's Supplier Service Agreement Terms and Conditions, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R3

AVAILABILITY

Service is available under this rate at single domestic locations throughout the territory served by the Company for transportation of supplier-owned gas used in individual private dwellings and individual apartments including condominiums and their facilities as defined in G. L. Chapter 183A, Section 1 and DPU 86-159 dated February 6, 1987 where such residences are heated exclusively by means of permanently installed space heating equipment.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month			\$ 12.20
Off-Peak	-	All therms	@ \$0.4602 per therm
Peak	-	All therms	@ \$0.4602 per therm

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas transported under this rate.

HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R3

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISION

- a) Where more than one but less than four individual apartments or dwellings are served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments or dwellings are served through one meter the billing shall be calculated on the appropriated Commercial and Industrial Service Rate.
- b) Temporary service will be supplied, upon written application for the limited period necessary to protect and dry out unoccupied private residences under construction. Gas fired, permanently installed heating equipment of a type approved by the Company shall be the sole source of heat for the residence. The charge shall be computed in accordance with Residential Rate R-3.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, or other arrangements between Customers and Suppliers operating pursuant to the Company's Supplier Service Agreement Terms and Conditions, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

LOW INCOME HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R4

AVAILABILITY

Service is available under this rate at single domestic locations throughout the territory served by the Company to persons who verify receipt of any means-tested public-benefit program or verify eligibility for the low-income home energy assistance program or its successor program, for which eligibility does not exceed 60 percent of the median income in Massachusetts based on a household's gross income or other criteria approved by the Department, for transportation of supplier-owned gas used in individual private dwellings and individual apartments where such residences are heated exclusively by means of permanently installed space heating equipment.

CHARACTER OF SERVICE

A continuous supply of gas of not less than 1,000 Btu per cubic foot.

RATE - MONTHLY

Customer Charge Per Month		\$ 12.20
Off-Peak	All therms	@ \$0.4602 per therm
Peak	All therms	@ \$0.4602 per therm

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge, less the application of the Low Income Discount Adjustment provided under this rate schedule.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas transported under this rate.

**LOW INCOME HEATING FIRM TRANSPORTATION SERVICE
RESIDENTIAL RATE T-R4**

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas transported under this rate.

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall be adjusted by a discount of 25.0 percent (25.0%) pursuant to D.P.U. 12-25.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

SPECIAL PROVISIONS

Where more than one but less than four individual apartments or dwellings is served through one meter, the billings shall be calculated as though each individual dwelling or apartment were served through a separate meter by assuming the use was divided equally among them, except that one customer charge will apply. The owner of the property or his designee will be responsible for the payment of the service. Where four or more individual apartments are served through one meter the billing shall be calculated on the appropriate Commercial and Industrial Service Rate, and therefore such accounts are not eligible for the Pilot Program.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, or other arrangements between Customers and Suppliers operating pursuant to the Company's Supplier Service Agreement Terms and Conditions, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(LOW ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-40

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month		\$ 19.80
Off-Peak	All therms	@ \$0.4550 per therm
Peak	All therms	@ \$0.4550 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of less than 5,000 therms and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

FIRM TRANSPORTATION SERVICE
(LOW ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-40

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(MEDIUM ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-41

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month		\$ 78.30
Off-Peak	All therms	@ \$0.2707 per therm
Peak	All therms	@ \$0.2707 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of between 5,000 therms and 39,999 therms and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

FIRM TRANSPORTATION SERVICE
(MEDIUM ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-41

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-42

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month		\$ 290.00
Off-Peak	All therms	@ \$0.1455 per therm
Peak	All therms	@ \$0.2360 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage between 40,000 and 249,999 therms and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

FIRM TRANSPORTATION SERVICE
(HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-42

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(EXTRA HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-43

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month:		\$1,155.90
Demand Rates:	Off-Peak	@ \$ 0.9614 per therm of maximum daily gas usage
	Peak	@ \$ 2.3034 per therm of maximum daily gas usage
Volumetric Rates:	Off-Peak	@ \$ 0.0525 per therm
	Peak	@ \$ 0.1070 per therm

CALCULATION OF DEMAND CHARGES

Demand charges shall be calculated by applying the Demand Rate to the actual measured maximum daily gas usage in the billing month.

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of 250,000 therms or more and peak period usage greater than or equal to 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

FIRM TRANSPORTATION SERVICE
(EXTRA HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-43

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter, unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FIRM TRANSPORTATION SERVICE
(EXTRA HIGH ANNUAL USE / HIGH PEAK PERIOD USE)
RATE T-43

SPECIAL PROVISIONS

All customers eligible for this service class must provide and maintain a phone line for use by the Company and provide the Company with reasonable access to the meter for installation and maintenance of the Automated Meter Reading device. Customers must have Automated Meter Reading devices installed in order to receive service according to this schedule.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(LOW ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-50

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month		\$ 19.80
Off-Peak	All therms	@ \$0.4337 per therm
Peak	All therms	@ \$0.4337 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of less than 5,000 therms and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

FIRM TRANSPORTATION SERVICE
(LOW ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-50

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as being the period November 1st through April 30th

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(MEDIUM ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-51

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month		\$ 78.30
Off-Peak	All therms	@ \$0.1477 per therm
Peak	All therms	@ \$0.2499 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of between 5,000 therms and 39,999 therms and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

FIRM TRANSPORTATION SERVICE
(MEDIUM ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-51

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-52

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month		\$ 290.00
Off-Peak	All therms	@ \$0.1140 per therm
Peak	All therms	@ \$0.2263 per therm

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage between 40,000 and 249,999 therms and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

FIRM TRANSPORTATION SERVICE
(HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-52

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.

Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

FIRM TRANSPORTATION SERVICE
(EXTRA HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-53

AVAILABILITY

This schedule is available at single locations throughout the territory served by the Company for transportation of customer-owned gas used for commercial, industrial, or institutional purposes.

RATE - MONTHLY

Customer Charge Per Month:			\$ 1,155.90
Demand Rates:	Off-Peak	-	@ \$ 0.9614 per therm of maximum daily gas usage
	Peak	-	@ \$ 2.3034 per therm of maximum daily gas usage
Volumetric Rates:	Off-Peak	-	@ \$ 0.0525 per therm
	Peak	-	@ \$ 0.1070 per therm

CALCULATION OF DEMAND CHARGES

Demand charges shall be calculated by applying the Demand Rate to the actual measured maximum daily gas usage in the billing month.

CHARACTERISTICS OF CUSTOMER

A customer receiving service under this schedule must have annual usage of 250,000 therms or more and peak period usage less than 70 percent of annual use as determined by Company records and procedures.

MINIMUM CHARGE

The minimum charge per month shall be the monthly Customer Charge.

FIRM TRANSPORTATION SERVICE
(EXTRA HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-53

REVENUE DECOUPLING ADJUSTMENT CLAUSE

The provisions of the Company's Revenue Decoupling Adjustment Clause apply to gas throughput transported under this rate.

LOCAL DISTRIBUTION ADJUSTMENT CLAUSE

The provisions of the Company's Local Distribution Adjustment Clause apply to gas throughput transported under this rate.

DEFINITIONS

Off-Peak Period - Defined as the period from May 1st through October 31st.
Peak Period - Defined as the period from November 1st through April 30th.

PAYMENT

Bills are net and payable upon presentation.

TERM OF CONTRACT

The term of contract under this schedule shall be for an initial period of at least one year, at the expiration of which initial period it shall automatically renew itself for like one year periods thereafter, unless terminated by either party giving to the other notice in writing 30 days prior to the expiration of any contract year.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this schedule.

FIRM TRANSPORTATION SERVICE
(EXTRA HIGH ANNUAL USE / LOW PEAK PERIOD USE)
RATE T-53

SPECIAL PROVISIONS

All customers eligible for this service class must provide and maintain a phone line for use by the Company and provide the Company with reasonable access to the meter for installation and maintenance of the Automated Meter Reading device. Customers must have Automated Meter Reading devices installed in order to receive service according to this schedule.

DUAL FUEL EQUIPMENT

The rates and charges applicable under this tariff for service rendered to locations with dual fuel equipment are subject to the Special Provision for Use of Dual Fuel Equipment, M.D.P.U. No. 279, which applies to any Customer with installed dual fuel equipment capable of burning gas and another fuel.

FARM DISCOUNT

All charges under this tariff are subject to a ten percent (10%) discount for customers who are certified as eligible by the Massachusetts Department of Food and Agriculture.

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES

(Account 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Account 426.4.

2. Advertising expenditures in this Account shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) news-

paper and magazine editorial services; and (f) other advertising.

3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions, clearly indicating the nature and purpose of the activity.

4. If respondent has not incurred any expenditures contemplated by the instructions of Account 426.4, so state.

5. For reporting years which begin during the calendar year 1963 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

Note: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (b)
1	Consulting Fees - Lobbying	\$ 159,575
2		
3		
4		
5		
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8		
9		
10		
11		
12		
13		
14		
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31		
32		
33	TOTAL	\$ 159,575

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

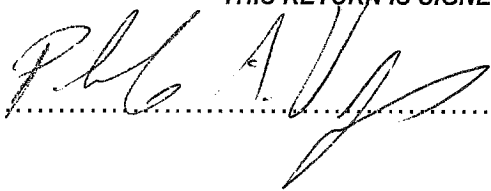
913. ADVERTISING EXPENSES.			
Line No.	Type (a)	General Description (b)	Amount for year (c)
1	Miscellaneous Advertising	Marketing brochures, advertising rebates, newsletters and other expenses	\$ 7,809
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
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39			
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43			
44			
45			
46			
47			
48			
49		TOTAL	\$ 7,809

Annual report ofColumbia Gas of Massachusetts.....Partial Year ended October 8, 2020

DEPOSITS AND COLLATERALStatement of money and the value of any collateral held as guaranty for the payment of charges
pursuant to Massachusetts General Laws, Chapter 164, Section 128.

	Town		Deposit
1	Brockton Division		\$ 1,685,390
2	Lawrence Division		462,178
3	Springfield Division		865,636
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
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31			
32			
33			
34			
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36			
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40			
41			
44			
45			
47			
48			
49		TOTAL	\$ 3,013,204

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY


.....Pablo A. Vegas, Director

Said directors constitute a majority of the directors of Bay State Gas Company in accordance with M.G.L.ch 164 § 83.

SIGNATURES OF THE ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

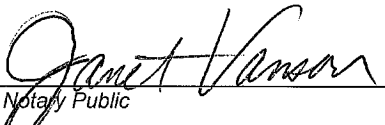
State of Ohio)
) ss:
County of Franklin)

Before me the undersigned notary public, this day, personally appeared Pablo A. Vegas, Director; and made oath to the truth of the foregoing statement by him subscribed according to his best knowledge and belief.

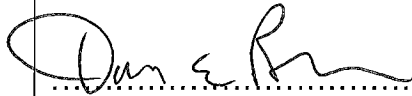
Subscribed and sworn to before me this 29 day of March, 2021.



Janet Vanson
Notary Public, State of Ohio
My Commission Expires 11-08-23


Notary Public

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



..... Donald E. Brown, President, Director, & Chief Financial Officer

Said directors constitute a majority of the directors of Bay State Gas Company in accordance with M.G.L.ch 164 § 83.

SIGNATURES OF THE ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

State of Ohio)
) ss:
County of Franklin)

Before me the undersigned notary public, this day, personally appeared Donald E. Brown, President, Director, & Chief Financial Officer; and made oath to the truth of the foregoing statement by him subscribed according to his best knowledge and belief.

Subscribed and sworn to before me this 19 day of March, 2021.

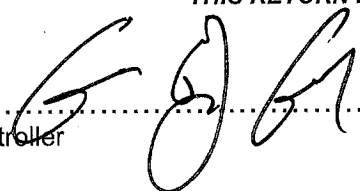


Janet Vanson
Notary Public, State of Ohio
My Commission Expires 11-08-23



Notary Public

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.....Gunnar J. Gode, Vice President, Chief Accounting Officer, &
Controller

Said directors constitute a majority of the directors of Bay State Gas Company in accordance with M.G.L.ch 164 § 83.

SIGNATURES OF THE ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO


State of Ohio)
) ss:
County of Franklin)

Before me the undersigned notary public, this day, personally appeared Gunnar J. Gode, Vice President, Chief Accounting Officer, & Controller; and made oath to the truth of the foregoing statement by him subscribed according to his best knowledge and belief.

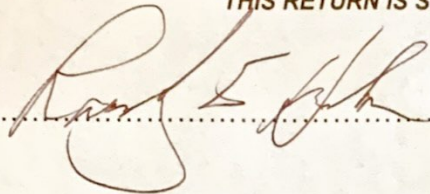
Subscribed and sworn to before me this 25 day of March, 2021.



Janet Vanson
Notary Public, State of Ohio
My Commission Expires 11-08-23


Notary Public

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

..... Randy G. Hulen, Vice President & Treasurer

Said directors constitute a majority of the directors of Bay State Gas Company in accordance with M.G.L.ch 164 § 83.

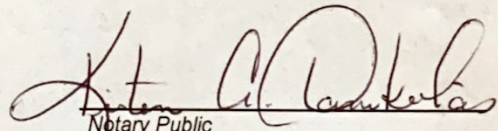
SIGNATURES OF THE ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

State of Indiana)
) ss:
County of ~~Porter~~)
 Lake

Before me the undersigned notary public, this day, personally appeared Randy G. Hulen, Vice President & Treasurer; and made oath to the truth of the foregoing statement by him subscribed according to his best knowledge and belief.

Subscribed and sworn to before me this 22nd day of March, 2021.




Notary Public

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 10-K



ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d)

OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2020

OR



TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)

OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 001-16189

NiSource Inc.

(Exact name of registrant as specified in its charter)

DE

(State or other jurisdiction of
incorporation or organization)

801 East 86th Avenue
Merrillville, IN

(Address of principal executive offices)

35-2108964

(I.R.S. Employer
Identification No.)

46410

(Zip Code)

(877) 647-5990

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol(s)	Name of Each Exchange on Which Registered
Common Stock, par value \$0.01 per share	NI	NYSE
Depository Shares, each representing a 1/1,000th ownership interest in a share of 6.50% Series B		
Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock, par value \$0.01 per share, liquidation preference \$25,000 per share and a 1/1,000th ownership interest in a share of Series B-1 Preferred Stock, par value \$0.01 per share, liquidation preference \$0.01 per share	NI PR B	NYSE

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☒ No ☐

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definition of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12-b-2 of the Exchange Act.

Large accelerated filer ☒ Accelerated Filer ☐ Emerging Growth Company ☐ Non-accelerated Filer ☐ Smaller Reporting Company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. ☒

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes ☐ No ☒

The aggregate market value of the registrant's common stock, par value \$0.01 per share (the "Common Stock") held by non-affiliates was approximately \$8,671,854,266 based upon the June 30, 2020, closing price of \$22.74 on the New York Stock Exchange.

There were 391,859,711 shares of Common Stock outstanding as of February 9, 2021.

Documents Incorporated by Reference

Part III of this report incorporates by reference specific portions of the Registrant's Notice of Annual Meeting and Proxy Statement relating to the Annual Meeting of Stockholders to be held on May 25, 2021.

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DEFINED TERMS

The following is a list of abbreviations or acronyms that are used in this report:

NiSource Subsidiaries, Affiliates and Former Subsidiaries

Columbia of Kentucky	Columbia Gas of Kentucky, Inc.
Columbia of Maryland	Columbia Gas of Maryland, Inc.
Columbia of Massachusetts	Bay State Gas Company
Columbia of Ohio	Columbia Gas of Ohio, Inc.
Columbia of Pennsylvania	Columbia Gas of Pennsylvania, Inc.
Columbia of Virginia	Columbia Gas of Virginia, Inc.
Company	NiSource Inc. and its subsidiaries, unless otherwise indicated by the context
NIPSCO	Northern Indiana Public Service Company LLC
NiSource ("we," "us" or "our")	NiSource Inc.
NiSource Corporate Services	NiSource Corporate Services Company

Abbreviations

ACE	Affordable clean energy
AFUDC	Allowance for funds used during construction
AMR	Automatic meter reading
AOCI	Accumulated Other Comprehensive Income
ASC	Accounting Standards Codification
ASU	Accounting Standards Update
ATM	At-the-market
Board	Board of Directors
BTA	Build-transfer agreement
CAP	Compliance Assurance Process
CCGT	Combined Cycle Gas Turbine
CCRs	Coal Combustion Residuals
CEP	Capital Expenditure Program
CERCLA	Comprehensive Environmental Response Compensation and Liability Act (also known as Superfund)
COVID-19 ("the COVID-19 pandemic" or "the pandemic")	Novel Coronavirus 2019
DPA	Deferred prosecution agreement
DPU	Department of Public Utilities
DSIC	Distribution System Investment Charge
DSM	Demand Side Management
EPA	United States Environmental Protection Agency
EPS	Earnings per share
FAC	Fuel adjustment clause
FASB	Financial Accounting Standards Board
FERC	Federal Energy Regulatory Commission
FMCA	Federally Mandated Cost Adjustment
GAAP	Generally Accepted Accounting Principles
GCA	Gas cost adjustment
GHG	Greenhouse gas
GWh	Gigawatt hours

HLBV
 IRP
 IRS
 IURC
 LDCs
 LIBOR
 LIFO
 MA DOR
 Massachusetts Business

 MGP
 MISO
 MMDth
 MW
 MWh
 NOL
 NTSB
 NYMEX
 NYSE
 OPEB
 PCB
 PHMSA

 PPA
 PSC
 PUC
 PUCO
 RCRA
 ROE
 Rosewater
 ROU
 SAVE
 SEC
 SMRP
 SMS
 STRIDE
 Sugar Creek
 TCJA
 TDSIC
 TSA
 U.S. Attorney's Office
 VIE
 VSCC

DEFINED TERMS

Hypothetical Liquidation at Book Value
 Infrastructure Replacement Program
 Internal Revenue Service
 Indiana Utility Regulatory Commission
 Local distribution companies
 London inter-bank offered rate
 Last-in, first-out
 Massachusetts Department of Revenue
 All of the assets sold to, and liabilities assumed by, Eversource pursuant to the Asset Purchase Agreement
 Manufactured Gas Plant
 Midcontinent Independent System Operator
 Million dekatherms
 Megawatts
 Megawatt hours
 Net Operating Loss
 National Transportation Safety Board
 The New York Mercantile Exchange
 The New York Stock Exchange
 Other Postretirement and Postemployment Benefits
 Polychlorinated biphenyls
 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration
 Power Purchase Agreement
 Public Service Commission
 Public Utility Commission
 Public Utilities Commission of Ohio
 Resource Conservation and Recovery Act
 Return on Equity
 Rosewater Wind Generation LLC
 Right of use
 Steps to Advance Virginia's Energy Plan
 Securities and Exchange Commission
 Safety Modification and Replacement Program
 Safety Management System
 Strategic Infrastructure Development and Enhancement
 Sugar Creek electric generating plant
 Tax Cuts and Jobs Act of 2017
 Transmission, Distribution and Storage System Improvement Charge
 Transition Service Agreement
 U.S. Attorney's Office for the District of Massachusetts
 Variable Interest Entity
 Virginia State Corporation Commission

Note regarding forward-looking statements

This Annual Report on Form 10-K contains “forward-looking statements,” within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the

"Exchange Act"). Investors and prospective investors should understand that many factors govern whether any forward-looking statement contained herein will be or can be realized. Any one of those factors could cause actual results to differ materially from those projected. These forward-looking statements include, but are not limited to, statements concerning our plans, strategies, objectives, expected performance, expenditures, recovery of expenditures through rates, stated on either a consolidated or segment basis, and any and all underlying assumptions and other statements that are other than statements of historical fact. Expressions of future goals and expectations and similar expressions, including "may," "will," "should," "could," "would," "aims," "seeks," "expects," "plans," "anticipates," "intends," "believes," "estimates," "predicts," "potential," "targets," "forecast," and "continue," reflecting something other than historical fact are intended to identify forward-looking statements. All forward-looking statements are based on assumptions that management believes to be reasonable; however, there can be no assurance that actual results will not differ materially.

Factors that could cause actual results to differ materially from the projections, forecasts, estimates and expectations discussed in this Annual Report on Form 10-K include, among other things, our ability to execute our business plan or growth strategy, including utility infrastructure investments; potential incidents and other operating risks associated with our business; our ability to adapt to, and manage costs related to, advances in technology; impacts related to our aging infrastructure; our ability to obtain sufficient insurance coverage and whether such coverage will protect us against significant losses; the success of our electric generation strategy; construction risks and natural gas costs and supply risks; fluctuations in demand from residential and commercial customers; fluctuations in the price of energy commodities and related transportation costs or an inability to obtain an adequate, reliable and cost-effective fuel supply to meet customer demands; the attraction and retention of a qualified workforce and ability to maintain good labor relations; our ability to manage new initiatives and organizational changes; the performance of third-party suppliers and service providers; potential cyber-attacks; any damage to our reputation; any remaining liabilities or impact related to the sale of Massachusetts Business; the impacts of natural disasters, potential terrorist attacks or other catastrophic events; the impacts of climate change and extreme weather conditions; our debt obligations; any changes to our credit rating or the credit rating of certain of our subsidiaries; adverse economic and capital market conditions or increases in interest rates; economic regulation and the impact of regulatory rate reviews; our ability to obtain expected financial or regulatory outcomes; continuing and potential future impacts from the COVID-19 pandemic; economic conditions in certain industries; the reliability of customers and suppliers to fulfill their payment and contractual obligations; the ability of our subsidiaries to generate cash; pension funding obligations; potential impairments of goodwill; changes in the method for determining LIBOR and the potential replacement of the LIBOR benchmark interest rate; the outcome of legal and regulatory proceedings, investigations, incidents, claims and litigation; potential remaining liabilities related to the Greater Lawrence Incident; compliance with the agreements entered into with the U.S. Attorney's Office to settle the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident; compliance with applicable laws, regulations and tariffs; compliance with environmental laws and the costs of associated liabilities; changes in taxation; and other matters set forth in Item 1, "Business," Item 1A, "Risk Factors" and Part II. Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations," of this report, some of which risks are beyond our control. In addition, the relative contributions to profitability by each business segment, and the assumptions underlying the forward-looking statements relating thereto, may change over time.

All forward-looking statements are expressly qualified in their entirety by the foregoing cautionary statements. We undertake no obligation to, and expressly disclaim any such obligation to, update or revise any forward-looking statements to reflect changed assumptions, the occurrence of anticipated or unanticipated events or changes to the future results over time or otherwise, except as required by law.

PART I**ITEM 1. BUSINESS****NISOURCE INC.**

NiSource Inc. is an energy holding company under the Public Utility Holding Company Act of 2005 whose primary subsidiaries are fully regulated natural gas and electric utility companies, serving approximately 3.7 million customers in six states. NiSource is the successor to an Indiana corporation organized in 1987 under the name of NIPSCO Industries, Inc., which changed its name to NiSource on April 14, 1999.

NiSource's principal subsidiaries include NiSource Gas Distribution Group, Inc., a natural gas distribution holding company, and NIPSCO, a gas and electric company. NiSource derives substantially all of its revenues and earnings from the operating results of these rate-regulated businesses.

On February 26, 2020, NiSource and Columbia of Massachusetts entered into an Asset Purchase Agreement with Eversource (the "Asset Purchase Agreement"). Upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, NiSource and Columbia of Massachusetts agreed to sell to Eversource, with certain additions and exceptions: (1) substantially all of the assets of Columbia of Massachusetts and (2) all of the assets held by any of Columbia of Massachusetts' affiliates that primarily relate to the Massachusetts Business, and (3) Eversource agreed to assume certain liabilities of Columbia of Massachusetts and its affiliates. The closing of the transaction occurred on October 9, 2020. Refer to Note 1-A, "Company Structure and Principles of Consolidation," Note 7, "Goodwill and Other Intangible Assets," Note 20-C, "Legal Proceedings," and Note 20-E, "Other Matters," in the Notes to Consolidated Financial Statements for more information.

The COVID-19 pandemic has had widespread effects, including impacts on the communities in which we serve as well as our business operations. NiSource has been pro-active in adjusting its operating procedures in response to the pandemic, including customer facing and field activities as well as our back-office support. Through 2020, we have not experienced material impacts to our ongoing or planned construction, replacement and maintenance activities as a result of the pandemic. Please refer to specific and potential impacts of the pandemic in Item 1A, "Risk Factors", Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the Notes to Consolidated Financial Statements.

NiSource's reportable segments are: Gas Distribution Operations and Electric Operations. The following is a summary of the business for each reporting segment. Refer to Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and Note 24, "Segments of Business," in the Notes to Consolidated Financial Statements for additional information for each segment.

Gas Distribution Operations

Our natural gas distribution operations serve approximately 3.2 million customers in six states. We operate approximately 53,700 miles of distribution main pipeline plus the associated individual customer service lines and 1,700 miles of transmission main pipeline located in our service areas described below. Throughout our service areas we also have gate stations and other operations support facilities. Through our wholly-owned subsidiary NiSource Gas Distribution Group, Inc., we own five distribution subsidiaries that provide natural gas to approximately 2.4 million residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, and Maryland. Additionally, we distribute natural gas to approximately 848,000 customers in northern Indiana through our wholly-owned subsidiary NIPSCO.

Rates include provisions to adjust billings for fluctuations in the cost of natural gas. Revenues are adjusted for differences between actual costs, subject to reconciliation, and the amounts billed in current rates.

Electric Operations

We generate, transmit and distribute electricity through our subsidiary NIPSCO to approximately 479,000 customers in 20 counties in the northern part of Indiana and also engage in wholesale electric and transmission transactions. NIPSCO owns and operates two coal-fired electric generating stations: four units at R.M. Schahfer located in Wheatfield, IN and one unit at Michigan City located in Michigan City, IN. The two operating facilities have a generating capacity of 2,080 MW. NIPSCO also owns and operates (i) Sugar Creek, a CCGT plant located in West Terre Haute, IN with generating capacity of 571 MW; (ii) two gas-fired generating units located at R.M. Schahfer with a generating capacity of 155 MW; and (iii) two hydroelectric generating plants with a generating capacity of 10 MW (Oakdale located at Lake Freeman in Carroll County, IN and Norway located at Lake Schahfer in White County, IN). These facilities provide for a total system operating generating capacity of 2,816 MW. NIPSCO is the managing partner in Rosewater Wind Generation LLC, a joint venture that owns and operates 102 MW of nameplate generating capacity in White County, IN. Refer to Note 4 "Variable Interest Entities" in the Notes to Consolidated Financial Statements for more information.

In May 2018, NIPSCO completed the retirement of two coal-burning units at Bailly Generating Station, located in Chesterton, IN. These units had a generating capacity of approximately 460 MW, which was replaced through various electric purchase agreements.

ITEM 1. BUSINESS

NISOURCE INC.

NIPSCO's transmission system, with voltages from 69,000 to 765,000 volts, consists of 3,009 circuit miles. NIPSCO is interconnected with eight neighboring electric utilities. During the year ended December 31, 2020, NIPSCO generated 68.8% and purchased 31.2% of its electric requirements.

NIPSCO participates in the MISO transmission service and wholesale energy market. MISO is a nonprofit organization created in compliance with FERC regulations to improve the flow of electricity in the regional marketplace and to enhance electric reliability. Additionally, MISO is responsible for managing energy markets, transmission constraints and the day-ahead, real-time, Financial Transmission Rights and ancillary markets. NIPSCO transferred functional control of its electric transmission assets to MISO, and transmission service for NIPSCO occurs under the MISO Open Access Transmission Tariff.

Business Strategy

We focus our business strategy on providing safe and reliable service through our core, rate-regulated asset-based utilities, which generate substantially all of our operating income. Our utilities continue to move forward on core safety, infrastructure and environmental investment programs supported by complementary regulatory and customer initiatives across all six states in which we operate. Our goal is to develop strategies that benefit all stakeholders as we (i) address changing customer conservation patterns, (ii) align our price structures with our cost structure, and (iii) embark on long-term investment programs. These strategies focus on improving safety and reliability, enhancing customer service, lowering customer bills and reducing emissions while generating sustainable returns.

The safety of our customers, communities and employees remains our top priority. The SMS transitioned in 2020 from an accelerated project launch to an established operating model within NiSource. With the continued support and advice from the Quality Review Board, a panel of third parties with safety operations expertise engaged by management to advise on safety matters, we are continuing to mature our SMS processes, capabilities and talent as we collaborate within and across industries to enhance safety and reduce operational risk.

In its 2018 Integrated Resource Plan submission to the IURC, NIPSCO laid out a plan to retire the R.M. Schahfer Generating Station by 2023 and Michigan City Generating Station by 2028. These units represent 72% of NIPSCO's remaining generation capacity. The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage, to be obtained through a combination of NIPSCO investment and PPAs. Refer to Note 20-E, "Other Matters," in the Notes to Consolidated Financial Statements for further discussion of these plans.

Rate Case Actions

The following table describes current rate case actions as applicable in each of our jurisdictions net of tracker impacts. See "Cost Recovery and Trackers" below for further detail on trackers.

(in millions)

Company	Proposed ROE	Approved ROE	Requested Incremental Revenue	Approved Incremental Revenue	Filed	Status	Rates Effective
NIPSCO - Electric ⁽¹⁾	10.80 %	9.75 %	\$ 21.4	\$ (53.5)	October 31, 2018	Approved December 4, 2019	January 2020
Columbia of Pennsylvania ⁽²⁾	9.86 %	N/A	\$ 76.8	In process	April 24, 2020	Order Expected Q1 2021	January 2021
Columbia of Maryland	10.95 %	None specified ⁽³⁾	\$ 5.0	\$ 2.0	May 15, 2020	Approved November 7, 2020	December 2020

⁽¹⁾Rates were implemented in two steps, with implementation of step 1 rates effective on January 2, 2020 and step 2 rates effective on March 2, 2020.

⁽²⁾On December 4, 2020, a Recommended Decision was issued by the Administrative Law Judge (ALJ) for the PUC to "deny the Company's request in its entirety because it has not met its burden of providing, by substantial evidence, that the proposed base rate revenue increase will result in just and reasonable rates, as required by 66 Pa.C.S.A. § 1301 during the current Coronavirus-2019 pandemic." Columbia of Pennsylvania filed Exceptions to the ALJ's Recommended Decision on December 22, 2020 in which the Company proposed an increase of \$76.8 million to be implemented in two steps: (1) an increase of \$38.4 million to be effective January 23, 2021 through June 30, 2021, and defer revenue related to the remaining increase to regulatory assets during this phase, and (2) the remaining increase of \$38.4 million to be implemented on July 1, 2021. Columbia of Pennsylvania proposed to recover the revenue deferred to a Regulatory Asset during the initial phase over a one-year period beginning January 1, 2022 and ending December 31, 2022. A Final Order from the PUC is expected during the first quarter of 2021 for rates effective retroactively on January 23, 2021.

⁽³⁾Columbia of Maryland's rate case resulted in a black box settlement, representing a settlement to a specific revenue increase but not a specified ROE. The settlement provides use of a 9.60% ROE for future Make Whole and Infrastructure Tracker filings.

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Competition and Changes in the Regulatory Environment

The regulatory frameworks applicable to our operations, including environmental regulations, at both the state and federal levels, continue to evolve. These changes have had and will continue to have an impact on our operations, structure and profitability. Management continually seeks new ways to be more competitive and profitable in this environment. We believe we are, in all material respects, in compliance with such laws and regulations and do not expect continued compliance to have a material impact on our capital expenditures, earnings, or competitive position. We continue to monitor existing and pending laws and regulations, and the impact of regulatory changes cannot be predicted with certainty. Refer to Note 20-D, "Environmental Matters" in the Notes to Consolidated Financial Statements for more information regarding environmental regulations that are applicable to our operations.

The Gas Distribution Operations utilities have pursued non-traditional revenue sources within the evolving natural gas marketplace. These efforts include (i) the sale of products and services upstream of the companies' service territory, (ii) the sale of products and services in the companies' service territories, and (iii) gas supply cost incentive mechanisms for service to their core markets. The upstream products are made up of transactions that occur between an individual Gas Distribution Operations utility and a buyer for the sales of unbundled or rebundled gas supply and capacity. The on-system services are offered by us to customers and include products such as the transportation and balancing of gas on the Gas Distribution Operations utility's system. The incentive mechanisms give the Gas Distribution Operations utilities an opportunity to share in the savings created from such situations as gas purchase prices paid below an agreed upon benchmark and their ability to reduce pipeline capacity charges with their customers.

Increased efficiency of natural gas appliances and improvements in home building codes and standards has contributed to a long-term trend of declining average use per customer. While historical rate design at the distribution level has been structured such that a large portion of cost recovery is based upon throughput rather than in a fixed charge, operating costs are largely incurred on a fixed basis and do not fluctuate due to changes in customer usage. As a result, Gas Distribution Operations have pursued changes in rate design to more effectively match recoveries with costs incurred. Each of the states in which Gas Distribution Operations operate has different requirements regarding the procedure for establishing changes to rate design. Columbia of Ohio has adopted a decoupled rate design that closely links the recovery of fixed costs with fixed charges. Columbia of Maryland and Columbia of Virginia have regulatory approval for weather and revenue normalization adjustments for certain customer classes, which adjust monthly revenues that exceed or fall short of approved levels. Columbia of Pennsylvania continues to operate its pilot residential weather normalization adjustment. Columbia of Kentucky incorporates a weather normalization adjustment. In a prior gas base rate proceeding, NIPSCO implemented a higher fixed customer charge for residential and small customer classes moving toward recovering more of its fixed costs through a fixed recovery charge, but has no weather or usage protection mechanism.

Cost Recovery and Trackers. Comparability of our line item operating results are impacted by regulatory trackers that allow for the future recovery in rates of certain costs as described below. Increases in expenses that are the subject to approved regulatory tracker mechanisms generally lead to increased regulatory assets, which ultimately result in a corresponding increase in operating revenues and, therefore, have essentially no impact on total operating income results. Certain approved regulatory tracker mechanisms allow for abbreviated regulatory proceedings in order for the operating companies to quickly implement revised rates and recover associated costs.

A portion of the Gas Distribution revenue is related to the recovery of gas costs, the review and recovery of which occurs through standard regulatory proceedings. All states in our operating area require periodic review of actual gas procurement activity to determine prudence and confirm the recovery of prudently incurred energy commodity costs supplied to customers.

A portion of the Electric Operations revenue is related to the recovery of fuel costs to generate power and the fuel costs related to purchased power. These costs are recovered through a FAC, which is updated quarterly to reflect actual costs incurred to supply electricity to customers.

Natural Gas Competition. Open access to natural gas supplies over interstate pipelines and the deregulation of the gas supply has led to tremendous change in the energy markets. LDC customers can purchase gas directly from producers and marketers in an open, competitive market. This separation or "unbundling" of the transportation and other services offered by LDCs allows customers to purchase the commodity independent of services provided by LDCs. LDCs continue to purchase gas and recover the associated costs from their customers. Our Gas Distribution Operations' subsidiaries are involved in programs that provide customers the opportunity to purchase their natural gas requirements from third parties and use our Gas Distribution Operations' subsidiaries for transportation services.

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Gas Distribution Operations competes with (i) investor-owned, municipal, and cooperative electric utilities throughout its service areas, (ii) other regulated and unregulated natural gas intra and interstate pipelines and (iii) other alternate fuels, such as propane and fuel oil. Gas Distribution Operations continues to be a strong competitor in the energy market as a result of strong customer preference for natural gas. Competition with providers of electricity has traditionally been the strongest in the residential and commercial markets of Kentucky, southern Ohio, central Pennsylvania and western Virginia due to comparatively low electric rates.

Electric Competition. Indiana electric utilities generally have exclusive service areas under Indiana regulations, and retail electric customers in Indiana do not have the ability to choose their electric supplier. NIPSCO faces non-utility competition from other energy sources, such as self-generation by large industrial customers and other distributed energy sources.

Seasonality

A significant portion of our operations are subject to seasonal fluctuations in sales. During the heating and cooling seasons, revenues from gas and electric sales, respectively, are more significant than in other months. The heating season is primarily from November through March, and the cooling season is primarily from June through September.

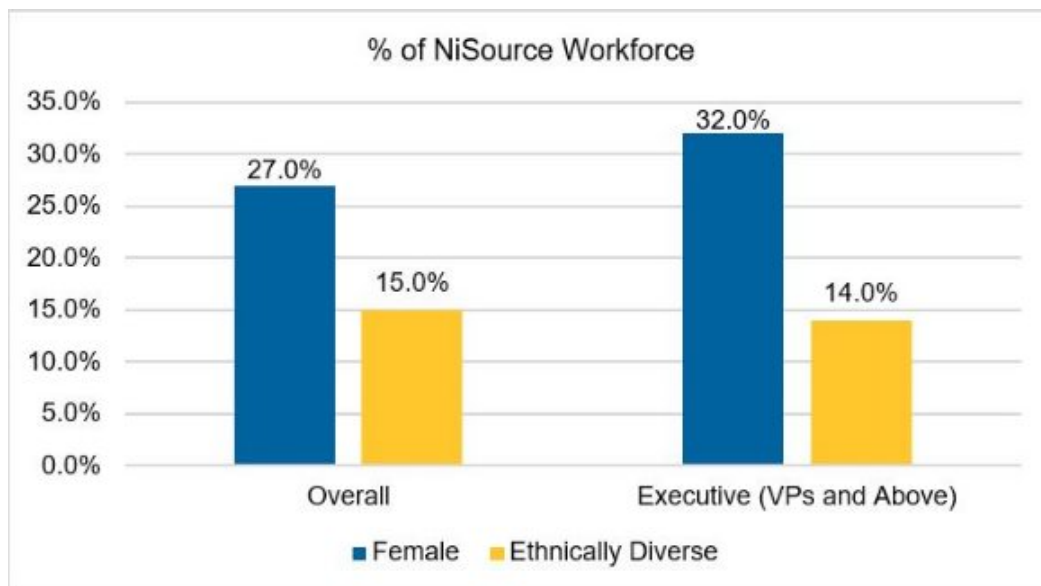
Human Capital

Human Capital Goals and Objectives. We have aligned our human capital goals to achieve the overall company objectives by driving an enhanced talent strategy, elevating support for front-line leaders, fostering a culture of rigor and accountability and strengthening our Human Resources function as a whole.

Workforce Composition. As of December 31, 2020, we had 7,301 full-time and 88 part-time employees. 2,728 employees were subject to collective bargaining agreements with various labor unions. Six of these agreements covering 527 employees are set to expire within one year.

Diversity. Our talent acquisition teams hired 612 external candidates in 2020 across all business segments. 35% of external hires were female and 18% were racially or ethnically diverse. In 2020, we engaged with community-based organizations, conducted career interest workshops in local schools, and focused our employee mentorship program on females. We also led a separate targeted development program for select employees to support the growth and development of female and ethnically diverse talent. We offered several employee resource groups (“ERGs”) and hosted mostly virtual activities throughout 2020. We have ERGs set up to support African-American, LatinX, veterans, LGBTQ+, female and Asian employees, among others, and held several sponsored conversations between senior executives and the ERGs.

The following provides the diversity breakdown of NiSource as of December 31, 2020:



Talent Development. We offer leadership development programs to enhance the behaviors and skills of our existing and future leaders. In 2020, we had participation from employees of all levels. We also offer extensive technical and non-technical

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employee training programs. Additionally, we strive to provide promotion and advancement opportunities for employees. In 2020, 84% of all leadership positions at the supervisor and above level were filled internally. Succession planning is regularly conducted to ensure bench strength for leadership positions. We utilize retention bonuses and conduct stay conversations in order to retain talent. Retention at NiSource in 2020 was over 93%. Retention is calculated using the total number of terminations divided by the average headcount for the annual period, not including the impacts from the sale of the Massachusetts Business and voluntary separation programs.

Employee Safety and Wellness. We have a number of programs to support employees and their families' physical, mental, and financial well-being. These programs include a paid wellness day, telemedicine services, an Employee Assistance Program, Integrated Health Management navigation services, employee paid sick/disability leave and paid illness in family days, competitive medical, dental, vision, life and long term disability programs including employee health savings account company contributions and no cost registered financial planner counseling.

In response to COVID-19, we have implemented procedures designed to protect our employees who work in the field and who continue to work in operational and corporate facilities, including social distancing, wearing face coverings, temperature checks and more frequent cleaning of equipment and facilities. We have also implemented work-from-home policies and practices. We have minimized non-essential work that requires an employee to enter a customer premise and limited company vehicle occupancy to one person, where possible. We continue to employ physical and cybersecurity measures to ensure that our operational and support systems remain functional. Our actions to date have mitigated the spread of COVID-19 amongst our employees. We will continue to follow the Centers for Disease Control and Prevention ("CDC") guidance and implement safety measures intended to ensure employee and customer safety during the pandemic.

Other Relevant Business Information

Our customer base is broadly diversified, with no single customer accounting for a significant portion of revenues.

For a listing of certain subsidiaries of NiSource refer to Exhibit 21.

We electronically file various reports with the SEC, including annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to such reports, as well as our proxy statements for the Company's annual meetings of stockholders at <http://www.sec.gov>. Additionally, we make all SEC filings available without charge to the public on our web site at <http://www.nisource.com>. The information contained on our website is not included in, nor incorporated by reference into, this Annual Report on Form 10-K.

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Our operations and financial results are subject to various risks and uncertainties, including those described below, that could adversely affect our business, financial condition, results of operations, cash flows, and the trading price of our common stock.

OPERATIONAL RISKS

We may not be able to execute our business plan or growth strategy, including utility infrastructure investments.

Business or regulatory conditions may result in us not being able to execute our business plan or growth strategy, including identified, planned and other utility infrastructure investments, which includes investments related to natural gas pipeline modernization and investments related to our renewable energy projects and the build-transfer execution goals within our business plan. Our “NiSource Next” initiative, a comprehensive program designed to identify long-term sustainable capability enhancements and cost optimization improvements, may not be effective. Our customer and regulatory initiatives may not achieve planned results. Utility infrastructure investments may not materialize, may cease to be achievable or economically viable and may not be successfully completed. Natural gas may cease to be viewed as an economically and environmentally attractive fuel. Environmental activist groups, investors and governmental entities may continue to oppose natural gas delivery and infrastructure investments in the jurisdictions where we operate because of perceived environmental impacts associated with the natural gas supply chain and end use. Energy conservation, energy efficiency, distributed generation, energy storage, policies favoring electric heat over gas heat and other factors may reduce demand for natural gas and energy. In addition, we consider acquisitions or dispositions of assets or businesses, joint ventures and mergers from time to time as we execute on our business plan and growth strategy. Any of these circumstances could adversely affect our results of operations and growth prospects. Even if our business plan and growth strategy are executed, there is still risk of, among other things, human error in maintenance, installation or operations, shortages or delays in obtaining equipment, and performance below expected levels (in addition to the other risks discussed in this section).

Our gas distribution and transmission activities, as well as generation, transmission and distribution of electricity, involve a variety of inherent hazards and operating risks, including potential public safety risks.

Our gas distribution and transmission activities, as well as generation, transmission, and distribution of electricity, involve a variety of inherent hazards and operating risks, including, but not limited to, gas leaks and over-pressurization, downed power lines, excavation or vehicular damage to our infrastructure, outages, environmental spills, mechanical problems and other incidents, which could cause substantial financial losses, as demonstrated in part by the Greater Lawrence Incident. In addition, these hazards and risks have resulted and may in the future result in serious injury or loss of life to employees and/or the general public, significant damage to property, environmental pollution, impairment of our operations, adverse regulatory rulings and reputational harm, which in turn could lead to substantial losses for us. The location of pipeline facilities, including regulator stations, liquefied natural gas and underground storage, or generation, transmission, substation and distribution facilities near populated areas, including residential areas, commercial business centers and industrial sites, could increase the level of damages resulting from such incidents. As with the Greater Lawrence Incident, certain incidents have subjected and may in the future subject us to litigation or administrative or other legal proceedings from time to time, both civil and criminal, which could result in substantial monetary judgments, fines, or penalties against us, be resolved on unfavorable terms, and require us to incur significant operational expenses. The occurrence of incidents has in certain instances adversely affected and could in the future adversely affect our reputation, cash flows, financial position and/or results of operations. We maintain insurance against some, but not all, of these risks and losses.

Failure to adapt to advances in technology and manage the related costs could make us less competitive and negatively impact our results of operations and financial condition.

A key element of our business model includes generating power at central station power plants to achieve economies of scale and produce power at a competitive cost. We continue to research, plan for, and implement new technologies that produce reliable, cost-efficient power or reduce power consumption. These technologies include renewable energy, distributed generation, energy storage, and energy efficiency. Advances in technology, changes in laws or regulations (including subsidization) and other alternative methods of producing power are reducing the cost of electric generation from these sources to a level that is competitive with most central station power electric production. This could cause power sales to decline and the value of our generating facilities to decline. New technologies may require us to make significant expenditures to remain competitive and may result in the obsolescence of certain operating assets.

Our natural gas business model leverages widespread utilization of natural gas for space heating as a core driver of revenues. Alternative energy sources, new technologies or alternatives to natural gas space heating, including cold climate heat pumps and/or efficiency of other products, could reduce demand and increase customer attrition, which would impact our ability to recover on our investments in our gas distribution assets.

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In addition, customers are increasingly expecting additional communications, increased access to information, and expanded electronic capabilities regarding their electric and natural gas services, which, in some cases, involves additional investments in technology. We also rely on technology to adequately maintain key business records.

Our future success will depend, in part, on our ability to anticipate and successfully adapt to technological changes, to offer services that meet customer demands and evolving industry standards, and to recover all, or a significant portion of, any unrecovered investment in obsolete assets. A failure by us to effectively adapt to changes in technology and manage the related costs could harm our ability to remain competitive in the marketplace for our products, services and processes and could have a material adverse impact on our results of operations and financial condition.

Aging infrastructure may lead to disruptions in operations and increased capital expenditures and maintenance costs, all of which could negatively impact our financial results.

We have risks associated with aging infrastructure, including our electric and gas infrastructure assets. These risks can be driven by threats such as, but not limited to, electrical faults, mechanical failure, internal corrosion, external corrosion, ground movement and stress corrosion and/or cracking. The age of these assets may result in a need for replacement, a higher level of maintenance costs, or unscheduled outages, despite efforts by us to properly maintain or upgrade these assets through inspection, scheduled maintenance and capital investment. In addition, the nature of the information available on aging infrastructure assets, which in some cases is incomplete, may make inspections, maintenance, upgrading and replacement of the assets particularly challenging. Missing or incorrect infrastructure data may lead to (1) difficulty properly locating facilities, which can result in excavator damage and operational or emergency response issues, and (2) configuration and control risks associated with the modification of system operating pressures in connection with turning off or turning on service to customers, which can result in unintended outages or operating pressures. Also, additional maintenance and inspections are required in some instances in order to improve infrastructure information and records and address emerging regulatory or risk management requirements, which increases our costs. The failure to operate these assets as desired could result in interruption of electric service, major component failure at generating facilities and electric substations, gas leaks and other incidents and in our inability to meet firm service obligations, which could adversely impact revenues, and could also result in increased capital expenditures and maintenance costs, which, if not fully recovered from customers, could negatively impact our financial results.

We may be unable to obtain insurance on acceptable terms or at all, and the insurance coverage we do obtain may not provide protection against all significant losses.

Our ability to obtain insurance, as well as the cost and coverage of such insurance, are affected by developments affecting our business; international, national, state, or local events; and the financial condition and underwriting considerations of insurers. For example, some insurers are moving away from underwriting certain energy related businesses such as those in the coal industry or those exposed to certain perils such as wildfires as well as gas explosion events or other infrastructure-related risks. The utility insurance market is experiencing a hardening environment due to reductions in commercial suppliers and the capacity they are willing to issue, increases in overall demand for capacity, and a prevalence of severe losses. We have not been able to obtain liability insurance coverage at previously procured limits at rates that are acceptable to us. Insurance coverage may not continue to be available at limits, rates or terms acceptable to us. The premiums we pay for our insurance coverage have significantly increased as a result of market conditions and the accumulated loss ratio over the history of our operations, and we expect that they will continue to increase as a result of hardening in market conditions. In addition, our insurance is not sufficient or effective under all circumstances and against all hazards or liabilities to which we are subject. For example, total expenses related to the Greater Lawrence Incident exceeded the total amount of liability coverage available under our policies. Certain types of damages, expenses or claimed costs, such as fines and penalties, have been and in the future may be excluded under the policies. In addition, insurers providing insurance to us may raise defenses to coverage under the terms and conditions of the respective insurance policies that could result in a denial of coverage or limit the amount of insurance proceeds available to us. Any losses for which we are not fully insured or that are not covered by insurance at all could materially adversely affect our results of operations, cash flows, and financial position.

The implementation of NIPSCO's electric generation strategy, including the retirement of its coal generation units, may not achieve intended results.

Our plan to replace 80% of our coal generation capacity by mid-2023 and all of our coal generation by the end of 2028 with primarily renewable resources may not progress as anticipated. On October 31, 2018, NIPSCO submitted its 2018 Integrated Resource Plan with the IURC setting forth its short- and long-term electric generation plans in an effort to maintain affordability while providing reliable, flexible and cleaner sources of power. The Integrated Resource Plan evaluated demand-side and supply-side resource alternatives to meet NIPSCO customers' future energy requirements over the ensuing 20 years.

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The preferred option within the Integrated Resource Plan retires the R.M. Schahfer Generating Station by mid-2023 and the Michigan City Generating Station by the end of 2028. These stations represent 2,080 MW of generating capacity, equal to 72% of NIPSCO's remaining generating capacity and 100% of NIPSCO's remaining coal-fired generating capacity. The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage. In the second quarter of 2020, the MISO approved NIPSCO's plan to retire the R.M. Schahfer Generating Station in 2023. In February 2021, NIPSCO decided to submit modified Attachment Y Notices to MISO requesting accelerated retirement of two of the four units at R.M. Schahfer Generating Station. The two units are now expected to be retired by the end of 2021, with the remaining two units still scheduled to be retired in 2023. Refer to Note 20- E. "Other Matters - NIPSCO 2018 Integrated Resource Plan," in the Notes to Consolidated Financial Statements for additional information.

There are inherent risks and uncertainties in executing the Integrated Resource Plan, including changes in market conditions, regulatory approvals, environmental regulations, commodity costs and customer expectations, which may impede NIPSCO's ability to achieve the intended results. NIPSCO's future success will depend, in part, on its ability to successfully implement its long-term electric generation plans, to offer services that meet customer demands and evolving industry standards, and to recover all, or a significant portion of, any unrecovered investment in obsolete assets. NIPSCO's electric generation strategy could require significant future capital expenditures, operating costs and charges to earnings that may negatively impact our financial position, financial results and cash flows. As required by statute, NIPSCO plans to submit a new Integrated Resource Plan to the IURC by November 1, 2021. This submission will again outline NIPSCO's short and long term plans for meeting the energy supply needs of its customers, taking into account current perspectives on a range of factors including, but not limited to, new state and federal policy, wholesale market rules, forecasted customer demand, and available resource alternatives. The analysis, conclusions and Preferred Plan in the 2021 Integrated Resource Plan may be different from the analysis, conclusions and Preferred Plan in the 2018 Integrated Resource Plan.

Our capital projects and programs subject us to construction risks and natural gas costs and supply risks, and are subject to regulatory oversight, including requirements for permits, approvals and certificates from various governmental agencies.

Our business requires substantial capital expenditures for investments in, among other things, capital improvements to our electric generating facilities, electric and natural gas distribution infrastructure, natural gas storage, and other projects, including projects for environmental compliance. We are engaged in intrastate natural gas pipeline modernization programs to maintain system integrity and enhance service reliability and flexibility. NIPSCO also is currently engaged in a number of capital projects, including environmental improvements to its electric generating stations, the construction of new transmission facilities, and new projects related to renewable energy. As we undertake these projects and programs, we may be unable to complete them on schedule or at the anticipated costs. Additionally, we may construct or purchase some of these projects and programs to capture anticipated future growth in natural gas production, which may not materialize, and may cause the construction to occur over an extended period of time.

Our existing and planned capital projects require numerous permits, approvals and certificates from federal, state, and local governmental agencies. If there is a delay in obtaining any required regulatory approvals or if we fail to obtain or maintain any required approvals or to comply with any applicable laws or regulations, we may not be able to construct or operate our facilities, we may be forced to incur additional costs, or we may be unable to recover any or all amounts invested in a project. We also may not receive the anticipated increases in revenue and cash flows resulting from such projects and programs until after their completion. Other construction risks include changes in costs of materials, equipment, commodities or labor (including changes to tariffs on materials), delays caused by construction incidents or injuries, work stoppages, shortages in qualified labor, poor initial cost estimates, unforeseen engineering issues, the ability to obtain necessary rights-of-way, easements and transmissions connections and general contractors and subcontractors not performing as required under their contracts.

On May 1, 2020, former President Donald Trump issued an executive order (the "EO") prohibiting any transaction initiated after that day that (i) involves bulk-power system ("BPS") equipment designed, developed, manufactured or supplied by persons owned by, controlled by or subject to the jurisdiction or direction of a foreign adversary and (ii) poses an unacceptable risk to national security. Implementing regulations from the U.S. Secretary of Energy are still pending. The EO also requires the U.S. Secretary of Energy to review the risk of existing bulk-power system equipment sourced from foreign adversaries and to establish a task force to review and recommend federal procurement policies and procedures consistent with the considerations identified in the EO. On July 8, 2020, the U.S. Department of Energy issued a Request for Information ("RFI"), seeking input from industry stakeholders to "understand the energy industry's current practices to identify and mitigate vulnerabilities in the supply chain" for components of bulk-power system equipment. The RFI identifies the following governments as "foreign adversaries": China, Cuba, Iran, North Korea, Russia and Venezuela. The RFI notes that the U.S. Secretary of Energy retains

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authority to amend this list at any time and such countries have been identified only for the purposes of the EO. Pursuant to the EO, on December 17, 2020, the U.S. Department of Energy issued a Prohibition Order (the “Prohibition Order”) prohibiting the acquisition, importation, transfer, or installment of specified BPS equipment from China that directly serves critical defense facilities. While the implications of the Prohibition Order are still being assessed, it could impact our procurement processes for BPS equipment. In the future, certain bulk-power system equipment owned or operated by NiSource could possibly be considered to be sourced from a foreign adversary within the meaning of the EO. These regulations, if implemented, may impact our procurement processes for bulk-power system equipment.

To the extent that delays occur, costs become unrecoverable, or we otherwise become unable to effectively manage and complete our capital projects, our results of operations, cash flows, and financial condition may be adversely affected.

A significant portion of the gas and electricity we sell is used by residential and commercial customers for heating and air conditioning. Accordingly, fluctuations in weather, gas and electricity commodity costs and economic conditions impact demand of our customers and our operating results.

Energy sales are sensitive to variations in weather. Forecasts of energy sales are based on “normal” weather, which represents a long-term historical average. Significant variations from normal weather, could have, and have had, a material impact on energy sales. Additionally, residential usage, and to some degree commercial usage, is sensitive to fluctuations in commodity costs for gas and electricity, whereby usage declines with increased costs, thus affecting our financial results. Lastly, residential and commercial customers’ usage is sensitive to economic conditions and factors such as unemployment, consumption and consumer confidence. Therefore, prevailing economic conditions affecting the demand of our customers may in turn affect our financial results.

Fluctuations in the price of energy commodities or their related transportation costs or an inability to obtain an adequate, reliable and cost-effective fuel supply to meet customer demands may have a negative impact on our financial results.

Our current electric generating fleet is dependent on coal and natural gas for fuel, and our gas distribution operations purchase and resell a portion of the natural gas we deliver to our customers. These energy commodities are subject to price fluctuations and fluctuations in associated transportation costs. When appropriate, we use hedging in order to offset fluctuations in commodity supply prices. We rely on regulatory recovery mechanisms in the various jurisdictions in order to fully recover the commodity costs incurred in selling energy to our customers. However, while we have historically been successful in the recovery of costs related to such commodity prices, there can be no assurance that such costs will be fully recovered through rates in a timely manner.

In addition, we depend on electric transmission lines, natural gas pipelines, and other transportation facilities owned and operated by third parties to deliver the electricity and natural gas we sell to wholesale markets, supply natural gas to our gas storage and electric generation facilities, and provide retail energy services to customers. If transportation is disrupted, or if capacity is inadequate, we may be unable to sell and deliver our gas and electric services to some or all of our customers. As a result, we may be required to procure additional or alternative electricity and/or natural gas supplies at then-current market rates, which, if recovery of related costs is disallowed, could have a material adverse effect on our businesses, financial condition, cash flows, results of operations and/or prospects.

Failure to attract and retain an appropriately qualified workforce, and maintain good labor relations, could harm our results of operations.

We operate in an industry that requires many of our employees to possess unique technical skill sets. Events such as an aging workforce without appropriate replacements, the mismatch of skill sets to future needs, or the unavailability of contract resources may lead to operating challenges or increased costs. These operating challenges include lack of resources, loss of knowledge, and a lengthy time period associated with skill development. In addition, current and prospective employees may determine that they do not wish to work for us due to market, economic, employment and other conditions. Failure to hire and retain qualified employees, including the ability to transfer significant internal historical knowledge and expertise to the new employees, may adversely affect our ability to manage and operate our business. If we are unable to successfully attract and retain an appropriately qualified workforce, safety, service reliability, customer satisfaction and our results of operations could be adversely affected.

Some of our employees are subject to collective bargaining agreements. Our collective bargaining agreements are generally negotiated on an operating company basis. Any failure to reach an agreement on new labor contracts or to negotiate these labor contracts might result in strikes, boycotts or other labor disruptions. Labor disruptions, strikes or significant negotiated wage

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and benefit increases, whether due to union activities, employee turnover or otherwise, could have a material adverse effect on our businesses, results of operations and/or cash flows.

If we cannot effectively manage new initiatives and organizational changes, we will be unable to address the opportunities and challenges presented by our strategy and the business and regulatory environment.

In order to execute on our sustainable growth strategy and enhance our culture of ongoing continuous improvement, we must effectively manage the complexity and frequency of new initiatives and organizational changes. If we are unable to make decisions quickly, assess our opportunities and risks, and implement new governance, managerial and organizational processes as needed to execute our strategy in this increasingly dynamic and competitive business and regulatory environment, our financial condition, results of operations and relationships with our business partners, regulators, customers and stockholders may be negatively impacted.

We outsource certain business functions to third-party suppliers and service providers, and substandard performance by those third parties could harm our business, reputation and results of operations.

Utilities rely on extensive networks of business partners and suppliers to support critical enterprise capabilities across their organizations. Global metrics indicate that deliveries from suppliers are slowing and that labor shortages are occurring in the energy sector. We outsource certain services to third parties in areas including construction services, information technology, materials, fleet, environmental, operational services and other areas. Outsourcing of services to third parties could expose us to inferior service quality or substandard deliverables, which may result in non-compliance (including with applicable legal requirements and industry standards), interruption of service or accidents, or reputational harm, which could negatively impact our results of operations. If any difficulties in the operations of these third-party suppliers and service providers, including their systems, were to occur, they could adversely affect our results of operations, or adversely affect our ability to work with regulators, unions, customers or employees.

A cyber-attack on any of our or certain third-party computer systems upon which we rely may adversely affect our ability to operate and could lead to a loss or misuse of confidential and proprietary information or potential liability.

We are reliant on technology to run our business, which is dependent upon financial and operational computer systems to process critical information necessary to conduct various elements of our business, including the generation, transmission and distribution of electricity; operation of our gas pipeline facilities; and the recording and reporting of commercial and financial transactions to regulators, investors and other stakeholders. In addition to general information and cyber risks that all large corporations face (e.g., malware, unauthorized access attempts, phishing attacks, malicious intent by insiders, third-party software vulnerabilities and inadvertent disclosure of sensitive information), the utility industry faces evolving and increasingly complex cybersecurity risks associated with protecting sensitive and confidential customer and employee information, electric grid infrastructure, and natural gas infrastructure. Deployment of new business technologies, along with maintaining legacy technology, represents a large-scale opportunity for attacks on our information systems and confidential customer and employee information, as well as on the integrity of the energy grid and the natural gas infrastructure. Increasing large-scale corporate attacks in conjunction with more sophisticated threats continue to challenge power and utility companies. Any failure of our computer systems, or those of our customers, suppliers or others with whom we do business, could materially disrupt our ability to operate our business and could result in a financial loss and possibly do harm to our reputation.

Additionally, our information systems experience ongoing, often sophisticated, cyber-attacks by a variety of sources, including foreign sources, with the apparent aim to breach our cyber-defenses. Although we attempt to maintain adequate defenses to these attacks and work through industry groups and trade associations to identify common threats and assess our countermeasures, a security breach of our information systems, or a security breach of the information systems of our customers, suppliers or others with whom we do business, could (i) impact the reliability of our generation, transmission and distribution systems and potentially negatively impact our compliance with certain mandatory reliability standards, (ii) subject us to reputational and other harm or liabilities associated with theft or inappropriate release of certain types of information such as system operating information or information, personal or otherwise, relating to our customers or employees, (iii) impact our ability to manage our businesses, and/or (iv) subject us to legal and regulatory proceedings and claims from third parties, in addition to remediation costs, any of which, in turn, could have a material adverse effect on our businesses, cash flows, financial condition, results of operations and/or prospects. Although we do maintain cyber insurance, it is possible that such insurance will not adequately cover any losses or liabilities we may incur as a result of a cybersecurity incident.

We are exposed to significant reputational risks, which make us vulnerable to a loss of cost recovery, increased litigation and negative public perception.

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As a utility company, we are subject to adverse publicity focused on the reliability of our services, the speed with which we are able to respond effectively to electric outages, natural gas leaks or events and related accidents and similar interruptions caused by storm damage or other unanticipated events, as well as our own or third parties' actions or failure to act. We are also subject to adverse publicity related to actual or perceived environmental impacts. If customers, legislators, or regulators have or develop a negative opinion of us, this could result in less favorable legislative and regulatory outcomes or increased regulatory oversight, increased litigation and negative public perception. The adverse publicity and investigations we experienced as a result of the Greater Lawrence Incident may have an ongoing negative impact on the public's perception of us. It is difficult to predict the ultimate impact of this adverse publicity. The foregoing may have continuing adverse effects on our business, results of operations, cash flow and financial condition.

The sale of the Massachusetts Business poses risks and challenges that could negatively impact our business, and we may not realize the expected benefits of the sale of the Massachusetts Business.

On October 9, 2020, we completed the sale of the Massachusetts Business to Eversource. The sale of the Massachusetts Business involves separation or carve-out activities and costs and possible disputes with Eversource. We have continued financial liabilities with respect to the business conducted by Columbia of Massachusetts, as we retain responsibility for, and have agreed to indemnify Eversource against, certain liabilities. This responsibility includes liabilities for any fines arising out of the Greater Lawrence Incident and liabilities of Columbia of Massachusetts or its affiliates pursuant to civil claims for injury of persons or damage to property to the extent such injury or damage occurred prior to the closing in connection with the Massachusetts Business. It may also be difficult to determine whether a claim from a third party is our responsibility, and we may expend substantial resources trying to determine whether we or Eversource has responsibility for the claim.

Further, the sale of the Massachusetts Business may result in a dilutive impact to our future earnings if we are unable to offset the loss of revenue associated with the sale, which could have a material adverse effect on our results of operations and financial condition.

The impacts of natural disasters, acts of terrorism, acts of war, civil unrest, cyber-attacks, accidents, public health emergencies or other catastrophic events may disrupt operations and reduce the ability to service customers.

A disruption or failure of natural gas distribution systems, or within electric generation, transmission or distribution systems, in the event of a major hurricane, tornado, terrorist attack, acts of war, civil unrest, cyber-attack (as further detailed above), accident, public health emergency, pandemic, or other catastrophic event could cause delays in completing sales, providing services, or performing other critical functions. We have experienced disruptions in the past from hurricanes and tornadoes and other events of this nature. Also, companies in our industry face a heightened risk of exposure to acts of terrorism and vandalism. The occurrence of such events could adversely affect our financial position and results of operations. In accordance with customary industry practice, we maintain insurance against some, but not all, of these risks and losses.

Climate change has the potential to affect our business.

Our strategy may be impacted by policy and legal, technology, market, and reputational risks and opportunities that are associated with the transition to a lower-carbon economy, as disclosed in other risk factors in this section. In addition, climate change may exacerbate the risks to our physical infrastructure, including heat stresses to power lines, storms that damage infrastructure, lake and sea level changes that affect the manner in which services are currently provided, droughts or other stresses on water used to supply services, and other extreme weather conditions. Climate change and the transition to a lower carbon economy have the potential to affect our business by reducing our ability to serve customers, increasing the costs we incur in providing our products and services, impacting the demand for and consumption of our products and services (due to changes in costs, technology, reputation and weather patterns), and affecting the economic health of the regions in which we operate. Changes in policy to combat climate change, and technology advancement, each of which can also accelerate the implications of a transition to a lower carbon economy, may materially adversely impact our business, financial position, results of operations, and cash flows.

Extreme weather conditions may negatively impact our operations.

We conduct our operations across a wide geographic area subject to varied and potentially extreme weather conditions, which may from time to time persist for sustained periods of time. Despite preventative maintenance efforts, persistent weather related stress on our infrastructure may reveal weaknesses in our systems not previously known to us or otherwise present various operational challenges across all business segments. Further, adverse weather may affect our ability to conduct operations in a manner that satisfies customer expectations or contractual obligations, including by causing service disruptions.

ITEM 1A. RISK FACTORS

NISOURCE INC.

FINANCIAL, ECONOMIC AND MARKET RISKS

We have substantial indebtedness which could adversely affect our financial condition.

Our business is capital intensive and we rely significantly on long-term debt to fund a portion of our capital expenditures and repay outstanding debt, and on short-term borrowings to fund a portion of day-to-day business operations. We had total consolidated indebtedness of \$9,746.1 million outstanding as of December 31, 2020. Our substantial indebtedness could have important consequences. For example, it could:

- limit our ability to borrow additional funds or increase the cost of borrowing additional funds;
- reduce the availability of cash flow from operations to fund working capital, capital expenditures and other general corporate purposes;
- limit our flexibility in planning for, or reacting to, changes in the business and the industries in which we operate;
- lead parties with whom we do business to require additional credit support, such as letters of credit, in order for us to transact such business;
- place us at a competitive disadvantage compared to competitors that are less leveraged;
- increase vulnerability to general adverse economic and industry conditions; and
- limit our ability to execute on our growth strategy, which is dependent upon access to capital to fund our substantial infrastructure investment program.

Some of our debt obligations contain financial covenants related to debt-to-capital ratios and cross-default provisions. Our failure to comply with any of these covenants could result in an event of default, which, if not cured or waived, could result in the acceleration of outstanding debt obligations.

A drop in our credit ratings could adversely impact our cash flows, results of operation, financial condition and liquidity.

The availability and cost of credit for our businesses may be greatly affected by credit ratings. The credit rating agencies periodically review our ratings, taking into account factors such as our capital structure, earnings profile, and, in 2020 and 2021, the impacts of the COVID-19 pandemic. We are committed to maintaining investment grade credit ratings; however, there is no assurance we will be able to do so in the future. Our credit ratings could be lowered or withdrawn entirely by a rating agency if, in its judgment, the circumstances warrant. Any negative rating action could adversely affect our ability to access capital at rates and on terms that are attractive. A negative rating action could also adversely impact our business relationships with suppliers and operating partners, who may be less willing to extend credit or offer us similarly favorable terms as secured in the past under such circumstances.

Certain of our subsidiaries have agreements that contain “ratings triggers” that require increased collateral in the form of cash, a letter of credit or other forms of security for new and existing transactions if our credit ratings (including the standalone credit ratings of certain of our subsidiaries) are dropped below investment grade. These agreements are primarily for insurance purposes and for the physical purchase or sale of gas or power. As of December 31, 2020, the collateral requirement that would be required in the event of a downgrade below the ratings trigger levels would amount to approximately \$53.9 million. In addition to agreements with ratings triggers, there are other agreements that contain “adequate assurance” or “material adverse change” provisions that could necessitate additional credit support such as letters of credit and cash collateral to transact business.

If our or certain of our subsidiaries' credit ratings were downgraded, especially below investment grade, financing costs and the principal amount of borrowings would likely increase due to the additional risk of our debt and because certain counterparties may require additional credit support as described above. Such amounts may be material and could adversely affect our cash flows, results of operations and financial condition. Losing investment grade credit ratings may also result in more restrictive covenants and reduced flexibility on repayment terms in debt issuances, lower share price and greater stockholder dilution from common equity issuances, in addition to reputational damage within the investment community.

The novel coronavirus (COVID-19) pandemic adversely impacts our business, results of operations, financial condition, liquidity and cash flows.

ITEM 1A. RISK FACTORS

NISOURCE INC.

The continued spread of COVID-19 has resulted in widespread impacts on the global economy and financial markets and could lead to a prolonged reduction in economic activity, extended disruptions to supply chains and capital markets, and reduced labor availability and productivity. We have experienced lower revenues, higher expenses for personal protective equipment and supplies, and higher bad debt expense as a consequence of the pandemic, which has negatively impacted our results of operations as of December 31, 2020. Our future operating results and liquidity may continue to be impacted by the pandemic, but the extent of the impact remains uncertain. Such ongoing impact of the pandemic includes, but is not limited to:

- Lower revenue and cash flow, resulting from the decrease in commercial and industrial gas and electric demand as businesses comply with operating restrictions and re-opening plans in each state and as businesses experience negative economic impact from the pandemic, potentially offset by higher residential demand;
- Lower revenue and cash flow due to the continuing suspension of late payment and reconnection fees in some jurisdictions;
- A decline in revenue due to an increase in customer attrition rates, as well as lower revenue growth if customer additions slow due to a prolonged economic downturn;
- A continued increase in bad debt and a decrease in cash flows resulting from the suspension of shut-offs and the inability of our customers to pay for their gas and electric service due to job loss or other factors, partially offset by regulatory deferral;
- Lower revenues on a prolonged basis resulting from higher customer bankruptcies, predominately focused on commercial and industrial customers not able to sustain operations through the broader economic downturn;
- A continued delay in cash flows as customers utilize the more flexible payment plans we offer; and
- An increase in internal labor costs from higher overtime.

We also face the risk of not achieving operational compliance and/or customer requirements because of work restrictions or unavailable employees due to the pandemic. For more information regarding the items above and additional items related to the pandemic that we are evaluating and monitoring, please see our discussion of these topics in Part II., Item 7. "Management Discussion and Analysis of Financial Condition and Results of Operations - Executive Summary - Introduction - COVID-19" in this report and in our future filings with the Securities and Exchange Commission. To the extent the pandemic adversely affects our business, results of operations, financial condition, liquidity or cash flows, it may also have the effect of heightening many of the other Risk Factors described herein. The degree to which the pandemic will impact us will depend in part on future developments, including the continued severity and duration of the outbreak, actions that may be taken by governmental authorities, and to what extent and when normal economic and operating conditions can resume.

Adverse economic and market conditions, including as a result of the COVID-19 pandemic, or increases in interest rates could materially and adversely affect our business, results of operations, cash flows, financial condition and liquidity.

Deteriorating, sluggish or volatile economic conditions in our operating jurisdictions could adversely impact our ability to maintain or grow our customer base and collect revenues from customers, which could reduce our revenue or growth rate and increase operating costs. The continued spread of COVID-19 has resulted in widespread impacts on the global economy and financial markets and could lead to a prolonged reduction in economic activity, disruptions to supply chains and capital markets, and reduced labor availability and productivity.

In connection with the pandemic, certain state regulatory commissions instituted disconnection moratoriums and the suspension of collection of late payment fees, deposits and reconnection fees, which impacted our ability to pursue our standard credit risk mitigation practices. Following the issuance of these moratoriums, certain of our regulated operations have been authorized to record a regulatory asset for bad debt expense above levels currently in rates. While several of these moratoriums remain in place, we have reinstated our common credit mitigation practices where moratoriums have expired. It is possible that such moratoriums will be extended or reinstated as the pandemic continues.

In addition, the pandemic has impacted our physical business operations, resulting in delays in conducting certain residential work and additional costs required to comply with pandemic-related health and safety protocols.

Further, we rely on access to the capital markets to finance our liquidity and long-term capital requirements, including expenditures for our utility infrastructure and to comply with future regulatory requirements, to the extent not satisfied by the cash flow generated by our operations. We have historically relied on long-term debt and on the issuance of equity securities to

ITEM 1A. RISK FACTORS

NISOURCE INC.

fund a portion of our capital expenditures and repay outstanding debt, and on short-term borrowings to fund a portion of day-to-day business operations. Successful implementation of our long-term business strategies, including capital investment, is dependent upon our ability to access the capital and credit markets, including the banking and commercial paper markets, on competitive terms and rates. An economic downturn or uncertainty, market turmoil, changes in tax policy, challenges faced by financial institutions, changes in our credit ratings, or a change in investor sentiment toward us or the utilities industry generally could adversely affect our ability to raise additional capital or refinance debt. Reduced access to capital markets, increased borrowing costs, and/or lower equity valuation levels could reduce future earnings per share and cash flows. Refer to Note 15, "Long-Term Debt," in the Notes to Consolidated Financial Statements for information related to outstanding long-term debt and maturities of that debt. In addition, any rise in interest rates may lead to higher borrowing costs, which may adversely impact reported earnings, cost of capital and capital holdings.

If, in the future, we face limits to the credit and capital markets or experience significant increases in the cost of capital or are unable to access the capital markets, it could limit our ability to implement, or increase the costs of implementing, our business plan, which, in turn, could materially and adversely affect our results of operations, cash flows, financial condition and liquidity.

Most of our revenues are subject to economic regulation and are exposed to the impact of regulatory rate reviews and proceedings.

Most of our revenues are subject to economic regulation at either the federal or state level. As such, the revenues generated by us are subject to regulatory review by the applicable federal or state authority. These rate reviews determine the rates charged to customers and directly impact revenues. Our financial results are dependent on frequent regulatory proceedings in order to ensure timely recovery of costs and investments.

The outcomes of these proceedings are uncertain, potentially lengthy and could be influenced by many factors, some of which may be outside of our control, including the cost of providing service, the necessity of expenditures, the quality of service, regulatory interpretations, customer intervention, economic conditions and the political environment. Further, the rate orders are subject to appeal, which creates additional uncertainty as to the rates that will ultimately be allowed to be charged for services. The COVID-19 pandemic is another factor that will continue to influence the regulatory process, such as the implementation of disconnection moratoriums as discussed above and the risk of not being able to recover costs and/or returns on invested capital through raising rates during a pandemic, which has disproportionately impacted vulnerable customers and communities.

Additionally, the costs of complying with current and future changes in environmental and federal pipeline safety laws and regulations are expected to be significant, and their recovery through rates will also be contingent on regulatory approval.

Our business operations are subject to economic conditions in certain industries.

Business operations throughout our service territories have been and may continue to be adversely affected by economic events at the national and local level where our businesses operate. In particular, sales to large industrial customers, such as those in the steel, oil refining, industrial gas and related industries, are impacted by economic downturns, including the downturn resulting from the COVID-19 pandemic; geographic or technological shifts in production or production methods; and consumer demand for environmentally friendly products and practices. The U.S. manufacturing industry continues to adjust to changing market conditions including international competition, increasing costs, and fluctuating demand for its products. In addition, our results of operations are negatively impacted by lower revenues resulting from higher bankruptcies, predominately focused on commercial and industrial customers not able to sustain operations through the economic disruptions related to the pandemic.

We are exposed to risk that customers will not remit payment for delivered energy or services, and that suppliers or counterparties will not perform under various financial or operating agreements.

Our extension of credit is governed by a Corporate Credit Risk Policy, involves considerable judgment by our employees and is based on an evaluation of a customer or counterparty's financial condition, credit history and other factors. We monitor our credit risk exposure by obtaining credit reports and updated financial information for customers and suppliers, and by evaluating the financial status of our banking partners and other counterparties by reference to market-based metrics such as credit default swap pricing levels, and to traditional credit ratings provided by the major credit rating agencies. Adverse economic conditions result in an increase in defaults by customers, suppliers and counterparties. As stated above, in connection with the COVID-19 pandemic, certain state regulatory commissions instituted regulatory moratoriums that have impacted our ability to pursue our standard credit risk mitigation practices.

ITEM 1A. RISK FACTORS

NISOURCE INC.

We are a holding company and are dependent on cash generated by our subsidiaries to meet our debt obligations and pay dividends on our stock.

We are a holding company and conduct our operations primarily through our subsidiaries, which are separate and distinct legal entities. Substantially all of our consolidated assets are held by our subsidiaries. Accordingly, our ability to meet our debt obligations or pay dividends on our common stock and preferred stock is largely dependent upon cash generated by these subsidiaries. In the event a major subsidiary is not able to pay dividends or transfer cash flows to us, our ability to service our debt obligations or pay dividends could be negatively affected.

Capital market performance and other factors may decrease the value of benefit plan assets, which then could require significant additional funding and impact earnings.

The performance of the capital markets affects the value of the assets that are held in trust to satisfy future obligations under defined benefit pension and other postretirement benefit plans. We have significant obligations in these areas and hold significant assets in these trusts as noted in Note 12, "Pension and Other Postretirement Benefits," in the Notes to Consolidated Financial Statements. These assets are subject to market fluctuations and may yield uncertain returns, which fall below our projected rates of return. A decline in the market value of assets may increase the funding requirements of the obligations under the defined benefit pension plan. Additionally, changes in interest rates affect the liabilities under these benefit plans; as interest rates decrease, the liabilities increase, which could potentially increase funding requirements. Further, the funding requirements of the obligations related to these benefits plans may increase due to changes in governmental regulations and participant demographics, including increased numbers of retirements or longer life expectancy assumptions, as well as voluntary early retirements. In addition, lower asset returns result in increased expenses. Ultimately, significant funding requirements and increased pension or other postretirement benefit plan expense could negatively impact our results of operations and financial position.

We have significant goodwill. Any future impairments of goodwill could result in a significant charge to earnings in a future period and negatively impact our compliance with certain covenants under financing agreements.

In accordance with GAAP, we test goodwill for impairment at least annually and review our definite-lived intangible assets for impairment when events or changes in circumstances indicate its fair value might be below its carrying value. Goodwill is also tested for impairment when factors, examples of which include reduced cash flow estimates, a sustained decline in stock price or market capitalization below book value, indicate that the carrying value may not be recoverable.

A significant charge in the future could impact the capitalization ratio covenant under certain financing agreements. We are subject to a financial covenant under our revolving credit facility, which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of December 31, 2020, the ratio was 62.5%.

Changes in the method for determining LIBOR and the potential replacement of the LIBOR benchmark interest rate could adversely affect our business, financial condition, results of operations and cash flows.

Some of our indebtedness, including borrowings under our revolving credit agreement, bears interest at a variable rate based on LIBOR. From time to time, we also enter into hedging instruments to manage our exposure to fluctuations in the LIBOR benchmark interest rate. In addition, these hedging instruments, as well as hedging instruments that our subsidiaries use for hedging natural gas price and basis risk, rely on LIBOR-based rates to calculate interest accrued on certain payments that may be required to be made under these agreements, such as late payments or interest accrued if any cash collateral should be held by a counterparty. Any changes announced by regulators in the method pursuant to which the LIBOR rates are determined may result in a sudden or prolonged increase or decrease in the reported LIBOR rates. If that were to occur, the level of interest payments we incur may change.

In July 2017, the United Kingdom Financial Conduct Authority ("FCA"), which regulates LIBOR, announced that the FCA intends to stop compelling banks to submit rates for the calculation of LIBOR after 2021. In November 2020, the Board of Governors of the U.S. Federal Reserve System, the Federal Deposit Insurance Corporation and the Office of the U.S. Comptroller of the Currency collectively issued a statement encouraging banks to stop entering into financial contracts that use LIBOR as a reference rate as soon as possible, and no later than December 31, 2021. It is not possible to predict the effect of these changes, other reforms or the establishment of alternative reference rates in the United Kingdom or elsewhere. In the United States, efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee of the Federal Reserve Board and the Federal Reserve Bank of New York. The Alternative Reference Rates Committee has proposed the Secured Overnight Financing Rate ("SOFR") as its recommended alternative to LIBOR, and the Federal Reserve Bank of New York began publishing SOFR rates in April 2018. SOFR is intended to be a

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broad measure of the cost of borrowing cash overnight that is collateralized by U.S. Treasury securities. However, because SOFR is a broad U.S. Treasury repurchase agreement financing rate that represents overnight secured funding transactions, it differs fundamentally from LIBOR. For example, SOFR is a secured overnight rate, while LIBOR is an unsecured rate that represents interbank funding over different maturities. In addition, because SOFR is a transaction-based rate, it is backward-looking, whereas LIBOR is forward-looking. Because of these and other differences, there is no assurance that SOFR will perform in the same way as LIBOR would have performed at any time, and there is no guarantee that it is a comparable substitute for LIBOR.

In addition, although certain of our LIBOR based obligations provide for alternative methods of calculating the interest rate payable on certain of our obligations if LIBOR is not reported, which include, without limitation, requesting certain rates from major reference banks in London or New York, uncertainty as to the extent and manner of future changes may result in interest rates and/or payments that are higher than, lower than or that do not otherwise correlate over time with, the interest rates or payments that would have been made on our obligations if a LIBOR-based rate was available in its current form.

LITIGATION, REGULATORY AND LEGISLATIVE RISKS

The outcome of legal and regulatory proceedings, investigations, inquiries, claims and litigation related to our business operations may have a material adverse effect on our results of operations, financial position or liquidity.

We are involved in legal and regulatory proceedings, investigations, inquiries, claims and litigation in connection with our business operations, including those related to the Greater Lawrence Incident, the most significant of which are summarized in Note 20, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements. Our insurance does not cover all costs and expenses that we have incurred or that we may incur in the future relating to the Greater Lawrence Incident, and may not fully cover incidents that could occur in the future. Due to the inherent uncertainty of the outcomes of such matters, there can be no assurance that the resolution of any particular claim or proceeding would not have a material adverse effect on our results of operations, financial position or liquidity.

The Greater Lawrence Incident has materially adversely affected and may continue to materially adversely affect our financial condition, results of operations and cash flows.

In connection with the Greater Lawrence Incident, we have incurred and will incur various costs and expenses. We have been subject to inquiries and investigations by government authorities and regulatory agencies regarding the Greater Lawrence Incident, including the Massachusetts DPU and the Massachusetts Attorney General's Office, as further described in Note 7, "Goodwill and Other Intangible Assets," Note 20-C, "Legal Proceedings," and Note 20-E, "Other Matters" in the Notes to Consolidated Financial Statements.

While we have recovered the full amount of our liability insurance coverage available under our policies, total expenses related to the incident have exceeded such amount. Expenses in excess of our liability insurance coverage have materially adversely affected and may continue to materially adversely affect our results of operations, cash flows and financial position.

We may also incur additional costs associated with the Greater Lawrence Incident, beyond the amount currently anticipated, including in connection with the U.S. Attorney's Office investigation as well as civil litigation. Further, state or federal legislation may be enacted that would require us to incur additional costs by mandating various changes, including changes to our operating practice standards for natural gas distribution operations and safety. If we are unable to recover the capital cost of the gas pipeline replacement through the pending property insurance litigation related to this matter, or we incur a material amount of other costs, our financial condition, results of operations, and cash flows could be materially and adversely affected.

Further, if it is determined in other matters that we did not comply with applicable statutes, regulations or rules in connection with the operations or maintenance of our natural gas system, and we are ordered to pay additional amounts in penalties, or other amounts, our financial condition, results of operations, and cash flows could be materially and adversely affected.

Our settlement with the U.S. Attorney's Office in respect of federal charges in connection with the Greater Lawrence Incident may expose us to further penalties, liabilities and private litigation, and may impact our operations.

On February 26, 2020, the Company entered into a DPA and Columbia of Massachusetts entered into a plea agreement with the U.S. Attorney's Office to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident, which was subsequently approved by the United States District Court for the District of Massachusetts (the "Court"). See Note 20-C, "Legal Proceedings" in the Notes to Consolidated Financial Statements. The agreements impose various compliance and remedial obligations on the Company and Columbia of Massachusetts. Failure to comply with the terms of these agreements could result in further enforcement action by the U.S. Attorney's Office, expose the Company and Columbia of Massachusetts

ITEM 1A. RISK FACTORS

NISOURCE INC.

to penalties, financial or otherwise, and subjects the Company to further private litigation, each of which could impact our operations and have a material adverse effect on our business.

Our businesses are subject to various laws, regulations and tariffs. We could be materially adversely affected if we fail to comply with such laws, regulations and tariffs or with any changes in or new interpretations of such laws, regulations and tariffs.

Our businesses are subject to various laws, regulations and tariffs, including, but not limited to, those relating to natural gas pipeline safety, employee safety, the environment and our energy infrastructure. Existing laws, regulations and tariffs may be revised or become subject to new interpretations, and new laws, regulations and tariffs may be adopted or become applicable to us and our operations. In some cases, compliance with new laws, regulations and tariffs increases our costs. If we fail to comply with laws, regulations and tariffs applicable to us or with any changes in or new interpretations of such laws, regulations or tariffs, our financial condition, results of operations, regulatory outcomes and cash flows may be materially adversely affected.

Our businesses are regulated under numerous environmental laws. The cost of compliance with these laws, and changes to or additions to, or reinterpretations of the laws, could be significant. Liability from the failure to comply with existing or changed laws could have a material adverse effect on our business, results of operations, cash flows and financial condition.

Our businesses are subject to extensive federal, state and local environmental laws and rules that regulate, among other things, air emissions, water usage and discharges, GHG and waste products such as coal combustion residuals. Compliance with these legal obligations require us to make expenditures for installation of pollution control equipment, remediation, environmental monitoring, emissions fees, and permits at many of our facilities. These expenditures are significant, and we expect that they will continue to be significant in the future. Furthermore, if we fail to comply with environmental laws and regulations or are found to have caused damage to the environment or persons, that failure or harm may result in the assessment of civil or criminal penalties and damages against us, injunctions to remedy the failure or harm, and the inability to operate facilities as designed.

Existing environmental laws and regulations may be revised and new laws and regulations seeking to change environmental regulation of the energy industry may be adopted or become applicable to us, with an increasing focus on both coal and natural gas. Revised or additional laws and regulations may result in significant additional expense and operating restrictions on our facilities or increased compliance costs, which may not be fully recoverable from customers through regulated rates and could, therefore, impact our financial position, financial results and cash flow. Moreover, such costs could materially affect the continued economic viability of one or more of our facilities.

An area of significant uncertainty and risk are the laws concerning emission of GHG. While we continue to reduce GHG emissions through the retirement of coal-fired electric generation, increased sourcing of renewable energy, and priority pipeline replacement, energy efficiency programs, leak detection and repair, GHG emissions are currently an expected aspect of the electric and natural gas business. Revised or additional future GHG legislation and/or regulation related to the generation of electricity or the extraction, production, distribution, transmission, storage and end use of natural gas could materially impact our gas supply, financial position, financial results and cash flows.

Even in instances where legal and regulatory requirements are already known or anticipated, the original cost estimates for environmental improvements, remediation of past environmental impact, or pollution reduction strategies and equipment can differ materially from the amount ultimately expended. The actual future expenditures depend on many factors, including the nature and extent of impact, the method of improvement, the cost of raw materials, contractor costs, and requirements established by environmental authorities. Changes in costs and the ability to recover under regulatory mechanisms could affect our financial position, financial results and cash flows.

Changes in taxation and the ability to quantify such changes as well as challenges to tax positions could adversely affect our financial results.

We are subject to taxation by the various taxing authorities at the federal, state and local levels where we do business. Legislation or regulation which could affect our tax burden could be enacted by any of these governmental authorities. For example, the TCJA includes numerous provisions that affect businesses, including changes to U.S. corporate tax rates, business-related exclusions, deductions and credits. The outcome of regulatory proceedings regarding the extent to which the effect of a change in corporate tax rate will impact customers and the time period over which the impact will occur could significantly impact future earnings and cash flows. Separately, a challenge by a taxing authority, changes in taxing authorities'

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administrative interpretations, decisions, policies and positions, our ability to utilize tax benefits such as carryforwards or tax credits, or a deviation from other tax-related assumptions may cause actual financial results to deviate from previous estimates.

ITEM 1B. UNRESOLVED STAFF COMMENTS

NI SOURCE INC.

None.

ITEM 2. PROPERTIES

Discussed below are the principal properties held by us and our subsidiaries as of December 31, 2020.

Gas Distribution Operations

Refer to Item 1, "Business - Gas Distribution Operations" of this report for further information on Gas Distribution Operations properties.

Electric Operations

Refer to Item 1, "Business - Electric Operations" of this report for further information on Electric Operations properties.

Corporate and Other Operations

We own the Southlake Complex, our 325,000 square foot headquarters building located in Merrillville, Indiana.

Character of Ownership

Our principal properties and our subsidiaries' principal properties are owned free from encumbrances, subject to minor exceptions, none of which are of such a nature as to impair substantially the usefulness of such properties. Many of our subsidiary offices in various communities served are occupied under leases. All properties are subject to routine liens for taxes, assessments and undetermined charges (if any) incidental to construction. It is our practice to regularly pay such amounts, as and when due, unless contested in good faith. In general, the electric lines, gas pipelines and related facilities are located on land not owned by us or our subsidiaries, but are covered by necessary consents of various governmental authorities or by appropriate rights obtained from owners of private property. We do not, however, generally have specific easements from the owners of the property adjacent to public highways over, upon or under which our electric lines and gas distribution pipelines are located. At the time each of the principal properties were purchased, a title search was made. In general, no examination of titles as to rights-of-way for electric lines, gas pipelines or related facilities was made, other than examination, in certain cases, to verify the grantors' ownership and the lien status thereof.

ITEM 3. LEGAL PROCEEDINGS

For a description of our legal proceedings, see Note 20-C "Legal Proceedings" in the Notes to Consolidated Financial Statements.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

SUPPLEMENTAL ITEM. INFORMATION ABOUT OUR EXECUTIVE OFFICERS

NISOURCE INC.

The following is a list of our executive officers, including their names, ages, offices held and other recent business experience.

<u>Name</u>	<u>Age</u>	<u>Office(s) Held in Past 5 Years</u>
Joseph Hamrock	57	President and Chief Executive Officer of NiSource since July 2015.
Donald E. Brown	49	Executive Vice President, Chief Financial Officer and President, NiSource Corporate Services. Executive Vice President of NiSource since May 2015. Chief Financial Officer of NiSource since July 2015. President, NiSource Corporate Services since June 2020. Treasurer of NiSource from July 2015 to June 2016.
Anne-Marie W. D'Angelo	44	Executive Vice President, General Counsel and Corporate Secretary. Executive Vice President of NiSource since January 2021. Corporate Secretary and General Counsel of NiSource since September 2019. Senior Vice President of NiSource from September 2019 to January 2021. General Counsel of Global Brass & Copper Inc. from May 2017 to August 2019. Assistant General Counsel of McDonald's USA from January 2015 to May 2017.
Shawn Anderson	39	Senior Vice President and Chief Strategy and Risk Officer of NiSource since June 2020. Vice President, Strategy of NiSource from January 2019 to May 2020. Vice President of NiSource from May 2018 to December 2018. Treasurer and Chief Risk Officer of NiSource from June 2016 to May 2020. Vice President, Regulatory Affairs and Financial of Columbia of Ohio from July 2015 to June 2016.
Charles E. Shafer, II	51	Senior Vice President and Chief Safety Officer of NiSource since October 2019. Senior Vice President, Gas Engineering and Gas Support Services of NiSource Corporate Services Company from January 2019 to September 2019. Senior Vice President, Customer Services and New Business of NiSource Corporate Services Company from May 2016 through December 2018. Vice President, Engineering and Construction of NiSource Corporate Services Company from June 2012 to May 2016.
Violet G. Sistovaris	59	Executive Vice President and Chief Experience Officer. Executive Vice President of NiSource since July 2015. Chief Experience Officer of NiSource since June 2020. President, NIPSCO of NiSource from July 2015 to May 2020.
Pablo A. Vegas	47	Executive Vice President, Chief Operating Officer and President, NiSource Utilities. Executive Vice President of NiSource since May 2016. Chief Operating Officer and President, NiSource Utilities of NiSource since June 2020. President, Gas Utilities of NiSource from January 2019 to May 2020. Chief Restoration Officer of NiSource from September 2018 to December 2018. Executive Vice President, Gas Business Segment and Chief Customer Officer of NiSource from May 2017 to September 2018. President, Columbia Gas Group, of NiSource from May 2016 to May 2017. President and Chief Operating Officer of American Electric Power Company of Ohio from May 2012 to May 2016.

PART II**ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES****NISOURCE INC.**

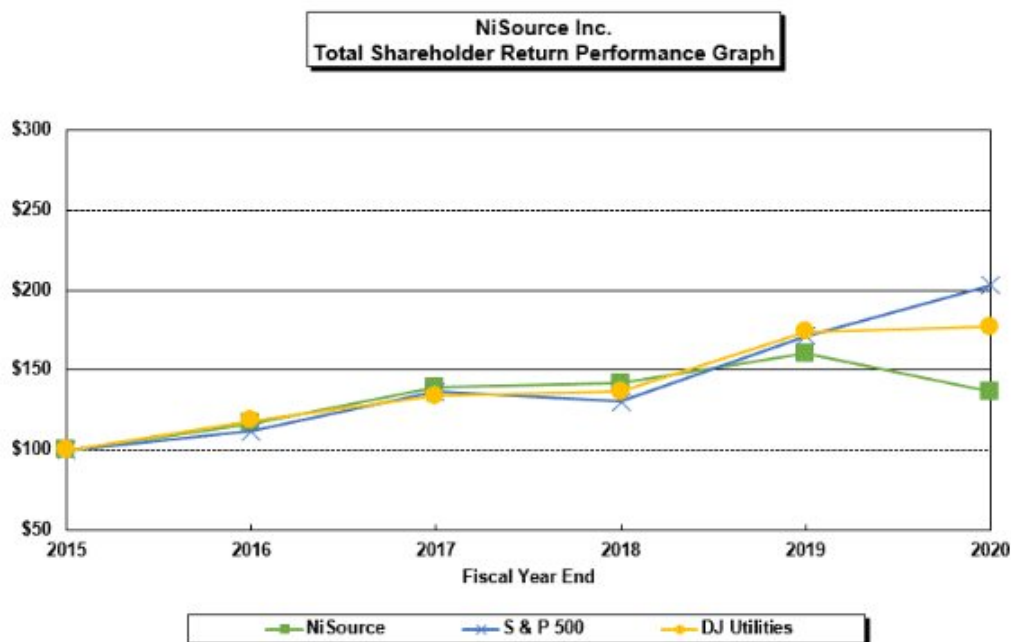
NiSource's common stock is listed and traded on the New York Stock Exchange under the symbol "NI."

Holders of shares of NiSource's common stock are entitled to receive dividends if and when declared by NiSource's Board out of funds legally available, subject to the prior dividend rights of holders of our preferred stock or the depositary shares representing such preferred stock outstanding, and if full dividends have not been declared and paid on all outstanding shares of preferred stock in any dividend period, no dividend may be declared or paid or set aside for payment on our common stock. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August, and November. At its January 27, 2021 meeting, the Board declared a quarterly common dividend of \$0.22 per share, payable on February 19, 2021 to holders of record on February 9, 2021.

Although the Board currently intends to continue the payment of regular quarterly cash dividends on common shares, the timing and amount of future dividends will depend on the earnings of NiSource's subsidiaries, their financial condition, cash requirements, regulatory restrictions, any restrictions in financing agreements and other factors deemed relevant by the Board. There can be no assurance that NiSource will continue to pay such dividends or the amount of such dividends.

As of February 9, 2021, NiSource had 18,211 common stockholders of record and 391,859,711 shares outstanding.

The graph below compares the cumulative total shareholder return of NiSource's common stock for the last five years with the cumulative total return for the same period of the S&P 500 and the Dow Jones Utility indices.



The foregoing performance graph is being furnished as part of this annual report solely in accordance with the requirement under Rule 14a-3(b)(9) to furnish stockholders with such information, and therefore, shall not be deemed to be filed or incorporated by reference into any filings by NiSource under the Securities Act or the Exchange Act.

The total shareholder return for NiSource common stock and the two indices is calculated from an assumed initial investment of \$100 and assumes dividend reinvestment.

Purchases of Equity Securities by Issuer and Affiliated Purchasers. For the three months ended December 31, 2020, no equity securities that are registered by NiSource Inc. pursuant to Section 12 of the Securities Exchange Act of 1934 were purchased by or on behalf of us or any of our affiliated purchasers.

ITEM 6. SELECTED FINANCIAL DATA

NISOURCE INC.

None.

On November 19, 2020, the SEC issued amendments to streamline and enhance certain financial disclosure requirements in Regulation S-K. These changes are effective for annual filings for the first fiscal year ending on or after August 9, 2021. Early adoption is permitted for companies after February 10, 2021, and companies are permitted to selectively early adopt the provisions of the final rules, provided an amended item is adopted in its entirety. We early adopted the amendments to Item 301 in their entirety, which removed the requirement to furnish selected financial data for each of the last five fiscal years.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**NISOURCE INC.**

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EXECUTIVE SUMMARY

This Management's Discussion and Analysis of Financial Condition and Results of Operations (Management's Discussion) analyzes our financial condition, results of operations and cash flows and those of our subsidiaries. It also includes management's analysis of past financial results and certain potential factors that may affect future results, potential future risks and approaches that may be used to manage those risks. See "Note regarding forward-looking statements" at the beginning of this report for a list of factors that may cause results to differ materially.

Management's Discussion is designed to provide an understanding of our operations and financial performance and should be read in conjunction with our Consolidated Financial Statements and related Notes to Consolidated Financial Statements in this annual report.

We are an energy holding company under the Public Utility Holding Company Act of 2005 whose subsidiaries are fully regulated natural gas and electric utility companies serving customers in six states. We generate substantially all of our operating income through these rate-regulated businesses, which are summarized for financial reporting purposes into two primary reportable segments: Gas Distribution Operations and Electric Operations.

Refer to the "Business" section under Item 1 of this annual report and Note 24, "Segments of Business," in the Notes to Consolidated Financial Statements for further discussion of our regulated utility business segments.

Our goal is to develop strategies that benefit all stakeholders as we (i) address changing customer conservation patterns, (ii) develop more contemporary pricing structures, and (iii) embark on long-term infrastructure investment and safety programs. These strategies focus on improving reliability and safety, enhancing customer service, lowering customer bills and reducing emissions while generating sustainable returns. Additionally, we continue to pursue regulatory and legislative initiatives that will allow residential customers not currently on our system to obtain gas service in a cost effective manner. Refer also to the *Electric Supply* section of our Electric Operations Segment discussion for additional information on our long term electric generation strategy.

Columbia of Massachusetts Asset Sale: On February 26, 2020, NiSource and Columbia of Massachusetts entered into an Asset Purchase Agreement with Eversource (the "Asset Purchase Agreement"). Upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, we sold the Massachusetts Business to Eversource for net proceeds of approximately \$1,113 million in cash, subject to adjustment for the final working capital amount. The sale was approved by the Massachusetts DPU on October 7, 2020, and closed on October 9, 2020. As a result of the sale, we have transitioned to executing a TSA with Eversource. See Note 1, "Nature of Operations and Summary of Significant Accounting Policies," in the Notes to Consolidated Financial Statements for additional information.

Your Energy, Your Future: Our plan to replace 80% of our coal generation capacity by the end of 2023 and all of our coal generation by the end of 2028 with primarily renewable resources is well underway. In October 2020, we executed three BTAs for 900 MW solar nameplate capacity and 135 MW of storage capacity. In December 2020, the formation of the Rosewater Wind Generation joint venture, one of our previously executed BTAs, was completed, and has begun operation. We executed in December 2020 a PPA for an additional 280 MW of solar nameplate capacity. These projects were selected following a comprehensive review of bids submitted through the RFP process that NIPSCO underwent in late 2019. The projects complement previously executed BTAs and PPAs with a combined nameplate capacity of 400 MW and 1,300 MW, respectively. For additional information, see Note 4 "Variable Interest Entities" and "Results and Discussion of Segment Operation - Electric Operations," in this Management's Discussion.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

NiSource Next: We have launched a comprehensive, multi-year program designed to deliver long-term safety, sustainable capability enhancements and cost optimization improvements. This program will advance the high priority we place on safety and risk mitigation, further enable our safety management system ("SMS"), and enhance the customer experience. NiSource Next is designed to (i) leverage our current scale, (ii) utilize technology, (iii) define clear roles and accountability with our leaders and employees, and (iv) standardize our processes to focus on operational rigor, quality management and continuous improvement. An initial step in this program was the voluntary separation program announced in August 2020, with an expected total severance expense of approximately \$38.0 million. The majority of these separation costs will be expensed in 2020 and approximately \$21.2 million has been paid as of December 31, 2020. The NiSource Next initiative, along with the sale of the Massachusetts Business, is projected to achieve a reduction in ongoing operation and maintenance costs by approximately 8% in 2021 compared to 2020. For additional information, see Note 20-E, "Other Matters," in the Notes to Consolidated Financial Statements.

COVID-19: The safety of our employees and customers, while providing essential services during the COVID-19 pandemic, continues to be a key area of focus. Since March 2020, we have taken a proactive, coordinated approach intended to prevent, mitigate and respond to the pandemic, by utilizing our Incident Command System (ICS). The ICS includes members of our executive leadership team, a medical review professional, and members of functional teams from across our company. The ICS monitors state-by-state conditions and determines steps to conduct our operations safely for employees and customers.

We have implemented procedures designed to protect our employees who work in the field and who continue to work in operational and corporate facilities, including social distancing, wearing face coverings, temperature checks and more frequent cleaning of equipment and facilities. We have also implemented work-from-home policies and practices. We have minimized non-essential work that requires an employee to enter a customer premise and limited company vehicle occupancy to one person, where possible. We continue to employ physical and cybersecurity measures to ensure that our operational and support systems remain functional. Our actions to date have mitigated the spread of COVID-19 amongst our employees and principal field contractors. We will continue to follow CDC guidance and implement safety measures intended to ensure employee and customer safety during this pandemic. We are following all federal, state and local guidelines related to the COVID-19 vaccinations and will encourage employees to receive the vaccine when it is available to them.

Since the beginning of the pandemic, we have been helping our customers navigate this challenging time. We suspended disconnections soon after this outbreak began. As of December 2020, suspension of disconnections has been lifted in some, but not all, of our jurisdictions. We plan to continue our payment assistance programs across all of our operating territory to help customers deal with the impact of the pandemic. Additionally, we continue to have dialogue with the state regulatory commissions for each of our operating companies regarding the pandemic. Regulatory deferrals for certain costs have been allowed by all of our state regulatory commissions. Costs approved for deferral vary by state. For information on the state specific suspension of disconnections and COVID-19 regulatory filings, see Note 9, "Regulatory Matters," in the Notes to Consolidated Financial Statements. The CARES Act was enacted on March 27, 2020 and provides monetary-relief and financial aid to individuals, business, nonprofits, states and municipalities. The Coronavirus Relief Act was enacted on December 27, 2020 and extended or supplemented many of the programs from the CARES act. We are continuing to promote multiple resources available to customers including benefits from the CARES Act, such as additional funding for both the Low-Income Home Energy Assistance Program and the Community Services Block Grant to help support income-qualified customers. We are sharing energy efficiency tips to help customers save energy at home and promoting our budget plan program, which allows customers to pay about the same amount each month.

We have experienced lower revenue, higher expenses for personal protective equipment and supplies, and higher bad debt expense as a consequence of the pandemic, which has negatively impacted our results of operations through December 31, 2020. Refer to "Results and Discussion of Segment Operation" in this Management's Discussion for additional segment specific information. We did experience lower cash flows from operations for the year ended December 31, 2020 in comparison to the same period in 2019 due, in part, to slower collections of customer accounts receivable; however, we believe we have sufficient liquidity as a result of the issuance of \$1.0 billion notes in April 2020, the remaining cash proceeds received from the sale of the Massachusetts Business in October 2020, the available capacity under our short-term revolving credit facility and accounts receivable securitization facilities, and our anticipated ability to access capital markets. Additionally, in the second quarter of 2020 we reduced our planned 2020 capital investments by \$145 million. We did not make any other material changes to our capital construction programs or our renewable generation projects. While we have not experienced any significant issues in our supply chain, we are actively managing the materials, supplies, and contract services for our generation, transmission, distribution, and customer services functions.

Refer to Part I. Item 1A. "Risk Factors" for additional information related to the ongoing impact of the pandemic.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.

Greater Lawrence Incident: For the year ended December 31, 2020, we have incurred \$17 million of third-party claims and other incident-related costs associated with the Greater Lawrence Incident. For additional information, see Note 20-C, "Legal Proceedings" and Note 20-E "Other Matters," in the Notes to Consolidated Financial Statements.

We invested approximately \$258 million of capital spend for specific pipeline replacement work that was completed in 2019. We maintain property insurance for gas pipelines and other applicable property. In 2019, Columbia of Massachusetts filed a proof of loss with its property insurer for this pipeline replacement work. In January 2020, we filed a lawsuit against the property insurer, seeking payment of our property claim. We are currently unable to predict the timing or amount of any insurance recovery under the property policy. See Note 1, "Nature of Operations and Summary of Significant Accounting Policies," in the Notes to Consolidated Financial Statements for additional information.

Refer to Note 20-C, "Legal Proceedings" and Note 20-E "Other Matters," in the Notes to Consolidated Financial Statements, "Summary of Consolidated Financial Results," "Results and Discussion of Segment Operation - Gas Distribution Operations," and "Liquidity and Capital Resources" in this Management's Discussion for additional information related to the Greater Lawrence Incident.

Summary of Consolidated Financial Results

A summary of our consolidated financial results for the years ended December 31, 2020, 2019 and 2018, are presented below:

Year Ended December 31, (in millions, except per share amounts)	2020	2019	2018	2020 vs. 2019	2019 vs. 2018
Operating Revenues	\$ 4,681.7	\$ 5,208.9	\$ 5,114.5	\$ (527.2)	\$ 94.4
Operating Expenses					
Cost of energy	1,109.3	1,534.8	1,761.3	(425.5)	(226.5)
Other Operating Expenses	3,021.6	2,783.4	3,228.5	238.2	(445.1)
Total Operating Expenses	4,130.9	4,318.2	4,989.8	(187.3)	(671.6)
Operating Income	550.8	890.7	124.7	(339.9)	766.0
Total Other Deductions, Net	(582.1)	(384.1)	(355.3)	(198.0)	(28.8)
Income Taxes	(17.1)	123.5	(180.0)	(140.6)	303.5
Net Income (Loss)	(14.2)	383.1	(50.6)	(397.3)	433.7
Net income attributable to noncontrolling interest	3.4	—	—	3.4	—
Net Income (Loss) attributable to NiSource	(17.6)	383.1	(50.6)	(400.7)	433.7
Preferred dividends	(55.1)	(55.1)	(15.0)	—	(40.1)
Net Income (Loss) Available to Common Shareholders	(72.7)	328.0	(65.6)	(400.7)	393.6
Basic Earnings (Loss) Per Share	\$ (0.19)	\$ 0.88	\$ (0.18)	\$ (1.07)	\$ 1.06
Basic Average Common Shares Outstanding	384.3	374.6	356.5	9.7	18.1

The majority of the costs of energy in both segments are tracked costs that are passed through directly to the customer, resulting in an equal and offsetting amount reflected in operating revenues.

On a consolidated basis, we reported a net loss available to common shareholders of \$72.7 million or \$0.19 per basic share for the twelve months ended December 31, 2020 compared to income to common shareholders of \$328.0 million or \$0.88 per basic share for the same period in 2019. Additionally, we reported operating income of \$550.8 million for the twelve months ended December 31, 2020 compared to \$890.7 million for the same period in 2019. The decrease in both net income available to common shareholders and operating income during 2020 was primarily due to lower operating revenue related to the sale of the Massachusetts Business, as well as higher operating expenses due to insurance recoveries recorded in 2019, net of third-party claims and other costs, related to the Greater Lawrence Incident. Additionally, the decrease to net income available to common shareholders was also impacted by the loss on early extinguishment of debt in 2020 as well as partially offset by a change from income tax expense in 2019 to an income tax benefit in 2020.

Other Deductions, Net

Other deductions, net reduced income by \$582.1 million in 2020 compared to a reduction in income of \$384.1 million in 2019. This change is primarily due to the loss on early extinguishment of debt in 2020.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Income Taxes

The decrease in income tax expense from 2019 to 2020 is primarily attributable to lower pre-tax income, resulting from the items discussed above in "Operating Income" and "Other Deductions, Net," state jurisdictional mix of pre-tax loss in 2020 tax effected at statutory tax rates and increased amortization of excess deferred federal income taxes in 2020 compared to 2019. These items are offset by increased deferred tax expense recognized on the sale of the Columbia of Massachusetts' regulatory liability, established due to TCJA in 2017, that would have otherwise been recognized over the amortization period, non-cash impairment of goodwill related to Columbia of Massachusetts in 2019 (see Note 7, "Goodwill and Other Intangible Assets" for additional information) and one-time adjustments to deferred tax balances.

Refer to Note 11, "Income Taxes," in the Notes to Consolidated Financial Statements for additional information on income taxes and the change in the effective tax rate.

RESULTS AND DISCUSSION OF OPERATIONS

Presentation of Segment Information

Our operations are divided into two primary reportable segments: Gas Distribution Operations and Electric Operations. The remainder of our operations, which are not significant enough on a stand-alone basis to warrant treatment as an operating segment, are presented as "Corporate and Other" within the Notes to the Consolidated Financial Statements and primarily are comprised of interest expense on holding company debt, and unallocated corporate costs and activities.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.
Gas Distribution Operations

Financial and operational data for the Gas Distribution Operations segment for the years ended December 31, 2020, 2019 and 2018, are presented below:

Year Ended December 31, <i>(in millions)</i>	2020	2019	2018	2020 vs. 2019	2019 vs. 2018
Operating Revenues	\$ 3,140.1	\$ 3,522.8	\$ 3,419.5	\$ (382.7)	\$ 103.3
Operating Expenses					
Cost of energy	794.2	1,067.6	1,259.3	(273.4)	(191.7)
Operation and maintenance	1,138.0	935.7	1,908.1	202.3	(972.4)
Depreciation and amortization	363.1	403.2	301.0	(40.1)	102.2
Impairment of intangible assets	—	209.7	—	(209.7)	209.7
Loss on sale of fixed assets and impairments, net	412.4	0.1	0.2	412.3	(0.1)
Other taxes	233.3	231.1	205.0	2.2	26.1
Total Operating Expenses	2,941.0	2,847.4	3,673.6	93.6	(826.2)
Operating Income (Loss)	\$ 199.1	\$ 675.4	\$ (254.1)	\$ (476.3)	\$ 929.5
Revenues					
Residential	\$ 2,110.6	\$ 2,317.2	\$ 2,248.3	\$ (206.6)	\$ 68.9
Commercial	679.7	775.1	753.7	(95.4)	21.4
Industrial	213.8	245.8	228.6	(32.0)	17.2
Off-System	41.0	77.7	92.4	(36.7)	(14.7)
Other	95.0	107.0	96.5	(12.0)	10.5
Total	\$ 3,140.1	\$ 3,522.8	\$ 3,419.5	\$ (382.7)	\$ 103.3
Sales and Transportation (MMDth)					
Residential	249.5	274.9	280.3	(25.4)	(5.4)
Commercial	170.5	189.6	187.6	(19.1)	2.0
Industrial	538.1	542.5	555.7	(4.4)	(13.2)
Off-System	23.3	32.9	30.0	(9.6)	2.9
Other	0.3	0.3	—	—	0.3
Total	981.7	1,040.2	1,053.6	(58.5)	(13.4)
Heating Degree Days	5,097	5,375	5,562	(278)	(187)
Normal Heating Degree Days	5,485	5,452	5,610	33	(158)
% Warmer than Normal	(7)%	(1)%	(2)%		
Gas Distribution Customers					
Residential	2,954,478	3,221,178	3,194,662	(266,700)	26,516
Commercial	253,184	282,778	281,517	(29,594)	1,261
Industrial	4,968	5,982	5,833	(1,014)	149
Other	3	3	3	—	—
Total	3,212,633	3,509,941	3,482,015	(297,308)	27,926

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)**NISOURCE INC.****Gas Distribution Operations (continued)**

Cost of energy for the Gas Distribution Operations segment is principally comprised of the cost of natural gas used while providing transportation and distribution services to customers. These are tracked costs that are passed through directly to the customer resulting in an equal and offsetting amount reflected in operating revenue. In addition, comparability of operation and maintenance expenses, depreciation and amortization, and other taxes may be impacted by regulatory, depreciation and tax trackers that allow for the recovery in rates of certain costs. Therefore, increases in these tracked operating expenses are offset by increases in operating revenues and have essentially no impact on net income.

2020 vs. 2019 Operating Income

For 2020, Gas Distribution Operations reported operating income of \$199.1 million, a decrease of \$476.3 million from the comparable 2019 period.

Operating revenues for 2020 were \$3,140.1 million, a decrease of \$382.7 million from the same period in 2019. The change in operating revenues was primarily driven by:

- Lower cost of energy billed to customers, which is offset in operating expense, of \$273.4 million.
- Lower revenues due to the sale of the Massachusetts Business of \$102.2 million.
- Lower revenues from the effects of warmer weather in 2020 of \$47.9 million.
- Lower regulatory, depreciation, and tax trackers, which are offset in operating expense, of \$20.7 million.
- The effects of decreased commercial and industrial usage and decreased late and disconnection fees, both primarily related to the COVID-19 pandemic, of \$11.3 million.

Partially offset by:

- New rates from base rate proceedings, infrastructure replacement programs and Columbia of Ohio's CEP of \$57.1 million.
- The effects of increased residential usage primarily related to the pandemic of \$5.0 million.

Operating expenses were \$93.6 million higher in 2020 compared to 2019. This change was primarily driven by:

- Loss on sale of the Massachusetts Business of \$412.4 million.
- Insurance recoveries recorded in 2019, net of third party claims and other costs, related to the Greater Lawrence Incident of \$243.2 million.
- Severance and outside services expense related to NiSource Next initiative of \$32.4 million.
- Increased expenses primarily due to the impact of the pandemic related to materials and supplies, outside services, and uncollectible expenses of \$23.8 million, offset by \$12.0 million of deferral of uncollectible and other expenses, net of benefits, related to the pandemic.
- Higher depreciation and amortization and property tax expense primarily due to higher capital expenditures placed in service of \$24.3 million

Partially offset by:

- Lower cost of energy billed to customers, which is offset in operating revenue, of \$273.4.
- Non-cash impairment of the Columbia of Massachusetts franchise rights of \$209.7 million in 2019.
- Lower operation and maintenance and depreciation and amortization expenses due to the Massachusetts Business sale of \$98.7 million.
- Lower employee and administrative expense of \$28.9 million.
- Lower regulatory, depreciation, and tax trackers, which are offset in operating revenues, of \$20.7 million.

2019 vs. 2018 Operating Income

For 2019, Gas Distribution Operations reported operating income of \$675.4 million, an increase of \$929.5 million from the comparable 2018 period.

Operating revenues for 2019 were \$3,522.8 million, an increase of \$103.3 million from the same period in 2018. The change in operating revenues was primarily driven by:

- New rates from base rate proceedings and infrastructure replacement programs of \$243.2 million.
- Higher regulatory, depreciation and tax trackers, which are offset in operating expense, of \$36.2 million.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Gas Distribution Operations (continued)

- Higher revenues of \$14.5 million resulting from an update in the weather-related normal heating degree day methodology, partially offset by a \$7.1 million revenue decrease from the effects of warmer weather in 2019.
- The effects of commercial and residential customer growth of \$12.8 million.

Partially offset by:

- Lower cost of energy billed to customers, which is offset in operating expenses of \$191.7 million.

Operating expenses were \$826.2 million lower in 2019 compared to 2018. This change was primarily driven by:

- Decreased expenses related to third-party claims and other costs for the Greater Lawrence Incident of \$1,090.7 million, net of insurance recoveries recorded.
- Lower cost of energy billed to customers, which is offset in operating revenues of \$191.7 million.

Partially offset by:

- Non-cash impairment of the Columbia of Massachusetts franchise rights of \$209.7 million.
- Increased depreciation of \$103.8 million due to the regulatory outcome of NIPSCO's gas rate case, an increase in amortization of depreciation previously deferred as a regulator asset resulting from Columbia of Ohio's CEP, and higher capital expenditures placed in service.
- Higher employee and administrative expenses of \$50.2 million driven by resources shifting from the temporary assistance on the Greater Lawrence Incident restoration to normal operations (offset in the decreased Greater Lawrence Incident costs discussed above) and an increase in headcount.
- Increased regulatory, depreciation and tax trackers, which are offset in operating revenues, of \$36.2 million.
- Higher property taxes of \$22.2 million primarily due to increased amortization of property taxes previously deferred as a regulatory asset resulting from Columbia of Ohio's CEP, as well as higher capital expenditures placed in service.
- Higher outside services of \$17.4 million primarily due to increased line location and safety-related work.

Weather

In general, we calculate the weather-related revenue variance based on changing customer demand driven by weather variance from normal heating degree days, net of weather normalization mechanisms. Our composite heating degree days reported do not directly correlate to the weather-related dollar impact on the results of Gas Distribution Operations. Heating degree days experienced during different times of the year or in different operating locations may have more or less impact on volume and dollars depending on when and where they occur. When the detailed results are combined for reporting, there may be weather-related dollar impacts on operations when there is not an apparent or significant change in our aggregated composite heating degree day comparison.

The definition of "normal" weather was updated during the first quarter of 2019 to reflect more current weather pattern data and to more closely align with the regulators' jurisdictional definitions of "normal" weather. Impacts of the change in methodology will be reflected prospectively and disclosed to the extent it results in notable year-over-year variances in operating revenues.

Weather in the Gas Distribution Operations service territories for 2020 was about 7% warmer than normal and about 5% warmer than 2019, leading to decreased operating revenues of \$47.9 million for the year ended December 31, 2020 compared to 2019. The majority of these amounts were driven by NIPSCO and Columbia of Pennsylvania.

Weather in the Gas Distribution Operations service territories for 2019 was about 1% warmer than normal and about 3% warmer than 2018; however, due to the aforementioned change in methodology, the change in operating revenues attributed to weather resulted in an increase of \$7.4 million for the year ended December 31, 2019 compared to 2018. The variance is detailed further below:

- An update in the weather-related normal heating degree day methodology resulting in a favorable variance attributed to weather of \$14.5 million, as discussed above.

Offset by:

- The effects of warmer weather in 2019 of \$7.1 million.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Gas Distribution Operations (continued)

Throughput

Total volumes sold and transported for the year ended December 31, 2020 were 981.7 MMDth, compared to 1,040.2 MMDth for 2019. This decrease is primarily attributable to warmer weather experienced in 2020 compared to 2019, the sale of the Massachusetts Business and decreased usage by commercial and industrial customers primarily due to the pandemic.

Total volumes sold and transported for the year ended December 31, 2019 were 1,040.2 MMDth, compared to 1,053.6 MMDth for 2018. This decrease is primarily attributable to warmer weather experienced in 2019 compared to 2018.

Commodity Price Impact

All of our Gas Distribution Operations companies have state-approved recovery mechanisms that provide a means for full recovery of prudently incurred gas costs. Gas costs are treated as pass-through costs and have no impact on the operating income recorded in the period. The gas costs included in revenues are matched with the gas cost expense recorded in the period and the difference is recorded on the Consolidated Balance Sheets as under-recovered or over-recovered gas cost to be included in future customer billings.

Certain Gas Distribution Operations companies continue to offer choice opportunities, where customers can choose to purchase gas from a third-party supplier, through regulatory initiatives in their respective jurisdictions. These programs serve to further reduce our exposure to gas prices.

Greater Lawrence Incident

Refer to Note 20-C. "Legal Proceedings," and Note 20-E. "Other Matters," in the Notes to Consolidated Financial Statements, "Summary of Consolidated Financial Results" and "Liquidity and Capital Resources" in this Management's Discussion, and Part I. Item 1A. "Risk Factors" for additional information related to the Greater Lawrence Incident.

Columbia of Massachusetts Asset Sale

On February 26, 2020, we entered into the Asset Purchase Agreement with Eversource providing for the sale of the Massachusetts Business to Eversource, subject to the terms and conditions set forth in the agreement. This sale was completed on October 9, 2020. For additional information, see Note 1, "Nature of Operations and Summary of Significant Accounting Policies," in the Notes to Consolidated Financial Statements.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.
Electric Operations

Financial and operational data for the Electric Operations segment for the years ended December 31, 2020, 2019 and 2018, are presented below:

Year Ended December 31, <i>(in millions)</i>	2020	2019	2018	2020 vs. 2019	2019 vs. 2018
Operating Revenues	\$ 1,536.6	\$ 1,699.2	\$ 1,708.2	\$ (162.6)	\$ (9.0)
Operating Expenses					
Cost of energy	315.2	467.3	502.1	(152.1)	(34.8)
Operation and maintenance	497.6	495.0	500.0	2.6	(5.0)
Depreciation and amortization	321.3	277.3	262.9	44.0	14.4
Gain on sale of fixed assets and impairments, net	—	(0.1)	—	0.1	(0.1)
Other taxes	53.7	52.9	57.1	0.8	(4.2)
Total Operating Expenses	1,187.8	1,292.4	1,322.1	(104.6)	(29.7)
Operating Income	\$ 348.8	\$ 406.8	\$ 386.1	\$ (58.0)	\$ 20.7
Revenues					
Residential	\$ 527.8	\$ 481.6	\$ 494.7	\$ 46.2	\$ (13.1)
Commercial	480.3	486.7	492.6	(6.4)	(5.9)
Industrial	412.9	608.4	614.4	(195.5)	(6.0)
Wholesale	12.3	11.7	15.7	0.6	(4.0)
Other	103.3	110.8	90.8	(7.5)	20.0
Total	\$ 1,536.6	\$ 1,699.2	\$ 1,708.2	\$ (162.6)	\$ (9.0)
Sales (Gigawatt Hours)					
Residential	3,484.0	3,369.5	3,535.2	114.5	(165.7)
Commercial	3,550.0	3,760.3	3,844.6	(210.3)	(84.3)
Industrial	7,480.3	8,466.1	8,829.5	(985.8)	(363.4)
Wholesale	83.6	8.2	114.3	75.4	(106.1)
Other	106.0	117.2	124.4	(11.2)	(7.2)
Total	14,703.9	15,721.3	16,448.0	(1,017.4)	(726.7)
Cooling Degree Days	900	962	1,180	(62)	(218)
Normal Cooling Degree Days	803	803	806	—	(3)
% Warmer than Normal	12 %	20 %	46 %		
Electric Customers					
Residential	418,871	415,534	412,267	3,337	3,267
Commercial	57,435	57,058	56,605	377	453
Industrial	2,154	2,256	2,284	(102)	(28)
Wholesale	722	726	735	(4)	(9)
Other	2	2	2	—	—
Total	479,184	475,576	471,893	3,608	3,683

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)**NISOURCE INC.****Electric Operations (continued)**

Cost of energy for the Electric Operations segment is principally comprised of the cost of coal, related handling costs, natural gas purchased for internal generation of electricity at NIPSCO, and the cost of power purchased from third-party generators of electricity. The majority of these are tracked costs that are passed through directly to the customer resulting in an equal and offsetting amount reflected in operating revenue. In addition, comparability of operation and maintenance expenses and depreciation and amortization may be impacted by regulatory and depreciation trackers that allow for the recovery in rates of certain costs. Therefore, increases in these tracked operating expenses are offset by increases in operating revenues and have essentially no impact on net income.

2020 vs. 2019 Operating Income

For 2020, Electric Operations reported operating income of \$348.8 million, a decrease of \$58.0 million from the comparable 2019 period.

Operating revenues for 2020 were \$1,536.6 million, an decrease of \$162.6 million from the same period in 2019. The change in operating revenues was primarily driven by:

- Lower cost of energy billed to customers, which is offset in operating expense, of \$152.1 million.
- Lower regulatory and depreciation trackers, which are offset in operating expense, of \$25.2 million.
- The effects of decreased commercial and industrial usage and decreased late and disconnection fees, both primarily related to the COVID-19 pandemic, of \$24.9 million.

Partially offset by:

- Higher revenue from recent base rate proceedings of \$22.5 million.
- The effects of increased residential usage primarily related to the pandemic of \$13.5 million.
- The effects of customer growth of \$4.0 million.

Operating expenses were \$104.6 million lower in 2020 than 2019. This change was primarily driven by:

- Lower cost of energy billed to customers, which is offset in operating revenue, of \$152.1 million.
- Lower regulatory and depreciation trackers, which are offset in operating revenues, of \$25.2 million.
- Lower outside services costs of \$16.0 million primarily related to lower generation-related maintenance.
- Lower employee and administrative costs of \$8.1 million.

Partially offset by:

- Increased depreciation of \$61.6 million primarily due to additional plant placed in service.
- Severance and outside services expenses related to the NiSource Next initiative of \$13.0 million.
- Increased expenses primarily due to the impact of pandemic-related materials and supplies, outside services, uncollectible and sequestration expenses of \$10.7 million, offset by a \$5.3 million deferral of uncollectible and other expenses, related to the pandemic.
- Increased materials and supplies costs of \$4.7 million
- Higher insurance expense of \$2.7 million primarily driven by increased premiums.
- Increased environmental costs of \$1.3 million.

2019 vs. 2018 Operating Income

For 2019, Electric Operations reported operating income of \$406.8 million, an increase of \$20.7 million from the comparable 2018 period.

Operating revenues for 2019 were \$1,699.2 million, a decrease of \$9.0 million from the same period in 2018. The change in operating revenues was primarily driven by:

- Lower cost of energy billed to customers, which is offset in operating expense, of \$34.8 million.
- Lower revenues from the effects of cooler weather of \$15.1 million.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Electric Operations (continued)

- Decreased residential, commercial and industrial usage of \$10.8 million.

Partially offset by:

- New rates from the recent rate case proceeding, incremental capital spend on infrastructure replacement programs, and electric transmission projects of \$24.8 million.
- Decreased fuel handling costs of \$11.0 million.
- Higher regulatory and depreciation trackers, which are offset in operating expense, of \$8.4 million.
- Increased commercial and residential customer growth of \$3.9 million.

Operating expenses were \$29.7 million lower in 2019 than 2018. This change was primarily driven by:

- Lower cost of energy billed to customers, which is offset in operating revenue, of \$34.8 million.
- Decreased materials and supplies costs of \$7.8 million, primarily related to the retirement of Bailly Generating Station Units 7 and 8 on May 31, 2018.
- Decreased employee and administrative costs of \$5.0 million.

Partially offset by:

- Higher regulatory and depreciation trackers, which are offset in operating revenues, of \$8.4 million.
- Increased depreciation of \$8.7 million due to higher capital expenditures placed in service.

Weather

In general, we calculate the weather-related revenue variance based on changing customer demand driven by weather variance from normal heating or cooling degree days. Our composite heating or cooling degree days reported do not directly correlate to the weather-related dollar impact on the results of Electric Operations. Heating or cooling degree days experienced during different times of the year may have more or less impact on volume and dollars depending on when they occur. When the detailed results are combined for reporting, there may be weather-related dollar impacts on operations when there is not an apparent or significant change in our aggregated composite heating or cooling degree day comparison.

The definition of "normal" weather was updated during the first quarter of 2019 to reflect more current weather pattern data and to more closely align with the regulators' jurisdictional definitions of "normal" weather. Impacts of the change in methodology will be reflected prospectively and disclosed to the extent it results in notable year-over-year variances in operating revenues.

Weather in the Electric Operations' territories for 2020 was 12% warmer than normal and 6% cooler than the same period in 2019, which had an immaterial impact on operating revenues for the year ended December 31, 2020 compared to 2019.

Weather in the Electric Operations' territories for 2019 was 20% warmer than normal and 18% cooler than the same period in 2018, decreasing operating revenues \$15.1 million for the year ended December 31, 2019 compared to 2018.

Sales

Electric Operations sales were 14,703.9 GWh for 2020, a decrease of 1,017.4 GWh, or 6.5% compared to 2019. This decrease was primarily attributable to decreased usage by industrial and commercial customers due to the pandemic and higher self-generation by industrial customers, partially offset by increased usage by residential customers primarily due to the pandemic.

Electric Operations sales were 15,721.3 GWh for 2019, a decrease of 726.7 GWh, or 4.4% compared to 2018. This decrease was primarily attributable to higher internal generation from large industrial customers in 2019 and the effects of cooler weather on residential and commercial customers.

Commodity Price Impact

NIPSCO has a state-approved recovery mechanism that provides a means for full recovery of prudently incurred fuel costs. Fuel costs are treated as pass-through costs and have no impact on the operating revenues recorded in the period. The fuel costs included in revenues are matched with the fuel cost expense recorded in the period and the difference is recorded on the Consolidated Balance Sheets as under-recovered or over-recovered fuel cost to be included in future customer billings.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.
Electric Operations (continued)

NIPSCO's performance remains closely linked to the performance of the steel industry. NIPSCO's MWh sales to steel-related industries accounted for approximately 45.9% and 51.5% of the total industrial MWh sales for the years ended December 31, 2020 and 2019, respectively.

Electric Supply

NIPSCO 2018 Integrated Resource Plan. NIPSCO concluded in its October 2018 Integrated Resource Plan submission that NIPSCO's current fleet of coal generation facilities will be retired earlier than previous Integrated Resource Plan's had indicated. The Integrated Resource Plan evaluated demand-side and supply-side resource alternatives to reliably and cost effectively meet NIPSCO customers' future energy requirements over the ensuing 20 years. The preferred option within the Integrated Resource Plan retires the R.M. Schahfer Generating Station by mid-2023 and the Michigan City Generating Station by the end of 2028. These stations represent 2,080 MW of generating capacity, equal to 72% of NIPSCO's remaining capacity and 100% of NIPSCO's remaining coal-fired generating capacity. In the second quarter of 2020, the MISO approved NIPSCO's plan to retire the R.M. Schahfer Generating Station in 2023. The planned replacement by the end of 2023 of approximately 1,400 MW of retiring coal-fired generation station could provide incremental capital investment opportunities of approximately \$1.8 to \$2.0 billion, primarily in 2022 and 2023. Refer to Note 6, "Property, Plant and Equipment" and Note 20-E, "Other Matters," in the Notes to Consolidated Financial Statements for further information. In February 2021, NIPSCO decided to submit modified Attachment Y Notices to MISO requesting accelerated retirement of two of the four coal fired units at R.M. Schahfer Generating Station. The two units are now expected to be retired by the end of 2021, with the remaining two units still scheduled to be retired in 2023. At retirement, the net book value of the retired units will be reclassified from "Non-Utility and Other property", to current and long-term "Regulatory Assets."

The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage to be obtained through a combination of NIPSCO ownership and PPAs. NIPSCO has executed several PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. Each facility supplying the energy will have an associated nameplate capacity, and payments under the PPAs will not begin until the associated generation facility is constructed by the owner/seller. NIPSCO has also executed several BTAs with developers to construct renewable generation facilities. The following table summarizes the executed PPAs and BTAs that have not yet been placed into service:

Project Name	Transaction Type	Technology	Nameplate Capacity (MW)	Storage Capacity (MW)	Submitted to IURC	IURC Approval	Estimated Construction Completion
Jordan Creek	20 year PPA	Wind	400	—	02/01/2019	6/05/2019	In Service (12/10/2020)
Rosewater ⁽¹⁾	BTA	Wind	100	—	02/01/2019	8/07/2019	In Service (12/29/2020)
Indiana Crossroads ⁽²⁾	BTA	Wind	300	—	10/22/2019	2/19/2020	12/31/2021
Greensboro	20 year PPA	Solar & Storage	100	30	7/17/2020	1/27/2021	6/30/2023
Brickyard	20 year PPA	Solar	200	—	7/17/2020	1/27/2021	6/30/2023
Green River	20 year PPA	Solar	200	—	12/23/2020	Pending	6/30/2023
Cavalry ⁽²⁾	BTA	Solar & Storage	200	60	11/30/2020	Pending	12/31/2023
Dunn's Bridge I ⁽²⁾	BTA	Solar	265	—	11/30/2020	Pending	12/31/2022
Dunn's Bridge II ⁽²⁾	BTA	Solar & Storage	435	75	11/30/2020	Pending	12/31/2023
Gibson	22 year PPA	Solar	280	—	01/29/2021	Pending	12/31/2023

⁽¹⁾ Ownership of the facility was transferred to a joint venture whose members include NIPSCO and an unrelated tax equity partner.

⁽²⁾ Ownership of the facilities will be transferred to joint ventures whose members include NIPSCO and an unrelated tax equity partner.

We expect to secure additional agreements with counterparties and initiate regulatory compliance filings into 2021.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Liquidity and Capital Resources

We continually evaluate the availability of adequate financing to fund our ongoing business operations, working capital and core safety and infrastructure investment programs. Our financing is sourced through cash flow from operations and the issuance of debt and/or equity. External debt financing is provided primarily through the issuance of long-term debt, accounts receivable securitization programs and our \$1.5 billion commercial paper program, which is backstopped by our committed revolving credit facility with a total availability from third-party lenders of \$1.85 billion. The commercial paper program and credit facility provide cost-effective, short-term financing until it can be replaced with a balance of long-term debt and equity financing that achieves our desired capital structure. We have also utilized an at-the-market (ATM) equity sales program that allowed us to issue and sell shares of our common stock up to an aggregate offering price of \$434.4 million. The program expired on December 31, 2020, but we expect to issue additional equity under ATM offerings from time to time.

We believe these sources provide adequate capital to fund our operating activities and capital expenditures in 2021 and beyond.

Greater Lawrence Incident. As discussed in the "Executive Summary", Part I, Item 1A "Risk Factors," and in Note 20, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements, due to the inherent uncertainty of litigation, there can be no assurance that the outcome or resolution of any particular claim related to the Greater Lawrence Incident will not continue to have an adverse impact on our cash flows. Through income generated from operating activities, amounts available under the short-term revolving credit facility, and our ability to access capital markets, we believe we have adequate capital available to settle remaining anticipated claims associated with the Greater Lawrence Incident. Previous costs in excess of insurance recoveries were primarily funded through short-term borrowings. The sale of the Massachusetts Business was completed on October 9, 2020. On October 14, 2020, we used a portion of the proceeds from the Massachusetts Business sale to pay down these short-term borrowings.

Operating Activities

Net cash from operating activities for the year ended December 31, 2020 was \$1,104.0 million, a decrease of \$479.3 million from 2019. This decrease was primarily driven by a year over year increase in net payments related to the Greater Lawrence Incident. During 2020, we paid approximately \$227 million compared to net receipts of \$289 million, representing insurance recoveries offset by payments, during 2019. Refer to Note 20, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements for further information related to the Greater Lawrence Incident.

Investing Activities

Our cash used for investing activities varies year over year primarily as a result of changes in the level of annual capital expenditures. See below for further details of our capital expenditures and related regulatory programs. In 2020, our typical investing cash outflows were offset by \$1,115.9 million of proceeds from the sale of assets, driven by the sale of the Massachusetts Business. Refer to Note 1 "Nature of Operations and Summary of Significant Accounting Policies" for more information.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.

Capital Expenditures. The table below reflects capital expenditures and certain other investing activities by segment for 2020, 2019 and 2018.

<i>(in millions)</i>	2020	2019	2018 ⁽³⁾
Gas Distribution Operations			
System Growth and Tracker	\$ 975.7	\$ 1,006.1	\$ 897.5
Maintenance	291.2	374.3	417.8
Total Gas Distribution Operations	1,266.9	1,380.3	1,315.3
Electric Operations			
System Growth and Tracker	222.1	279.5	346.0
Maintenance	200.7	189.4	153.3
Total Electric Operations	422.8	468.9	499.3
Corporate and Other Operations - Maintenance ⁽¹⁾	31.1	18.6	—
Total ⁽²⁾	\$ 1,720.8	\$ 1,867.8	\$ 1,814.6

⁽¹⁾ Corporate and Other capital expenditures were zero in 2018 as specific IT assets were leased in 2018. Certain IT and other maintenance related assets were purchased in 2019 and 2020.

⁽²⁾ Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the capitalized portion of the Corporate Incentive Plan payout, inclusion of capital expenditures included in current liabilities and AFUDC Equity.

⁽³⁾ The 2018 capital expenditures for Gas Distribution Operations reflects reclassifying the Greater Lawrence Incident pipeline replacement from system growth and tracker to maintenance.

For 2020, capital expenditures and certain other investing activities were \$1,720.8 million, which was \$147.0 million lower than the 2019 capital program. This decrease in spending is primarily due to the sale of the Massachusetts Business and impact of COVID 19.

For 2019, capital expenditures and certain other investing activities were \$1,867.8 million, which was \$53.2 million higher than the 2018 capital program. This increased spending is primarily due to growth, safety and system modernization projects.

For 2021, we project to invest approximately \$1.9 to \$2.1 billion in our capital program. This projected level of spend is an increase from our 2020 spend levels and supports continued investment in safety and reliability through modernizing gas and electric systems while meeting customer growth demands.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.

Regulatory Capital Improvement Programs. In 2020, we continued to move forward on core infrastructure and environmental investment programs supported by complementary regulatory and customer initiatives across all seven states of our operating area. The following table describes the most recent vintage of our regulatory programs to recover infrastructure replacement and other federally-mandated compliance investments currently in rates and those pending commission approval:

(in millions)

Company	Program	Incremental Revenue	Incremental Capital Investment	Investment Period	Costs Covered ⁽¹⁾	Rates Effective
Columbia of Ohio	IRP - 2020	\$ 32.9	\$ 234.4	1/19-12/19	Replacement of (1) hazardous service lines, (2) cast iron, wrought iron, uncoated steel, and bare steel pipe, (3) natural gas risers prone to failure and installation of AMR devices.	May 2020
Columbia of Ohio	CEP - 2020	\$ 18.0	\$ 185.1	1/19-12/19	Assets not included in the IRP.	September 2020
NIPSCO - Gas	TDSIC 1	\$ 0.6	\$ 26.0	1/20-6/20	New or replacement projects undertaken for the purpose of safety, reliability, system modernization or economic development.	January 2021
NIPSCO - Gas	FMCA 5	\$ 4.8	\$ 42.3	4/20-9/20	Project costs to comply with federal mandates.	April 2021
Columbia of Pennsylvania	DSIC-Q4 2020 ⁽²⁾	\$ 0.8	\$ 25.0	9/20-11/20	Eligible project costs including piping, couplings, gas service lines, excess flow valves, risers, meter bars, meters, and other related capitalized cost, to improve the distribution system.	January 2021
Columbia of Virginia	SAVE - 2021	\$ 5.2	\$ 46.4	1/21-12/21	Replacement projects that (1) enhance system safety or reliability, or (2) reduce, or potentially reduce, greenhouse gas emissions.	January 2021
Columbia of Kentucky	SMRP - 2021 ⁽³⁾	\$ 5.8	\$ 50.0	1/21-12/21	Replacement of mains and inclusion of system safety investments.	Q2 2021
Columbia of Maryland	STRIDE - 2021	\$ 1.3	\$ 16.9	1/21-12/21	Pipeline upgrades designed to improve public safety or infrastructure reliability.	January 2021
NIPSCO - Electric	TDSIC - 7 ⁽⁴⁾	\$ 11.3	\$ 122.3	7/19-7/20	New or replacement projects undertaken for the purpose of safety, reliability, system modernization or economic development.	February 2021
NIPSCO - Electric	FMCA - 13 ⁽⁵⁾⁽⁶⁾	\$ (1.2)	\$ —	9/19-2/20	Project costs to comply with federal mandates.	August 2020

⁽¹⁾Programs do not include any costs already included in base rates.

⁽²⁾Due to a cap on the revenues permitted to flow through the DSIC, Columbia Gas of Pennsylvania is only able to request recovery of a portion of the capital investment for this period.

⁽³⁾On December 17, 2020, the Kentucky PSC issued an Order suspending the rates through May 30, 2021. An Order for approval can be received from the Commission prior to this date.

⁽⁴⁾Incremental capital and revenue are net of amounts included in the step 2 rates. See Part 1, Item 1. "Business" for additional information.

⁽⁵⁾Incremental revenue is inclusive of tracker eligible operations and maintenance expense.

⁽⁶⁾No eligible capital investments were made during the investment period.

Refer to Note 9, "Regulatory Matters" and Note 20-E, "Other Matters," in the Notes to Consolidated Financial Statements for a further discussion of regulatory developments during 2020.

Financing Activities

Short-term Debt. Refer to Note 16, "Short-Term Borrowings," in the Notes to Consolidated Financial Statements for information on short-term debt.

Long-term Debt. Refer to Note 15, "Long-Term Debt," in the Notes to Consolidated Financial Statements for information on long-term debt.

Net Available Liquidity. As of December 31, 2020, an aggregate of \$1,721.6 million of net liquidity was available, including cash and credit available under the revolving credit facility and accounts receivable securitization programs.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.
Sources of Liquidity

The following table displays our liquidity position as of December 31, 2020 and 2019:

Year Ended December 31, (in millions)	2020	2019
Current Liquidity		
Revolving Credit Facility	\$ 1,850.0	\$ 1,850.0
Accounts Receivable Program ⁽¹⁾	273.3	353.2
Less:		
Commercial Paper	503.0	570.0
Accounts Receivable Programs Utilized	—	353.2
Letters of Credit Outstanding Under Credit Facility	15.2	10.2
Add:		
Cash and Cash Equivalents	116.5	139.3
Net Available Liquidity	\$ 1,721.6	\$ 1,409.1

⁽¹⁾Represents the lesser of the seasonal limit or maximum borrowings supportable by the underlying receivables.

Debt Covenants. We are subject to a financial covenant under our revolving credit facility, which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of December 31, 2020, the ratio was 62.5%.

Sale of Trade Accounts Receivables. Refer to Note 19, "Transfers of Financial Assets," in the Notes to Consolidated Financial Statements for information on the sale of trade accounts receivable.

Credit Ratings. The credit rating agencies periodically review our ratings, taking into account factors such as our capital structure and earnings profile. The following table includes our and certain of our subsidiaries' credit ratings and ratings outlook as of December 31, 2020. In February 2020, S&P changed our and certain of our subsidiaries' outlook from Negative to Stable. There were no other changes to the below credit ratings or outlooks since December 31, 2019.

A credit rating is not a recommendation to buy, sell or hold securities, and may be subject to revision or withdrawal at any time by the assigning rating organization.

	S&P		Moody's		Fitch	
	Rating	Outlook	Rating	Outlook	Rating	Outlook
NiSource	BBB+	Stable	Baa2	Stable	BBB	Stable
NIPSCO	BBB+	Stable	Baa1	Stable	BBB	Stable
Columbia of Massachusetts	BBB+	Stable	Baa2	Stable	Not rated	Not rated
Commercial Paper	A-2	Stable	P-2	Stable	F2	Stable

Certain of our subsidiaries have agreements that contain "ratings triggers" that require increased collateral if our credit ratings or the credit ratings of certain of our subsidiaries are below investment grade. These agreements are primarily for insurance purposes and for the physical purchase or sale of power. As of December 31, 2020, the collateral requirement that would be required in the event of a downgrade below the ratings trigger levels would amount to approximately \$53.9 million. In addition to agreements with ratings triggers, there are other agreements that contain "adequate assurance" or "material adverse change" provisions that could necessitate additional credit support such as letters of credit and cash collateral to transact business.

Equity. Our authorized capital stock consists of 620,000,000 shares, \$0.01 par value, of which 600,000,000 are common stock and 20,000,000 are preferred stock. As of December 31, 2020, 391,760,051 shares of common stock and 440,000 shares of preferred stock were outstanding. For more information regarding our common and preferred stock, see Note 13, "Equity," in the Notes to Consolidated Financial Statements.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.
Contractual Obligations

We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at December 31, 2020 and their maturities were:

<i>(in millions)</i>	Total	2021	2022	2023	2024	2025	After
Long-term debt ⁽¹⁾	\$ 9,135.0	\$ —	\$ 30.0	\$ —	\$ —	\$ 1,260.0	\$ 7,845.0
Interest payments on long-term debt	6,046.3	336.3	335.7	334.1	334.1	334.1	4,372.0
Finance leases ⁽²⁾	264.7	32.7	32.2	28.8	20.8	16.1	134.1
Operating leases ⁽³⁾	48.0	11.7	5.2	4.7	4.5	3.7	18.2
Energy commodity contracts	42.1	42.1	—	—	—	—	—
Service obligations:							
Pipeline service obligations ⁽⁴⁾	1,495.6	468.7	422.5	256.0	150.5	56.2	141.7
IT service obligations	240.3	74.9	74.0	38.1	30.5	22.8	—
Other service obligations ⁽⁵⁾	12.6	12.6	—	—	—	—	—
Other liabilities ⁽⁶⁾	116.9	26.0	0.8	90.1	—	—	—
Total contractual obligations	\$ 17,401.5	\$ 1,005.0	\$ 900.4	\$ 751.8	\$ 540.4	\$ 1,692.9	\$ 12,511.0

⁽¹⁾ Long-term debt balance excludes unamortized issuance costs and discounts of \$86.9 million.

⁽²⁾ Finance lease payments shown above are inclusive of interest totaling \$69.7 million.

⁽³⁾ Operating lease payments shown above are inclusive of interest totaling \$7.8 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain (as that term is defined in ASC 842) to do so as they are renewed month-to-month after the first year. If we were to continue the fleet vehicle leases outstanding at December 31, 2020, payments would be \$30.0 million in 2021, \$27.7 million in 2022, \$24.9 million in 2023, \$22.0 million in 2024, \$19.0 million in 2025 and \$21.5 million thereafter.

⁽⁴⁾ In February 2021, the demand rate increased for our pipeline service obligations, resulting in a total increase of \$638.6 million in addition to our future pipeline service obligations shown above.

⁽⁵⁾ On February 9, 2021, a rail transportation contract for the transportation of coal was fully executed between NIPSCO and a counterparty, replacing the prior agreement. The minimum coal tonnage shipment commitment for 2021 was eliminated under the new agreement, reducing our contractual obligation for 2021 by \$12.1 million.

⁽⁶⁾ Other liabilities shown above are inclusive of the Rosewater Developer payment due in 2023.

Our calculated estimated interest payments for long-term debt is based on the stated coupon and payment dates. For 2021, we project that we will be required to make interest payments of approximately \$339.4 million, which includes \$336.3 million of interest payments related to our long-term debt outstanding as of December 31, 2020. At December 31, 2020, we had \$503.0 million in short-term borrowings outstanding.

Our expected payments included within "Other liabilities" in the table of contractual commitments above contains employer contributions to pension and other postretirement benefits plans expected to be made in 2021. Plan contributions beyond 2021 are dependent upon a number of factors, including actual returns on plan assets, which cannot be reliably estimated at this time. In 2021, we expect to make contributions of approximately \$2.9 million to our pension plans and approximately \$21.8 million to our postretirement medical and life plans. Refer to Note 12, "Pension and Other Postretirement Benefits," in the Notes to Consolidated Financial Statements for more information.

We cannot reasonably estimate the settlement amounts or timing of cash flows related to long-term obligations classified as "Total Other Liabilities" on the Consolidated Balance Sheets, other than those described above.

We also have obligations associated with income, property, gross receipts, franchise, sales and use, and various other taxes and expect to make tax payments of approximately \$253.4 million in 2021, which are not included in the table above. In addition, we have uncertain income tax positions that are not included in the table above as we are unable to predict when the matters will be resolved. Refer to Note 14, "Income Taxes," in the Notes to Consolidated Financial Statements for more information.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

NIPSCO has executed several PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. Each facility supplying the energy will have an associated nameplate capacity, and payments under the PPAs will not begin until the associated generation facility is constructed by the owner/seller. NIPSCO has also executed several BTAs with developers to construct renewable generation facilities. NIPSCO's purchase requirement under the BTAs is dependent on satisfactory approval of the BTA by the IURC, successful execution of an agreement with a tax equity partner and timely completion of construction. NIPSCO and the tax equity partner are obligated to make cash contributions to the partnership at the date construction is substantially complete. Once the tax equity partner has earned their negotiated rate of return and we have reached the agreed upon contractual date, NIPSCO has the option to purchase at fair market value from the tax equity partner the remaining interest in the aforementioned joint venture. See Note 20-A, "Contractual Obligations," and Note 20-E, "Other Matters - NIPSCO 2018 Integrated Resource Plan," in the Notes to Consolidated Financial Statements for additional information.

Off-Balance Sheet Arrangements

We, along with certain of our subsidiaries, enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries. Such agreements include guarantees and stand-by letters of credit.

Refer to Note 20, "Other Commitments and Contingencies," in the Notes to Consolidated Financial Statements for additional information about such arrangements.

Market Risk Disclosures

Risk is an inherent part of our businesses. The extent to which we properly and effectively identify, assess, monitor and manage each of the various types of risk involved in our businesses is critical to our profitability. We seek to identify, assess, monitor and manage, in accordance with defined policies and procedures, the following principal market risks that are involved in our businesses: commodity price risk, interest rate risk and credit risk. We manage risk through a multi-faceted process with oversight by the Risk Management Committee that requires constant communication, judgment and knowledge of specialized products and markets. Our senior management takes an active role in the risk management process and has developed policies and procedures that require specific administrative and business functions to assist in the identification, assessment and control of various risks. These may include, but are not limited to market, operational, financial, compliance and strategic risk types. In recognition of the increasingly varied and complex nature of the energy business, our risk management process, policies and procedures continue to evolve and are subject to ongoing review and modification.

Commodity Price Risk

We are exposed to commodity price risk as a result of our subsidiaries' operations involving natural gas and power. To manage this market risk, our subsidiaries use derivatives, including commodity futures contracts, swaps, forwards and options. We do not participate in speculative energy trading activity.

Commodity price risk resulting from derivative activities at our rate-regulated subsidiaries is limited, since regulations allow recovery of prudently incurred purchased power, fuel and gas costs through the rate-making process, including gains or losses on these derivative instruments. If states should explore additional regulatory reform, these subsidiaries may begin providing services without the benefit of the traditional rate-making process and may be more exposed to commodity price risk.

Our subsidiaries are required to make cash margin deposits with their brokers to cover actual and potential losses in the value of outstanding exchange traded derivative contracts. The amount of these deposits, some of which is reflected in our restricted cash balance, may fluctuate significantly during periods of high volatility in the energy commodity markets.

Refer to Note 10, "Risk Management Activities," in the Notes to the Consolidated Financial Statements for further information on our commodity price risk assets and liabilities as of December 31, 2020 and 2019.

Interest Rate Risk

We are exposed to interest rate risk as a result of changes in interest rates on borrowings under our revolving credit agreement, commercial paper program, accounts receivable programs and now-settled term loan, which have interest rates that are indexed to short-term market interest rates. Based upon average borrowings and debt obligations subject to fluctuations in short-term market interest rates, an increase (or decrease) in short-term interest rates of 100 basis points (1%) would have increased (or decreased) interest expense by \$12.3 million and \$19.0 million for 2020 and 2019, respectively. We are also exposed to interest rate risk as a result of changes in benchmark rates that can influence the interest rates of future debt issuances.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Refer to Note 10, "Risk Management Activities," in the Notes to Consolidated Financial Statements for further information on our interest rate risk assets and liabilities as of December 31, 2020 and 2019.

Credit Risk

Due to the nature of the industry, credit risk is embedded in many of our business activities. Our extension of credit is governed by a Corporate Credit Risk Policy. In addition, Risk Management Committee guidelines are in place which document management approval levels for credit limits, evaluation of creditworthiness, and credit risk mitigation efforts. Exposures to credit risks are monitored by the risk management function, which is independent of commercial operations. Credit risk arises due to the possibility that a customer, supplier or counterparty will not be able or willing to fulfill its obligations on a transaction on or before the settlement date. For derivative-related contracts, credit risk arises when counterparties are obligated to deliver or purchase defined commodity units of gas or power to us at a future date per execution of contractual terms and conditions. Exposure to credit risk is measured in terms of both current obligations and the market value of forward positions net of any posted collateral such as cash and letters of credit.

We closely monitor the financial status of our banking credit providers. We evaluate the financial status of our banking partners through the use of market-based metrics such as credit default swap pricing levels, and also through traditional credit ratings provided by major credit rating agencies.

Certain individual state regulatory commissions instituted regulatory moratoriums in connection with the COVID-19 pandemic that impacted our ability to pursue our credit risk mitigation practices for customer accounts receivable. Following the issuances of these moratoriums, certain of our regulated operations have been authorized to recognize a regulatory asset for bad debt costs above levels currently in rates. We have reinstated our common credit mitigation practices where moratoriums have expired. See the COVID-19 pandemic discussion in Part I, Item 1A, "Risk Factors" for risks that have been identified related to the pandemic and refer to Note 9, "Regulatory Matters" in the Notes to Consolidated Financial Statements for state specific regulatory moratoriums.

Other Information

Critical Accounting Policies

We apply certain accounting policies based on the accounting requirements discussed below that have had, and may continue to have, significant impacts on our operations and Consolidated Financial Statements.

Basis of Accounting for Rate-Regulated Subsidiaries. ASC Topic 980, *Regulated Operations*, provides that rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and if the competitive environment makes it probable that such rates can be charged and collected. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the Consolidated Balance Sheets and are recognized in income as the related amounts are included in service rates and recovered from or refunded to customers. The total amounts of regulatory assets and liabilities reflected on the Consolidated Balance Sheets were \$1,930.5 million and \$2,065.5 million at December 31, 2020, and \$2,239.6 million and \$2,512.2 million at December 31, 2019, respectively. For additional information, refer to Note 9, "Regulatory Matters," in the Notes to Consolidated Financial Statements.

In the event that regulation significantly changes the opportunity for us to recover our costs in the future, all or a portion of our regulated operations may no longer meet the criteria for the application of ASC Topic 980, *Regulated Operations*. In such event, a write-down of all or a portion of our existing regulatory assets and liabilities could result. If transition cost recovery is approved by the appropriate regulatory bodies that would meet the requirements under GAAP for continued accounting as regulatory assets and liabilities during such recovery period, the regulatory assets and liabilities would be reported at the recoverable amounts. If we were unable to continue to apply the provisions of ASC Topic 980, *Regulated Operations*, we would be required to apply the provisions of ASC Topic 980-20, *Discontinuation of Rate-Regulated Accounting*. In management's opinion, our regulated subsidiaries will be subject to ASC Topic 980, *Regulated Operations* for the foreseeable future.

Certain of the regulatory assets reflected on our Consolidated Balance Sheets require specific regulatory action in order to be included in future service rates. Although recovery of these amounts is not guaranteed, we believe that these costs meet the requirements for deferral as regulatory assets. If we determine that the amounts included as regulatory assets are no longer recoverable, a charge to income would immediately be required to the extent of the unrecoverable amounts.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

The passage of the TCJA into law in December 2017 necessitated the remeasurement of our deferred income tax balances to reflect the change in the statutory federal tax rate from 35% to 21%. For our regulated entities, substantially all of the impact of this remeasurement was recorded to a regulatory liability and is being passed backed to customers, as established during the rate making process. For additional information, refer to Note 9, "Regulatory Matters," and Note 11, "Income Taxes," in the Notes to Consolidated Financial Statements.

Pension and Postretirement Benefits. We have defined benefit plans for both pension and other postretirement benefits. The calculation of the net obligations and annual expense related to the plans requires a significant degree of judgment regarding the discount rates to be used in bringing the liabilities to present value, expected long-term rates of return on plan assets, health care trend rates, and mortality rates, among other assumptions. Due to the size of the plans and the long-term nature of the associated liabilities, changes in the assumptions used in the actuarial estimates could have material impacts on the measurement of the net obligations and annual expense recognition. Differences between actuarial assumptions and actual plan results are deferred into AOCI or a regulatory balance sheet account, depending on the jurisdiction of our entity. These deferred gains or losses are then amortized into the income statement when the accumulated differences exceed 10% of the greater of the projected benefit obligation or the fair value of plan assets (known in GAAP as the "corridor" method) or when settlement accounting is triggered.

The discount rates, expected long-term rates of return on plan assets, health care cost trend rates and mortality rates are critical assumptions. Methods used to develop these assumptions are described below. While a third party actuarial firm assists with the development of many of these assumptions, we are ultimately responsible for selecting the final assumptions.

The discount rate is utilized principally in calculating the actuarial present value of pension and other postretirement benefit obligations and net periodic pension and other postretirement benefit plan costs. Our discount rates for both pension and other postretirement benefits are determined using spot rates along an AA-rated above median yield curve with cash flows matching the expected duration of benefit payments to be made to plan participants.

The expected long-term rate of return on plan assets is a component utilized in calculating annual pension and other postretirement benefit plan costs. We estimate the expected return on plan assets by evaluating expected bond returns, equity risk premiums, target asset allocations, the effects of active plan management, the impact of periodic plan asset rebalancing and historical performance. We also consider the guidance from our investment advisors in making a final determination of our expected rate of return on assets. For measurement of 2021 net periodic benefit cost, we selected an expected pre-tax long-term rate of return of 5.20% and 5.50% for our pension and other postretirement benefit plan assets, respectively.

We estimate the assumed health care cost trend rate, which is used in determining our other postretirement benefit net expense, based upon our actual health care cost experience, the effects of recently enacted legislation, third-party actuarial surveys and general economic conditions.

We utilize a full yield curve approach to estimate the service and interest components of net periodic benefit cost for pension and other postretirement benefits by applying the specific spot rates along the yield curve used in the determination of the benefit obligation to the relevant projected cash flows. For further discussion of our pension and other postretirement benefits, see Note 12, "Pension and Other Postretirement Benefits," in the Notes to Consolidated Financial Statements.

Typically, we use the Society of Actuaries' most recently published mortality data in developing a best estimate of mortality as part of the calculation of the pension and other postretirement benefit obligations. Due to the ongoing COVID-19 pandemic, we adjusted our mortality assumption through 2023 to reflect anticipated slow recovery.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)
NISOURCE INC.

The following tables illustrate the effects of changes in these actuarial assumptions while holding all other assumptions constant:

Change in Assumptions (<i>in millions</i>)	Impact on December 31, 2020 Projected Benefit Obligation Increase/(Decrease)	
	Pension Benefits	Other Postretirement Benefits
+50 basis points change in discount rate	\$ (88.7)	\$ (29.8)
-50 basis points change in discount rate	96.5	32.7

Change in Assumptions (<i>in millions</i>)	Impact on 2020 Expense Increase/(Decrease) ⁽¹⁾	
	Pension Benefits	Other Postretirement Benefits
+50 basis points change in discount rate	\$ (2.0)	\$ (0.8)
-50 basis points change in discount rate	1.6	0.9
+50 basis points change in expected long-term rate of return on plan assets	(9.8)	(1.3)
-50 basis points change in expected long-term rate of return on plan assets	9.8	1.3

⁽¹⁾Before labor capitalization and regulatory deferrals.

Goodwill and Other Intangible Assets. We have six goodwill reporting units, comprised of the six state operating companies within the Gas Distribution Operations reportable segment. Our goodwill assets at December 31, 2020 were \$1,486 million, most of which resulted from the acquisition of Columbia on November 1, 2000.

As required by GAAP, we test for impairment of goodwill on an annual basis and on an interim basis when events or circumstances indicate that a potential impairment may exist. Our annual goodwill test takes place in the second quarter of each year and was performed on May 1, 2020.

A quantitative ("step 1") test was completed on May 1, 2020 for all reporting units. Columbia of Massachusetts was not considered to be a reporting unit for the May 1, 2020 fair value measurement as the goodwill balance had been reduced to zero as of December 31, 2019. Consistent with our historical impairment testing of goodwill, fair value of the reporting units was determined based on a weighting of income and market approaches. These approaches require significant judgments including appropriate long-term growth rates and discount rates for the income approach and appropriate multiples of earnings for peer companies and control premiums for the market approach. The discount rates were derived using peer company data compiled with the assistance of a third party valuation services firm. The discount rates used are subject to change based on changes in tax rates at both the state and federal level, debt and equity ratios at each reporting unit and general economic conditions. The long-term growth rate was derived by evaluating historic growth rates, new business and investment opportunities beyond the near term horizon. The long-term growth rate is subject to change depending on inflationary impacts to the U.S. economy and the individual business environments in which each reporting unit operates. The Step 1 analysis performed indicated that the fair value of each of the reporting units exceeds their carrying value. As a result, no impairment charges were recorded.

We recorded impairment charges related to goodwill and other intangible assets in 2019. See Note 7, "Goodwill and Other Intangible Assets," in the Notes to Consolidated Financial Statements for information regarding our 2019 analyses and assumptions.

Revenue Recognition. Revenue is recorded as products and services are delivered. Utility revenues are billed to customers monthly on a cycle basis. Revenues are recorded on the accrual basis and include estimates for electricity and gas delivered but not billed.

We adopted the provisions of ASC 606 beginning on January 1, 2018 using a modified retrospective method, which was applied to all contracts. No material adjustments were made to January 1, 2018 opening balances and no material changes in the amount or timing of future revenue recognition occurred as a result of the adoption of ASC 606. Refer to Note 3 "Revenue Recognition," in the Notes to Consolidated Financial Statements for additional information regarding our significant judgments and estimates related to revenue recognition.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Variable Interest Entities. A VIE is an entity in which the controlling interest is determined through means other than a majority voting interest. The primary beneficiary of a VIE is the business enterprise which has the power to direct the activities of the VIE that most significantly impact the VIE's economic performance. Also, the primary beneficiary either absorbs a significant amount of the VIE's losses or has the right to receive benefits that could be significant to the VIE. We consider these qualitative elements in determining whether we are the primary beneficiary of a VIE, and we consolidate those VIEs for which we are determined to be the primary beneficiary. As the managing member of a partnership, we would control decisions that are significant to the ongoing operations and economic results. Therefore, we have concluded that we are the primary beneficiary of Rosewater and have consolidated Rosewater even though we own less than 100% of the total equity membership interest.

We have determined that the use of HLBV accounting is reasonable and appropriate to attribute income and loss to the noncontrolling interest held by the tax equity partner. HLBV accounting was selected as the allocation of Rosewater's economic results to members differ from the members' relative ownership percentages. Using the HLBV method, our earnings are calculated based on how the partnership would distribute its cash if it were to hypothetically sell all of its assets for their carrying amounts and liquidate at each reporting period. Under HLBV, we calculate the liquidation value allocable to each partner at the beginning and end of each period based on the contractual liquidation waterfall and adjust our income for the period to reflect the change our associated book value. Refer to Note 4, "Variable Interest Entities" in the Notes to Consolidated Financial Statements.

Recently Issued Accounting Pronouncements

Refer to Note 2, "Recent Accounting Pronouncements," in the Notes to Consolidated Financial Statements.

Quantitative and Qualitative Disclosures about Market Risk are reported in Item 7. "Management's Discussion and Analysis of Financial Condition and Results of Operations – Market Risk Disclosures."

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA**NISOURCE INC.**

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ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

**NISOURCE INC.
REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the shareholders and the Board of Directors of NiSource Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of NiSource Inc. and subsidiaries (the "Company") as of December 31, 2020 and 2019, the related statements of consolidated income (loss), comprehensive income (loss), stockholders' equity, and cash flows for each of the three years in the period ended December 31, 2020, and the related notes and the schedule listed in the Index at Item 15 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2020 and 2019, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2020 accounting principles generally accepted in the United States of America.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2020, based on criteria established in *Internal Control — Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated February 17, 2021, expressed an unqualified opinion on the Company's internal control over financial reporting.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matter communicated below is a matter arising from the current-period audit of the financial statements that was communicated or required to be communicated to the audit committee and that (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Impact of Rate Regulation on the Financial Statements - Refer to Note 9 to the consolidated financial statements

Critical Audit Matter Description

The Company's subsidiaries are fully regulated natural gas and electric utility companies serving customers in six states. These rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the manner in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be charged to and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the consolidated balance sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.

The Company's subsidiaries' rates are subject to regulatory rate-setting processes. Rates are determined and approved in regulatory proceedings based on an analysis of the subsidiaries' costs to provide utility service and a return on, and recovery of, the subsidiaries' investment in the utility business. Regulatory decisions can have an impact on the recovery of costs, the rate of return earned on investment, and the timing and amount of assets to be recovered by rates. The respective commissions' regulation of rates is premised on the full recovery of prudently incurred costs and a reasonable rate of return on invested capital. Decisions to be made by the commission in the future will impact the accounting for regulated operations, including

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NISOURCE INC.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

decisions about the amount of allowable costs and return on invested capital included in rates and any refunds that may be required. While the Company has indicated it expects to recover costs from customers through regulated rates, there is a risk that the commission will not approve: (1) full recovery of the costs of providing utility service, or (2) full recovery of all amounts invested in the utility business and a reasonable return on that investment.

We identified the accounting for rate-regulated subsidiaries as a critical audit matter due to the significant judgments made by management to support its assertions about impacted account balances and disclosures and the high degree of subjectivity involved in assessing the impact of future regulatory orders on the financial statements. Management judgments include assessing (1) the likelihood of recovery in future rates of incurred costs and (2) the likelihood of refund of amounts previously collected from customers. Given that management's accounting judgments are based on assumptions about the outcome of future decisions by regulatory commissions, auditing these judgments required specialized knowledge of accounting for rate regulation and the rate making process due its inherent complexities.

How the Critical Audit Matter Was Addressed in the Audit

Our audit procedures related to the uncertainty of future decisions by the commissions included the following, among others:

- We tested the effectiveness of management's controls over the evaluation of the likelihood of (1) the recovery in future rates of costs incurred as property, plant, and equipment and deferred as regulatory assets, and (2) a refund or a future reduction in rates that should be reported as regulatory liabilities. We also tested the effectiveness of management's controls over the initial recognition of amounts as property, plant, and equipment; regulatory assets or liabilities; and the monitoring and evaluation of regulatory developments, that may affect the likelihood of recovering costs in future rates or of a future reduction in rates.
- We evaluated the Company's disclosures related to the impacts of rate regulation, including the balances recorded and regulatory developments.
- We read relevant regulatory orders issued by the commissions for the Company, regulatory statutes, interpretations, procedural memorandums, filings made by intervenors, and other publicly available information to assess the likelihood of recovery in future rates or of a future reduction in rates based on precedents of the commissions' treatment of similar costs under similar circumstances. We evaluated the external information and compared to management's recorded regulatory asset and liability balances for completeness.
- For regulatory matters in process, we inspected the Company's filings with the commissions and the filings with the commissions by intervenors that may impact the Company's future rates, for any evidence that might contradict management's assertions related to recoverability of recorded assets.
- We inquired of management about property, plant, and equipment that may be abandoned. For assets that were abandoned, we inquired of management about their considerations regarding the abandonment. We inspected minutes of the board of directors and regulatory orders and other filings with the commissions to identify evidence that may contradict management's assertion regarding probability of an abandonment.
- We obtained an analysis from management regarding probability of recovery for regulatory assets or refund or future reduction in rates for regulatory liabilities not yet addressed in a regulatory order to assess management's assertion that amounts are probable of recovery or a future reduction in rates.

/s/ DELOITTE & TOUCHE LLP

Columbus, Ohio
February 17, 2021

We have served as the Company's auditor since 2002.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
**NISOURCE INC.
STATEMENTS OF CONSOLIDATED INCOME (LOSS)**

Year Ended December 31, <i>(in millions, except per share amounts)</i>	2020	2019	2018
Operating Revenues			
Customer revenues	\$ 4,473.2	\$ 5,053.4	\$ 4,991.1
Other revenues	208.5	155.5	123.4
Total Operating Revenues	4,681.7	5,208.9	5,114.5
Operating Expenses			
Cost of energy	1,109.3	1,534.8	1,761.3
Operation and maintenance	1,585.9	1,354.7	2,352.9
Depreciation and amortization	725.9	717.4	599.6
Impairment of goodwill and intangible assets	—	414.5	—
Loss on sale of assets, net	410.6	—	1.2
Other taxes	299.2	296.8	274.8
Total Operating Expenses	4,130.9	4,318.2	4,989.8
Operating Income	550.8	890.7	124.7
Other Income (Deductions)			
Interest expense, net	(370.7)	(378.9)	(353.3)
Other, net	32.1	(5.2)	43.5
Loss on early extinguishment of long-term debt	(243.5)	—	(45.5)
Total Other Deductions, Net	(582.1)	(384.1)	(355.3)
Income (Loss) before Income Taxes	(31.3)	506.6	(230.6)
Income Taxes	(17.1)	123.5	(180.0)
Net Income (Loss)	(14.2)	383.1	(50.6)
Net income attributable to noncontrolling interest	3.4	—	—
Net Income (Loss) attributable to NiSource	(17.6)	383.1	(50.6)
Preferred dividends	(55.1)	(55.1)	(15.0)
Net Income (Loss) Available to Common Shareholders	(72.7)	328.0	(65.6)
Earnings (Loss) Per Share			
Basic Earnings (Loss) Per Share	\$ (0.19)	\$ 0.88	\$ (0.18)
Diluted Earnings (Loss) Per Share	\$ (0.19)	\$ 0.87	\$ (0.18)
Basic Average Common Shares Outstanding	384.3	374.6	356.5
Diluted Average Common Shares	384.3	376.0	356.5

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
NISOURCE INC.
STATEMENTS OF CONSOLIDATED COMPREHENSIVE INCOME (LOSS)

Year Ended December 31, <i>(in millions, net of taxes)</i>	2020	2019	2018
Net Income (Loss)	\$ (14.2)	\$ 383.1	\$ (50.6)
Other comprehensive income (loss):			
Net unrealized gain (loss) on available-for-sale securities ⁽¹⁾	2.7	5.7	(2.6)
Net unrealized gain (loss) on cash flow hedges ⁽²⁾	(70.7)	(64.2)	22.7
Unrecognized pension and OPEB benefit (costs) ⁽³⁾	3.9	3.1	(4.4)
Total other comprehensive income (loss)	(64.1)	(55.4)	15.7
Total Comprehensive Income (Loss)	\$ (78.3)	\$ 327.7	\$ (34.9)

⁽¹⁾ Net unrealized gain (loss) on available-for-sale securities, net of \$0.7 million tax expense, \$1.5 million tax expense and \$0.6 million tax benefit in 2020, 2019 and 2018, respectively.

⁽²⁾ Net unrealized gain (loss) on derivatives qualifying as cash flow hedges, net of \$23.4 million tax benefit, \$21.2 million tax benefit and \$7.5 million tax expense in 2020, 2019 and 2018, respectively.

⁽³⁾ Unrecognized pension and OPEB benefit (costs), net of \$0.1 million tax benefit, \$1.6 million tax expense and \$1.5 million tax benefit in 2020, 2019 and 2018, respectively.

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
**NISOURCE INC.
CONSOLIDATED BALANCE SHEETS**

<i>(in millions)</i>	December 31, 2020	December 31, 2019
ASSETS		
Property, Plant and Equipment		
Plant	\$ 24,179.9	\$ 24,541.9
Accumulated depreciation and amortization	(7,560.4)	(7,629.7)
Net Property, Plant and Equipment ⁽¹⁾	16,619.5	16,912.2
Investments and Other Assets		
Unconsolidated affiliates	—	1.3
Available-for-sale debt securities (amortized cost of \$163.9 and \$150.1, allowance for credit losses of \$0.5 and \$0, respectively)	170.9	154.2
Other investments	81.1	74.7
Total Investments and Other Assets	252.0	230.2
Current Assets		
Cash and cash equivalents	116.5	139.3
Restricted cash	9.1	9.1
Accounts receivable	843.6	876.1
Allowance for credit losses	(52.3)	(19.2)
Accounts receivable, net	791.3	856.9
Gas inventory	191.2	250.9
Materials and supplies, at average cost	141.5	120.2
Electric production fuel, at average cost	68.4	53.6
Exchange gas receivable	34.1	48.5
Regulatory assets	135.7	225.7
Deferred property taxes	85.6	79.5
Prepayments and other	86.0	70.2
Total Current Assets ⁽¹⁾	1,659.4	1,853.9
Other Assets		
Regulatory assets	1,794.8	2,013.9
Goodwill	1,485.9	1,485.9
Deferred charges and other	228.9	163.7
Total Other Assets	3,509.6	3,663.5
Total Assets	\$ 22,040.5	\$ 22,659.8

⁽¹⁾Includes \$175.6 million of net property, plant and equipment assets and \$1.7 million of current assets of a consolidated VIE that may be used only to settle obligations of the consolidated VIE. Refer to Note 4 "Variable Interest Entity" for additional information.

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
**NI SOURCE INC.
CONSOLIDATED BALANCE SHEETS**

(in millions, except share amounts)	December 31, 2020	December 31, 2019
CAPITALIZATION AND LIABILITIES		
Capitalization		
Stockholders' Equity		
Common stock - \$0.01 par value, 600,000,000 shares authorized; 391,760,051 and 382,135,680 shares outstanding, respectively	\$ 3.9	\$ 3.8
Preferred stock - \$0.01 par value, 20,000,000 shares authorized; 440,000 shares outstanding	880.0	880.0
Treasury stock	(99.9)	(99.9)
Additional paid-in capital	6,890.1	6,666.2
Retained deficit	(1,765.2)	(1,370.8)
Accumulated other comprehensive loss	(156.7)	(92.6)
Total NiSource Stockholders' Equity	5,752.2	5,986.7
Noncontrolling interest in consolidated subsidiaries	85.6	—
Total Stockholders' Equity	5,837.8	5,986.7
Long-term debt, excluding amounts due within one year	9,219.8	7,856.2
Total Capitalization	15,057.6	13,842.9
Current Liabilities		
Current portion of long-term debt	23.3	13.4
Short-term borrowings	503.0	1,773.2
Accounts payable	589.0	666.0
Customer deposits and credits	243.3	256.4
Taxes accrued	244.1	231.6
Interest accrued	104.7	99.4
Risk management liabilities	78.2	12.6
Exchange gas payable	48.5	59.7
Regulatory liabilities	161.3	160.2
Accrued compensation and employee benefits	141.8	156.3
Claims accrued	28.6	165.4
Other accruals	113.6	151.6
Total Current Liabilities	2,279.4	3,745.8
Other Liabilities		
Risk management liabilities	144.6	134.0
Deferred income taxes	1,470.6	1,485.3
Accrued insurance liabilities	84.8	81.5
Accrued liability for postretirement and postemployment benefits	336.1	373.2
Regulatory liabilities	1,904.2	2,352.0
Asset retirement obligations	477.1	416.9
Other noncurrent liabilities	286.1	228.2
Total Other Liabilities	4,703.5	5,071.1
Commitments and Contingencies (Refer to Note 20, "Other Commitments and Contingencies")		
Total Capitalization and Liabilities	\$ 22,040.5	\$ 22,659.8

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
**NISOURCE INC.
STATEMENTS OF CONSOLIDATED CASH FLOWS**

Year Ended December 31, <i>(in millions)</i>	2020	2019	2018
Operating Activities			
Net Income (Loss)	\$ (14.2)	\$ 383.1	\$ (50.6)
Adjustments to Reconcile Net Income (Loss) to Net Cash from Operating Activities:			
Loss on early extinguishment of debt	243.5	—	45.5
Depreciation and amortization	725.9	717.4	599.6
Deferred income taxes and investment tax credits	(29.0)	118.2	(188.2)
Stock compensation expense and 401(k) profit sharing contribution	17.4	25.9	28.6
Impairment of goodwill and intangible assets	—	414.5	—
Loss (gain) on sale of assets	409.8	(0.6)	1.3
Amortization of discount/premium on debt	9.4	8.2	7.5
AFUDC equity	(9.9)	(8.0)	(14.2)
Other adjustments	0.2	(0.3)	0.4
Changes in Assets and Liabilities:			
Accounts receivable	(3.9)	187.8	(186.2)
Inventories	(1.5)	(2.0)	41.4
Accounts payable	(29.7)	(299.9)	268.4
Customer deposits and credits	10.0	16.9	(25.4)
Taxes accrued	28.4	7.3	20.2
Interest accrued	5.3	8.8	(21.7)
Exchange gas receivable/payable	(6.9)	55.5	(21.5)
Other accruals	(218.8)	105.3	43.5
Prepayments and other current assets	(5.9)	(33.6)	(14.5)
Regulatory assets/liabilities	70.8	(85.6)	(53.2)
Postretirement and postemployment benefits	(103.6)	(21.1)	58.2
Deferred charges and other noncurrent assets	(15.0)	(76.1)	3.8
Other noncurrent liabilities	21.7	61.6	(2.8)
Net Cash Flows from Operating Activities	1,104.0	1,583.3	540.1
Investing Activities			
Capital expenditures	(1,758.1)	(1,802.4)	(1,818.2)
Cost of removal	(138.2)	(113.2)	(104.3)
Proceeds from disposition of assets	1,115.9	0.4	1.8
Purchases of available-for-sale securities	(144.7)	(140.4)	(90.0)
Sales of available-for-sale securities	131.4	132.1	82.3
Payment to renewable generation asset developer	(85.3)	—	—
Other investing activities	(0.1)	1.1	2.3
Net Cash Flows used for Investing Activities	(879.1)	(1,922.4)	(1,926.1)
Financing Activities			
Proceeds from issuance of long-term debt	2,974.0	750.0	350.0
Repayments of long-term debt and finance lease obligations	(1,622.0)	(51.6)	(1,046.1)
Issuance of short-term debt (maturity > 90 days)	1,350.0	600.0	950.0
Repayment of short-term debt (maturity > 90 days)	(2,200.0)	(700.0)	—
Change in short-term borrowings, net (maturity ≤ 90 days)	(420.1)	(104.0)	(178.5)
Issuance of common stock, net of issuance costs	211.4	244.4	848.2
Issuance of preferred stock, net of issuance costs	—	—	880.0
Equity costs, premiums and other debt related costs	(246.5)	(17.8)	(46.0)
Acquisition of treasury stock	—	—	(4.0)
Contributions from non-controlling interest, net of issuance costs	82.2	—	—
Dividends paid - common stock	(321.6)	(298.5)	(273.3)
Dividends paid - preferred stock	(55.1)	(56.1)	(11.6)
Net Cash Flows from Financing Activities	(247.7)	366.4	1,468.7
Change in cash, cash equivalents and restricted cash	(22.8)	27.3	82.7
Cash, cash equivalents and restricted cash at beginning of period	148.4	121.1	38.4
Cash, Cash Equivalents and Restricted Cash at End of Period	\$ 125.6	\$ 148.4	\$ 121.1

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
**NISOURCE INC.
STATEMENTS OF CONSOLIDATED STOCKHOLDERS' EQUITY**

<i>(in millions)</i>	Common Stock	Preferred Stock ⁽¹⁾	Treasury Stock	Additional Paid-In Capital	Retained Deficit	Accumulated Other Comprehensive Loss	Noncontrolling Interest in Consolidated Subsidiaries	Total
Balance as of January 1, 2018	\$ 3.4	\$ —	\$ (95.9)	\$ 5,529.1	\$ (1,073.1)	\$ (43.4)	\$ —	\$ 4,320.1
Comprehensive Loss:								
Net Loss	—	—	—	—	(50.6)	—	—	(50.6)
Other comprehensive income, net of tax	—	—	—	—	—	15.7	—	15.7
Dividends								
Common stock (\$0.78 per share)	—	—	—	—	(273.5)	—	—	(273.5)
Preferred stock (\$28.88 per share)	—	—	—	—	(11.6)	—	—	(11.6)
Treasury stock acquired	—	—	(4.0)	—	—	—	—	(4.0)
Cumulative effect of change in accounting principle	—	—	—	—	9.5	(9.5)	—	—
Stock issuances:								
Common stock - private placement	0.3	—	—	599.3	—	—	—	599.6
Preferred stock	—	880.0	—	—	—	—	—	880.0
Employee stock purchase plan	—	—	—	5.5	—	—	—	5.5
Long-term incentive plan	—	—	—	15.4	—	—	—	15.4
401(k) and profit sharing	—	—	—	21.8	—	—	—	21.8
ATM Program	0.1	—	—	232.4	—	—	—	232.5
Balance as of December 31, 2018	\$ 3.8	\$ 880.0	\$ (99.9)	\$ 6,403.5	\$ (1,399.3)	\$ (37.2)	\$ —	\$ 5,750.9
Comprehensive Income:								
Net Income	—	—	—	—	383.1	—	—	383.1
Other comprehensive loss, net of tax	—	—	—	—	—	(55.4)	—	(55.4)
Dividends								
Common stock (\$0.80 per share)	—	—	—	—	(298.5)	—	—	(298.5)
Preferred stock (See Note 13)	—	—	—	—	(56.1)	—	—	(56.1)
Stock issuances:								
Employee stock purchase plan	—	—	—	5.6	—	—	—	5.6
Long-term incentive plan	—	—	—	10.4	—	—	—	10.4
401(k) and profit sharing	—	—	—	17.6	—	—	—	17.6
ATM Program	—	—	—	229.1	—	—	—	229.1
Balance as of December 31, 2019	\$ 3.8	\$ 880.0	\$ (99.9)	\$ 6,666.2	\$ (1,370.8)	\$ (92.6)	\$ —	\$ 5,986.7
Comprehensive Loss:								
Net Income (Loss)	—	—	—	—	(17.6)	—	3.4	(14.2)
Other comprehensive loss, net of tax	—	—	—	—	—	(64.1)	—	(64.1)
Dividends:								
Common stock (\$0.84 per share)	—	—	—	—	(321.7)	—	—	(321.7)
Preferred stock (See Note 13)	—	—	—	—	(55.1)	—	—	(55.1)
Contribution from noncontrolling interest	—	—	—	—	—	—	82.2	82.2
Stock issuances:								
Employee stock purchase plan	—	—	—	5.7	—	—	—	5.7
Long-term incentive plan	—	—	—	8.4	—	—	—	8.4
401(k) and profit sharing	—	—	—	13.4	—	—	—	13.4
ATM program	0.1	—	—	196.4	—	—	—	196.5
Balance as of December 31, 2020	\$ 3.9	\$ 880.0	\$ (99.9)	\$ 6,890.1	\$ (1,765.2)	\$ (156.7)	\$ 85.6	\$ 5,837.8

⁽¹⁾Series A and Series B shares have an aggregate liquidation preference of \$400M and \$500M, respectively. See Note 13, "Equity" for additional information.

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
**NISOURCE INC.
STATEMENTS OF CONSOLIDATED STOCKHOLDERS' EQUITY (continued)**

<i>(in thousands)</i>	Preferred	Common		
	Shares	Shares	Treasury	Outstanding
Balance as of January 1, 2018	—	340,813	(3,797)	337,016
Treasury stock acquired	—	—	(166)	(166)
Issued:				
Common stock - private placement	—	24,964	—	24,964
Preferred stock	420	—	—	—
Employee stock purchase plan	—	223	—	223
Long-term incentive plan	—	561	—	561
401(k) and profit sharing plan	—	882	—	882
ATM program	—	8,883	—	8,883
Balance as of December 31, 2018	420	376,326	(3,963)	372,363
Issued:				
Preferred stock ⁽¹⁾	20	—	—	—
Employee stock purchase plan	—	201	—	201
Long-term incentive plan	—	518	—	518
401(k) and profit sharing plan	—	631	—	631
ATM Program	—	8,423	—	8,423
Balance as of December 31, 2019	440	386,099	(3,963)	382,136
Issued:				
Employee stock purchase plan	—	236	—	236
Long-term incentive plan	—	385	—	385
401(k) and profit sharing plan	—	544	—	544
ATM program	—	8,459	—	8,459
Balance as of December 31, 2020	440	395,723	(3,963)	391,760

⁽¹⁾See Note 13, "Equity," for additional information.

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

1. Nature of Operations and Summary of Significant Accounting Policies

A. Company Structure and Principles of Consolidation. We are an energy holding company incorporated in Delaware and headquartered in Merrillville, Indiana. Our subsidiaries are fully regulated natural gas and electric utility companies serving approximately 3.7 million customers in six states. We generate substantially all of our operating income through these rate-regulated businesses. The consolidated financial statements include the accounts of us, our majority-owned subsidiaries, and VIEs of which we are the primary beneficiary after the elimination of all intercompany accounts and transactions.

On February 26, 2020, NiSource and Columbia of Massachusetts entered into an Asset Purchase Agreement with Eversource (the "Asset Purchase Agreement"). On October 9, 2020, NiSource and Columbia of Massachusetts received net proceeds from the sale of approximately \$1,113 million, which included, a \$1,100 million purchase price, an estimate of Columbia of Massachusetts' net working capital, net of closing costs and a \$56.0 million payment in lieu of penalties that NiSource agreed to make in full settlement of all of the pending and potential claims, lawsuits, investigations or proceedings settled by and released by a settlement agreement approved by the Massachusetts DPU. As of December 31, 2020, we have recorded a loss on the sale of \$412.4 million based on asset and liability balances as of the close of the transaction on October 9, 2020, estimated net working capital and estimated transaction costs. This estimated pre-tax loss is presented as "Loss on sale of assets, net" on the Statements of Consolidated Income (Loss) and is subject to change based on the final net working capital determination.

The Massachusetts Business had the following pretax income (loss) for the twelve months ended December 31, 2020, 2019 and 2018:

(in millions)	Twelve Months Ended December 31,		
	2020	2019	2018
Pretax Income (Loss)	(\$422.3)	\$36.8	(\$835.6)

We continue to monitor how the COVID-19 pandemic is affecting our workforce, customers, suppliers, operations, financial results and cash flow. See Note 3, "Revenue Recognition," Note 9, "Regulatory Matters," and Note 11, "Income Taxes," for information on the pandemic.

B. Use of Estimates. The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

C. Cash, Cash Equivalents and Restricted Cash. We consider all highly liquid investments with original maturities of three months or less to be cash equivalents. We report amounts deposited in brokerage accounts for margin requirements as restricted cash. In addition, we have amounts deposited in trust to satisfy requirements for the provision of various property, liability, workers compensation, and long-term disability insurance, which is classified as restricted cash on the Consolidated Balance Sheets and disclosed with cash and cash equivalents on the Statements of Consolidated Cash Flows.

D. Accounts Receivable and Unbilled Revenue. Accounts receivable on the Consolidated Balance Sheets includes both billed and unbilled amounts. Unbilled amounts of accounts receivable relate to a portion of a customer's consumption of gas or electricity from the last cycle billing date through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates, weather and reasonable and supportable forecasts. Accounts receivable fluctuates from year to year depending in large part on weather impacts and price volatility. Our accounts receivable on the Consolidated Balance Sheets include unbilled revenue, less reserves, in the amounts of \$338.3 million and \$350.5 million as of December 31, 2020 and 2019, respectively. The reserve for uncollectible receivables is our best estimate of the amount of probable credit losses in the existing accounts receivable. We determined the reserve based on historical experience and in consideration of current market conditions. Account balances are charged against the allowance when it is anticipated the receivable will not be recovered. Refer to Note 3, "Revenue Recognition," for additional information on customer-related accounts receivable.

E. Investments in Debt Securities. Our investments in debt securities are carried at fair value and are designated as available-for-sale. These investments are included within "Other investments" on the Consolidated Balance Sheets. Unrealized gains and losses, net of deferred income taxes, are recorded to accumulated other comprehensive income or loss. These

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

investments are monitored for other than temporary declines in market value. Realized gains and losses and permanent impairments are reflected in the Statements of Consolidated Income (Loss). No material impairment charges were recorded for the years ended December 31, 2020, 2019 or 2018. Refer to Note 18, "Fair Value," for additional information.

F. Basis of Accounting for Rate-Regulated Subsidiaries. Rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be charged and collected. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the Consolidated Balance Sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.

We continually evaluate whether or not our operations are within the scope of ASC 980 and rate regulations. As part of that analysis, we evaluate probability of recovery for our regulatory assets. In management's opinion, our regulated subsidiaries will be subject to regulatory accounting for the foreseeable future. Refer to Note 9, "Regulatory Matters," for additional information.

G. Plant and Other Property and Related Depreciation and Maintenance. Property, plant and equipment (principally utility plant) is stated at cost. Our rate-regulated subsidiaries record depreciation using composite rates on a straight-line basis over the remaining service lives of the electric, gas and common properties, as approved by the appropriate regulators.

Non-utility property includes renewable generation assets owned by a joint venture of which we are the primary beneficiary and is generally depreciated on a straight-line basis over the life of the associated asset. Refer to Note 6, "Property, Plant and Equipment," for additional information related to depreciation expense.

For rate-regulated companies, AFUDC is capitalized on all classes of property except organization costs, land, autos, office equipment, tools and other general property purchases. The allowance is applied to construction costs for that period of time between the date of the expenditure and the date on which such project is placed in service. Our pre-tax rate for AFUDC was 2.6% in 2020, 3.0% in 2019 and 3.5% in 2018.

Generally, our subsidiaries follow the practice of charging maintenance and repairs, including the cost of removal of minor items of property, to expense as incurred. When our subsidiaries retire regulated property, plant and equipment, original cost plus the cost of retirement, less salvage value, is charged to accumulated depreciation. However, when it becomes probable a regulated asset will be retired substantially in advance of its original expected useful life or is abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the gross amounts are classified as "Non-Utility and Other" as described in Note 6, "Property, Plant and Equipment." If the asset is no longer operating but still subject to recovery, the net amount is classified in "Regulatory assets" on the Consolidated Balance Sheets. If we are able to recover a full return of and on investment, the carrying value of the asset is based on historical cost. If we are not able to recover a full return on investment, a loss on impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate.

When our subsidiaries sell entire regulated operating units, or retire or sell nonregulated properties, the original cost and accumulated depreciation and amortization balances are removed from "Net Property, Plant and Equipment" on the Consolidated Balance Sheets. Any gain or loss is recorded in earnings, unless otherwise required by the applicable regulatory body. Refer to Note 6, "Property, Plant and Equipment," for further information.

External and internal costs associated with computer software developed for internal use are capitalized. Capitalization of such costs commences upon the completion of the preliminary stage of each project. Once the installed software is ready for its intended use, such capitalized costs are amortized on a straight-line basis generally over a period of five years.

External and internal up-front implementation costs associated with cloud computing arrangements that are service contracts are deferred on the Consolidated Balance Sheets. Once the installed software is ready for its intended use, such deferred costs are amortized on a straight-line basis to "Operation and maintenance," over the minimum term of the contract plus contractually-provided renewal periods that are reasonable expected to be exercised.

H. Goodwill and Other Intangible Assets. Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. We test our goodwill for impairment annually as of May 1, or more frequently if events and circumstances indicate that goodwill might be impaired. Fair value of our reporting

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

units is determined using a combination of income and market approaches. See Note 7, "Goodwill and Other Intangible Assets," for additional information.

I. Accounts Receivable Transfer Program. Certain of our subsidiaries have agreements with third parties to transfer certain accounts receivable without recourse. These transfers of accounts receivable are accounted for as secured borrowings. The entire gross receivables balance remains on the December 31, 2020 and 2019 Consolidated Balance Sheets and short-term debt is recorded in the amount of proceeds received from the transferees involved in the transactions. Refer to Note 19, "Transfers of Financial Assets," for further information.

J. Gas Cost and Fuel Adjustment Clause. Our regulated subsidiaries defer most differences between gas and fuel purchase costs and the recovery of such costs in revenues and adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. These deferred balances are recorded as "Regulatory assets" or "Regulatory liabilities," as appropriate, on the Consolidated Balance Sheets. Refer to Note 9, "Regulatory Matters," for additional information.

K. Inventory. Both the LIFO inventory methodology and the weighted average cost methodology are used to value natural gas in storage, as approved by regulators for all of our regulated subsidiaries. Inventory valued using LIFO was \$42.3 million and \$47.2 million at December 31, 2020 and 2019, respectively. Based on the average cost of gas using the LIFO method, the estimated replacement cost of gas in storage was less than the stated LIFO cost by \$19.6 million and \$25.5 million at December 31, 2020 and 2019, respectively. Gas inventory valued using the weighted average cost methodology was \$148.8 million at December 31, 2020 and \$203.7 million at December 31, 2019.

Electric production fuel is valued using the weighted average cost inventory methodology, as approved by NIPSCO's regulator.

Materials and supplies are valued using the weighted average cost inventory methodology.

L. Accounting for Exchange and Balancing Arrangements of Natural Gas. Our Gas Distribution Operations segment enters into balancing and exchange arrangements of natural gas as part of its operations and off-system sales programs. We record a receivable or payable for any of our respective cumulative gas imbalances, as well as for any gas inventory borrowed or lent under a Gas Distribution Operations exchange agreement. Exchange gas is valued based on individual regulatory jurisdiction requirements (for example, historical spot rate, spot at the beginning of the month). These receivables and payables are recorded as "Exchange gas receivable" or "Exchange gas payable" on our Consolidated Balance Sheets, as appropriate.

M. Accounting for Risk Management Activities. We account for our derivatives and hedging activities in accordance with ASC 815. We recognize all derivatives as either assets or liabilities on the Consolidated Balance Sheets at fair value, unless such contracts are exempted as a normal purchase normal sale under the provisions of the standard. The accounting for changes in the fair value of a derivative depends on the intended use of the derivative and resulting designation.

We have elected not to net fair value amounts for any of our derivative instruments or the fair value amounts recognized for the right to receive cash collateral or obligation to pay cash collateral arising from those derivative instruments recognized at fair value, which are executed with the same counterparty under a master netting arrangement. See Note 10, "Risk Management Activities," for additional information.

N. Income Taxes and Investment Tax Credits. We record income taxes to recognize full interperiod tax allocations. Under the asset and liability method, deferred income taxes are provided for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amount and the tax basis of existing assets and liabilities. Investment tax credits associated with regulated operations are deferred and amortized as a reduction to income tax expense over the estimated useful lives of the related properties.

To the extent certain deferred income taxes of the regulated companies are recoverable or payable through future rates, regulatory assets and liabilities have been established. Regulatory assets for income taxes are primarily attributable to property-related tax timing differences for which deferred taxes had not been provided in the past, when regulators did not recognize such taxes as costs in the rate-making process. Regulatory liabilities for income taxes are primarily attributable to the regulated companies' obligation to refund to ratepayers deferred income taxes provided at rates higher than the current Federal income tax rate. Such property-related amounts are credited to ratepayers using either the average rate assumption method or the reverse South Georgia method. Non property-related amounts are credited to ratepayers consistent with state utility commission direction.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Pursuant to the Internal Revenue Code and relevant state taxing authorities, we and our subsidiaries file consolidated income tax returns for federal and certain state jurisdictions. We and our subsidiaries are parties to a tax sharing agreement. Income taxes recorded by each party represent amounts that would be owed had the party been separately subject to tax.

O. Environmental Expenditures. We accrue for costs associated with environmental remediation obligations, including expenditures related to asset retirement obligations and cost of removal, when the incurrence of such costs is probable and the amounts can be reasonably estimated, regardless of when the expenditures are actually made. The undiscounted estimated future expenditures are based on currently enacted laws and regulations, existing technology and estimated site-specific costs where assumptions may be made about the nature and extent of site contamination, the extent of cleanup efforts, costs of alternative cleanup methods and other variables. The liability is adjusted as further information is discovered or circumstances change. The accruals for estimated environmental expenditures are recorded on the Consolidated Balance Sheets in "Other accruals" for short-term portions of these liabilities and "Other noncurrent liabilities" for the respective long-term portions of these liabilities. Rate-regulated subsidiaries applying regulatory accounting establish regulatory assets on the Consolidated Balance Sheets to the extent that future recovery of environmental remediation costs is probable through the regulatory process. Refer to Note 8, "Asset Retirement Obligations," and Note 20, "Other Commitments and Contingencies," for further information.

P. Excise Taxes. As an agent for some state and local governments, we invoice and collect certain excise taxes levied by state and local governments on customers and record these amounts as liabilities payable to the applicable taxing jurisdiction. Such balances are presented within "Other accruals" on the Consolidated Balance Sheets. These types of taxes collected from customers, comprised largely of sales taxes, are presented on a net basis affecting neither revenues nor cost of sales. We account for excise taxes for which we are liable by recording a liability for the expected tax with a corresponding charge to "Other taxes" expense on the Statements of Consolidated Income (Loss).

Q. Accrued Insurance Liabilities. We accrue for insurance costs related to workers compensation, automobile, property, general and employment practices liabilities based on the most probable value of each claim. In general, claim values are determined by professional, licensed loss adjusters who consider the facts of the claim, anticipated indemnification and legal expenses, and respective state rules. Claims are reviewed by us at least quarterly and an adjustment is made to the accrual based on the most current information. Refer to Note 20-E "Other Matters" for further information on accrued insurance liabilities related to the Greater Lawrence Incident.

2. Recent Accounting Pronouncements

Recently Issued Accounting Pronouncements

We are currently evaluating the impact of certain ASUs on our Consolidated Financial Statements or Notes to Consolidated Financial Statements, which are described below:

Standard	Description	Effective Date	Effect on the financial statements or other significant matters
ASU 2020-04, <i>Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Statement</i>	This pronouncement provides temporary optional expedients and exceptions for applying GAAP principles to contract modifications and hedging relationships to ease the financial reporting burdens of the expected market transition from LIBOR and other interbank offered rates to alternative reference rates.	Upon issuance on March 12, 2020, and will apply through December 31, 2022.	We continue to evaluate the temporary expedients and options available under this guidance, and the effects of these pronouncements on our Consolidated Financial Statements and Notes to Consolidated Financial Statements. We are currently identifying and evaluating contracts that may be impacted. As of December 31, 2020, we have not applied any expedients and options available under this ASU.
ASU 2021-01, <i>Reference Rate Reform (Topic 848): Scope</i>			

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Standard	Description	Effective Date	Effect on the financial statements or other significant matters
ASU 2020-06, <i>Debt with Conversion and Other Options (Subtopic 470-20) and Derivative and Hedging - Contracts in Entity's Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entity's Own Equity</i>	This pronouncement simplifies the accounting for certain financial instruments with characteristics of liabilities and equity, including convertible instruments and contracts on an entity's own equity. Specifically, the ASU "simplifies accounting for convertible instruments by removing major separation models required under current GAAP." In addition, the ASU "removes certain settlement conditions that are required for equity contracts to qualify for it" and "simplifies the diluted earnings per share (EPS) calculations in certain areas."	Annual period beginning after December 15, 2021. Early adoption is permitted for annual period beginning after December 15, 2020.	This pronouncement does not impact any securities we currently have on our balance sheet. We will continue to evaluate the effects of this pronouncement on our Consolidated Financial Statements and Notes to Consolidated Financial Statements as it pertains to any relevant future activity. We expect to adopt this ASU on its effective date.

Recently Adopted Accounting Pronouncements

Standard	Adoption
ASU 2019-04, <i>Codification Improvements to Topic 326, Financial Instruments-Credit Losses, Topic 815, Derivatives and Hedging, and Topic 825, Financial Instruments</i>	<p>In June 2016, the FASB issued ASU 2016-13, Measurement of Credit Losses on Financial Instruments (ASC 326). ASC 326 revised the GAAP guidance on the impairment of most financial assets and certain other instruments that are not measured at fair value through net income. ASC 326 introduces the current expected credit loss (CECL) model that is based on expected losses for instruments measured at amortized cost rather than incurred losses. It also requires entities to record an allowance for available-for-sale debt securities rather than impair the carrying amount of the securities. Subsequent improvements to the estimated credit losses of available-for-sale debt securities will be recognized immediately in earnings, instead of over-time as they would under historic guidance. In 2019, the FASB issued ASU 2019-04, Codification Improvements to Topic 326, Financial Instruments-Credit Losses, Topic 815, Derivative and Hedging, and Topic 825, Financial Instruments. This pronouncement clarified and improved certain areas of guidance related to the recently issued standards on credit losses, hedging, and recognition and measurement.</p> <p>We adopted ASC 326 effective January 1, 2020, using a modified retrospective method. Adoption of this standard did not have material impact on our Consolidated Financial Statements. No adjustments were made to the January 1, 2020 opening balances as a result of this adoption. As required under the modified retrospective method of adoption, results for the reporting periods beginning after January 1, 2020 are presented under ASC 326, while prior period amounts are not adjusted.</p> <p>See Note 3, "Revenue Recognition," and Note 18, "Fair Value," for our discussion of the implementing these standards.</p>
ASU 2016-13, <i>Financial Instruments-Credit Losses (Topic 326)</i>	
ASU 2018-14, <i>Compensation—Retirement Benefits—Defined Benefit Plans—General (Subtopic 715-20): Disclosure Framework—Changes to the Disclosure Requirements for Defined Benefit Plans</i>	Issued in August 2018, the pronouncement modifies the disclosure requirements for defined benefit pension or other postretirement benefit plans. The guidance removes disclosures that are no longer considered cost beneficial, clarifies the specific requirements of disclosures and adds disclosure requirements identified as relevant. The modifications affect annual period disclosures for fiscal years ending after December 15, 2020, and are applied on a retrospective basis to all periods presented. These disclosure requirements are reflected in the Note 12, "Pension and Postretirement Benefits."
ASU 2019-12, <i>Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes</i>	This pronouncement simplifies the accounting for income taxes by eliminating certain exceptions to the general principles in ASC 740, income taxes. It also improves consistency of application for other areas of the guidance by clarifying and amending existing guidance. We adopted the amendments of this pronouncement as of January 1, 2021 with no material impact to the Consolidated Financial Statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
3. Revenue Recognition

Customer Revenues. Substantially all of our revenues are tariff-based. Under ASC 606, the recipients of our utility service meet the definition of a customer, while the operating company tariffs represent an agreement that meets the definition of a contract, which creates enforceable rights and obligations. Customers in certain of our jurisdictions participate in programs that allow for a fixed payment each month regardless of usage. Payments received that exceed the value of gas or electricity actually delivered are recorded as a liability and presented in "Customer Deposits and Credits" on the Consolidated Balance Sheets. Amounts in this account are reduced and revenue is recorded when customer usage exceeds payments received.

We have identified our performance obligations created under tariff-based sales as 1) the commodity (natural gas or electricity, which includes generation and capacity) and 2) delivery. These commodities are sold and / or delivered to and generally consumed by customers simultaneously, leading to satisfaction of our performance obligations over time as gas or electricity is delivered to customers. Due to the at-will nature of utility customers, performance obligations are limited to the services requested and received to date. Once complete, we generally maintain no additional performance obligations.

Transaction prices for each performance obligation are generally prescribed by each operating company's respective tariff. Rates include provisions to adjust billings for fluctuations in fuel and purchased power costs and cost of natural gas. Revenues are adjusted for differences between actual costs, subject to reconciliation, and the amounts billed in current rates. Under or over recovered revenues related to these cost recovery mechanisms are included in "Regulatory Assets" or "Regulatory Liabilities" on the Consolidated Balance Sheets and are recovered from or returned to customers through adjustments to tariff rates. As we provide and deliver service to customers, revenue is recognized based on the transaction price allocated to each performance obligation. Distribution revenues are generally considered daily or "at-will" contracts as customers may cancel their service at any time (subject to notification requirements), and revenue generally represents the amount we are entitled to bill customers.

In addition to tariff-based sales, our Gas Distribution Operations segment enters into balancing and exchange arrangements of natural gas as part of our operations and off-system sales programs. We have concluded that these sales are within the scope of ASC 606. Performance obligations for these types of sales include transportation and storage of natural gas and can be satisfied at a point in time or over a period of time, depending on the specific transaction. For those transactions that span a period of time, we record a receivable or payable for any cumulative gas imbalances, as well as for any gas inventory borrowed or lent under a Gas Distributions Operations exchange agreement.

Revenue Disaggregation and Reconciliation. We disaggregate revenue from contracts with customers based upon reportable segment as well as by customer class. As our revenues are primarily earned over a period of time, and we do not earn a material amount of revenues at a point in time, revenues are not disaggregated as such below. The Gas Distribution Operations segment provides natural gas service and transportation for residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, Maryland, Indiana and Massachusetts. We completed the sale of the Massachusetts Business on October 9, 2020. The Electric Operations segment provides electric service in 20 counties in the northern part of Indiana.

The table below reconciles revenue disaggregation by customer class to segment revenue as well as to revenues reflected on the Statements of Consolidated Income (Loss):

Year Ended December 31, 2020 (in millions)	Gas Distribution Operations		Electric Operations		Corporate and Other ⁽²⁾		Total
Customer Revenues⁽¹⁾							
Residential	\$	2,075.0	\$	527.8	\$	—	\$ 2,602.8
Commercial		670.5		480.3		—	1,150.8
Industrial		212.8		412.1		—	624.9
Off-system		41.0		—		—	41.0
Miscellaneous		32.7		20.2		0.8	53.7
Total Customer Revenues	\$	3,032.0	\$	1,440.4	\$	0.8	\$ 4,473.2
Other Revenues		96.1		95.5		16.9	208.5
Total Operating Revenues	\$	3,128.1	\$	1,535.9	\$	17.7	\$ 4,681.7

⁽¹⁾Customer revenue amounts exclude intersegment revenues. See Note 24, "Segments of Business," for discussion of intersegment revenues.

⁽²⁾Other revenues related to the Transition Services Agreement entered into in connection with the sale of the Massachusetts Business.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Year Ended December 31, 2019 <i>(in millions)</i>	Gas Distribution Operations	Electric Operations	Corporate and Other	Total
Customer Revenues⁽¹⁾				
Residential	\$ 2,309.0	\$ 481.6	\$ —	\$ 2,790.6
Commercial	771.3	486.6	—	1,257.9
Industrial	245.2	607.7	—	852.9
Off-system	77.7	—	—	77.7
Miscellaneous	52.0	21.5	0.8	74.3
Total Customer Revenues	\$ 3,455.2	\$ 1,597.4	\$ 0.8	\$ 5,053.4
Other Revenues	54.5	101.0	—	155.5
Total Operating Revenues	\$ 3,509.7	\$ 1,698.4	\$ 0.8	\$ 5,208.9

⁽¹⁾Customer revenue amounts exclude intersegment revenues. See Note 24, "Segments of Business," for discussion of intersegment revenues.

Year Ended December 31, 2018 <i>(in millions)</i>	Gas Distribution Operations	Electric Operations	Corporate and Other	Total
Customer Revenues⁽¹⁾				
Residential	\$ 2,250.0	\$ 494.7	\$ —	\$ 2,744.7
Commercial	751.9	492.7	—	1,244.6
Industrial	228.0	613.6	—	841.6
Off-system	92.4	—	—	92.4
Miscellaneous	49.7	17.4	0.7	67.8
Total Customer Revenues	\$ 3,372.0	\$ 1,618.4	\$ 0.7	\$ 4,991.1
Other Revenues	34.4	89.0	—	123.4
Total Operating Revenues	\$ 3,406.4	\$ 1,707.4	\$ 0.7	\$ 5,114.5

⁽¹⁾Customer revenue amounts exclude intersegment revenues. See Note 24, "Segments of Business," for discussion of intersegment revenues.

Other Revenues. As permitted by accounting principles generally accepted in the United States, regulated utilities have the ability to earn certain types of revenue that are outside the scope of ASC 606. These revenues primarily represent revenue earned under alternative revenue programs. Alternative revenue programs represent regulator-approved mechanisms that allow for the adjustment of billings and revenue for certain approved programs. We maintain a variety of these programs, including demand side management initiatives that recover costs associated with the implementation of energy efficiency programs, as well as normalization programs that adjust revenues for the effects of weather or other external factors. Additionally, we maintain certain programs with future test periods that operate similarly to FERC formula rate programs and allow for recovery of costs incurred to replace aging infrastructure. When the criteria to recognize alternative revenue have been met, we establish a regulatory asset and present revenue from alternative revenue programs on the Statements of Consolidated Income (Loss) as "Other revenues." When amounts previously recognized under alternative revenue accounting guidance are billed, we reduce the regulatory asset and record a customer account receivable.

Customer Accounts Receivable. Accounts receivable on our Consolidated Balance Sheets includes both billed and unbilled amounts, as well as certain amounts that are not related to customer revenues. Unbilled amounts of accounts receivable relate to a portion of a customer's consumption of gas or electricity from the date of the last cycle billing through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates and weather. The opening and closing balances of customer receivables for the years ended December 31, 2020 and 2019 are presented in the table below. We had no significant contract assets or liabilities during the period. Additionally, we have not incurred any significant costs to obtain or fulfill contracts.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

<i>(in millions)</i>	Customer Accounts Receivable, Billed (less reserve) ⁽¹⁾	Customer Accounts Receivable, Unbilled (less reserve)
Balance as of December 31, 2019	\$ 466.6	\$ 346.6
Balance as of December 31, 2020	400.0	327.2
Decrease	\$ (66.6)	\$ (19.4)

⁽¹⁾Customer billed receivables decreased due to decreased natural gas costs and warmer weather in 2020 compared to 2019.

Utility revenues are billed to customers monthly on a cycle basis. We generally expect that substantially all customer accounts receivable will be collected within the month following customer billing, as this revenue consists primarily of monthly, tariff-based billings for service and usage. We maintain common utility credit risk mitigation practices, including requiring deposits and actively pursuing collection of past due amounts. Our regulated operations also utilize certain regulatory mechanisms that facilitate recovery of bad debt costs within tariff-based rates, which provides further evidence of collectibility. In connection with the COVID-19 pandemic, certain state regulatory commissions instituted regulatory moratoriums that impacted our ability to pursue our standard credit risk mitigation practices. Following the issuance of these moratoriums, certain of our regulated operations have been authorized to recognize a regulatory asset for bad debt costs above levels currently in rates. We have reinstated our common credit mitigation practices where moratoriums have expired (see Note 9, "Regulatory Matters," for additional information on regulatory moratoriums and regulatory assets). It is probable that substantially all of the consideration to which we are entitled from customers will be collected upon satisfaction of performance obligations.

Allowance for Credit Losses. We adopted ASC 326 effective January 1, 2020. See "Recently Adopted Accounting Pronouncements" in Note 2, "Recent Accounting Pronouncements," for more information about ASC 326.

Each of our business segments pool their customer accounts receivables based on similar risk characteristics, such as customer type, geography, payment terms, and related macro-economic risks. Expected credit loss exposure is evaluated separately for each of our accounts receivable pools. Expected credit losses are established using a model that considers historical collections experience, current information, and reasonable and supportable forecasts. Relevant and reliable internal and external inputs used in the model include, but are not limited to, energy consumption trends, revenue projections, actual charge-offs data, recoveries data, shut-off orders executed data, and final bill data. We continuously evaluate available reasonable and supportable information relevant to assessing collectibility of current and future receivables. We evaluate creditworthiness of specific customers periodically or when required by changes in facts and circumstances. When we become aware of a specific commercial or industrial customer's inability to pay, an allowance for expected credit losses is recorded for the relevant amount. We also monitor other circumstances that could affect our overall expected credit losses; these include, but are not limited to, creditworthiness of overall population in service territories, adverse conditions impacting an industry sector, and current economic conditions.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

At each reporting period, we record expected credit losses using an allowance for credit losses account. When deemed to be uncollectible, customer accounts are written-off. A rollforward of our allowance for credit losses for the year ended December 31, 2020 are presented in the table below:

Year Ended December 31, 2020 (in millions)	Gas Distribution Operations	Electric Operations	Corporate and Other	Total
Beginning balance⁽¹⁾	9.1	3.1	0.8	13.0
Current period provisions	45.3	9.3	—	54.6
Write-offs charged against allowance	(26.7)	(3.0)	—	(29.7)
Recoveries of amounts previously written off	14.1	0.3	—	14.4
Ending balance of the allowance for credit losses	41.8	9.7	0.8	52.3

⁽¹⁾Total beginning balance differs from that presented in the Consolidated Balance Sheets as it excludes Columbia of Massachusetts' customer receivables and related allowance for credit losses were included in the sale of the Massachusetts Business that occurred on October 9, 2020.

As of December 31, 2020, we have also evaluated the adequacy of our allowance for credit losses in light of the suspension of shut-offs for nonpayment due to the COVID-19 pandemic that remain in effect for certain jurisdictions, as well as the economic downturn. Our evaluation included an analysis of customer payment trends in 2020, economic conditions, receivables aging, considerations of past economic downturns and the associated allowance for credit losses and customer account write-offs. In addition, we considered benefits available under governmental COVID-19 relief programs, the impact of unemployment benefits initiatives, and flexible payment plans being offered to customers affected by or experiencing hardship as a result of the pandemic, which could help to mitigate the potential for increasing customer account delinquencies. Based upon this evaluation, we have concluded that the allowance for credit losses as of December 31, 2020 adequately reflected the collection risk and net realizable value for our receivables. We will continue to monitor changing circumstances and will adjust our allowance for credit losses as additional information becomes available.

4. Variable Interest Entities

A VIE is an entity in which the controlling interest is determined through means other than a majority voting interest. The primary beneficiary of a VIE is the business enterprise which has the power to direct the activities of the VIE that most significantly impact the VIE's economic performance. Also, the primary beneficiary either absorbs a significant amount of the VIE's losses or has the right to receive benefits that could be significant to the VIE. We consider these qualitative elements in determining whether we are the primary beneficiary of a VIE, and we consolidate those VIEs for which we are determined to be the primary beneficiary.

Rosewater (a joint venture) owns and operates 102 MW of nameplate capacity wind generation assets. Members of the joint venture are NIPSCO (who is the managing member) and a tax equity partner. Earnings, tax attributes and cash flows are allocated to both NIPSCO and the tax equity partner in varying percentages by category and over the life of the partnership. Once the tax equity partner has earned their negotiated rate of return and we have reached the agreed upon contractual date, NIPSCO has the option to purchase at fair market value from the tax equity partner the remaining interest in the aforementioned joint venture. NIPSCO has an obligation to purchase, through a PPA at established market rates, 100% of the electricity generated by Rosewater.

As the managing member of Rosewater, we control decisions that are significant to its ongoing operations and economic results. Therefore, we have concluded that we are the primary beneficiary of Rosewater and have consolidated Rosewater even though we own less than 100% of the total equity membership interest.

We have determined that the use of HLBV accounting is reasonable and appropriate in order to attribute income and loss to the noncontrolling interest held by the tax equity partner. HLBV accounting was selected as the allocation of Rosewater's economic results to members differ from the members' relative ownership percentages. Using the HLBV method, our earnings are calculated based on how the partnership would distribute its cash if it were to hypothetically sell all of its assets for their carrying amounts and liquidate at each reporting period. Under HLBV, we calculate the liquidation value allocable to each partner at the beginning and end of each period based on the contractual terms of the related entity's operating agreement and adjust our income for the period to reflect the change our associated book value.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

In December 2020, in exchange for their respective membership interests in Rosewater, NIPSCO contributed \$0.7 million in cash, and the tax equity partner contributed \$86.1 million in cash, the first of two contractual cash contributions for each partner, per the equity capital contribution agreement. NIPSCO's remaining economic interest was acquired by assuming an obligation of \$69.7 million to the developer, which comes due in 2023 and is included in "Other noncurrent liabilities" in the Consolidated Balance Sheets. From the contributed funds, Rosewater paid \$85.3 million to the developer of the wind generation assets. The developer of the facility is not a partner in the joint venture for federal income tax purposes and does not receive any share of earnings, tax attributes, or cash flows of Rosewater. Once asset construction is complete, NIPSCO and the tax equity partner will each make a second cash contribution of \$0.1 million and \$7.5 million, respectively, and NIPSCO will assume an additional obligation to the developer of \$6.0 million, totaling contributions of \$170.1 million for both partners. We did not provide any financial or other support during the year that was not previously contractually required, nor do we expect to provide such support in the future.

At December 31, 2020, \$156.4 million in net assets (as detailed in the table below) related to Rosewater and the non-controlling interest attributable to the unrelated tax equity partner of \$85.6 million were included in the Consolidated Balance Sheets. For the year ended December 31, 2020 \$3.4 million was allocated to the tax equity partner and is included in "Net income attributable to non-controlling interest" on the Statements of Consolidated Income (Loss).

At December 31, 2020, our consolidated balance sheet included the following assets and liabilities associated with Rosewater:

(in millions)

Net Property, Plant and Equipment	\$	175.6
Current assets		1.7
Total assets⁽¹⁾	\$	177.3
Current liabilities	\$	15.3
Asset retirement obligations		5.5
Other noncurrent liabilities		0.1
Total liabilities	\$	20.9

⁽¹⁾The assets of Rosewater represent assets of a consolidated VIE that can be used only to settle obligations of the consolidated VIE.

5. Earnings Per Share

Basic EPS is computed by dividing net income attributable to common shareholders by the weighted-average number of shares of common stock outstanding for the period. The weighted-average shares outstanding for diluted EPS includes the incremental effects of the various long-term incentive compensation plans and forward agreements when the impact of such plans and agreements would be dilutive. The calculation of diluted earnings per share for the years ended December 31, 2020 and December 31, 2018 does not include any dilutive potential common shares as we had a net loss on the Statements of Consolidated Income (Loss) for these periods, and any incremental shares would have had an anti-dilutive impact on EPS. The computation of diluted average common shares is as follows:

Year Ended December 31, (in thousands)	2020	2019	2018
Denominator			
Basic average common shares outstanding	384,347	374,650	356,491
Dilutive potential common shares:			
Shares contingently issuable under employee stock plans	—	929	—
Shares restricted under employee stock plans	—	154	—
Forward agreements	—	253	—
Diluted Average Common Shares	384,347	375,986	356,491

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
6. Property, Plant and Equipment

Our property, plant and equipment on the Consolidated Balance Sheets are classified as follows:

At December 31, (in millions)	2020	2019
Property, Plant and Equipment		
Gas Distribution Utility ⁽¹⁾	\$ 14,010.2	\$ 14,989.7
Electric Utility ⁽¹⁾	6,478.0	8,902.3
Corporate	197.3	153.3
Construction Work in Process	572.6	457.3
Renewable Generation Assets ⁽²⁾	175.7	—
Non-Utility and Other ⁽³⁾	2,746.1	39.3
Total Property, Plant and Equipment	\$ 24,179.9	\$ 24,541.9
Accumulated Depreciation and Amortization		
Gas Distribution Utility ⁽¹⁾	\$ (3,292.9)	\$ (3,556.0)
Electric Utility ⁽¹⁾	(2,305.0)	(3,973.8)
Corporate	(109.3)	(79.5)
Renewable Generation Assets ⁽²⁾	(0.1)	—
Non-Utility and Other ⁽³⁾	(1,853.1)	(20.4)
Total Accumulated Depreciation and Amortization	\$ (7,560.4)	\$ (7,629.7)
Net Property, Plant and Equipment	\$ 16,619.5	\$ 16,912.2

⁽¹⁾NIPSCO's common utility plant and associated accumulated depreciation and amortization are allocated between Gas Distribution Utility and Electric Utility Property, Plant and Equipment.

⁽²⁾Our renewable generation assets are part of our electric segment and represent Non-Utility Property, owned and operated by Rosewater Wind Generation LLC, a joint venture between NIPSCO and unrelated tax equity partner, and depreciated straight-line over 30 years. Refer to Note 4, "Variable Interest Entities" for additional information.

⁽³⁾Non-Utility and Other as of December 31, 2020 includes net book value of \$903.8 million related to R.M. Schahfer Generating Station, which was reclassified from Electric Utility in the second quarter of 2020. Depreciation expense for the remaining net book value continues to be recorded at the composite depreciation rate approved by the IURC. See Note 20-E, "Other Matters," for additional information.

The weighted average depreciation provisions for utility plant, as a percentage of the original cost, for the periods ended December 31, 2020, 2019 and 2018 were as follows:

	2020	2019	2018
Electric Operations ⁽¹⁾	3.4 %	2.8 %	2.9 %
Gas Distribution Operations	2.3 %	2.5 %	2.2 %

⁽¹⁾Increased rate beginning in 2020 primarily attributable to higher depreciation rates from the recent rate case proceeding.

We recognized depreciation expense of \$655.6 million, \$612.2 million and \$503.4 million for the years ended 2020, 2019 and 2018, respectively.

Amortization of Software Costs. We amortized \$56.7 million, \$55.5 million and \$54.1 million in 2020, 2019 and 2018, respectively, related to software costs. Our unamortized software balance was \$136.4 million and \$169.6 million at December 31, 2020 and 2019, respectively.

Amortization of Cloud Computing Costs. We amortized \$3.4 million, \$1.6 million and \$0.1 million in 2020, 2019 and 2018, respectively, related to cloud computing costs. Our unamortized cloud computing balance was \$12.7 million and \$14.2 million at December 31, 2020 and 2019, respectively.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

7. Goodwill and Other Intangible Assets

Goodwill. Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. The following presents our goodwill balance allocated by segment as of December 31, 2020 and 2019:

<i>(in millions)</i>	2020	2019
Gas Distribution Operations	\$ 1,485.9	\$ 1,485.9
Electric Operations	—	—
Corporate and Other	—	—
Total	\$ 1,485.9	\$ 1,485.9

For our annual goodwill impairment analysis performed as of May 1, 2020, we completed a quantitative ("step 1") fair value measurement of our reporting units. Fair value of this reporting unit was determined based on a weighting of income and market approaches. The income approach calculated discounted cash flows using updated cash flow projections, discount rates and return on equity assumptions. The market approach applied a combination of comparable company multiples and comparable transactions and used the most recent cash flow projections. The test indicated that the fair value of each of the reporting units that are allocated goodwill exceeded their carrying values, indicating that no impairment was necessary.

Columbia of Massachusetts was not considered to be a reporting unit for May 1, 2020 fair value measurement as the goodwill balance had been reduced to zero as of December 31, 2019. During the fourth quarter of 2019, in connection with the preparation of the year-end financial statements, we assessed the matters related to the then proposed sale of the Massachusetts Business and determined a new impairment analysis was required for our Columbia of Massachusetts reporting unit. The fair value of the Columbia of Massachusetts reporting unit was determined in the same manner as described above for our remaining reporting units. The 2019 year-end impairment analysis indicated that the fair value of the Columbia of Massachusetts reporting unit was below its carrying value. As a result, we reduced the Columbia of Massachusetts reporting unit goodwill balance to zero and recognized a goodwill impairment charge totaling \$204.8 million, which is non-deductible for tax purposes.

Intangible and Other Long-Lived Assets Impairment. We review our definite-lived intangible assets, along with other long-lived assets (utility plant), for impairment when events or changes in circumstances indicate the assets' fair value might be below their carrying amount. Prior to December 31, 2019, our intangible assets, apart from goodwill, consisted of franchise rights. Franchise rights were identified as part of the purchase price allocations associated with the acquisition in February 1999 of Columbia of Massachusetts.

During the fourth quarter of 2019, in connection with the preparation of the year-end financial statements, we assessed the changes in circumstances that occurred during the quarter to determine if it was more likely than not that the fair value of our long-lived assets (including franchise rights) were below their carrying amount. As a result, we performed a year-end impairment test of our held and used long-lived assets in which we compared the book value of the Columbia of Massachusetts asset group to its undiscounted future cash flow and determined the carrying value of the asset group was not recoverable. We estimated the fair value of the Columbia of Massachusetts asset group using a weighting of income and market approaches and determined that the fair value was less than the carrying value. The resulting impairment was allocated to reduce the entire franchise rights book value to its fair value of zero, which resulted in an impairment charge totaling \$209.7 million recorded in the Gas Distribution Operations segment during the year ended December 31, 2019.

As of December 31, 2020 and 2019, the carrying amount of the franchise rights was zero. We recorded zero amortization expense in 2020 and \$11.0 million in 2019 and 2018 related to our franchise rights intangible asset.

8. Asset Retirement Obligations

We have recognized asset retirement obligations associated with various legal obligations including costs to remove and dispose of certain construction materials located within many of our facilities, certain costs to retire pipeline, removal costs for certain underground storage tanks, removal of certain pipelines known to contain PCB contamination, closure costs for certain sites including ash ponds, solid waste management units and a landfill, as well as some other nominal asset retirement obligations. We also have an obligation associated with the decommissioning of our two hydro facilities located in Indiana. These hydro facilities have an indeterminate life, and as such, no asset retirement obligation has been recorded.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Changes in our liability for asset retirement obligations for the years 2020 and 2019 are presented in the table below:

<i>(in millions)</i>	2020	2019
Beginning Balance	\$ 416.9	\$ 352.0
Accretion recorded as a regulatory asset/liability	17.3	15.7
Additions	5.5	—
Settlements	(13.9)	(5.4)
Change in estimated cash flows	86.0 ⁽¹⁾	54.6 ⁽²⁾
Other	(16.2) ⁽³⁾	—
Ending Balance	\$ 495.6	\$ 416.9

⁽¹⁾The change in estimated cash flows for 2020 is primarily attributed to revisions to the estimated costs associated with refining the CCR compliance plan, changes in estimated costs for electric generating stations and the changes in estimated costs for retirement of gas mains. See Note 20-D, "Environmental Matters" for additional information on CCRs.

⁽²⁾The change in estimated cash flows for 2019 is primarily attributed to changes in estimated costs and settlement timing for electric generating stations and the changes in estimated costs for retirement of gas mains.

⁽³⁾Represents the Columbia of Massachusetts Asset Retirement Obligations that were included in the sale of the Massachusetts Business that occurred on October 9, 2020.

Certain non-legal costs of removal that have been, and continue to be, included in depreciation rates and collected in the customer rates of the rate-regulated subsidiaries are classified as "Regulatory liabilities" on the Consolidated Balance Sheets.

9. Regulatory Matters

Regulatory Assets and Liabilities

We follow the accounting and reporting requirements of ASC Topic 980, which provides that regulated entities account for and report assets and liabilities consistent with the economic effect of regulatory rate-making procedures when the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates will be charged and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income or expense are deferred on the balance sheet and are recognized in the income statement as the related amounts are included in customer rates and recovered from or refunded to customers. We assess the probability of collection for all of our regulatory assets each period.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Regulatory assets were comprised of the following items:

At December 31, (in millions)	2020	2019
Regulatory Assets		
Unrecognized pension and other postretirement benefit costs (see Note 12)	\$ 583.3	\$ 739.1
Deferred pension and other postretirement benefit costs (see Note 12)	72.4	91.3
Environmental costs (see Note 20-D)	56.6	73.4
Regulatory effects of accounting for income taxes (see Note 1-N and Note 11)	194.5	234.0
Under-recovered gas and fuel costs (see Note 1-J)	8.0	3.9
Depreciation	192.6	210.7
Post-in-service carrying charges	228.6	219.8
Safety activity costs	146.0	118.6
DSM programs	37.8	50.1
Bailly Generating Station	204.7	221.8
Losses on Commodity Price Risk Programs (See Note 10)	54.7	76.4
Deferred Property Taxes	62.9	60.3
Other	88.4	140.2
Total Regulatory Assets	\$ 1,930.5	\$ 2,239.6
Less: Current Portion	135.7	225.7
Total Noncurrent Regulatory Assets	\$ 1,794.8	\$ 2,013.9

Regulatory liabilities were comprised of the following items:

At December 31, (in millions)	2020	2019
Regulatory Liabilities		
Over-recovered gas and fuel costs (see Note 1-J)	\$ 47.8	\$ 42.6
Cost of removal (see Note 8)	775.2	1,047.5
Regulatory effects of accounting for income taxes (see Note 1-N and Note 11)	1,105.1	1,307.0
Deferred pension and other postretirement benefit costs (see Note 12)	69.5	64.7
Other	67.9	50.4
Total Regulatory Liabilities	\$ 2,065.5	\$ 2,512.2
Less: Current Portion	161.3	160.2
Total Noncurrent Regulatory Liabilities	\$ 1,904.2	\$ 2,352.0

Regulatory assets, including under-recovered gas and fuel costs and depreciation, of approximately \$1,260.6 million and \$1,524.3 million as of December 31, 2020 and 2019, respectively, are not earning a return on investment. These costs are recovered over a remaining life, the longest of which is 41 years.

Assets:

Unrecognized pension and other postretirement benefit costs. Represents the deferred other comprehensive income or loss of the actuarial gains or losses and the prior service costs or credits that arise during the period but that are not immediately recognized as components of net periodic benefit costs by certain subsidiaries that will ultimately be recovered through base rates.

Deferred pension and other postretirement benefit costs. Primarily relates to the difference between defined benefit plan expense recorded by certain subsidiaries due to regulatory orders and the corresponding expense that would otherwise be recorded in accordance with GAAP. The majority of these amounts are driven by Columbia of Ohio. The timeframe for the recovery of these costs will be addressed in the next base rate case, and the costs are expected to be collected through future base rates, revenue riders or tracking mechanisms.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Environmental costs. Includes certain recoverable costs related to gas plant sites, disposal sites or other sites onto which material may have migrated, the recovery of which is to be addressed in future base rates, billing riders or tracking mechanisms of certain of our subsidiaries.

Regulatory effects of accounting for income taxes. Represents the deferral and under collection of deferred taxes in the rate making process.

Under-recovered gas and fuel costs. Represents the difference between the costs of gas and fuel and the recovery of such costs in revenue and is used to adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. Recovery of these costs is achieved through tracking mechanisms.

Depreciation. Represents differences between depreciation expense incurred on a GAAP basis and that prescribed through regulatory order. The majority of this balance is driven by Columbia of Ohio's IRP and CEP deferrals. Recovery of these amounts is approved annually through the related riders.

Post-in-service carrying charges. Represents deferred debt-based carrying charges incurred on certain assets placed into service but not yet included in customer rates. The majority of this balance is driven by Columbia of Ohio's IRP and CEP deferrals.

Safety activity costs. Represents the difference between costs incurred by certain of our subsidiaries in eligible safety programs in compliance with PHMSA regulations in excess of those being recovered in rates.

DSM programs. Represents costs associated with Gas Distribution Operations and Electric Operations segments' energy efficiency and conservation programs. Costs are recovered through tracking mechanisms.

Bailly Generating Station. Represents the net book value of Units 7 and 8 of Bailly Generating Station that was retired during 2018. These amounts are currently being amortized at a rate consistent with their inclusion in customer rates.

Losses on Commodity Price Risk Programs. Represents the unrealized losses related to certain of our subsidiary's commodity price risk programs. These programs help to protect against the volatility of commodity prices and these amounts are collected from customers through their inclusion in customer rates.

Property Taxes. Represents the deferral and under collection of property taxes in the rate making process for Columbia of Ohio and is driven by the IRP and CEP deferrals.

Liabilities:

Over-recovered gas and fuel costs. Represents the difference between the cost of gas and fuel and the recovery of such costs in revenues and is the basis to adjust future billings for such refunds on a basis consistent with applicable state-approved tariff provisions. Refunding of these revenues is achieved through tracking mechanisms.

Cost of removal. Represents anticipated costs of removal for utility assets that have been collected through depreciation rates for future costs to be incurred.

Regulatory effects of accounting for income taxes. Represents amounts owed to customers for deferred taxes collected at a higher rate than the current statutory rates and liabilities associated with accelerated tax deductions owed to customers. Balance includes excess deferred taxes recorded upon implementation of the TCJA in December 2017, net of amounts amortized through 2020.

Deferred pension and other postretirement benefit costs. Primarily represents cash contributions in excess of postretirement benefit expense that is deferred by certain subsidiaries.

COVID-19 Regulatory Filings

In response to the COVID-19 pandemic, we have engaged, or have received directives from, the regulatory commissions in the states in which we operate, as described below.

Columbia of Ohio filed a Deferral Application and a Transition Plan with the PUCO on May 29, 2020. The Deferral Application requested approval to record a regulatory asset for pandemic incremental costs, foregone revenue from late payment fees, and bad debt expense from certain classes of customers. An order approving the Deferral Application was received on July 15, 2020. The Transition Plan requested the resumption of activities that were suspended in March 2020,

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

including resumption of disconnects due to non-payment and billing of late payment fees beginning with the August 2020 billing cycle. The PUCO approved the Transition Plan on June 17, 2020. As of December 31, 2020, \$2.0 million of incremental pandemic-related costs were deferred to a regulatory asset.

NIPSCO received a COVID-19 pandemic order from the IURC on June 29, 2020. This order extended the disconnection moratorium and the suspension of collection of late payment fees, deposits and reconnection fees through August 14, 2020. The order requires utilities to offer payment arrangements of at least six months and requires NIPSCO to provide the IURC with information about NIPSCO's communications with delinquent customers. On August 12, 2020, the IURC issued an order affirming the expiration of the disconnect moratorium after August 14, 2020, while requiring that six month payment plans be offered to all customers and extending the suspension for collection of late payment fees, deposits, and reconnection fees through October 12, 2020 for residential customers only. On October 7, 2020 the Office of Utility Consumer Counselor ("OUCC") filed a motion for the IURC to extend these temporary consumer protections for an additional 60 days. On October 27, the IURC issued a docket entry denying the OUCC's motion. The June 29, 2020 order also authorized NIPSCO to create a regulatory asset for pandemic-related incremental bad debt expense as well as the costs to implement the requirements of the order. As of December 31, 2020, \$9.2 million of incremental bad debt expense and costs to implement the requirements of the order were deferred to a regulatory asset.

Columbia of Pennsylvania received a secretarial letter issued by the Pennsylvania PUC on May 13, 2020 authorizing Pennsylvania utilities to create a regulatory asset for incremental bad debt expense incurred since March 13, 2020, above levels currently in rates. While Columbia of Pennsylvania is not authorized to defer any other incremental costs, it is required to track extraordinary non-recurring costs, and any offsetting benefits received, in connection with the COVID-19 pandemic. On October 13, 2020, the Pennsylvania PUC entered an order modifying its March 13, 2020 emergency order that had established a moratorium on utility service terminations. As modified, the moratorium still applies to residential customers with incomes at or below 300% of the federal poverty income guidelines ("protected customers"). For all other customers, the moratorium was lifted on November 9, 2020, but utilities must comply with several notice requirements beyond those already in place in Pennsylvania in order to proceed with service terminations. For residential customers who are subject to termination under the revised moratorium, as of December 1, 2020, the standard winter service moratorium will be in effect until April 1, 2021, which will render service termination for delinquent accounts impractical during that period. Additionally, the October 13, 2020 order authorizes utilities to create a regulatory asset for any incremental expenses incurred above those embedded in rates resulting from the directives contained in the Order. As of December 31, 2020, \$5.4 million of incremental bad debt expense was deferred to a regulatory asset.

On March 16, 2020, the VSCC ordered a moratorium on service disconnections for unpaid bills due to the effects of the COVID-19 pandemic. The order also suspended late payment fees, required utilities to offer payment plans of up to 12 months, and required utilities to provide certain information about customer accounts receivables to the VSCC. Columbia of Virginia received an order from the VSCC on April 29, 2020 authorizing Columbia of Virginia to create a regulatory asset for incremental bad debt expense, suspended late payment fees, reconnection costs, carrying costs and other incremental prudently incurred costs related to the pandemic. The VSCC moratorium expired on October 6, 2020; however, the directives requiring utilities to offer payment plans of up to 12 months and suspending service disconnections or charging of late payment fees to customers that are current on such payment plans remain in effect. On November 18, 2020, legislation was enacted that extended the moratorium on residential service disconnections and late payment fees until the Governor determines that the economic and public health conditions have improved such that the prohibition does not need to be in place, or until at least 60 days after such declared state of emergency ends, whichever is sooner. Recovery of any regulatory asset will be addressed in future base rate proceedings and is subject to an earnings test review.

On August 31, 2020, the Maryland PSC issued an emergency order that extended the Governor's order prohibiting residential service terminations through October 1, 2020. The emergency order also requires Maryland utilities that proceed with residential service terminations after that date to provide at least 45 days notice prior to terminating service; to offer structured payment plans to applicable residential customers with a minimum of 12 months to repay, or 24 months for certified low income customers; the requirement or collection of down payments or deposits as a condition of beginning a payment plan by any residential customer; and cannot refuse to negotiate or deny a payment plan to a residential customer due to such customer's failure to meet the terms and conditions of an alternate payment plan during the past 18 months. Columbia of Maryland received an order issued by the Maryland PSC on April 9, 2020, authorizing Maryland utilities to create a regulatory asset for incremental COVID-19 pandemic-related costs, including incremental bad debt expense, incurred to ensure that customers have essential utility service during the state of emergency in Maryland. Such incremental costs must be offset by any benefit

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

received in connection with the pandemic. As of December 31, 2020, Columbia of Maryland has deferred \$0.7 million of incremental bad debt expense and pandemic-related costs to a regulatory asset.

Columbia of Kentucky received an order from the Kentucky PSC on September 21, 2020 lifting the disconnection moratorium for all customers, effective October 20, 2020. The September 21, 2020 order also lifted the suspension of late payment and reconnection fees for non-residential customers as of October 20, 2020. For residential customers, the moratorium on late payment and reconnection fees is extended to December 31, 2020 and tracking of lost revenue is required. Residential customers with accumulated arrearages for service provided on or after March 16, 2020 through October 1, 2020 will be notified and placed on a default payment plan of equal installments for nine months beginning with the November 2020 billing cycle. Residential customers on a payment plan that default shall be offered another payment plan. Carrying charges may be applied to all arrearages arising during the default payment plan period at a rate no greater than the utility's long-term debt rate. The Kentucky PSC order allows Columbia of Kentucky to create a regulatory asset for carrying charges on all arrearages arising during the default payment plan period. As of December 31, 2020, an immaterial amount of carrying charges were deferred to a regulatory asset.

10. Risk Management Activities

We are exposed to certain risks related to our ongoing business operations; namely commodity price risk and interest rate risk. We recognize that the prudent and selective use of derivatives may help to lower our cost of debt capital, manage interest rate exposure and limit volatility in the price of natural gas.

Risk management assets and liabilities on our derivatives are presented on the Consolidated Balance Sheets as shown below:

December 31, (in millions)	2020	2019
Risk Management Assets - Current⁽¹⁾		
Interest rate risk programs	\$ —	\$ —
Commodity price risk programs	10.4	0.6
Total	\$ 10.4	\$ 0.6
Risk Management Assets - Noncurrent⁽²⁾		
Interest rate risk programs	\$ —	\$ —
Commodity price risk programs	2.8	3.8
Total	\$ 2.8	\$ 3.8
Risk Management Liabilities - Current		
Interest rate risk programs	\$ 70.9	\$ —
Commodity price risk programs	7.3	12.6
Total	\$ 78.2	\$ 12.6
Risk Management Liabilities - Noncurrent		
Interest rate risk programs	\$ 99.5	\$ 76.2
Commodity price risk programs	45.1	57.8
Total	\$ 144.6	\$ 134.0

⁽¹⁾Presented in "Prepayments and other" on the Consolidated Balance Sheets.

⁽²⁾Presented in "Deferred charges and other" on the Consolidated Balance Sheets.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
Commodity Price Risk Management

We, along with our utility customers, are exposed to variability in cash flows associated with natural gas purchases and volatility in natural gas prices. We purchase natural gas for sale and delivery to our retail, commercial and industrial customers, and for most customers the variability in the market price of gas is passed through in their rates. Some of our utility subsidiaries offer programs whereby variability in the market price of gas is assumed by the respective utility. The objective of our commodity price risk programs is to mitigate the gas cost variability, for us or on behalf of our customers, associated with natural gas purchases or sales by economically hedging the various gas cost components using a combination of futures, options, forwards or other derivative contracts.

NIPSCO received IURC approval to lock in a fixed price for its natural gas customers using long-term forward purchase instruments. The term of these instruments range from five to 10 years and is limited to 20% of NIPSCO's average annual GCA purchase volume. Gains and losses on these derivative contracts are deferred as regulatory liabilities or assets and are remitted to or collected from customers through NIPSCO's quarterly GCA mechanism. These instruments are not designated as accounting hedges.

Interest Rate Risk Management

As of December 31, 2020, we have two forward-starting interest rate swaps with an aggregate notional value totaling \$500.0 million to hedge the variability in cash flows attributable to changes in the benchmark interest rate during the periods from the effective dates of the swaps to the anticipated dates of forecasted debt issuances, which are expected to take place by the end of 2024. These interest rate swaps are designated as cash flow hedges. The gains and losses related to these swaps are recorded to AOCI and will be recognized in "Interest expense, net" concurrently with the recognition of interest expense on the associated debt, once issued. If it becomes probable that a hedged forecasted transaction will no longer occur, the accumulated gains or losses on the derivative will be recognized currently in "Other, net" in the Statements of Consolidated Income (Loss).

The passage of the TCJA and Greater Lawrence Incident led to significant changes to our long-term financing plan. As a result, during 2018, we settled forward-starting interest rate swaps with a notional value of \$750.0 million. These derivative contracts were accounted for as cash flow hedges. As part of the transactions, the associated net unrealized gain of \$46.2 million was recognized immediately in "Other, net" in the Statements of Consolidated Income (Loss) as it became probable the forecasted borrowing transactions would no longer occur.

There were no amounts excluded from effectiveness testing for derivatives in cash flow hedging relationships at December 31, 2020, 2019 and 2018.

Our derivative instruments measured at fair value as of December 31, 2020 and 2019 do not contain any credit-risk-related contingent features.

11. Income Taxes

Income Tax Expense. The components of income tax expense (benefit) were as follows:

Year Ended December 31, (in millions)	2020	2019	2018
Income Taxes			
Current			
Federal	\$ 0.2	\$ —	\$ —
State	11.7	5.2	8.2
Total Current	11.9	5.2	8.2
Deferred			
Federal	(0.4)	110.7	(209.4)
State	(27.4)	9.0	22.2
Total Deferred	(27.8)	119.7	(187.2)
Deferred Investment Credits	(1.2)	(1.4)	(1.0)
Income Taxes	\$ (17.1)	\$ 123.5	\$ (180.0)

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Statutory Rate Reconciliation. The following table represents a reconciliation of income tax expense at the statutory federal income tax rate to the actual income tax expense from continuing operations:

Year Ended December 31, (in millions)	2020		2019		2018	
Book income (loss) before income taxes	\$	(31.3)	\$	506.6	\$	(230.6)
Tax expense (benefit) at statutory federal income tax rate		(6.6) 21.0 %		106.5 21.0 %		(48.4) 21.0 %
Increases (reductions) in taxes resulting from:						
State income taxes, net of federal income tax benefit		(11.7) 37.4		10.1 2.0		24.7 (10.7)
Amortization of regulatory liabilities		(38.4) 122.7		(29.4) (5.8)		(29.3) 12.7
Goodwill impairment		— —		43.0 8.5		— —
Fines and penalties		11.8 (37.7)		11.5 2.3		0.2 (0.1)
Charitable contribution carryover		— —		(2.5) (0.5)		— —
State regulatory proceedings		— —		(9.5) (1.9)		(127.8) 55.4
Employee stock ownership plan dividends and other compensation		(1.3) 4.2		(2.0) (0.4)		(2.2) 1.0
Deferred taxes on TCJA regulatory liability divested		23.3 (74.5)		— —		— —
Tax accrual adjustments		8.9 (28.4)		— —		— —
Federal tax credits		(2.5) 8.0		— —		— —
Other adjustments		(0.6) 1.9		(4.2) (0.8)		2.8 (1.2)
Income Taxes	\$	(17.1) 54.6 %	\$	123.5 24.4 %	\$	(180.0) 78.1 %

The effective income tax rates were 54.6%, 24.4% and 78.1% in 2020, 2019 and 2018, respectively. The difference in tax expense year-over-year has a relative impact on the effective tax rate proportional to pretax income or loss. The 30.2% increase in effective tax rate in 2020 versus 2019 was primarily the result of lower pre-tax income, state jurisdictional mix of pre-tax loss in 2020 tax effected at statutory tax rates and increased amortization of excess deferred federal income taxes in 2020 compared to 2019. These items were offset by increased deferred tax expense recognized on the sale of Columbia of Massachusetts' regulatory liability, established due to TCJA in 2017, that would have otherwise been recognized over the amortization period, non-deductible penalties as described in Note 1, "Company Structure and Principles of Consolidation" and non-cash impairment of goodwill related to Columbia of Massachusetts in 2019 (see Note 7, "Goodwill and Other Intangible Assets" for additional information), and one-time tax accrual adjustments.

The 53.7% decrease in effective tax rate in 2019 versus 2018 was primarily the result of not having significant income tax decreases resulting from state regulatory proceedings as in 2018. Additionally, there was an increase in the effective tax rate related to the non-cash impairment of goodwill in 2019 related to Columbia of Massachusetts (see Note 7, "Goodwill and Other Intangible Assets" for additional information) and non-deductible fines and penalties related to the Greater Lawrence Incident (see Note 20, "Legal Proceedings" for additional information). The rate is also impacted by the relative impact of permanent differences on higher pre-tax income.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Net Deferred Income Tax Liability Components. Deferred income taxes result from temporary differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities. The principal components of our net deferred tax liability were as follows:

At December 31, (in millions)	2020	2019
Deferred tax liabilities		
Accelerated depreciation and other property differences	\$ 2,339.3	\$ 2,516.9
Other regulatory assets	331.8	381.5
Total Deferred Tax Liabilities	2,671.1	2,898.4
Deferred tax assets		
Other regulatory liabilities and deferred investment tax credits (including TCJA)	287.8	336.1
Pension and other postretirement/postemployment benefits	118.1	152.1
Net operating loss carryforward and AMT credit carryforward	602.1	765.9
Environmental liabilities	22.6	25.4
Other accrued liabilities	41.5	35.3
Other, net	128.4	98.3
Total Deferred Tax Assets	1,200.5	1,413.1
Net Deferred Tax Liabilities	\$ 1,470.6	\$ 1,485.3

At December 31, 2020, we have federal net operating loss carryforwards of \$520.8 million. The federal net operating loss carryforwards are available to offset taxable income and will begin to expire in 2037. In addition, we have \$7.8 million in charitable contribution carryforwards to offset future taxable income, which begin to expire in 2023. We believe it is more likely than not that we will realize the benefit from the federal net operating loss carryforwards.

We also have \$81.4 million (net) of state net operating loss carryforwards. Depending on the jurisdiction in which the state net operating loss was generated, the carryforwards will begin to expire in 2028.

We believe it is more likely than not that a portion of the benefit from certain state NOL carryforwards will not be realized. In recognition of this risk, we have provided a valuation allowance of \$6.4 million (net) on the deferred tax assets related to sale of Massachusetts Business assets (see Note 1, "Company Structure and Principles of Consolidation" for additional information) reflected in the state net operating loss carryforward presented above.

Unrecognized Tax Benefits. A reconciliation of the beginning and ending amounts of unrecognized tax benefits is as follows:

Reconciliation of Unrecognized Tax Benefits (in millions)	2020	2019	2018
Unrecognized Tax Benefits - Opening Balance	\$ 23.2	\$ 1.2	\$ 1.4
Gross decreases - tax positions in prior period	(1.5)	(0.6)	(0.4)
Gross increases - current period tax positions	—	22.6	0.2
Unrecognized Tax Benefits - Ending Balance	\$ 21.7	\$ 23.2	\$ 1.2
Offset for net operating loss carryforwards	(21.7)	(22.6)	—
Balance - Less Net Operating Loss Carryforwards	\$ —	\$ 0.6	\$ 1.2

In 2020, we resolved prior unrecognized tax benefits of \$1.5 million.

We present accrued interest on unrecognized tax benefits, accrued interest on other income tax liabilities and tax penalties in "Income Taxes" on our Statements of Consolidated Income (Loss). Interest expense recorded on unrecognized tax benefits and other income tax liabilities was immaterial for all periods presented. There were no accruals for penalties recorded in the Statements of Consolidated Income (Loss) for the years ended December 31, 2020, 2019 and 2018, and there were no balances for accrued penalties recorded on the Consolidated Balance Sheets as of December 31, 2020 and 2019.

We are subject to income taxation in the United States and various state jurisdictions, primarily Indiana, Pennsylvania, Kentucky, Massachusetts, Maryland and Virginia.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

We participate in the IRS CAP, which provides the opportunity to resolve tax matters with the IRS before filing each year's consolidated federal income tax return. As of December 31, 2020, tax years through 2019 have been audited and are effectively closed to further assessment. The audit of tax year 2020 under the CAP program is expected to be completed in 2021.

The statute of limitations in each of the state jurisdictions in which we operate remains open until the years are settled for federal income tax purposes, at which time amended state income tax returns reflecting all federal income tax adjustments are filed. As of December 31, 2020, there were no state income tax audits in progress that would have a material impact on the consolidated financial statements.

12. Pension and Other Postretirement Benefits

We provide defined contribution plans and noncontributory defined benefit retirement plans that cover certain of our employees. Benefits under the defined benefit retirement plans reflect the employees' compensation, years of service and age at retirement. Additionally, we provide health care and life insurance benefits for certain retired employees. The majority of employees may become eligible for these benefits if they reach retirement age while working for us. The expected cost of such benefits is accrued during the employees' years of service. Current rates of rate-regulated companies include postretirement benefit costs, including amortization of the regulatory assets that arose prior to inclusion of these costs in rates. For most plans, cash contributions are remitted to grantor trusts.

Our Pension and Other Postretirement Benefit Plans' Asset Management. The Board has delegated oversight of the pension and other postretirement benefit plans' assets to an Administrative & Investment Management Committee ("the Committee"). The Committee has adopted investment policy statements for the pension and other postretirement benefit plans' assets. For the pension plans, we employ a liability-driven investing strategy. A total return approach is utilized for the other postretirement benefit plans' assets. A mix of diversified investments are used to maximize the long-term return of plan assets and hedge the liabilities at a prudent level of risk. The investment portfolio includes U.S. and non-U.S. equities, real estate, long-term and intermediate-term fixed income and alternative investments. Risk tolerance is established through careful consideration of plan liabilities, funded status, and asset class volatility. Investment risk is measured and monitored on an ongoing basis through quarterly investment portfolio reviews, annual liability measurements, and periodic asset/liability studies.

In determining the expected long-term rate of return on plan assets, historical markets are studied, relationships between equities and fixed income are analyzed and current market factors, such as inflation and interest rates are evaluated with consideration of diversification and rebalancing. Our expected long-term rate of return on assets is based on assumptions regarding target asset allocations and corresponding long-term capital market assumptions for each asset class. The pension plans' investment policy calls for a gradual reduction in the allocation of return-seeking assets (equities, real estate and private equity) and a corresponding increase in the allocation of liability-hedging assets (fixed income) as the funded status of the plans' increase.

As of December 31, 2020, the asset mix and acceptable minimum and maximum ranges established by the policy for the pension and other postretirement benefit plans are as follows:

Asset Mix Policy of Funds:

Asset Category	Defined Benefit Pension Plan		Postretirement Benefit Plan	
	Minimum	Maximum	Minimum	Maximum
Domestic Equities	12%	32%	0%	55%
International Equities	6%	16%	0%	25%
Fixed Income	59%	71%	20%	100%
Real Estate	0%	7%	0%	0%
Private Equity	0%	5%	0%	0%
Short-Term Investments	0%	10%	0%	10%

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

As of December 31, 2019, the asset mix and acceptable minimum and maximum ranges established by the policy for the pension and other postretirement benefit plans were as follows:

Asset Mix Policy of Funds:

Asset Category	Defined Benefit Pension Plan		Postretirement Benefit Plan	
	Minimum	Maximum	Minimum	Maximum
Domestic Equities	12%	32%	0%	55%
International Equities	6%	16%	0%	25%
Fixed Income	59%	71%	20%	100%
Real Estate	0%	7%	0%	0%
Private Equity	0%	5%	0%	0%
Short-Term Investments	0%	10%	0%	10%

Pension Plan and Postretirement Plan Asset Mix at December 31, 2020 and December 31, 2019:

Asset Class (in millions)	Defined Benefit Pension Assets		Postretirement Benefit Plan Assets	
	Asset Value	December 31, 2020 % of Total Assets	Asset Value	December 31, 2020 % of Total Assets
Domestic Equities	\$ 446.3	21.0 %	\$ 108.8	38.0 %
International Equities	230.1	10.9 %	48.2	16.8 %
Fixed Income	1,291.2	61.0 %	122.0	42.6 %
Real Estate	52.9	2.5 %	—	—
Cash/Other	97.2	4.6 %	7.4	2.6 %
Total	\$ 2,117.7	100.0 %	\$ 286.4	100.0 %

Asset Class (in millions)	Defined Benefit Pension Assets		Postretirement Benefit Plan Assets	
	Asset Value	December 31, 2019 % of Total Assets	Asset Value	December 31, 2019 % of Total Assets
Domestic Equities	\$ 446.4	21.5 %	\$ 93.8	35.9 %
International Equities	205.0	9.9 %	40.7	15.6 %
Fixed Income	1,337.2	64.2 %	119.5	45.7 %
Real Estate	53.9	2.6 %	—	—
Cash/Other	38.4	1.8 %	7.4	2.8 %
Total	\$ 2,080.9	100.0 %	\$ 261.4	100.0 %

The categorization of investments into the asset classes in the tables above are based on definitions established by our Benefits Committee.

Fair Value Measurements. The following table sets forth, by level within the fair value hierarchy, the pension and other postretirement benefits investment assets at fair value as of December 31, 2020 and 2019. Assets are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. There were no investment assets in the pension and other postretirement benefits trusts classified within Level 3 for the years ended December 31, 2020 and 2019.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)*Valuation Techniques Used to Determine Fair Value:**Level 1 Measurements*

Most common and preferred stocks are traded in active markets on national and international securities exchanges and are valued at closing prices on the last business day of each period presented. Cash is stated at cost which approximates fair value, with the exception of cash held in foreign currencies which fluctuates with changes in the exchange rates. Short-term bills and notes are priced based on quoted market values.

Level 2 Measurements

Most U.S. Government Agency obligations, mortgage/asset-backed securities, and corporate fixed income securities are generally valued by benchmarking model-derived prices to quoted market prices and trade data for identical or comparable securities. To the extent that quoted prices are not available, fair value is determined based on a valuation model that includes inputs such as interest rate yield curves and credit spreads. Securities traded in markets that are not considered active are valued based on quoted market prices, broker or dealer quotations, or alternative pricing sources with reasonable levels of price transparency. Other fixed income includes futures and options which are priced on bid valuation or settlement pricing.

Level 3 Measurements

Investments with unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets and liabilities are classified as level 3 investments.

Not Classified

Commingled funds, private equity limited partnerships and real estate partnerships hold underlying investments that have prices derived from quoted prices in active markets and are not classified within the fair value hierarchy. Instead, these assets are measured at estimated fair value using the net asset value per share of the investments. Commingled funds' underlying assets are principally marketable equity and fixed income securities. Units held in commingled funds are valued at the unit value as reported by the investment managers. Private equity and real estate funds invest in natural resources, commercial real estate and distressed real estate. The fair value of these investments is determined by reference to the funds' underlying assets.

For the year ended December 31, 2020, there were no significant changes to valuation techniques to determine the fair value of our pension and other postretirement benefits' assets.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Fair Value Measurements at December 31, 2020:

<i>(in millions)</i>	December 31, 2020	Quoted Prices in Markets for Identical Assets (Level 1)	Active Inputs (Level 2)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:					
Cash	\$ 11.9	\$ 11.9		\$ —	\$ —
Equity securities					
U.S. equities	2.4	2.4		—	—
Fixed income securities					
Government	243.4	—		243.4	—
Corporate	692.6	—		692.6	—
Mutual Funds					
U.S. multi-strategy	161.3	161.3		—	—
International equities	55.4	55.4		—	—
Fixed income	0.1	0.1		—	—
Private equity limited partnerships⁽³⁾					
U.S. multi-strategy ⁽¹⁾	10.9	—		—	—
International multi-strategy ⁽²⁾	6.6	—		—	—
Distressed opportunities	0.3	—		—	—
Real estate	52.9	—		—	—
Commingled funds⁽³⁾					
Short-term money markets	78.8	—		—	—
U.S. equities	279.7	—		—	—
International equities	176.8	—		—	—
Fixed income	337.6	—		—	—
Pension plan assets subtotal	2,110.7	231.1		936.0	—
Other postretirement benefit plan assets:					
Mutual funds					
U.S. multi-strategy	94.8	94.8		—	—
International equities	24.1	24.1		—	—
Fixed income	121.8	121.8		—	—
Commingled funds⁽³⁾					
Short-term money markets	7.6	—		—	—
U.S. equities	14.0	—		—	—
International equities	24.1	—		—	—
Other postretirement benefit plan assets subtotal	286.4	240.7		—	—
Due to brokers, net ⁽⁴⁾	(1.6)	—		(1.6)	—
Accrued income/dividends	8.6	8.6		—	—
Total pension and other postretirement benefit plan assets	\$ 2,404.1	\$ 480.4		\$ 934.4	\$ —

⁽¹⁾This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily inside the United States.

⁽²⁾This class includes limited partnerships/fund of funds that invest in diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily outside the United States.

⁽³⁾This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.

⁽⁴⁾This class represents pending trades with brokers.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2020:

<i>(in millions)</i>	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	\$ 86.4	Daily	1 day
U.S. equities	293.7	Daily	1-5 days
International equities	200.9	Monthly	10-30 days
Fixed income	337.6	Daily	3 days
Total	\$ 918.6		

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Fair Value Measurements at December 31, 2019:

<i>(in millions)</i>	December 31, 2019	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	\$ 6.7	\$ 6.7	\$ —	\$ —
Fixed income securities				
Government	319.6	—	319.6	—
Corporate	651.8	—	651.8	—
Mutual Funds				
U.S. multi-strategy	140.5	140.5	—	—
International equities	56.9	56.9	—	—
Private equity limited partnerships ⁽³⁾				
U.S. multi-strategy ⁽¹⁾	14.0	—	—	—
International multi-strategy ⁽²⁾	8.5	—	—	—
Distressed opportunities	0.5	—	—	—
Real Estate	53.9	—	—	—
Commingled funds ⁽³⁾				
Short-term money markets	14.8	—	—	—
U.S. equities	305.9	—	—	—
International equities	148.1	—	—	—
Fixed income	351.8	—	—	—
Pension plan assets subtotal	2,073.0	204.1	971.4	—
Other postretirement benefit plan assets:				
Mutual funds				
U.S. multi-strategy	81.7	81.7	—	—
International equities	20.6	20.6	—	—
Fixed income	119.2	119.2	—	—
Commingled funds ⁽³⁾				
Short-term money markets	7.7	—	—	—
U.S. equities	12.1	—	—	—
International equities	20.1	—	—	—
Other postretirement benefit plan assets subtotal	261.4	221.5	—	—
Due to brokers, net ⁽⁴⁾	(2.8)	—	(2.8)	—
Accrued income/dividends	10.7	10.7	—	—
Total pension and other postretirement benefit plan assets	\$ 2,342.3	\$ 436.3	\$ 968.6	\$ —

⁽¹⁾This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily inside the United States.

⁽²⁾This class includes limited partnerships/fund of funds that invest in diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily outside the United States.

⁽³⁾This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.

⁽⁴⁾This class represents pending trades with brokers.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2019:

	Balance at January 1, 2019	Transfers out (Level 3) ⁽¹⁾	Balance at December 31, 2019
Private equity limited partnerships			
U.S. multi-strategy	18.5	(18.5)	—
International multi-strategy	12.5	(12.5)	—
Distress opportunities	2.4	(2.4)	—
Real estate	52.7	(52.7)	—
Total	\$ 86.1	\$ (86.1)	\$ —

⁽¹⁾Level 3 assets from 2018 were reclassified in the 2019 presentation and included within the fair value hierarchy table as of December 31, 2019 as "Not Classified" investments for which fair value is measured using net asset value per share, consistent with the definitions described above.

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2019:

<i>(in millions)</i>	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	\$ 22.5	Daily	1 day
U.S. equities	318.0	Monthly	3 days
International equities	168.2	Monthly	10-30 days
Fixed income	351.8	Daily	3 days
Total	\$ 860.5		

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Our Pension and Other Postretirement Benefit Plans' Funded Status and Related Disclosure. The following table provides a reconciliation of the plans' funded status and amounts reflected in our Consolidated Balance Sheets at December 31 based on a December 31 measurement date:

(in millions)	Pension Benefits		Other Postretirement Benefits	
	2020	2019	2020	2019
Change in projected benefit obligation⁽¹⁾				
Benefit obligation at beginning of year	\$ 2,130.5	\$ 1,981.3	\$ 576.5	\$ 492.5
Service cost	32.0	29.2	6.6	5.1
Interest cost	51.6	72.3	15.4	19.2
Plan participants' contributions	—	—	4.1	4.8
Plan amendments	—	—	—	5.1
Actuarial loss ⁽²⁾	140.1	204.3	24.8	88.8
Benefits paid	(174.5)	(156.6)	(37.0)	(39.5)
Estimated benefits paid by incurred subsidy	—	—	0.4	0.5
Spinoff to Eversource	(121.3)	—	—	—
Projected benefit obligation at end of year	\$ 2,058.4	\$ 2,130.5	\$ 590.8	\$ 576.5
Change in plan assets				
Fair value of plan assets at beginning of year	\$ 2,080.9	\$ 1,867.7	\$ 261.4	\$ 216.3
Actual return on plan assets	329.9	366.8	36.3	56.9
Employer contributions	2.9	2.9	21.6	23.0
Plan participants' contributions	—	—	4.1	4.7
Benefits paid	(174.6)	(156.5)	(37.0)	(39.5)
Spinoff to Eversource	(121.4)	—	—	—
Fair value of plan assets at end of year	\$ 2,117.7	\$ 2,080.9	\$ 286.4	\$ 261.4
Funded Status at end of year	\$ 59.3	\$ (49.6)	\$ (304.4)	\$ (315.1)
Amounts recognized in the statement of financial position consist of:				
Noncurrent assets	91.4	8.2	—	—
Current liabilities	(2.9)	(3.0)	(0.9)	(0.8)
Noncurrent liabilities	(29.2)	(54.8)	(303.5)	(314.3)
Net amount recognized at end of year⁽³⁾	\$ 59.3	\$ (49.6)	\$ (304.4)	\$ (315.1)
Amounts recognized in accumulated other comprehensive income or regulatory asset/liability⁽⁴⁾				
Unrecognized prior service credit	\$ 0.3	\$ 3.0	\$ (10.1)	\$ (10.7)
Unrecognized actuarial loss	497.2	652.8	116.4	118.4
Net amount recognized at end of year	\$ 497.5	\$ 655.8	\$ 106.3	\$ 107.7

⁽¹⁾The change in benefit obligation for Pension Benefits represents the change in Projected Benefit Obligation while the change in benefit obligation for Other Postretirement Benefits represents the change in accumulated postretirement benefit obligation.

⁽²⁾The pension actuarial loss was primarily driven by the decrease in the discount rate, offset by the change in mortality assumptions. The other postretirement benefits loss was also primarily driven by a decrease in discount rates, offset by favorable claims experienced and a change in the mortality assumptions.

⁽³⁾We recognize our Consolidated Balance Sheets underfunded and overfunded status of our various defined benefit postretirement plans, measured as the difference between the fair value of the plan assets and the benefit obligation.

⁽⁴⁾We determined that for certain rate-regulated subsidiaries the future recovery of pension and other postretirement benefits costs is probable. These rate-regulated subsidiaries recorded regulatory assets and liabilities of \$583.3 million and zero, respectively, as of December 31, 2020, and \$739.1 million and \$0.1 million, respectively, as of December 31, 2019 that would otherwise have been recorded to accumulated other comprehensive loss.

Our accumulated benefit obligation for our pension plans was \$2,036.8 million and \$2,111.5 million as of December 31, 2020 and 2019, respectively. The accumulated benefit obligation at each date is the actuarial present value of benefits attributed by the pension benefit formula to employee service rendered prior to that date and based on current and past compensation levels. The accumulated benefit obligation differs from the projected benefit obligation disclosed in the table above in that it includes no assumptions about future compensation levels.

We are required to reflect the funded status of our pension and postretirement benefit plans on the Consolidated Balance Sheet. The funded status of the plans is measured as the difference between the plan assets' fair value and the projected benefit

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

obligation. We present the noncurrent aggregate of all underfunded plans within "Accrued liability for postretirement and postemployment benefits." The portion of the amount by which the actuarial present value of benefits included in the projected benefit obligation exceeds the fair value of plan assets, payable in the next 12 months, is reflected in "Accrued compensation and other benefits." We present the aggregate of all overfunded plans within "Deferred charges and other."

Information for pension plans with a projected benefit obligation in excess of plan assets:

	December 31,	
	2020 ⁽¹⁾	2019
Accumulated Benefit Obligation	\$ 32.1	\$ 1,473.9
Funded Status		
Projected Benefit Obligation	32.1	1,492.9
Fair Value of Plan Assets	—	1,435.1
Funded Status of Underfunded Pension Plans at End of Year	\$ (32.1)	\$ (57.8)

(1)As of December 31, 2020, only our nonqualified plans were underfunded. These plans have no assets as they are not funded until benefits are paid.

Information for pension plans with plan assets in excess of the projected benefit obligation:

	December 31,	
	2020	2019
Accumulated Benefit Obligation	\$ 2,004.7	\$ 637.6
Funded Status		
Projected Benefit Obligation	2,026.3	637.6
Fair Value of Plan Assets	2,117.7	645.8
Funded Status of Overfunded Pension Plans at End of Year	\$ 91.4	\$ 8.2

Our pension plans were overfunded, in aggregate, by \$59.3 million at December 31, 2020 compared to being underfunded by \$49.6 million at December 31, 2019. The improvement in the funded status was due primarily to favorable asset returns offset by a decrease in discount rates. We contributed \$2.9 million to our pension plans in both 2020 and 2019.

Our other postretirement benefit plans were underfunded by \$304.4 million at December 31, 2020 compared to being underfunded by \$315.1 million at December 31, 2019. The change in funded status was primarily due to favorable asset returns offset by a decrease in discount rates. We contributed \$21.6 million and \$23.0 million to our other postretirement benefit plans in 2020 and 2019, respectively.

In 2020 and 2019, some of our qualified pension plans paid lump sum payouts in excess of the respective plan's service cost plus interest cost, thereby meeting the requirement for settlement accounting. We recorded settlement charges of \$10.5 million and \$9.5 million in 2020 and 2019, respectively. Net periodic pension benefit cost for 2020 was decreased by \$1.4 million as a result of the interim remeasurement.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table provides the key assumptions that were used to calculate the pension and other postretirement benefits obligations for our various plans as of December 31:

	Pension Benefits		Other Postretirement Benefits	
	2020	2019	2020	2019
Weighted-average assumptions to Determine Benefit Obligation				
Discount Rate	2.38 %	3.12 %	2.49 %	3.21 %
Rate of Compensation Increases	4.00 %	4.00 %	—	—
Interest Crediting Rates	4.00 %	4.00 %	—	—
Health Care Trend Rates				
Trend for Next Year	—	—	6.69 %	6.68 %
Ultimate Trend	—	—	4.50 %	4.50 %
Year Ultimate Trend Reached	—	—	2029	2028

We expect to make contributions of approximately \$2.9 million to our pension plans and approximately \$21.8 million to our postretirement medical and life plans in 2021.

The following table provides benefits expected to be paid in each of the next five fiscal years, and in the aggregate for the five fiscal years thereafter. The expected benefits are estimated based on the same assumptions used to measure our benefit obligation at the end of the year and include benefits attributable to the estimated future service of employees:

<i>(in millions)</i>	Pension Benefits	Other Postretirement Benefits	Federal Subsidy Receipts
Year(s)			
2021	\$ 218.8	\$ 38.4	\$ 0.4
2022	154.5	37.8	0.4
2023	149.2	37.3	0.4
2024	145.9	37.0	0.4
2025	141.3	36.6	0.3
2026-2030	621.9	172.1	1.2

The following table provides the components of the plans' actuarially determined net periodic benefits cost for each of the three years ended December 31, 2020, 2019 and 2018:

<i>(in millions)</i>	Pension Benefits			Other Postretirement Benefits		
	2020	2019	2018	2020	2019	2018
Components of Net Periodic Benefit Cost⁽¹⁾						
Service cost	\$ 32.0	\$ 29.2	\$ 31.3	\$ 6.6	\$ 5.1	\$ 5.0
Interest cost	51.6	72.3	67.1	15.4	19.2	17.6
Expected return on assets	(111.6)	(108.8)	(142.3)	(14.4)	(13.1)	(14.9)
Amortization of prior service cost (credit)	0.7	0.2	(0.4)	(2.1)	(3.2)	(4.0)
Recognized actuarial loss	33.8	45.2	40.6	4.9	2.0	3.8
Settlement/curtailment loss	10.5	9.5	18.5	1.5	—	—
Total Net Periodic Benefits Cost	\$ 17.0	\$ 47.6	\$ 14.8	\$ 11.9	\$ 10.0	\$ 7.5

⁽¹⁾Service cost is presented in "Operation and maintenance" on the Statements of Consolidated Income (Loss). Non-service cost components are presented within "Other, net."

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table provides the key assumptions that were used to calculate the net periodic benefits cost for our various plans:

	Pension Benefits			Other Postretirement Benefits		
	2020	2019	2018	2020	2019	2018
Weighted-average Assumptions to Determine Net Periodic Benefit Cost						
Discount rate - service cost	3.39 %	4.48 %	3.79 %	3.52 %	4.59 %	3.89 %
Discount rate - interest cost	2.65 %	3.84 %	3.15 %	2.76 %	3.94 %	3.27 %
Expected Long-Term Rate of Return on Plan Assets	5.70 %	6.10 %	7.00 %	5.67 %	5.83 %	5.80 %
Rate of Compensation Increases	4.00 %	4.00 %	4.00 %	—	—	—
Interest Crediting Rates	4.00 %	4.00 %	4.00 %	—	—	—

We assumed a 5.70% and 5.67% rate of return on pension and other postretirement plan assets, respectively, for our calculation of 2020 pension benefits cost. These rates were primarily based on asset mix and historical rates of return and were adjusted in 2020 due to anticipated changes in asset allocation and projected market returns.

The following table provides other changes in plan assets and projected benefit obligations recognized in other comprehensive income or regulatory asset or liability:

	Pension Benefits		Other Postretirement Benefits	
(in millions)	2020	2019	2020	2019
Other Changes in Plan Assets and Projected Benefit Obligations Recognized in Other Comprehensive Income or Regulatory Asset or Liability				
Net prior service cost	\$ —	\$ —	\$ —	\$ 5.1
Net actuarial loss (gain)	(78.2)	(53.8)	2.9	45.1
Settlements/curtailments	(10.5)	(9.5)	(1.5)	—
Less: amortization of prior service cost	(0.7)	(0.2)	2.1	3.2
Less: amortization of net actuarial loss	(33.8)	(45.2)	(4.9)	(2.0)
Less: gain attributable to spinoff to Eversource	(33.1)	—	—	—
Less: prior service cost attributable to spinoff to Eversource	(2.0)	—	—	—
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	\$ (158.3)	\$ (108.7)	\$ (1.4)	\$ 51.4
Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability	\$ (141.3)	\$ (61.1)	\$ 10.5	\$ 61.4

13. Equity

Holders of shares of our common stock are entitled to receive dividends when, as and if declared by the Board out of funds legally available. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August and November. We have certain debt covenants which could potentially limit the amount of dividends the Company could pay in order to maintain compliance with these covenants. Refer to Note 15, "Long-Term Debt," for more information. As of December 31, 2020, these covenants did not restrict the amount of dividends that were available to be paid.

Dividends paid to preferred shareholders vary based on the series of preferred stock owned. Additional information is provided below. Holders of our shares of common stock are subject to the prior dividend rights of holders of our preferred stock or the

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

depository shares representing such preferred stock outstanding, and if full dividends have not been declared and paid on all outstanding shares of preferred stock in any dividend period, no dividend may be declared or paid or set aside for payment on our common stock.

Common and preferred stock activity for 2020, 2019 and 2018 is described further below.

ATM Program and Forward Sale Agreements. On May 3, 2017, we entered into four separate equity distribution agreements, pursuant to which we were able to sell up to an aggregate of \$500.0 million of our common stock.

On November 13, 2017, under the ATM program, we executed a forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. On November 6, 2018, the forward agreement was settled for \$26.43 per share, resulting in \$167.7 million of net proceeds. The equity distribution agreements entered into on May 3, 2017 expired December 31, 2018.

On November 1, 2018, we entered into five separate equity distribution agreements pursuant to which we were able to sell up to an aggregate of \$500.0 million of our common stock. Four of these agreements were then amended on August 1, 2019 and one was terminated, pursuant to which we may sell, from time to time, up to an aggregate of \$434.4 million of our common stock.

On December 6, 2018, under the ATM program, we executed a forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. From December 6, 2018 to December 10, 2018, 4,708,098 shares were borrowed from third parties and sold by the dealer at a weighted average price of \$26.55 per share. On November 21, 2019, the forward agreement was settled for \$26.01 per share, resulting in \$122.5 million of net proceeds.

On August 12, 2019, under the ATM program, we executed a forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. From August 12, 2019 to September 13, 2019, 3,714,400 shares were borrowed from third parties and sold by the dealer at a weighted average price of \$29.26 per share. On December 11, 2019, the forward agreement was settled for \$28.83 per share, resulting in \$107.1 million of net proceeds.

On August 6, 2020, under the ATM program, we executed a forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. From August 7, 2020 to September 3, 2020, 2,809,029 shares were borrowed from third parties and sold by the dealer at a weighted average price of \$23.25 per share. On December 15, 2020, the forward agreement was settled for \$22.77 per share, resulting in \$64.0 million of net proceeds.

On September 4, 2020, under the ATM program, we executed a separate forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. From September 4, 2020 to September 16, 2020, 1,452,102 shares were borrowed from third parties and sold by the dealer at a weighted average price of \$22.28 per share. On December 15, 2020, the forward agreement was settled for \$21.82 per share, resulting in \$31.7 million of net proceeds.

The equity distribution agreements entered into on November 1, 2018 and amended on August 1, 2019 expired December 31, 2020.

The following table summarizes our activity under the ATM program:

Year Ending December 31,	2020	2019	2018
Number of shares issued	8,459,430	8,422,498	8,883,014
Average price per share	\$ 23.60	\$ 27.75	\$ 26.85
Proceeds, net of fees (<i>in millions</i>)	\$ 196.5	\$ 229.1	\$ 232.5

Private Placement of Common Stock. On May 4, 2018, we completed the sale of 24,964,163 shares of \$0.01 par value common stock at a price of \$24.28 per share in a private placement to selected institutional and accredited investors. The private placement resulted in \$606.0 million of gross proceeds or \$599.6 million of net proceeds, after deducting commissions and sale expenses. The common stock issued in connection with the private placement was registered on Form S-1, filed with the SEC on May 11, 2018.

Preferred Stock. On June 11, 2018, we completed the sale of 400,000 shares of 5.650% Series A Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (the "Series A Preferred Stock") at a price of \$1,000 per share. The transaction resulted in \$400.0 million of gross proceeds or \$393.9 million of net proceeds, after deducting commissions and sale expenses. The Series A Preferred Stock was issued in a private placement pursuant to SEC Rule 144A. On December 13, 2018, we filed a

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

registration statement with the SEC enabling holders to exchange their unregistered shares of Series A Preferred Stock for publicly registered shares with substantially identical terms.

Dividends on the Series A Preferred Stock accrue and are cumulative from the date the shares of Series A Preferred Stock were originally issued to, but not including, June 15, 2023 at a rate of 5.650% per annum of the \$1,000 liquidation preference per share. On and after June 15, 2023, dividends on the Series A Preferred Stock will accumulate for each five year period at a percentage of the \$1,000 liquidation preference equal to the five-year U.S. Treasury Rate plus (i) in respect of each five year period commencing on or after June 15, 2023 but before June 15, 2043, a spread of 2.843% (the “Initial Margin”), and (ii) in respect of each five year period commencing on or after June 15, 2043, the Initial Margin plus 1.000%. The Series A Preferred Stock may be redeemed by us at our option on June 15, 2023, or on each date falling on the fifth anniversary thereafter, or in connection with a ratings event (as defined in the Certificate of Designation of the Series A Preferred Stock).

As of December 31, 2020 and 2019, Series A Preferred Stock had \$1.0 million of cumulative preferred dividends in arrears, or \$2.51 per share.

Holders of Series A Preferred Stock generally have no voting rights, except for limited voting rights with respect to (i) potential amendments to our certificate of incorporation that would have a material adverse effect on the existing preferences, rights, powers or duties of the Series A Preferred Stock, (ii) the creation or issuance of any security ranking on a parity with the Series A Preferred Stock if the cumulative dividends payable on then outstanding Series A Preferred Stock are in arrears, or (iii) the creation or issuance of any security ranking senior to the Series A Preferred Stock. The Series A Preferred Stock does not have a stated maturity and is not subject to mandatory redemption or any sinking fund. The Series A Preferred Stock will remain outstanding indefinitely unless repurchased or redeemed by us. Any such redemption would be effected only out of funds legally available for such purposes and will be subject to compliance with the provisions of our outstanding indebtedness.

On December 5, 2018, we completed the sale of 20,000,000 depositary shares with an aggregate liquidation preference of \$500,000,000 under the Company’s registration statement on Form S-3. Each depositary share represents 1/1,000th ownership interest in a share of our 6.500% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock, liquidation preference \$25,000 per share (equivalent to \$25 per depositary share) (the “Series B Preferred Stock”). The transaction resulted in \$500.0 million of gross proceeds or \$486.1 million of net proceeds, after deducting commissions and sale expenses.

Dividends on the Series B Preferred Stock accrue and are cumulative from the date the shares of Series B Preferred Stock were originally issued to, but not including, March 15, 2024 at a rate of 6.500% per annum of the \$25,000 liquidation preference per share. On and after March 15, 2024, dividends on the Series B Preferred Stock will accumulate for each five year period at a percentage of the \$25,000 liquidation preference equal to the five-year U.S. Treasury Rate plus (i) in respect of each five year period commencing on or after March 15, 2024 but before March 15, 2044, a spread of 3.632% (the “Initial Margin”), and (ii) in respect of each five year period commencing on or after March 15, 2044, the Initial Margin plus 1.000%. The Series B Preferred Stock may be redeemed by us at our option on March 15, 2024, or on each date falling on the fifth anniversary thereafter, or in connection with a ratings event (as defined in the Certificate of Designation of the Series B Preferred Stock).

As of December 31, 2020 and 2019, Series B Preferred Stock had \$1.4 million of cumulative preferred dividends in arrears, or \$72.23 per share.

In addition, we issued 20,000 shares of “Series B-1 Preferred Stock”, par value \$0.01 per share, (“Series B-1 Preferred Stock”), as a distribution with respect to the Series B Preferred Stock. As a result, each of the depositary shares issued on December 5, 2018 now represents a 1/1,000th ownership interest in a share of Series B Preferred Stock and a 1/1,000th ownership interest in a share of Series B-1 Preferred Stock. We issued the Series B-1 Preferred Stock to enhance the voting rights of the Series B Preferred Stock to comply with the minimum voting rights policy of the New York Stock Exchange. The Series B-1 Preferred Stock is paired with the Series B Preferred Stock and may not be transferred, redeemed or repurchased except in connection with the simultaneous transfer, redemption or repurchase of a like number of shares of the underlying Series B Preferred Stock.

Holders of Series B Preferred Stock generally have no voting rights, except for limited voting rights with respect to (i) potential amendments to our certificate of incorporation that would have a material adverse effect on the existing preferences, rights, powers or duties of the Series B Preferred Stock, (ii) the creation or issuance of any security ranking on a parity with the Series B Preferred Stock if the cumulative dividends payable on then outstanding Series B Preferred Stock are in arrears, or (iii) the creation or issuance of any security ranking senior to the Series B Preferred Stock. In addition, if and whenever dividends on any shares of Series B Preferred Stock shall not have been declared and paid for at least six dividend periods, whether or not consecutive, the number of directors then constituting our Board of Directors shall automatically be increased by two until all

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

accumulated and unpaid dividends on the Series B Preferred Stock shall have been paid in full, and the holders of Series B-1 Preferred Stock, voting as a class together with the holders of any outstanding securities ranking on a parity with the Series B-1 Preferred Stock and having like voting rights that are exercisable at the time and entitled to vote thereon, shall be entitled to elect the two additional directors. The Series B Preferred Stock does not have a stated maturity and is not subject to mandatory redemption or any sinking fund. The Series B Preferred Stock will remain outstanding indefinitely unless repurchased or redeemed by us. Any such redemption would be effected only out of funds legally available for such purposes and will be subject to compliance with the provisions of our outstanding indebtedness.

The following table summarizes preferred stock by outstanding series of shares:

			Year ended December 31,			December 31,	
			2020	2019	2018	2020	2019
<i>(in millions except shares and per share amounts)</i>	Liquidation Preference Per Share	Shares	Dividends Declared Per Share			Outstanding	
5.650% Series A	\$ 1,000.00	400,000	\$ 56.50	\$ 56.50	\$ 28.88	\$ 393.9	\$ 393.9
6.500% Series B	\$ 25,000.00	20,000	\$ 1,625.00	\$ 1,674.65	\$ —	\$ 486.1	\$ 486.1

Noncontrolling Interest in Consolidated Subsidiaries. In December 2020, NIPSCO and a tax equity partner completed their initial cash contributions into the Rosewater joint venture. Earnings, tax attributes and cash flows are allocated to both NIPSCO and the tax equity partner in varying percentages by category and over the life of the partnership. The tax equity partner's contributions, net of these allocations, is represented as a noncontrolling interest within total equity on the Consolidated Balance Sheets. Refer to Note 4, "Variable Interest Entities," for more information.

14. Share-Based Compensation

Prior to May 19, 2020 we issued share-based compensation to employees and non-employee directors under the NiSource Inc. 2010 Omnibus Plan ("2010 Omnibus Plan"), which was most recently approved by stockholders at the Annual Meeting of Stockholders held on May 12, 2015. The 2010 Omnibus Plan provided for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and superseded the Director Stock Incentive Plan ("Director Plan") with respect to grants made after the effective date of the 2010 Omnibus Plan.

The stockholders approved and adopted the NiSource Inc. 2020 Omnibus Incentive Plan ("2020 Omnibus Plan") at the Annual Meeting of Stockholders held on May 19, 2020. The 2020 Omnibus Plan provides for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and supersedes the 2010 Omnibus Plan with respect to grants made after the effective date of the 2020 Omnibus Plan.

The 2020 Omnibus Plan provides that the number of shares of common stock of NiSource available for awards is 10,000,000 plus the number of shares subject to outstanding awards that expire or terminate for any reason that were granted under the 2020 Omnibus Plan, the 2010 Omnibus Plan or any other equity plan under which awards were outstanding as of May 19, 2020. At December 31, 2020, there were 10,007,832 shares available for future awards under the 2020 Omnibus Plan.

We recognized stock-based employee compensation expense of \$13.5 million, \$16.3 million and \$15.2 million, during 2020, 2019 and 2018, respectively, as well as related tax benefits of \$3.3 million, \$4.0 million and \$3.7 million, respectively. We recognized related excess tax expense from the distribution of vested share-based employee compensation of \$0.4 million in 2020 and excess tax benefits of \$0.8 million and \$1.0 million in 2019 and 2018, respectively.

As of December 31, 2020, the total remaining unrecognized compensation cost related to non-vested awards amounted to \$19.1 million, which will be amortized over the weighted-average remaining requisite service period of 1.9 years.

Restricted Stock Units and Restricted Stock. We granted 235,100, 166,031, and 158,689 restricted stock units and shares of restricted stock to employees, subject to service conditions in 2020, 2019, and 2018, respectively. The total grant date fair value of the restricted stock units and shares of restricted stock during 2020, 2019, and 2018, respectively, was \$6.1 million, \$4.1 million, and \$3.5 million based on the average market price of our common stock at the date of each grant less the present value of any dividends not received during the vesting period, which will be expensed over the vesting period which is generally three

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

years. As of December 31, 2020, 223,724, 135,170, and 119,333 non-vested restricted stock units and shares of restricted stock granted in 2020, 2019, and 2018, respectively.

If an employee terminates employment before the service conditions lapse under the 2018, 2019 or 2020 awards due to (1) retirement or disability (as defined in the award agreement), or (2) death, the service conditions will lapse on the date of such termination with respect to a pro rata portion of the restricted stock units and shares of restricted stock based upon the percentage of the service period satisfied between the grant date and the date of the termination of employment. In the event of a change in control (as defined in the award agreement), all unvested shares of restricted stock and restricted stock units awarded will immediately vest upon termination of employment occurring in connection with a change in control. Termination due to any other reason will result in all unvested shares of restricted stock and restricted stock units awarded being forfeited effective on the employee's date of termination.

A summary of our restricted stock unit award transactions for the year ended December 31, 2020 is as follows:

<i>(shares)</i>	Restricted Stock Units	Weighted Average Award Date Fair Value Per Unit (\$)
Non-vested at December 31, 2019	302,606	23.49
Granted	235,100	25.77
Forfeited	(38,220)	24.18
Vested	(21,259)	24.68
Non-vested at December 31, 2020	478,227	24.51

Employee Performance Shares. We granted 528,729 and 552,389 performance shares subject to service, performance and market-based vesting conditions in 2020 and 2019, respectively. We awarded 514,338 performance shares subject to similar service, performance and market conditions in 2018. The performance conditions are based on the achievement of one non-GAAP financial measure, relative total shareholder return and additional operational measures as outlined below.

The financial measure is cumulative net operating earnings per share ("NOEPS"), which we define as income from continuing operations adjusted for certain items. The number of cumulative NOEPS shares determined using this measure shall be increased or decreased based on our relative total shareholder return, a market-based vesting condition, which we define as the annualized growth in dividends and share price of a share of our common stock (calculated using a 20 trading day average of our closing price over the performance period, approximately) compared to the total shareholder return of a predetermined peer group of companies. A relative shareholder return result within the first quartile will result in an increase to the NOEPS shares of 25%, while a relative shareholder return result within the fourth quartile will result in a decrease of 25%. A Monte Carlo analysis was used to value the portion of these awards dependent on the market-based vesting condition. The grant date fair value of the NOEPS shares is based on the average market price of our common stock at the date of each grant less the present value of dividends not received during the vesting period, which will be expensed over the requisite service period of three years. See table below for further details on these awards.

If a threshold level of cumulative NOEPS financial performance is achieved, additional operational measures, which we refer to as the customer value framework and which consists of equally weighted areas of focus, apply. Each area of focus represents an equal portion of the customer value framework shares, and the targets for all areas of focus must be met for the customer value framework shares to vest at 100%. The grant date fair value of the customer value framework shares is based on the average market price of our common stock on the grant date of each award less the present value of dividends not received during the vesting period, which will be expensed over the requisite service period of three years for those customer value framework shares that are granted. See table below for further details on these awards.

For the 2020 awards, the customer value framework consists of four equally weighted areas of focus including safety, customer satisfaction, culture and environmental, each representing 25% of the customer value framework shares. For the 2019 and 2018 awards, the customer value framework consists of five equally weighted areas of focus including financial and all those noted for the 2020 awards, each representing 20% of the customer value framework shares.

For the 2018 awards, individual payout percentages for these shares may range from 0%-200% as determined by the compensation committee in its sole discretion. Due to this discretion, these shares are not considered to be granted under ASC

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

718. The service inception date fair value of the awards is based on the closing market price of our common stock on the service inception date of each award. This value will be reassessed at each reporting period to be based on our closing market price of our common stock at the reporting period date with adjustments to expense recorded as appropriate.

The following table presents details of the performance awards described above.

Award Year	Service Conditions Lapse date	Performance Period	Award Conditions	Shares outstanding at 12/31/2020 (shares)	Grant Date Fair Value (in millions)
2020	02/28/23	01/01/2020-12/31/2022	Non-GAAP Financial Measure	392,619	\$ 11.7
			Operational Measures	90,604	\$ 2.6
2019	02/28/22	01/01/2019-12/31/2021	Non-GAAP Financial Measure	384,680	\$ 11.7
			Operational Measures	88,769	\$ 2.5
2018	02/26/21	01/01/2018-12/31/2020	Non-GAAP Financial Measure	347,479	\$ 9.2
			Operational Measures ⁽¹⁾	80,185	\$ 2.4

⁽¹⁾ Grant date fair value amount represents the service inception date fair value of these awards as they are not yet granted.

A summary of our performance award transactions for the year ended December 31, 2020 is as follows:

(shares)	Performance Awards	Weighted Average Grant Date Fair Value Per Unit (\$) ⁽¹⁾
Non-vested at December 31, 2019	1,503,251	22.74
Granted	528,729	27.01
Forfeited	(118,716)	25.63
Vested	(528,928)	28.30
Non-vested at December 31, 2020	1,384,336	25.09

⁽¹⁾ 2018 performance shares awarded based on the customer value index are included at reporting date fair value as these awards have not been granted under ASC 718 as discussed above.

Non-employee Director Awards. As of May 19, 2020, awards to non-employee directors may be made only under the 2020 Omnibus Plan. Currently, restricted stock units are granted annually to non-employee directors, subject to a non-employee director's election to defer receipt of such restricted stock unit award. The non-employee director's annual award of restricted stock units vest on the first anniversary of the grant date subject to special pro-rata vesting rules in the event of retirement or disability (as defined in the award agreement), or death. The vested restricted stock units are payable as soon as practicable following vesting except as otherwise provided pursuant to the non-employee director's deferral election. Certain restricted stock units remain outstanding from the 2010 Omnibus Plan and the Director Plan. All such awards are fully vested and shall be distributed to the directors upon their separation from the Board.

As of December 31, 2020, 210,273 restricted stock units are outstanding to non-employee directors under either the 2020 Omnibus Plan, the 2010 Omnibus Plan or the Director Plan. Of this amount, 67,806 restricted stock units are unvested and expected to vest.

401(k) Match, Profit Sharing and Company Contribution. We have a voluntary 401(k) savings plan covering eligible employees that allows for periodic discretionary matches as a percentage of each participant's contributions payable in cash for nonunion employees and generally payable in shares of NiSource common stock for union employees, subject to collective bargaining. We also have a retirement savings plan that provides for discretionary profit sharing contributions similarly payable in cash or shares of NiSource common stock to eligible employees based on earnings results, and eligible employees hired after

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

January 1, 2010 receive a non-elective company contribution of 3% of eligible pay similarly payable in cash or shares of NiSource common stock. For the years ended December 31, 2020, 2019 and 2018, we recognized 401(k) match, profit sharing and non-elective contribution expense of \$37.8 million, \$37.5 million and \$37.6 million, respectively.

15. Long-Term Debt

Our long-term debt as of December 31, 2020 and 2019 is as follows:

Long-term debt type	Maturity as of December 31, 2020	Weighted average interest rate (%)	Outstanding balance as of December 31, <i>(in millions)</i>	
			2020	2019
Senior notes:				
NiSource	December 2021	4.45 %	—	63.6
NiSource	November 2022	2.65 %	—	500.0
NiSource	February 2023	3.85 %	—	250.0
NiSource	June 2023	3.65 %	—	350.0
NiSource	August 2025	0.95 %	1,250.0	—
NiSource	November 2025	5.89 %	—	265.0
NiSource	May 2027	3.49 %	1,000.0	1,000.0
NiSource	December 2027	6.78 %	3.0	3.0
NiSource	September 2029	2.95 %	750.0	750.0
NiSource	May 2030	3.60 %	1,000.0	—
NiSource	February 2031	1.70 %	750.0	—
NiSource	December 2040	6.25 %	152.6	250.0
NiSource	June 2041	5.95 %	347.4	400.0
NiSource	February 2042	5.80 %	250.0	250.0
NiSource	February 2043	5.25 %	500.0	500.0
NiSource	February 2044	4.80 %	750.0	750.0
NiSource	February 2045	5.65 %	500.0	500.0
NiSource	May 2047	4.38 %	1,000.0	1,000.0
NiSource	March 2048	3.95 %	750.0	750.0
Total senior notes			\$ 9,003.0	\$ 7,581.6
Medium term notes:				
NiSource	April 2022 to May 2027	7.99 %	\$ 49.0	\$ 49.0
NIPSCO	August 2022 to August 2027	7.61 %	68.0	68.0
Columbia of Massachusetts ⁽¹⁾	December 2025 to February 2028	6.37 %	15.0	40.0
Total medium term notes			\$ 132.0	\$ 157.0
Finance leases:				
NiSource Corporate Services	April 2022 to January 2025	2.19 %	49.4	22.3
NIPSCO	November 2028	1.79 %	16.0	—
Columbia of Ohio	October 2021 to March 2044	6.16 %	91.2	94.8
Columbia of Virginia	July 2029 to November 2039	6.30 %	18.4	19.1
Columbia of Kentucky	May 2027	3.79 %	0.3	0.3
Columbia of Pennsylvania	August 2027 to May 2035	5.65 %	19.7	20.7
Columbia of Massachusetts	N/A	— %	—	44.3
Total finance leases			195.0	201.5
Unamortized issuance costs and discounts			\$ (86.9)	\$ (70.5)
Total Long-Term Debt			\$ 9,243.1	\$ 7,869.6

⁽¹⁾Rate increased from 6.30% in 2019 to 6.37% in 2020 in connection with debt redemptions described below.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Details of our 2020 long-term debt related activity are summarized below:

- On April 13, 2020, we completed the issuance and sale of \$1.0 billion of 3.60% senior unsecured notes maturing in 2030, which resulted in approximately \$987.8 million of net proceeds after deducting commissions and expenses.
- On August 18, 2020, we completed the issuance and sale of \$1.25 billion of 0.95% senior unsecured notes maturing in 2025 and \$750.0 million of 1.70% senior unsecured notes maturing in 2031, which resulted in approximately \$1,980.4 million of net proceeds after deducting commissions and expenses.
- In August 2020, we executed tender offers for \$969.3 million of outstanding notes consisting of a combination of our 4.45% notes due 2021, 2.65% notes due 2022, 3.85% notes due 2023, 3.65% notes due 2023, 6.25% notes due 2040, and 5.95% notes due 2041. In August and September 2020, we redeemed \$609.3 million of outstanding notes representing the remainder of our 4.45% notes due 2021, 2.65% notes due 2022, 3.85% notes due 2023, and 3.65% notes due 2023 and all of our 5.89% notes due 2025. In conjunction with the debt retired, we recorded a \$231.8 million loss on early extinguishment of long-term debt, primarily attributable to early redemption premiums.
- In September 2020, Columbia of Massachusetts redeemed \$25.0 million of its outstanding 6.26% notes due 2028. In conjunction with the debt retired, Columbia of Massachusetts recorded an \$11.7 million loss on early extinguishment of long-term debt, primarily attributable to early redemption premiums. Under the terms of the Asset Purchase Agreement, Columbia of Massachusetts' net working capital at the closing of the sale of the Massachusetts Business was increased by 50% of the debt extinguishment costs, which was approximately \$5.3 million.

Details of our 2019 long-term debt related activity are summarized below:

- On April 1, 2019, NIPSCO repaid \$41.0 million of 5.85% pollution control bonds at maturity.
- On August 12, 2019, we completed the issuance and sale of \$750.0 million of 2.95% senior unsecured notes maturing in 2029 which resulted in approximately \$742.4 million of net proceeds after deducting commissions and expenses.

See Note 20-A, "Contractual Obligations," for the outstanding long-term debt maturities at December 31, 2020.

Unamortized debt expense, premium and discount on long-term debt applicable to outstanding bonds are being amortized over the life of such bonds.

We are subject to a financial covenant under our revolving credit facility which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of December 31, 2020, the ratio was 62.5%.

We are also subject to certain other non-financial covenants under the revolving credit facility. Such covenants include a limitation on the creation or existence of new liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets equal to \$150 million. An asset sale covenant generally restricts the sale, conveyance, lease, transfer or other disposition of our assets to those dispositions that are for a price not materially less than fair market of such assets, that would not materially impair our ability to perform obligations under the revolving credit facility, and that together with all other such dispositions, would not have a material adverse effect. The covenant also restricts dispositions to no more than 10% of our consolidated total assets on December 31, 2015. The revolving credit facility also includes a cross-default provision, which triggers an event of default under the credit facility in the event of an uncured payment default relating to any indebtedness of us or any of our subsidiaries in a principal amount of \$50.0 million or more.

Our indentures generally do not contain any financial maintenance covenants. However, our indentures are generally subject to cross-default provisions ranging from uncured payment defaults of \$5 million to \$50 million, and limitations on the incurrence of liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets capped at 10% of our consolidated net tangible assets.

16. Short-Term Borrowings

We generate short-term borrowings from our revolving credit facility, commercial paper program, accounts receivable transfer programs and now-settled term loan borrowings. Each of these borrowing sources is described further below.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

We maintain a revolving credit facility to fund ongoing working capital requirements, including the provision of liquidity support for our commercial paper program, provide for issuance of letters of credit and also for general corporate purposes. Our revolving credit facility has a program limit of \$1.85 billion and is comprised of a syndicate of banks led by Barclays. On February 20, 2019, we extended the termination date of our revolving credit facility to February 20, 2024. At December 31, 2020 and 2019, we had no outstanding borrowings under this facility.

Our commercial paper program has a program limit of up to \$1.5 billion with a dealer group comprised of Barclays, Citigroup, Credit Suisse and Wells Fargo. We had \$503.0 million and \$570.0 million of commercial paper outstanding as of December 31, 2020 and 2019, respectively.

Transfers of accounts receivable are accounted for as secured borrowings resulting in the recognition of short-term borrowings on the Consolidated Balance Sheets. We had no transfers as of December 31, 2020 and \$353.2 million in transfers as of December 31, 2019, respectively. Refer to Note 19, "Transfers of Financial Assets," for additional information.

On April 1, 2020, we terminated and repaid in full our existing \$850.0 million term loan agreement with a syndicate of banks led by MUFG Bank, Ltd. and entered into a new \$850.0 million term loan agreement with a syndicate of banks led by KeyBank National Association. Any and all outstanding borrowings under the term loan agreement were due by March 31, 2021. Interest charged on borrowings depended on the variable rate structure we elected at the time of each borrowing. The available variable rate structures from which we could choose were defined in the term loan agreement. Under the agreement, we borrowed \$850.0 million on April 1, 2020 with an interest rate of LIBOR plus 75 basis points. On October 14, 2020, we terminated and repaid in full our \$850.0 million term loan agreement with proceeds from the sale of the Massachusetts Business.

Short-term borrowings were as follows:

At December 31, (in millions)	2020		2019	
Commercial Paper weighted-average interest rate of 0.27% and 2.03% at December 31, 2020 and 2019, respectively	\$	503.0	\$	570.0
Accounts receivable securitization facility borrowings		—		353.2
Term loan interest rate of 2.40% at December 31, 2019		—	\$	850.0
Total Short-Term Borrowings	\$	503.0	\$	1,773.2

Other than for the term loan, revolving credit facility and certain commercial paper borrowings, cash flows related to the borrowings and repayments of the items listed above are presented net in the Statements of Consolidated Cash Flows as their maturities are less than 90 days.

17. Leases

We adopted the provisions of ASC 842 beginning on January 1, 2019, using the transition method provided in ASU 2018-11, which was applied to all existing leases at that date. As such, results for reporting periods beginning after January 1, 2019 will be presented under ASC 842, while prior period amounts are reported in accordance with ASC 840. ASC 842 provides lessees the option of electing an accounting policy, by class of underlying asset, in which the lessee may choose not to separate nonlease components from lease components. We elected this practical expedient for our leases of fleet vehicles, IT assets and railcars. Adoption of this standard resulted in the recording of additional lease liabilities and corresponding ROU assets of \$57.0 million on our Consolidated Balance Sheets as of January 1, 2019. The standard had no material impact on our Statements of Consolidated Income (Loss) or our Statements of Consolidated Cash Flows.

Lease Descriptions. We are the lessee for substantially all of our leasing activity, which includes operating and finance leases for corporate and field offices, railcars, fleet vehicles and certain IT assets. Our corporate and field office leases have remaining lease terms between 1 and 23 years with options to renew the leases for up to 25 years. We lease railcars to transport coal to and from our electric generation facilities in Indiana. Our railcars are specifically identified in the lease agreements and have lease terms between 1 and 2 years with options to renew for 1 year. Our fleet vehicles include trucks, trailers and equipment that have been customized specifically for use in the utility industry. We lease fleet vehicles on 1 year terms, after which we have the option to extend on a month-to-month basis or terminate with written notice. ROU assets and liabilities on our Consolidated Balance Sheets do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain (as that term is defined in ASC 842) to do

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

so. We lease the majority of our IT assets under 4 year lease terms. Ownership of leased IT assets is transferred to us at the end of the lease term.

We have not provided material residual value guarantees for our leases, nor do our leases contain material restrictions or covenants. Lease contracts containing renewal and termination options are mostly exercisable at our sole discretion. Certain of our real estate and railcar leases include renewal periods in the measurement of the lease obligation if we have deemed the renewals reasonably certain to be exercised.

With respect to service contracts involving the use of assets, if we have the right to direct the use of the asset and obtain substantially all economic benefits from the use of an asset, we account for the service contract as a lease. Unless specifically provided to us by the lessor, we utilize NiSource's collateralized incremental borrowing rate commensurate to the lease term as the discount rate for all of our leases.

Lease costs for the years ended December 31, 2020 and December 31, 2019 are presented in the table below. These costs include both amounts recognized in expense and amounts capitalized as part of the cost of another asset. Income statement presentation for these costs (when ultimately recognized on the income statement) is also included:

Year Ended December 31, <i>(in millions)</i>	Income Statement Classification	2020	2019
Finance lease cost			
Amortization of right-of-use assets	Depreciation and amortization	\$ 23.4	\$ 15.5
Interest on lease liabilities	Interest expense, net	11.1	11.3
Total finance lease cost		34.5	26.8
Operating lease cost	Operation and maintenance	20.3	17.9
Short-term lease cost	Operation and maintenance	—	1.0
Total lease cost		\$ 54.8	\$ 45.7

Our right-of-use assets and liabilities are presented in the following lines on the Consolidated Balance Sheets:

At December 31, <i>(in millions)</i>	Balance Sheet Classification	2020	2019
Assets			
Finance leases	Net Property, Plant and Equipment	\$ 176.8	\$ 179.5
Operating leases	Deferred charges and other	39.9	64.2
Total leased assets		216.7	243.7
Liabilities			
Current			
Finance leases	Current portion of long-term debt	23.3	13.4
Operating leases	Other accruals	10.3	13.2
Noncurrent			
Finance leases	Long-term debt, excluding amounts due within one year	171.7	188.1
Operating leases	Other noncurrent liabilities	29.9	51.6
Total lease liabilities		\$ 235.2	\$ 266.3

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Other pertinent information related to leases was as follows:

Year Ended December 31, <i>(in millions)</i>	2020		2019	
Cash paid for amounts included in the measurement of lease liabilities				
Operating cash flows used for finance leases	\$	11.1	\$	11.3
Operating cash flows used for operating leases		20.2		17.9
Financing cash flows used for finance leases		18.4		10.6
Right-of-use assets obtained in exchange for lease obligations				
Finance leases		59.3		26.4
Operating leases	\$	10.9	\$	13.4
	December 31, 2020		December 31, 2019	
Weighted-average remaining lease term (years)				
Finance leases		11.2		14.8
Operating leases		8.0		9.2
Weighted-average discount rate				
Finance leases		5.1 %		5.9 %
Operating leases		4.0 %		4.3 %

Maturities of our lease liabilities as of December 31, 2020 were as follows:

As of December 31, 2020, (in millions)	Total	Finance Leases	Operating Leases
2021	\$ 44.4	\$ 32.7	\$ 11.7
2022	37.4	32.2	5.2
2023	33.5	28.8	4.7
2024	25.3	20.8	4.5
2025	19.8	16.1	3.7
Thereafter	152.3	134.1	18.2
Total lease payments	312.7	264.7	48.0
Less: Imputed interest	(77.5)	(69.7)	(7.8)
Total	235.2	195.0	40.2
Reported as of December 31, 2020			
Short-term lease liabilities	33.6	23.3	10.3
Long-term lease liabilities	201.6	171.7	29.9
Total lease liabilities	\$ 235.2	\$ 195.0	\$ 40.2

There were no leases signed but not yet commenced as of December 31, 2020.

Disclosures Related to Periods Prior to Adoption of ASC 842. We lease assets in several areas of our operations including fleet vehicles and equipment, rail cars for coal delivery and certain operations centers. Payments made in connection with operating leases were \$49.1 million in 2018, and were primarily charged to operation and maintenance expense as incurred.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
18. Fair Value
A. Fair Value Measurements

Recurring Fair Value Measurements. The following tables present financial assets and liabilities measured and recorded at fair value on our Consolidated Balance Sheets on a recurring basis and their level within the fair value hierarchy as of December 31, 2020 and December 31, 2019:

Recurring Fair Value Measurements December 31, 2020 (<i>in millions</i>)	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2020
Assets				
Risk management assets	\$ —	\$ 13.2	\$ —	\$ 13.2
Available-for-sale securities	—	170.9	—	170.9
Total	\$ —	\$ 184.1	\$ —	\$ 184.1
Liabilities				
Risk management liabilities	\$ —	\$ 222.8	\$ —	\$ 222.8
Total	\$ —	\$ 222.8	\$ —	\$ 222.8

Recurring Fair Value Measurements December 31, 2019 (<i>in millions</i>)	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2019
Assets				
Risk management assets	\$ —	\$ 4.4	\$ —	\$ 4.4
Available-for-sale securities	—	154.2	—	154.2
Total	\$ —	\$ 158.6	\$ —	\$ 158.6
Liabilities				
Risk management liabilities	\$ —	\$ 146.6	\$ —	\$ 146.6
Total	\$ —	\$ 146.6	\$ —	\$ 146.6

Risk Management Assets and Liabilities. Risk management assets and liabilities include interest rate swaps, exchange-traded NYMEX futures and NYMEX options and non-exchange-based forward purchase contracts. When utilized, exchange-traded derivative contracts are based on unadjusted quoted prices in active markets and are classified within Level 1. These financial assets and liabilities are secured with cash on deposit with the exchange; therefore, nonperformance risk has not been incorporated into these valuations. Certain non-exchange-traded derivatives are valued using broker or over-the-counter, on-line exchanges. In such cases, these non-exchange-traded derivatives are classified within Level 2. Non-exchange-based derivative instruments include swaps, forwards, and options. In certain instances, these instruments may utilize models to measure fair value. We use a similar model to value similar instruments. Valuation models utilize various inputs that include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, other observable inputs for the asset or liability and market-corroborated inputs, (i.e., inputs derived principally from or corroborated by observable market data by correlation or other means). Where observable inputs are available for substantially the full term of the asset or liability, the instrument is categorized within Level 2. Certain derivatives trade in less active markets with a lower availability of pricing information and models may be utilized in the valuation. When such inputs have a significant impact on the measurement of fair value, the instrument is categorized within Level 3. Credit risk is considered in the fair value calculation of derivative instruments that are not exchange-traded. Credit exposures are adjusted to reflect collateral agreements that reduce exposures. As of December 31, 2020 and 2019, there were no material transfers between fair

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

value hierarchies. Additionally, there were no changes in the method or significant assumptions used to estimate the fair value of our financial instruments.

Credit risk is considered in the fair value calculation of each of our forward-starting interest rate swaps, as described in Note 10, "Risk Management Activities." As they are based on observable data and valuations of similar instruments, the hedges are categorized within Level 2 of the fair value hierarchy. There was no exchange of premium at the initial date of the swaps, and we can settle the contracts at any time.

NIPSCO has entered into long-term forward natural gas purchase instruments to lock in a fixed price for its natural gas customers. We value these contracts using a pricing model that incorporates market-based information when available, as these instruments trade less frequently and are classified within Level 2 of the fair value hierarchy. For additional information see Note 10, "Risk Management Activities."

Available-for-Sale Debt Securities. Available-for-sale debt securities are investments pledged as collateral for trust accounts related to our wholly-owned insurance company. We value U.S. Treasury, corporate debt and mortgage-backed securities using a matrix pricing model that incorporates market-based information. These securities trade less frequently and are classified within Level 2.

We adopted ASC 326 effective January 1, 2020. See "Recently Adopted Accounting Pronouncements" in Note 2, "Recent Accounting Pronouncements," for more information about ASC 326. Upon adoption of ASC 326, our available-for-sale debt securities impairments are recognized periodically using an allowance approach instead of an 'other than temporary' impairment model. At each reporting date, we utilize a quantitative and qualitative review process to assess the impairment of available-for-sale debt securities at the individual security level. For securities in a loss position, we evaluate our intent to sell or whether it is more-likely-than-not that we will be required to sell the security prior to the recovery of its amortized cost. If either criteria is met, the loss is recognized in earnings immediately, with the offsetting entry to the carrying value of the security. If both criteria are not met, we perform an analysis to determine whether the unrealized loss is related to credit factors. The analysis focuses on a variety of factors that include, but are not limited to, downgrade on ratings of the security, defaults in the current reporting period or projected defaults in the future, the security's yield spread over treasuries, and other relevant market data. If the unrealized loss is not related to credit factors, it is included in other comprehensive income. If the unrealized loss is related to credit factors, the loss is recognized as credit loss expense in earnings during the period, with an offsetting entry to the allowance for credit losses. The amount of the credit loss recorded to the allowance account is limited by the amount at which security's fair value is less than its amortized cost basis. If the credit losses in the allowance for credit losses are deemed uncollectible, the allowance on the uncollectible portion will be charged off, with an offsetting entry to the carrying value of the security. Subsequent improvements to the estimated credit losses of available-for-sale debt securities will be recognized immediately in earnings instead of over-time as they would under historic guidance. During the year ended December 31, 2020, we recorded \$0.5 million as an allowance for credit losses on available-for-sale debt securities as a result of the analysis described above. Continuous credit monitoring and portfolio credit balancing mitigates our risk of credit losses on our available-for-sale debt securities.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The amortized cost, gross unrealized gains and losses, allowance for credit losses, and fair value of available-for-sale securities at December 31, 2020 and 2019 were:

December 31, 2020 (in millions)	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses ⁽¹⁾	Allowance for Credit Losses	Fair Value
Available-for-sale debt securities					
U.S. Treasury debt securities	\$ 33.7	\$ 0.3	\$ —	\$ —	\$ 34.0
Corporate/Other debt securities	130.2	7.7	(0.5)	(0.5)	136.9
Total	\$ 163.9	\$ 8.0	\$ (0.5)	\$ (0.5)	\$ 170.9

December 31, 2019 (in millions)	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses ⁽²⁾	Allowance for Credit Losses	Fair Value
Available-for-sale debt securities					
U.S. Treasury debt securities	\$ 31.4	\$ 0.1	\$ (0.1)	\$ —	\$ 31.4
Corporate/Other debt securities	118.7	4.2	(0.1)	—	122.8
Total	\$ 150.1	\$ 4.3	\$ (0.2)	\$ —	\$ 154.2

⁽¹⁾ Fair value of U.S. Treasury debt securities and Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is \$0 and \$13.2 million, respectively, at December 31, 2020.

⁽²⁾ Fair value of U.S. Treasury debt securities and Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is \$17.2 million and \$12.2 million, respectively, at December 31, 2019.

Realized gains and losses on available-for-sale securities were immaterial for the year-ended December 31, 2020 and 2019.

The cost of maturities sold is based upon specific identification. At December 31, 2020, approximately \$4.9 million of U.S. Treasury debt securities and approximately \$4.3 million of Corporate/Other debt securities have maturities of less than a year.

There are no material items in the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for the years ended December 31, 2020 and 2019.

Non-recurring Fair Value Measurements. We measure the fair value of certain assets on a non-recurring basis, typically annually or when events or changes in circumstances indicate that the carrying amount of the assets may not be recoverable. These assets include goodwill and other intangible assets.

The sale of the Massachusetts Business occurred on October 9, 2020, and the assets and liabilities of the Massachusetts Business were measured at fair value, less costs to sell. Our estimated total pre-tax loss for the year ended December 31, 2020 is \$412.4 million.

At December 31, 2019, we recorded an impairment charge of \$204.8 million for goodwill and an impairment charge of \$209.7 million for franchise rights, in each case related to Columbia of Massachusetts. For additional information, see Note 7, "Goodwill and Other Intangible Assets."

B. Other Fair Value Disclosures for Financial Instruments. The carrying amount of cash and cash equivalents, restricted cash, notes receivable, customer deposits and short-term borrowings is a reasonable estimate of fair value due to their liquid or short-term nature. Our long-term borrowings are recorded at historical amounts.

The following method and assumptions were used to estimate the fair value of each class of financial instruments.

Long-term debt. The fair value of outstanding long-term debt is estimated based on the quoted market prices for the same or similar securities. Certain premium costs associated with the early settlement of long-term debt are not taken into consideration in determining fair value. These fair value measurements are classified within Level 2 of the fair value hierarchy. For the years ended December 31, 2020 and 2019, there was no change in the method or significant assumptions used to estimate the fair value of long-term debt.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The carrying amount and estimated fair values of these financial instruments were as follows:

At December 31, <i>(in millions)</i>	Carrying Amount 2020	Estimated Fair Value 2020	Carrying Amount 2019	Estimated Fair Value 2019
Long-term debt (including current portion)	\$ 9,243.1	\$ 11,034.2	\$ 7,869.6	\$ 8,764.4

19. Transfers of Financial Assets

Columbia of Ohio, NIPSCO and Columbia of Pennsylvania each maintain a receivables agreement whereby they transfer their customer accounts receivables to third party financial institutions through wholly-owned and consolidated special purpose entities. The three agreements expire between May 2021 and October 2021 and may be further extended if mutually agreed to by the parties thereto.

All receivables transferred to third parties are valued at face value, which approximates fair value due to their short-term nature. The amount of the undivided percentage ownership interest in the accounts receivables transferred is determined in part by required loss reserves under the agreements.

Transfers of accounts receivable are accounted for as secured borrowings resulting in the recognition of short-term borrowings on the Consolidated Balance Sheets. As of December 31, 2020, the maximum amount of debt that could be recognized related to our accounts receivable programs is \$380.0 million.

The following table reflects the gross receivables balance and net receivables transferred as well as short-term borrowings related to the securitization transactions as of December 31, 2020 and 2019:

At December 31, <i>(in millions)</i>	2020	2019
Gross receivables	\$ 607.7	\$ 569.1
Less: receivables not transferred	607.7	215.9
Net receivables transferred	\$ —	\$ 353.2
Short-term debt due to asset securitization	\$ —	\$ 353.2

During 2020 and 2019, \$353.2 million and \$46.0 million, respectively, was recorded as cash flows used for financing activities related to the change in short-term borrowings due to securitization transactions. Fees associated with the securitization transactions were \$2.6 million for the years ended December 31, 2020, 2019 and 2018. Columbia of Ohio, NIPSCO and Columbia of Pennsylvania remain responsible for collecting on the receivables securitized, and the receivables cannot be transferred to another party.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
20. Other Commitments and Contingencies

A. Contractual Obligations. We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at December 31, 2020 and their maturities were:

<i>(in millions)</i>	Total	2021	2022	2023	2024	2025	After
Long-term debt ⁽¹⁾	\$ 9,135.0	\$ —	\$ 30.0	\$ —	\$ —	\$ 1,260.0	\$ 7,845.0
Interest payments on long-term debt	6,046.3	336.3	335.7	334.1	334.1	334.1	4,372.0
Finance leases ⁽²⁾	264.7	32.7	32.2	28.8	20.8	16.1	134.1
Operating leases ⁽³⁾	48.0	11.7	5.2	4.7	4.5	3.7	18.2
Energy commodity contracts	42.1	42.1	—	—	—	—	—
Service obligations:							
Pipeline service obligations ⁽⁴⁾	1,495.6	468.7	422.5	256.0	150.5	56.2	141.7
IT service obligations	240.3	74.9	74.0	38.1	30.5	22.8	—
Other service obligations ⁽⁵⁾	12.6	12.6	—	—	—	—	—
Other liabilities ⁽⁶⁾	116.9	26.0	0.8	90.1	—	—	—
Total contractual obligations	\$ 17,401.5	\$ 1,005.0	\$ 900.4	\$ 751.8	\$ 540.4	\$ 1,692.9	\$ 12,511.0

⁽¹⁾ Long-term debt balance excludes unamortized issuance costs and discounts of \$86.9 million.

⁽²⁾ Finance lease payments shown above are inclusive of interest totaling \$69.7 million.

⁽³⁾ Operating lease payments shown above are inclusive of interest totaling \$7.8 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain (as that term is defined in ASC 842) to do so as they are renewed month-to-month after the first year. If we were to continue the fleet vehicle leases outstanding at December 31, 2020, payments would be \$30.0 million in 2021, \$27.7 million in 2022, \$24.9 million in 2023, \$22.0 million in 2024, \$19.0 million in 2025 and \$21.5 million thereafter.

⁽⁴⁾ In February 2021, the demand rate increased for our pipeline service obligations, resulting in a total increase of \$638.6 million in addition to our future pipeline service obligations shown above.

⁽⁵⁾ On February 9, 2021, a rail transportation contract for the transportation of coal was fully executed between NIPSCO and a counterparty, replacing the prior agreement. The minimum coal tonnage shipment commitment for 2021 was eliminated under the new agreement, reducing our contractual obligation for 2021 by \$12.1 million.

⁽⁶⁾ Other liabilities shown above are inclusive of the Rosewater Developer payment due in 2023.

Purchase and Service Obligations. We have entered into various purchase and service agreements whereby we are contractually obligated to make certain minimum payments in future periods. Our purchase obligations are for the purchase of physical quantities of natural gas, electricity and coal. Our service agreements encompass a broad range of business support and maintenance functions which are generally described below.

Our subsidiaries have entered into various energy commodity contracts to purchase physical quantities of natural gas, electricity and coal. These amounts represent the minimum quantity of these commodities we are obligated to purchase at both fixed and variable prices. To the extent contractual purchase prices are variable, obligations disclosed in the table above are valued at market prices as of December 31, 2020.

NIPSCO has power purchase arrangements representing a total of 500 MW of wind power, with contracts expiring between between 2024 and 2040. No minimum quantities are specified within these agreements due to the variability of electricity generation from wind, so no amounts related to these contracts are included in the table above. Upon early termination of one of these agreements by NIPSCO for any reason (other than material breach by the counterparties), NIPSCO may be required to pay a termination charge that could be material depending on the events giving rise to termination and the timing of the termination.

We have pipeline service agreements that provide for pipeline capacity, transportation and storage services. These agreements, which have expiration dates ranging from 2021 to 2038, require us to pay fixed monthly charges.

NIPSCO has contracts with three major rail operators providing for coal transportation services for which there are certain minimum payments. These service contracts extend for various periods through 2021.

We have executed agreements with multiple IT service providers. The agreements extend for various periods through 2025.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

B. Guarantees and Indemnities. We and certain subsidiaries enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries as part of normal business. Such agreements include guarantees and stand-by letters of credit. These agreements are entered into primarily to support or enhance the creditworthiness otherwise attributed to a subsidiary on a stand-alone basis, thereby facilitating the extension of sufficient credit to accomplish the subsidiaries' intended commercial purposes. At December 31, 2020 and 2019, we had issued stand-by letters of credit of \$15.2 million and \$10.2 million, respectively, for the benefit of third parties.

We have provided guarantees related to our future performance under BTAs for our renewable generation projects. At December 31, 2020, our guarantees for the Rosewater and Indiana Crossroads BTAs totaled \$40.7 million. The amount of each guaranty will decrease upon the substantial completion of the construction of the facilities. See "- E. Other Matters - NIPSCO 2018 Integrated Resource Plan," below for more information.

C. Legal Proceedings. On September 13, 2018, a series of fires and explosions occurred in Lawrence, Andover and North Andover, Massachusetts related to the delivery of natural gas by Columbia of Massachusetts (the "Greater Lawrence Incident"). The Greater Lawrence Incident resulted in one fatality and a number of injuries, damaged multiple homes and businesses, and caused the temporary evacuation of significant portions of each municipality. The Massachusetts Governor's Office declared a state of emergency, authorizing the Massachusetts DPU to order another utility company to coordinate the restoration of utility services in Lawrence, Andover and North Andover. The incident resulted in the interruption of gas for approximately 7,500 gas meters, the majority of which served residences and approximately 700 of which served businesses, and the interruption of other utility service more broadly in the area. Columbia of Massachusetts has replaced the cast iron and bare steel gas pipeline system in the affected area and restored service to nearly all of the gas meters. See "- E. Other Matters - Greater Lawrence Pipeline Replacement" below for more information. On September 1, 2020, the Massachusetts Governor terminated the state of emergency declared following the Greater Lawrence Incident.

We have been subject to state and federal inquiries and investigations by government authorities and regulatory agencies regarding the Greater Lawrence Incident, including the Massachusetts DPU and the Massachusetts Attorney General's Office. On February 26, 2020, the Company and Columbia of Massachusetts entered into agreements with the U.S. Attorney's Office for the District of Massachusetts to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident, as described below. The Company and Columbia of Massachusetts entered into an agreement with the Massachusetts Attorney General's Office (among other parties) to resolve the Massachusetts DPU and the Massachusetts Attorney General's Office investigations, that was approved by the Massachusetts DPU on October 7, 2020 as part of the sale of the Massachusetts Business to Eversource.

NTSB Investigation. As previously disclosed, the NTSB concluded its investigation into the Greater Lawrence Incident. On November 24, 2020, the NTSB closed NiSource's one remaining open safety recommendation.

U.S. Department of Justice Investigation. On February 26, 2020, the Company and Columbia of Massachusetts entered into agreements with the U.S. Attorney's Office to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident. Columbia of Massachusetts agreed to plead guilty in the United States District Court for the District of Massachusetts (the "Court") to violating the Natural Gas Pipeline Safety Act (the "Plea Agreement"), and the Company entered into a Deferred Prosecution Agreement (the "DPA").

On March 9, 2020, Columbia of Massachusetts entered its guilty plea pursuant to the Plea Agreement, which the Court accepted. Subsequently, Columbia of Massachusetts and the U.S. Attorney's Office modified the Plea Agreement. On June 23, 2020, the Court sentenced Columbia of Massachusetts in accordance with the terms of the modified Plea Agreement. Under the modified Plea Agreement, Columbia of Massachusetts is subject to the following terms, among others: (i) a criminal fine in the amount of \$53,030,116, which has been paid; (ii) a three year probationary period that will terminate early upon a sale of Columbia of Massachusetts or a sale of its gas distribution business to a qualified third-party buyer consistent with certain requirements, but in no event before the end of the one-year mandatory period of probation; (iii) compliance with each of the NTSB recommendations stemming from the Greater Lawrence Incident; and (iv) employment of an in-house monitor until the end of the term of probation or until the sale of Columbia of Massachusetts or its gas distribution business, whichever is earlier. On October 13, 2020, the Court, upon agreement of the U.S. Attorney's Office and Columbia Gas of Massachusetts, modified the terms of probation by ending the term of the in-house monitor.

Under the DPA, the U.S. Attorney's Office agreed to defer prosecution of the Company in connection with the Greater Lawrence Incident for a three-year period (which three-year period may be extended for twelve (12) months upon the U.S.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Attorney's Office's determination of a breach of the DPA) subject to certain obligations of the Company, including, but not limited to, the following: (i) the Company will use reasonable best efforts to sell Columbia of Massachusetts or Columbia of Massachusetts' gas distribution business to a qualified third-party buyer consistent with certain requirements, and, upon the completion of any such sale, the Company will cease and desist any and all gas pipeline and distribution activities in the District of Massachusetts; (ii) the Company will forfeit and pay, within 30 days of the later of the sale becoming final or the date on which post-closing adjustments to the purchase price are finally determined in accordance with the agreement to sell Columbia of Massachusetts or its gas distribution business, a fine equal to the total amount of the profit or gain, if any, from any sale of Columbia of Massachusetts or its gas distribution business, with the amount of profit or gain determined as provided in the DPA; and (iii) the Company agrees as to each of the Company's subsidiaries involved in the distribution of gas through pipeline facilities in Massachusetts, Indiana, Ohio, Pennsylvania, Maryland, Kentucky and Virginia to implement and adhere to each of the recommendations from the NTSB stemming from the Greater Lawrence Incident. Pursuant to the DPA, if the Company complies with all of its obligations under the DPA, including, but not limited to those identified above, the U.S. Attorney's Office will not file any criminal charges against the Company related to the Greater Lawrence Incident. If Columbia of Massachusetts withdraws its plea for any reason, if the Court rejects any aspect of the Plea Agreement, or if Columbia of Massachusetts should fail to perform an obligation under the Plea Agreement prior to the sale of Columbia of Massachusetts or its gas distribution business, the U.S. Attorney's Office may, at its sole option, render the DPA null and void. The sale of the Massachusetts Business was completed on October 9, 2020. The Company was not required to forfeit or pay any funds because the Company did not realize a profit or gain from the sale as provided in the DPA.

U.S. Federal Government Activity. On December 27, 2020, the Protecting Our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act of 2020 was signed into law reauthorizing funding for federal pipeline safety programs through September 30, 2023. Among other things, the PIPES Act requires that PHMSA revise the pipeline safety regulations to require operators to update, as needed, their existing distribution integrity management plans, emergency response plans, and O&M plans. The PIPES Act also requires PHMSA to adopt new requirements for managing records and updating, as necessary existing district regulator stations to eliminate common modes of failure that can lead to overpressurization. PHMSA must also require that operators implement leak detection and repair programs that meet safety needs and consider the environment, require the use of advance leak detection practices and technologies, and require operators to be able to locate and categorize all leaks that are hazardous to human safety or the environment, or that can become hazardous. Natural gas companies, including the Company, may see increased costs depending on how PHMSA implements the new mandates resulting from the PIPES Act.

Private Actions. Various lawsuits, including several purported class action lawsuits, have been filed by various affected residents or businesses in Massachusetts state courts against the Company and/or Columbia of Massachusetts in connection with the Greater Lawrence Incident.

On July 26, 2019, the Company, Columbia of Massachusetts and NiSource Corporate Services Company, a subsidiary of the Company, entered into a term sheet with the class action plaintiffs under which they agreed to settle the class action claims in connection with the Greater Lawrence Incident. Columbia of Massachusetts agreed to pay \$143 million into a settlement fund to compensate the settlement class and the settlement class agreed to release Columbia of Massachusetts and affiliates from all claims arising out of or related to the Greater Lawrence Incident. The following claims are not covered under the proposed settlement because they are not part of the consolidated class action: (1) physical bodily injury and wrongful death; (2) insurance subrogation, whether equitable, contractual or otherwise; and (3) claims arising out of appliances that are subject to the Massachusetts DPU orders. Emotional distress and similar claims are covered under the proposed settlement unless they are secondary to a physical bodily injury. The settlement class is defined under the term sheet as all persons and businesses in the three municipalities of Lawrence, Andover and North Andover, Massachusetts, subject to certain limited exceptions. The motion for preliminary approval and the settlement documents were filed on September 25, 2019. The preliminary approval court hearing was held on October 7, 2019 and the court issued an order granting preliminary approval of the settlement on October 11, 2019. The Court granted final approval of the settlement on March 12, 2020.

With respect to claims not included in the consolidated class action, many of the asserted wrongful death and bodily injury claims have settled, and we continue to discuss potential settlements with remaining claimants. The outcomes and impacts of such private actions are uncertain at this time.

Shareholder Derivative Lawsuit. On April 28, 2020, a shareholder derivative lawsuit was filed by the City of Detroit Police and Fire Retirement System in the United States District Court for the District of Delaware against certain of our current and former directors, alleging breaches of fiduciary duty with respect to the pipeline safety management systems relating to the distribution of natural gas prior to the Greater Lawrence Incident and also including claims related to our proxy statement

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

disclosures regarding our safety systems. The remedies sought include damages for the alleged breaches of fiduciary duty, corporate governance reforms, and restitution of any unjust enrichment. The defendants have filed a motion to dismiss the lawsuit. The motion to dismiss is fully briefed. On January 5, 2021, the judge set the defendants' motion to dismiss for oral argument on March 2, 2021. Because of the preliminary nature of this lawsuit, we are not able to estimate a loss or range of loss, if any, that may be incurred in connection with this matter at this time.

Financial Impact. Since the Greater Lawrence Incident, we have recorded expenses of approximately \$1,036 million for third-party claims and fines, penalties and settlements associated with government investigations. We estimate that total costs related to third-party claims and fines, penalties and settlements associated with government investigations resulting from the incident will range from \$1,036 million to \$1,050 million, depending on the number, nature, final outcome and value of third-party claims. With regard to third-party claims, these costs include, but are not limited to, personal injury and property damage claims, damage to infrastructure, business interruption claims, and mutual aid payments to other utilities assisting with the restoration effort. These costs do not include costs of certain third-party claims and fines, penalties or settlements associated with government investigations that we are not able to estimate. These costs also do not include non-claims related and government investigation-related legal expenses resulting from the incident, the capital cost of the pipeline replacement and the payment in lieu of penalties, which are set forth in " - D. Other Matters - Greater Lawrence Incident Restoration," "- Greater Lawrence Incident Pipeline Replacement," and Note 1-A, "Company Structure and Principles of Consolidation," respectively.

The process for estimating costs associated with third-party claims relating to the Greater Lawrence Incident requires management to exercise significant judgment based on a number of assumptions and subjective factors. As more information becomes known, management's estimates and assumptions regarding the financial impact of the Greater Lawrence Incident may change.

The aggregate amount of third-party liability insurance coverage available for losses arising from the Greater Lawrence Incident is \$800 million. We collected the entire \$800 million as of December 31, 2019. Total expenses related to the incident have exceeded the total amount of insurance coverage available under our policies. Refer to " - E. Other Matters - Greater Lawrence Incident Restoration," below for a summary of third-party claims-related expense activity and associated insurance recoveries recorded since the Greater Lawrence Incident.

We are also party to certain other claims, regulatory and legal proceedings arising in the ordinary course of business in each state in which we have operations, none of which is deemed to be individually material at this time.

Due to the inherent uncertainty of litigation, there can be no assurance that the resolution of any particular claim, proceeding or investigation related to the Greater Lawrence Incident or otherwise would not have a material adverse effect on our results of operations, financial position or liquidity. Certain matters in connection with the Greater Lawrence Incident have had or may have a material impact as described above. If one or more of such additional or other matters were decided against us, the effects could be material to our results of operations in the period in which we would be required to record or adjust the related liability and could also be material to our cash flows in the periods that we would be required to pay such liability.

D. Environmental Matters. Our operations are subject to environmental statutes and regulations related to air quality, water quality, hazardous waste and solid waste. We believe we are, in all material respects, in compliance with the environmental regulations currently applicable to our operations.

It is management's continued intent to address environmental issues in cooperation with regulatory authorities in such a manner as to achieve mutually acceptable compliance plans. However, there can be no assurance that fines and penalties will not be incurred. Management expects a significant portion of environmental assessment, improvement and remediation costs to be recoverable through rates for certain of our companies.

As of December 31, 2020 and 2019, we had recorded a liability of \$92.6 million and \$104.4 million, respectively, to cover environmental remediation at various sites. The current portion of this liability is included in "Other Accruals" in the Consolidated Balance Sheets. The noncurrent portion is included in "Other noncurrent liabilities." We recognize costs associated with environmental remediation obligations when the incurrence of such costs is probable and the amounts can be reasonably estimated. The original estimates for remediation activities may differ materially from the amount ultimately expended. The actual future expenditures depend on many factors, including currently enacted laws and regulations, the nature and extent of impact and the method of remediation. These expenditures are not currently estimable at some sites. We periodically adjust our liability as information is collected and estimates become more refined.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Electric Operations' compliance estimates disclosed below are reflective of NIPSCO's Integrated Resource Plan submitted to the IURC on October 31, 2018. See section " - E. Other Matters - NIPSCO 2018 Integrated Resource Plan," below for additional information.

Air

Future legislative and regulatory programs could significantly limit allowed GHG emissions or impose a cost or tax on GHG emissions. Additionally, rules that require further GHG reductions or impose additional requirements for natural gas facilities could impose additional costs. NiSource will carefully monitor all GHG reduction proposals and regulations.

ACE Rule. On July 8, 2019, the EPA published the final ACE rule, which establishes emission guidelines for states to use when developing plans to limit carbon dioxide at coal-fired electric generating units based on heat rate improvement measures. The U.S. Court of Appeals for the D.C. Circuit vacated and remanded the rule on January 19, 2021. NIPSCO will continue to monitor this matter.

Waste

CERCLA. Our subsidiaries are potentially responsible parties at waste disposal sites under the CERCLA (commonly known as Superfund) and similar state laws. Under CERCLA, each potentially responsible party can be held jointly, severally and strictly liable for the remediation costs as the EPA, or state, can allow the parties to pay for remedial action or perform remedial action themselves and request reimbursement from the potentially responsible parties. Our affiliates have retained CERCLA environmental liabilities, including remediation liabilities, associated with certain current and former operations. These liabilities are not material to the Consolidated Financial Statements.

MGP. A program has been instituted to identify and investigate former MGP sites where Gas Distribution Operations subsidiaries or predecessors may have liability. The program has identified 54 such sites where liability is probable. Remedial actions at many of these sites are being overseen by state or federal environmental agencies through consent agreements or voluntary remediation agreements.

We utilize a probabilistic model to estimate our future remediation costs related to MGP sites. The model was prepared with the assistance of a third party and incorporates our experience and general industry experience with remediating MGP sites. We complete an annual refresh of the model in the second quarter of each fiscal year. No material changes to the estimated future remediation costs were noted as a result of the refresh completed as of June 30, 2020. Our total estimated liability related to the facilities subject to remediation was \$85.0 million and \$102.2 million at December 31, 2020 and 2019, respectively. The liability represents our best estimate of the probable cost to remediate the facilities. We believe that it is reasonably possible that remediation costs could vary by as much as \$20 million in addition to the costs noted above. Remediation costs are estimated based on the best available information, applicable remediation standards at the balance sheet date, and experience with similar facilities.

CCRs. On April 17, 2015, the EPA issued a final rule for regulation of CCRs. The rule regulates CCRs under the RCRA Subtitle D, which determines them to be nonhazardous. The rule is implemented in phases and requires increased groundwater monitoring, reporting, recordkeeping and posting of related information to the Internet. The rule also establishes requirements related to CCR management and disposal. The rule will allow NIPSCO to continue its byproduct beneficial use program.

To comply with the rule, NIPSCO completed capital expenditures in 2019 to modify its infrastructure and manage CCRs. The CCR rule also resulted in revisions to previously recorded legal obligations associated with the retirement of certain NIPSCO facilities. The actual asset retirement costs related to the CCR rule may vary substantially from the estimates used to record the increased asset retirement obligation due to the uncertainty about the requirements that will be established by environmental authorities, compliance strategies that will be used and the preliminary nature of available data used to estimate costs. As allowed by the rule, NIPSCO will continue to collect data over time to determine the specific compliance solutions and associated costs and, as a result, the actual costs may vary. NIPSCO will also continue to work with EPA and the Indiana Department of Environmental Management to obtain administrative approvals associated with the CCR rule. In the event that the approvals are not obtained, future operations could be impacted. We believe the possibility of such an outcome is remote.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)**E. Other Matters.**

NIPSCO 2018 Integrated Resource Plan. NIPSCO concluded in its October 2018 Integrated Resource Plan submission that NIPSCO's current fleet of coal generation facilities will be retired earlier than previous Integrated Resource Plans had indicated. The Integrated Resource Plan evaluated demand-side and supply-side resource alternatives to reliably and cost effectively meet NIPSCO customers' future energy requirements over the ensuing 20 years. The preferred option within the Integrated Resource Plan retires the R.M. Schahfer Generating Station by mid-2023 and the Michigan City Generating Station by the end of 2028. These units represent 2,080 MW of generating capacity, equal to 72% of NIPSCO's remaining generating capacity and 100% of NIPSCO's remaining coal-fired generating capacity. NIPSCO will refresh its 2018 Integrated Resource Plan in 2021.

In the second quarter of 2020, the MISO approved NIPSCO's plan to retire the R.M. Schahfer Generating Station in 2023. In accordance with ASC 980-360, the net book value of certain plant and equipment for the R.M. Schahfer Generating Station was reclassified as "Non-Utility and Other" as described in Note 6, "Property, Plant and Equipment." The December 2019, NIPSCO electric rate case order included approval to create a regulatory asset upon the retirement of the R.M. Schahfer Generating Station. The order allows for the recovery of and on the net book value of the station by the end of 2032. Refer to Note 6, "Property, Plant and Equipment" for further information.

In connection with the MISO's approval of NIPSCO's planned retirement of the R.M. Schahfer Generating Station, we recorded \$4.6 million of plant retirement-related charges in the second quarter of 2020. These charges are presented within "Operation and maintenance" and were comprised of write downs of certain capital projects that have been cancelled and materials and supplies inventory balances deemed obsolete due to the planned retirement. As more information becomes available, the retirement date of the R.M. Schahfer Generating Station will be finalized, and additional plant retirement-related charges may be incurred. In February 2021, NIPSCO decided to submit modified Attachment Y Notices to MISO requesting accelerated retirement of two of the four coal fired units at R.M. Schahfer Generating Station. The two units are now expected to be retired by the end of 2021, with the remaining two units still scheduled to be retired in 2023. At retirement, the net book value of the retired units will be reclassified from "Non-Utility and Other property", to current and long-term "Regulatory Assets," as described above.

In connection with the planned retirement of the Schahfer Generating Station and the Michigan City Generating Station, the current capacity replacement plan includes lower-cost, reliable, cleaner energy resources to be obtained through a combination of NIPSCO ownership and PPAs. To this effect, NIPSCO has entered into a number of agreements with counterparties.

NIPSCO has executed several PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. Each facility supplying the energy will have an associated nameplate capacity, and payments under the PPAs will not begin until the associated generation facility is constructed by the owner/seller. NIPSCO has also executed several BTAs with developers to construct renewable generation facilities. NIPSCO's purchase requirement under the BTAs is dependent on satisfactory approval of the BTA by the IURC, successful execution of an agreement with a tax equity partner and timely completion of construction. NIPSCO and the tax equity partner are obligated to make cash contributions to the partnership at the date construction is substantially complete. Once the tax equity partner has earned their negotiated rate of return and we have reached the agreed upon contractual date, NIPSCO has the option to purchase at fair market value from the tax equity partner the remaining interest in the aforementioned joint venture.

Greater Lawrence Incident Restoration. In addition to the amounts estimated for third-party claims and fines, penalties and settlements associated with government investigations described above, we have recorded expenses for other incident-related costs. Such costs include certain consulting costs, legal costs, vendor costs, claims center costs, labor and related expenses incurred in connection with the incident, and insurance-related loss surcharges. These amounts do not include the capital cost of the pipeline replacement, which is set forth below.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table summarizes expenses incurred and insurance recoveries recorded since the Greater Lawrence Incident. This activity is presented within "Operation and maintenance" and "Other, net" in our Statements of Consolidated Income (Loss).

(in millions)	Total Costs Incurred through	Year Ended	Incident to Date
	December 31, 2019	December 31, 2020	
Third-party claims and government fines, penalties and settlements	\$ 1,041	\$ (5)	\$ 1,036
Other incident-related costs	420	22	442
Total	1,461	17	1,478
Insurance recoveries recorded	(800)	—	(800)
Total costs incurred	\$ 661	\$ 17	\$ 678

As discussed in "C. Legal Proceedings," the aggregate amount of third-party liability insurance coverage available for losses arising from the Greater Lawrence Incident is \$800 million. While we collected the entire \$800 million, expenses related to the incident exceeded the total amount of insurance coverage available under our policies.

The following table summarizes the total estimated incident-related expenses.

(in millions)	Current Total Estimated Amount
Third-party claims and government fines, penalties and settlements	\$1,036 - \$1,050
Other incident-related costs	\$445 - \$450

Greater Lawrence Pipeline Replacement. In connection with the Greater Lawrence Incident, Columbia of Massachusetts, in cooperation with the Massachusetts Governor's office, replaced the entire affected pipeline system. We invested approximately \$258 million of capital spend for the pipeline replacement; this work was completed in 2019. We maintain property insurance for gas pipelines and other applicable property. Columbia of Massachusetts has filed a proof of loss with its property insurer for the pipeline replacement. In January 2020, we filed a lawsuit against the property insurer, seeking payment of our property claim. We are currently unable to predict the timing or amount of any insurance recovery under the property policy. Refer to Note 1-A, "Company Structure and Principles of Consolidation," for more information.

State Income Taxes Related to Greater Lawrence Incident Expenses. As of December 31, 2018, expenses related to the Greater Lawrence Incident were \$1,023 million. In the fourth quarter of 2019, we filed an application for Alternative Apportionment with the MA DOR to request an allocable approach to these expenses for purposes of Massachusetts state income taxes, which, if approved, would result in a state deferred tax asset of approximately \$50 million, net. The MA DOR issued a denial during the first quarter of 2020. We filed an application for abatement in the second quarter of 2020, resulting in a hearing with the MA DOR during the fourth quarter of 2020. We believe it is reasonably possible that an alternative method will be proposed by the MA DOR during the first half of 2021.

Voluntary Separation Program. On August 5, 2020, we commenced a voluntary separation program for certain employees. Expense for the voluntary separation program was predominantly recognized in the third quarter of 2020, when the employees accepted the offer, absent a retention period. For employees that have a retention period, expense will be recognized over the remaining service period. Employee acceptance under the voluntary separation program was determined by management based on facts and circumstances of the benefits being offered. The total severance expense for employees who were accepted under the voluntary separation program offered in August 2020 is approximately \$38 million, which will be recognized over the remaining service period of the applicable employees. A rollforward of the voluntary separation program accrual for the year ended December 31, 2020 is presented below:

(in millions)	Balance as of January 1, 2020	Changes Attributable to Costs Incurred ⁽¹⁾	Costs Paid	Adjustments	Balance as of December 31, 2020 ⁽²⁾
Voluntary Separation Program	\$ —	33.5	\$ (21.2)	(1.2)	\$ 11.1

⁽¹⁾This activity is presented within "Operation and maintenance" in our Statements of Consolidated Income (Loss).

⁽²⁾This activity is presented within "Accrued compensation and employee benefits" in our Consolidated Balance Sheets.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

21. Accumulated Other Comprehensive Loss

The following table displays the activity of Accumulated Other Comprehensive Loss, net of tax:

<i>(in millions)</i>	Gains and Losses on Securities ⁽¹⁾	Gains and Losses on Cash Flow Hedges ⁽¹⁾	Pension and OPEB Items ⁽¹⁾	Accumulated Other Comprehensive Loss ⁽¹⁾
Balance as of January 1, 2018	\$ 0.2	\$ (29.4)	\$ (14.2)	\$ (43.4)
Other comprehensive income (loss) before reclassifications	(3.0)	55.8	(4.4)	48.4
Amounts reclassified from accumulated other comprehensive loss	0.4	(33.1)	—	(32.7)
Net current-period other comprehensive income (loss)	(2.6)	22.7	(4.4)	15.7
Reclassification due to adoption of ASU 2018-02	—	(6.3)	(3.2)	(9.5)
Balance as of December 31, 2018	\$ (2.4)	\$ (13.0)	\$ (21.8)	\$ (37.2)
Other comprehensive income (loss) before reclassifications	6.1	(64.3)	2.3	(55.9)
Amounts reclassified from accumulated other comprehensive loss	(0.4)	0.1	0.8	0.5
Net current-period other comprehensive income (loss)	5.7	(64.2)	3.1	(55.4)
Balance as of December 31, 2019	\$ 3.3	\$ (77.2)	\$ (18.7)	\$ (92.6)
Other comprehensive income (loss) before reclassifications	3.3	(70.8)	2.9	(64.6)
Amounts reclassified from accumulated other comprehensive loss	(0.6)	0.1	1.0	0.5
Net current-period other comprehensive income (loss)	2.7	(70.7)	3.9	(64.1)
Balance as of December 31, 2020	\$ 6.0	\$ (147.9)	\$ (14.8)	\$ (156.7)

⁽¹⁾All amounts are net of tax. Amounts in parentheses indicate debits.

22. Other, Net

Year Ended December 31, <i>(in millions)</i>	2020	2019	2018
Interest income	\$ 5.5	\$ 7.7	\$ 6.6
AFUDC equity	9.9	8.0	14.2
Charitable contributions ⁽¹⁾	(1.5)	(5.1)	(45.3)
Pension and other postretirement non-service cost ⁽²⁾	9.3	(16.5)	18.0
Sale of emission reduction credits	4.6	—	—
Interest rate swap settlement gain ⁽³⁾	—	—	46.2
Miscellaneous	4.3	0.7	3.8
Total Other, net	\$ 32.1	\$ (5.2)	\$ 43.5

⁽¹⁾ 2018 charitable contributions include \$20.7 million related to the Greater Lawrence Incident and \$20.0 million of discretionary contributions made to the NiSource Charitable Foundation. See Note 20, "Other Commitments and Contingencies" for additional information on the Greater Lawrence Incident.

⁽²⁾ See Note 12, "Pension and Other Postretirement Benefits" for additional information.

⁽³⁾ See Note 10, "Risk Management Activities" for additional information.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
23. Interest Expense, Net

Year Ended December 31, (in millions)	2020	2019	2018
Interest on long-term debt	\$ 354.2	\$ 327.7	\$ 342.2
Interest on short-term borrowings	14.7	50.8	31.8
Debt discount/cost amortization	9.1	8.3	7.7
Accounts receivable securitization fees	2.6	2.6	2.6
Allowance for borrowed funds used and interest capitalized during construction	(7.0)	(7.5)	(9.1)
Debt-based post-in-service carrying charges	(14.6)	(18.7)	(35.0)
Other	11.7	15.7	13.1
Total Interest Expense, net	\$ 370.7	\$ 378.9	\$ 353.3

24. Segments of Business

At December 31, 2020, our operations are divided into two primary reportable segments, the Gas Distribution Operations and the Electric Operations segment. The remainder of our operations, which are not significant enough on a stand-alone basis to warrant treatment as an operating segment, are presented as "Corporate and Other" and primarily are comprised of interest expense on holding company debt, and unallocated corporate costs and activities. Refer to Note 3, "Revenue Recognition," for additional information on our segments and their sources of revenues. The following table provides information about our reportable segments. We use operating income as our primary measurement for each of the reported segments and make decisions on finance, dividends and taxes at the corporate level on a consolidated basis. Segment revenues include intersegment sales to affiliated subsidiaries, which are eliminated in consolidation. Affiliated sales are recognized on the basis of prevailing market, regulated prices or at levels provided for under contractual agreements. Operating income is derived from revenues and expenses directly associated with each segment.

Year Ended December 31, (in millions)	2020	2019	2018
Operating Revenues			
Gas Distribution Operations			
Unaffiliated	\$ 3,128.1	\$ 3,509.7	\$ 3,406.4
Intersegment	12.1	13.1	13.1
Total	3,140.2	3,522.8	3,419.5
Electric Operations			
Unaffiliated	1,535.9	1,698.4	1,707.4
Intersegment	0.7	0.8	0.8
Total	1,536.6	1,699.2	1,708.2
Corporate and Other			
Unaffiliated	17.7	0.8	0.7
Intersegment	449.8	468.1	517.6
Total	467.5	468.9	518.3
Eliminations	(462.6)	(482.0)	(531.5)
Consolidated Operating Revenues	\$ 4,681.7	\$ 5,208.9	\$ 5,114.5

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Year Ended December 31, <i>(in millions)</i>	2020	2019	2018
Operating Income (Loss)			
Gas Distribution Operations ⁽¹⁾	\$ 199.1	\$ 675.4	\$ (254.1)
Electric Operations	348.8	406.8	386.1
Corporate and Other ⁽²⁾	2.9	(191.5)	(7.3)
Consolidated Operating Income	\$ 550.8	\$ 890.7	\$ 124.7
Depreciation and Amortization			
Gas Distribution Operations	\$ 363.1	\$ 403.2	\$ 301.0
Electric Operations	321.3	277.3	262.9
Corporate and Other	41.5	36.9	35.7
Consolidated Depreciation and Amortization	\$ 725.9	\$ 717.4	\$ 599.6
Assets			
Gas Distribution Operations	\$ 13,433.0	\$ 14,224.5	\$ 13,527.0
Electric Operations	6,443.1	6,027.6	5,735.2
Corporate and Other	2,164.4	2,407.7	2,541.8
Consolidated Assets	\$ 22,040.5	\$ 22,659.8	\$ 21,804.0
Capital Expenditures⁽³⁾			
Gas Distribution Operations	\$ 1,266.9	\$ 1,380.3	\$ 1,315.3
Electric Operations	422.8	468.9	499.3
Corporate and Other	31.1	18.6	—
Consolidated Capital Expenditures	\$ 1,720.8	\$ 1,867.8	\$ 1,814.6

⁽¹⁾In 2020, Gas Distribution Operations reflects the loss of \$412.4 million on the sale of the Massachusetts Business. For additional information, see Note 1, "Nature of Operations and Summary of Significant Accounting Policies".

⁽²⁾In 2019, Corporate and Other reflects an impairment charge of \$204.8 million for goodwill related to Columbia of Massachusetts. For additional information, see Note 7, "Goodwill and Other Intangible Assets."

⁽³⁾Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
25. Quarterly Financial Data (Unaudited)

Quarterly financial data does not always reveal the trend of our business operations due to nonrecurring items and seasonal weather patterns, which affect earnings and related components of revenue and operating income.

<i>(in millions, except per share data)</i>	First Quarter ⁽¹⁾	Second Quarter ⁽²⁾	Third Quarter ⁽³⁾	Fourth Quarter ⁽⁴⁾
2020				
Operating Revenues	\$ 1,605.5	\$ 962.7	\$ 902.5	\$ 1,211.0
Operating Income	148.2	91.7	92.8	218.1
Net Income (Loss)	75.6	(4.7)	(172.9)	87.8
Net income attributable to noncontrolling interest	—	—	—	3.4
Net Income (Loss) attributable to NiSource	75.6	(4.7)	(172.9)	84.4
Preferred Dividends	(13.8)	(13.8)	(13.8)	(13.7)
Net Income (Loss) Available to Common Shareholders	61.8	(18.5)	(186.7)	70.7
Earnings (Loss) Per Share				
Basic Earnings (Loss) Per Share	\$ 0.16	\$ (0.05)	\$ (0.49)	\$ 0.18
Diluted Earnings (Loss) Per Share	\$ 0.16	\$ (0.05)	\$ (0.49)	\$ 0.18
2019				
Operating Revenues	\$ 1,869.8	\$ 1,010.4	\$ 931.5	\$ 1,397.2
Operating Income (Loss)	374.2	463.5	91.0	(38.0)
Net Income (Loss)	218.9	296.9	6.6	(139.3)
Preferred Dividends	(13.8)	(13.8)	(13.8)	(13.7)
Net Income (Loss) Available to Common Shareholders	205.1	283.1	(7.2)	(153.0)
Earnings (Loss) Per Share				
Basic Earnings (Loss) Per Share	\$ 0.55	\$ 0.76	\$ (0.02)	\$ (0.41)
Diluted Earnings (Loss) Per Share	\$ 0.55	\$ 0.75	\$ (0.02)	\$ (0.41)

⁽¹⁾ Net income for the first quarter of 2020 was impacted by \$280.2 million loss on sale of the Massachusetts Business. Net income for the first quarter of 2019 was impacted by \$108.0 million in insurance recoveries (pretax) related to the Greater Lawrence Incident. See Note 1, "Company Structure and Principles of Consolidation" and Note 20-E, "Other Matters" for additional information.

⁽²⁾ Net income for the second quarter of 2020 was impacted by an additional \$84.4 million loss on sale of the Massachusetts Business. Net income for the second quarter of 2019 was impacted by \$297.0 million in insurance recoveries (pretax) related to the Greater Lawrence Incident. See Note 1, "Company Structure and Principles of Consolidation" and Note 20-E, "Other Matters" for additional information.

⁽³⁾ Net loss for the third quarter of 2020 was impacted by \$243.4 million loss on early extinguishments of long-term debt. See Note 15, "Long-Term Debt" for additional information.

⁽⁴⁾ Net loss for the fourth quarter of 2019 was impacted by an impairment charge of \$204.8 million for goodwill and an impairment charge of \$209.7 million for franchise rights, in each case related to Columbia of Massachusetts. For additional information, see Note 7, "Goodwill and Other Intangible Assets."

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
26. Supplemental Cash Flow Information

The following table provides additional information regarding our Consolidated Statements of Cash Flows for the years ended December 31, 2020, 2019 and 2018:

Year Ended December 31, <i>(in millions)</i>	2020	2019	2018
Supplemental Disclosures of Cash Flow Information			
Non-cash transactions:			
Capital expenditures included in current liabilities	\$ 170.4	\$ 223.6	\$ 152.0
Assets acquired under a finance lease	59.3	26.4	54.6
Assets acquired under an operating lease	10.9	13.4	—
Reclassification of other property to regulatory assets ⁽¹⁾	—	—	245.3
Assets recorded for asset retirement obligations ⁽²⁾	91.5	54.6	78.1
Obligation to developer at formation of joint venture ⁽³⁾	69.7	—	—
Schedule of interest and income taxes paid:			
Cash paid for interest, net of interest capitalized amounts	\$ 349.0	\$ 349.7	\$ 354.2
Cash paid for income taxes, net of refunds ⁽⁴⁾	(1.0)	10.8	3.3

⁽¹⁾See Note 9 "Regulatory Matters" for additional information.

⁽²⁾See Note 8 "Asset Retirement Obligations" for additional information.

⁽³⁾Represents investing non-cash activity. See Note 4 "Variable Interest Entities" for additional information.

⁽⁴⁾Amount of refunds in 2020 was greater than the amount of tax payments due to overpayments in 2019.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)
NISOURCE INC.
SCHEDULE II – VALUATION AND QUALIFYING ACCOUNTS
Twelve months ended December 31, 2020

(\$ in millions)	Balance Jan. 1, 2020	Additions		Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2020
		Charged to Costs and Expenses	Charged to Other Account ⁽¹⁾		
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	\$ 19.2	\$ 31.6	\$ 33.0	\$ 31.5	\$ 52.3
Reserve for other investments	3.0	—	—	3.0	—

Twelve months ended December 31, 2019

		Additions			
(\$ in millions)	Balance Jan. 1, 2019	Charged to Costs and Expenses	Charged to Other Account ⁽¹⁾	Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2019
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	\$ 21.1	\$ 21.6	\$ 41.3	\$ 64.8	\$ 19.2
Reserve for other investments	3.0	—	—	—	3.0

Twelve months ended December 31, 2018

		Additions			
	Balance Jan. 1, 2018	Charged to Costs and Expenses	Charged to Other Account ⁽¹⁾	Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2018
<i>(\$ in millions)</i>					
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	\$ 18.3	\$ 20.2	\$ 43.7	\$ 61.1	\$ 21.1
Reserve for other investments	3.0	—	—	—	3.0

⁽¹⁾ Charged to Other Accounts reflects the deferral of bad debt expense to a regulatory asset.

NI SOURCE INC.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Our chief executive officer and chief financial officer are responsible for evaluating the effectiveness of disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)). Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by the Company in reports that are filed or submitted under the Exchange Act are accumulated and communicated to management, including our chief executive officer and chief financial officer, as appropriate, to allow timely decisions regarding required disclosure and is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Based upon that evaluation, our chief executive officer and chief financial officer concluded that, as of the end of the period covered by this report, disclosure controls and procedures were effective to provide reasonable assurance that financial information was processed, recorded and reported accurately.

Management's Annual Report on Internal Control over Financial Reporting

Our management, including our chief executive officer and chief financial officer, are responsible for establishing and maintaining internal control over financial reporting, as such term is defined under Rule 13a-15(f) or Rule 15d-15(f) promulgated under the Exchange Act. However, management would note that a control system can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Our management has adopted the 2013 framework set forth in the Committee of Sponsoring Organizations of the Treadway Commission report, Internal Control - Integrated Framework, the most commonly used and understood framework for evaluating internal control over financial reporting, as its framework for evaluating the reliability and effectiveness of internal control over financial reporting. During 2020, we conducted an evaluation of our internal control over financial reporting. Based on this evaluation, management concluded that our internal control over financial reporting was effective as of the end of the period covered by this annual report.

Deloitte & Touche LLP, our independent registered public accounting firm, issued an attestation report on our internal controls over financial reporting which is included herein.

Changes in Internal Controls

There have been no changes in our internal control over financial reporting during the most recently completed quarter covered by this report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

ITEM 9A. CONTROLS AND PROCEDURES

NiSOURCE INC.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the shareholders and the Board of Directors of NiSource Inc.

Opinion on Internal Control over Financial Reporting

We have audited the internal control over financial reporting of NiSource Inc. and subsidiaries (the “Company”) as of December 31, 2020, based on criteria established in *Internal Control — Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2020, based on criteria established in *Internal Control — Integrated Framework (2013)* issued by COSO.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated financial statements as of and for the year ended December 31, 2020, of the Company and our report dated February 17, 2021, expressed an unqualified opinion on those financial statements.

Basis for Opinion

The Company’s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management’s Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company’s internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control over Financial Reporting

A company’s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company’s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company’s assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ DELOITTE & TOUCHE LLP

Columbus, Ohio

February 17, 2021

ITEM 9B. OTHER INFORMATION

NISOURCE INC.

Not applicable.

PART III

NI SOURCE INC.

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Except for the information required by this item with respect to our executive officers included at the end of Part I of this report on Form 10-K, the information required by this Item 10 is incorporated herein by reference to the discussion in "Proposal 1 Election of Directors," "Corporate Governance," and "Delinquent Section 16(a) Reports" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 25, 2021.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Item 11 is incorporated herein by reference to the discussion in "Corporate Governance - Compensation Committee Interlocks and Insider Participation," "Director Compensation," "Executive Compensation," and "Executive Compensation - Compensation Committee Report," of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 25, 2021.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this Item 12 is incorporated herein by reference to the discussion in "Security Ownership of Certain Beneficial Owners and Management" and "Equity Compensation Plan Information" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 25, 2021.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this Item 13 is incorporated herein by reference to the discussion in "Corporate Governance - Policies and Procedures with Respect to Transactions with Related Persons" and "Corporate Governance - Director Independence" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 25, 2021.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The information required by this Item 14 is incorporated herein by reference to the discussion in "Independent Registered Public Accounting Firm Fees" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 25, 2021.

PART IV**NISOURCE INC.****ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES****Financial Statements and Financial Statement Schedules**

The following financial statements and financial statement schedules filed as a part of the Annual Report on Form 10-K are included in Item 8, "Financial Statements and Supplementary Data."

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Exhibits

The exhibits filed herewith as a part of this report on Form 10-K are listed on the Exhibit Index below. Each management contract or compensatory plan or arrangement of ours, listed on the Exhibit Index, is separately identified by an asterisk.

Pursuant to Item 601(b), paragraph (4)(iii)(A) of Regulation S-K, certain instruments representing long-term debt of our subsidiaries have not been included as Exhibits because such debt does not exceed 10% of the total assets of ours and our subsidiaries on a consolidated basis. We agree to furnish a copy of any such instrument to the SEC upon request.

EXHIBIT NUMBER	DESCRIPTION OF ITEM
(1.1)	Form of Equity Distribution Agreement (incorporated by reference to Exhibit 1.1 to the NiSource Inc. Form 8-K filed on November 1, 2018).
(1.2)	Form of Master Forward Sale Confirmation (incorporated by reference to Exhibit 1.2 to the NiSource Inc. Form 8-K filed on November 1, 2018).
(2.1)	Separation and Distribution Agreement, dated as of June 30, 2015, by and between NiSource Inc. and Columbia Pipeline Group, Inc. (incorporated by reference to Exhibit 2.1 to the NiSource Inc. Form 8-K filed on July 2, 2015).
(2.2)	Asset Purchase Agreement, dated as of February 26, 2020, by and among NiSource Inc., Bay State Gas Company d/b/a Columbia Gas of Massachusetts and Eversource Energy (incorporated by reference to Exhibit 2.1 of the NiSource Inc. Form 8-K filed on February 27, 2020).***
(3.1)	Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 to the Registrant's Form 10-Q , filed with the Commission on August 3, 2015).
(3.2)	Certificate of Amendment of Amended and Restated Certificate of Incorporation of NiSource dated May 7, 2019 (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-K filed on May 8, 2019).
(3.3)	Bylaws of NiSource Inc., as amended and restated through January 26, 2018 (incorporated by reference to Exhibit 3.1 to the NiSource Inc. Form 8-K filed on January 26, 2018).
(3.4)	Certificate of Designations of 5.65% Series A Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-K filed on June 12, 2018).
(3.5)	Form of Certificate of Designations of 6.50% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-K filed on November 29, 2018).
(3.6)	Certificate of Designations of 6.50% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-K filed on December 6, 2018).

- (3.7) Certificate of Designations of Series B-1 Preferred Stock (incorporated by reference to [Exhibit 3.1 to the NiSource Inc. Form 8-K](#) filed on December 27, 2018).

- (4.1) Indenture, dated as of March 1, 1988, by and between Northern Indiana Public Service Company ("NIPSCO") and Manufacturers Hanover Trust Company, as Trustee (incorporated by reference to Exhibit 4 to the NIPSCO Registration Statement (Registration No. 33-44193)).
- (4.2) First Supplemental Indenture, dated as of December 1, 1991, by and between Northern Indiana Public Service Company and Manufacturers Hanover Trust Company, as Trustee (incorporated by reference to Exhibit 4.1 to the NIPSCO Registration Statement (Registration No. 33-63870)).
- (4.3) Indenture Agreement, dated as of February 14, 1997, by and between NIPSCO Industries, Inc., NIPSCO Capital Markets, Inc. and Chase Manhattan Bank as trustee (incorporated by reference to Exhibit 4.1 to the NIPSCO Industries, Inc. Registration Statement (Registration No. 333-22347)).
- (4.4) Second Supplemental Indenture, dated as of November 1, 2000, by and among NiSource Capital Markets, Inc., NiSource Inc., New NiSource Inc., and The Chase Manhattan Bank, as trustee (incorporated by reference to Exhibit 4.45 to the NiSource Inc. Form 10-K for the period ended December 31, 2000).
- (4.5) Indenture, dated November 14, 2000, among NiSource Finance Corp., NiSource Inc., as guarantor, and The Chase Manhattan Bank, as Trustee (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form S-3, dated November 17, 2000 (Registration No. 333-49330)).
- (4.6) Form of 3.490% Notes due 2027 (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on May 17, 2017).
- (4.7) Form of 4.375% Notes due 2047 (incorporated by reference to [Exhibit 4.2 to the NiSource Inc. Form 8-K](#) filed on May 17, 2017).
- (4.8) Form of 3.950% Notes due 2048 (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on September 8, 2017).
- (4.9) Form of 2.650% Notes due 2022 (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on November 14, 2017).
- (4.10) Second Supplemental Indenture, dated as of November 30, 2017, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to [Exhibit 4.4 to Post-Effective Amendment No. 1 to Form S-3](#) filed November 30, 2017 (Registration No. 333-214360)).
- (4.11) Third Supplemental Indenture, dated as of November 30, 2017, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to [Exhibit 4.2 to the NiSource Inc. Form 8-K](#) filed on December 1, 2017).
- (4.12) Second Supplemental Indenture, dated as of February 12, 2018, between Northern Indiana Public Service Company and The Bank of New York Mellon, solely as successor trustee under the Indenture dated as of March 1, 1988 between the Company and Manufacturers Hanover Trust Company, as original trustee. (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 10-Q](#) filed on May 2, 2018).

- (4.13) Third Supplemental Indenture, dated as of June 11, 2018, by and between NiSource Inc. and The Bank of New York Mellon, as trustee (including form of 3.650% Notes due 2023) (incorporated by reference to [Exhibit 4.1 of the NiSource Inc. Form 8-K](#) filed on June 12, 2018).

- (4.14) Deposit Agreement, dated as of December 5, 2018, among NiSource, Inc., Computershare Inc. and Computershare Trust Company, N.A., acting jointly as depository, and the holders from time to time of the depository receipts described therein (incorporated by reference to [Exhibit 4.1 of the NiSource Inc. Form 8-K](#) filed on December 6, 2018).

- (4.15) Form of Depositary Receipt (incorporated by reference to [Exhibit 4.1 of the NiSource Inc. Form 8-K](#) filed on December 6, 2018).

- (4.16) Amended and Restated Deposit Agreement, dated as of December 27, 2018, among NiSource, Inc., Computershare Inc. and Computershare Trust Company, N.A., acting jointly as depository, and the holders from time to time of the depository receipts described therein (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on December 27, 2018).

- (4.17) Form of Depositary Receipt (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on December 27, 2018).

- (4.18) Form of 2.950% Notes due 2029 (incorporated by reference to [Exhibit 4.1 to NiSource Inc. Form 8-K](#) filed on August 12, 2019).
- (4.19) Amended and Restated NiSource Inc. Employee Stock Purchase Plan (incorporated by [reference to Exhibit C to the Registrant's Definitive Proxy Statement on Schedule 14A](#), filed with the Commission on April 1, 2019).
- (4.20) Description of NiSource Inc.'s Securities Registered Under Section 12 of the Exchange Act. (incorporated by reference to [Exhibit 4.20 of the NiSource Form 10-K](#) filed on February 28, 2020)
- (4.21) Form of 3.600% Notes due 2030 (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on April 8, 2020).
- (4.22) Form of 0.950% Notes due 2025 (incorporated by reference to [Exhibit 4.1 to the NiSource Inc. Form 8-K](#) filed on August 18, 2020).
- (4.23) Form of 1.700% Notes due 2031 (incorporated by reference to [Exhibit 4.2 to the NiSource Inc. Form 8-K](#) filed on August 18, 2020).
- (10.1) 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit B to the NiSource Inc. Definitive Proxy Statement to Stockholders](#) for the Annual Meeting held on May 11, 2010, filed on April 2, 2010).*
- (10.2) First Amendment to the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.2 to the NiSource Inc. Form 10-K](#) filed on February 18, 2014).*
- (10.3) 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit C to the NiSource Inc. Definitive Proxy Statement to Stockholders](#) for the Annual Meeting held on May 12, 2015, filed on April 7, 2015).*
- (10.4) Second Amendment to the NiSource Inc. 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.1 to the NiSource Inc. Form 8-K](#) filed October 23, 2015).*
- (10.5) Form of Amended and Restated 2013 Performance Share Agreement effective on implementation of the spin-off on July 1, 2015, (under the 2010 Omnibus Incentive Plan) (incorporated by reference to [Exhibit 10.1 to the NiSource Inc. Form 10-Q](#) filed on November 3, 2015).*
- (10.6) Form of Amended and Restated 2014 Performance Share Agreement effective on the implementation of the spin-off on July 1, 2015, (under the 2010 Omnibus Incentive Plan) (incorporated by reference to [Exhibit 10.2 to the NiSource Inc. Form 10-Q](#) filed on November 3, 2015).*
- (10.7) Form of Amendment to Restricted Stock Unit Award Agreement related to Vested but Unpaid NiSource Restricted Stock Unit Awards for Nonemployee Directors of NiSource entered into as of July 13, 2015 (incorporated by reference to [Exhibit 10.3 to the NiSource Inc. Form 10-Q](#) filed on November 3, 2015).*
- (10.8) NiSource Inc. Nonemployee Director Retirement Plan, as amended and restated effective May 13, 2008 (incorporated by reference to [Exhibit 10.2 to the NiSource Inc. Form 10-K](#) filed on February 27, 2009).*
- (10.9) Supplemental Life Insurance Plan effective January 1, 1991, as amended, (incorporated by reference to Exhibit 2 to the NIPSCO Industries, Inc. Form 8-K filed on March 25, 1992).*
- (10.10) Revised Form of Change in Control and Termination Agreement (incorporated by reference to [Exhibit 10.2 to the NiSource Inc. Form 8-K](#) filed on October 23, 2015).*
- (10.11) Form of Restricted Stock Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.18 to the NiSource Inc. Form 10-K](#) filed on February 28, 2011).*
- (10.12) Form of Restricted Stock Unit Award Agreement for Non-employee directors under the Non-employee Director Stock Incentive Plan (incorporated by reference to [Exhibit 10.19 to the NiSource Inc. Form 10-K](#) filed on February 28, 2011).*
- (10.13) Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.1 to NiSource Inc. Form 10-Q](#) filed on August 2, 2011).*
- (10.14) Form of Restricted Stock Unit Award Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.17 to the NiSource Inc. Form 10-K](#) filed on February 22, 2017).*
- (10.15) Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.18 to the NiSource Inc. Form 10-K](#) filed on February 22, 2017).*

- (10.16) Amended and Restated NiSource Inc. Executive Deferred Compensation Plan effective November 1, 2012 (incorporated by reference to [Exhibit 10.21 to the NiSource Inc. Form 10-K](#) filed on February 19, 2013).*
- (10.17) NiSource Inc. Executive Severance Policy, as amended and restated, effective January 1, 2015 (incorporated by reference to [Exhibit 10.21 to the NiSource Inc. Form 10-K](#) filed on February 18, 2015).*
- (10.18) Note Purchase Agreement, dated as of August 23, 2005, by and among NiSource Finance Corp., as issuer, NiSource Inc., as guarantor, and the purchasers named therein (incorporated by reference to [Exhibit 10.1 to the NiSource Inc. Current Report on Form 8-K](#) filed on August 26, 2005).
- (10.19) Amendment No. 1, dated as of November 10, 2008, to the Note Purchase Agreement by and among NiSource Finance Corp., as issuer, NiSource Inc., as guarantor, and the purchasers whose names appear on the signature page thereto (incorporated by reference to [Exhibit 10.30 to the NiSource Inc. Form 10-K](#) filed on February 27, 2009).
- (10.20) Letter Agreement, dated as of March 17, 2015, by and between NiSource Inc. and Donald Brown. (incorporated by reference [Exhibit 10.1 to the NiSource Inc. Form 10-Q](#) filed on April 30, 2015).*
- (10.21) Letter Agreement, dated as of February 23, 2016, by and between NiSource Inc. and Pablo A. Vegas. (incorporated by reference [Exhibit 10.29 to the NiSource Inc. Form 10-K](#) filed on February 22, 2017).*
- (10.22) Employee Matters Agreement, dated as of June 30, 2015, by and between NiSource Inc. and Columbia Pipeline Group, Inc. (incorporated by reference to [Exhibit 10.2 of the NiSource Inc. Form 8-K](#) filed on July 2, 2015).
- (10.23) Form of Change in Control and Termination Agreement (incorporated by reference to [Exhibit 10.1 to the NiSource Inc. Form 10-Q](#) filed on August 2, 2017).*
- (10.24) Form of Performance Share Award Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.33 to the NiSource Form 10-K](#) filed on February 20, 2018).*
- (10.25) Form of Restricted Stock Unit Award Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.34 to the NiSource Form 10-K](#) filed on February 20, 2018).*
- (10.26) Common Stock Subscription Agreement, dated as of May 2, 2018, by and among NiSource Inc. and the purchasers named therein (incorporated by reference to [Exhibit 10.1 of the NiSource Inc. Form 8-K](#) filed on May 2, 2018).
- (10.27) Registration Rights Agreement, dated as of May 2, 2018, by and among NiSource Inc. and the purchasers named therein (incorporated by reference to [Exhibit 10.2 of the NiSource Inc. Form 8-K](#) filed on May 2, 2018).
- (10.28) Purchase Agreement, dated as of June 6, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 5.650% Series A Preferred Stock (incorporated by reference to [Exhibit 10.1 of the NiSource Inc. Form 8-K](#) filed on June 12, 2018).
- (10.29) Purchase Agreement, dated as of June 6, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 3.650% Notes due 2023 (incorporated by reference to [Exhibit 10.2 of the NiSource Inc. Form 8-K](#) filed on June 12, 2018).
- (10.30) Registration Rights Agreement, dated as of June 11, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 5.650% Series A Preferred Stock (incorporated by reference to [Exhibit 10.3 of the NiSource Inc. Form 8-K](#) filed on June 12, 2018).
- (10.31) Registration Rights Agreement, dated as of June 11, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 3.650% Notes due 2023 (incorporated by reference to [Exhibit 10.4 of the NiSource Inc. Form 8-K](#) filed on June 12, 2018).
- (10.32) Form of 2019 Performance Share Award Agreement under the 2010 Omnibus Incentive Plan. (incorporated by reference to [Exhibit 10.45 of the NiSource Inc. Form 10-K](#) filed on February 20, 2019).*

- (10.33) Fifth Amended and Restated Revolving Credit Agreement, dated as of February 20, 2019, among NiSource Inc., as Borrower, the Lenders party thereto, Barclays Bank PLC, as Administrative Agent, Citibank, N.A. and MUFG Bank, Ltd., as Co-Syndication Agents, Credit Suisse AG, Cayman Islands Branch, JPMorgan Chase Bank, N.A. and Wells Fargo Bank, National Association, as Co-Documentation Agents, and Barclays Bank PLC, Citibank, N.A., MUFG Bank, Ltd., Credit Suisse Loan Funding LLC, JPMorgan Chase Bank, N.A. and Wells Fargo Securities, LLC, as Joint Lead Arrangers and Joint Bookrunners (incorporated by reference to [Exhibit 10.1 of the NiSource Inc. Form 8-K](#) filed on February 20, 2019).
- (10.34) Amended and Restated NiSource Inc. Employee Stock Purchase Plan adopted as of February 1, 2019 (incorporated by reference to [Exhibit C to the NiSource Inc. Definitive Proxy Statement](#) to Stockholders for the Annual Meeting to be held on May 7, 2019, filed on April 1, 2019).
- (10.35) Form of Performance Share Award Agreement (incorporated by reference to [Exhibit 10.39 of the NiSource Form 10-K](#) filed on February 28, 2020).*
- (10.36) Form of Restricted Stock Unit Award Agreement (incorporated by reference to [Exhibit 10.40 of the NiSource Form 10-K](#) filed on February 28, 2020). *
- (10.37) Form of Cash-Based Award Agreement (incorporated by reference to [Exhibit 10.41 of the NiSource Form 10-K](#) filed on February 28, 2020). *
- (10.38) Columbia Gas of Massachusetts Plea Agreement dated February 26, 2020 (incorporated by reference to [Exhibit 10.2 of the NiSource Inc. Form 8-K](#) filed on February 27, 2020).
- (10.39) NiSource Deferred Prosecution Agreement dated February 26, 2020 (incorporated by reference to [Exhibit 10.1 of the NiSource Inc. Form 8-K](#) filed on February 27, 2020).
- (10.40) Term Loan Agreement, dated as of April 1, 2020, among NiSource Inc., as Borrower, the lenders party thereto, and KeyBank National Association, as Administrative Agent, and KeyBank National Association, PNC Bank, National Association and U.S. Bank National Association, as Joint Lead Arrangers and Joint Bookrunners (incorporated by reference to [Exhibit 10.1 of the NiSource Inc. Form 8-K](#) filed on April 1, 2020).
- (10.41) 2020 Omnibus Incentive Plan (incorporated by reference to [Exhibit A to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting held on May 19, 2020](#), filed on April 13, 2020).*
- (10.42) Settlement Agreement, dated July 2, 2020, by and among Bay State Gas Company d/b/a Columbia Gas of Massachusetts, NiSource Inc., Eversource Gas Company of Massachusetts, Eversource Energy, the Massachusetts Attorney General's Office, the Massachusetts Department of Energy Resources the Low-Income Weatherization and Fuel Assistance Program Network (incorporated by reference to [Exhibit 10.1 of the NiSource Inc. Form 8-K](#) filed on July 6, 2020).
- (10.43) Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2020 Omnibus Incentive Plan (incorporated by reference to [Exhibit 10.2 of the NiSource Inc. Form 10-Q](#) filed on August 5, 2020).*
- (10.44) Addendum to Plea Agreement filed on or about June 21, 2020 in the United States District Court for the District of Massachusetts (incorporated by reference to [Exhibit 10.4 of the NiSource Inc. Form 10-Q](#) filed on August 5, 2020).
- (10.45) Letter Agreement by and among NiSource Inc., Bay State Gas Company d/b/a Columbia Gas of Massachusetts and Eversource Energy Relating to Asset Purchase Agreement, dated October 9, 2020 (incorporated by reference to [Exhibit 10.3 to the NiSource Inc. Form 10-Q](#) filed on November 2, 2020).***
- (10.46) NiSource Inc. Supplemental Executive Retirement Plan, as amended and restated effective November 1, 2020 (incorporated by reference to [Exhibit 10.4 to the NiSource Inc. Form 10-Q](#) filed on November 2, 2020).*
- (10.47) Pension Restoration Plan for NiSource Inc. and Affiliates, as amended and restated effective November 1, 2020 (incorporated by reference to [Exhibit 10.5 to the NiSource Inc. Form 10-Q](#) filed on November 2, 2020).
- (10.48) Savings Restoration Plan for NiSource Inc. and Affiliates, as amended and restated effective November 1, 2020 (incorporated by reference to [Exhibit 10.6 to the NiSource Inc. Form 10-Q](#) filed on November 2, 2020).*
- (10.49) NiSource Inc. Executive Severance Policy, as amended and restated effective October 19, 2020 (incorporated by reference to [Exhibit 10.7 to the NiSource Inc. Form 10-Q](#) filed on November 2, 2020).*
- (10.50) NiSource Next Voluntary Separation Program, effective as of August 5, 2020 (incorporated by reference to [Exhibit 10.8 to the NiSource Inc. Form 10-Q](#) filed on November 2, 2020).*

(10.51)	Letter Agreement dated October 19, 2020 by and between NiSource Inc. and Carrie Hightman (incorporated by reference to Exhibit 10.9 to the NiSource Inc. Form 10-Q filed on November 2, 2020).*
(10.52)	Amendment to Settlement Agreement by and among Bay State Gas Company d/b/a Columbia Gas of Massachusetts, NiSource Inc., Eversource Gas Company of Massachusetts, Eversource Energy, the Massachusetts Attorney General's Office, the Massachusetts Department of Energy Resources and the Low-Income Weatherization and Fuel Assistance Program Network, dated September 29, 2020 (incorporated by reference to Exhibit 10.2 to the NiSource Inc. Form 10-Q filed on November 2, 2020).
(10.53)	Form of Restricted Stock Unit Award Agreement * **
(10.54)	Form of Performance Share Unit Award Agreement * **
(10.55)	Form of Special Performance Share Unit Award Agreement * **
(21)	List of Subsidiaries . **
(23)	Consent of Deloitte & Touche LLP . **
(31.1)	Certification of Chief Executive Officer, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 . **
(31.2)	Certification of Chief Financial Officer, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 . **
(32.1)	Certification of Chief Executive Officer, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (furnished herewith) . **
(32.2)	Certification of Chief Financial Officer, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (furnished herewith) . **
(101.INS)	Inline XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. **
(101.SCH)	Inline XBRL Schema Document. **
(101.CAL)	Inline XBRL Calculation Linkbase Document. **
(101.LAB)	Inline XBRL Labels Linkbase Document. **
(101.PRE)	Inline XBRL Presentation Linkbase Document. **
(101.DEF)	Inline XBRL Definition Linkbase Document. **
(104)	Cover page Interactive Data File (formatted as inline XBRL, and contained in Exhibit 101.)
*	Management contract or compensatory plan or arrangement of NiSource Inc.
**	Exhibit filed herewith.
***	Schedules and exhibits have been omitted pursuant to Item 601(b)(2) of Regulation S-K. NiSource agrees to furnish supplementally a copy of any omitted schedules or exhibits to the SEC upon request.

References made to NIPSCO filings can be found at Commission File Number 001-04125. References made to NiSource Inc. filings made prior to November 1, 2000 can be found at Commission File Number 001-09779.

ITEM 16. FORM 10-K SUMMARY

None

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

		<u>NiSource Inc.</u> (Registrant)
Date: <u>February 17, 2021</u>	By: <u>/s/</u>	<u>JOSEPH HAMROCK</u>
		Joseph Hamrock President, Chief Executive Officer and Director (Principal Executive Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

<u>/s/ JOSEPH HAMROCK</u>	President, Chief Executive Officer and Director (Principal Executive Officer)	<u>Date: February 17, 2021</u>
Joseph Hamrock		
<u>/s/ DONALD E. BROWN</u>	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	<u>Date: February 17, 2021</u>
Donald E. Brown		
<u>/s/ GUNNAR J. GODE</u>	Vice President and Chief Accounting Officer (Principal Accounting Officer)	<u>Date: February 17, 2021</u>
Gunnar J. Gode		
<u>/s/ KEVIN T. KABAT</u>	Chairman of the Board	<u>Date: February 17, 2021</u>
Kevin T. Kabat		
<u>/s/ PETER A. ALTABEF</u>	Director	<u>Date: February 17, 2021</u>
Peter A. Altabef		
<u>/s/ THEODORE H. BUNTING, JR.</u>	Director	<u>Date: February 17, 2021</u>
Theodore H. Bunting, Jr.		
<u>/s/ ERIC L. BUTLER</u>	Director	<u>Date: February 17, 2021</u>
Eric L. Butler		
<u>/s/ ARISTIDES S. CANDRIS</u>	Director	<u>Date: February 17, 2021</u>
Aristides S. Candris		
<u>/s/ WAYNE S. DEVEYDT</u>	Director	<u>Date: February 17, 2021</u>
Wayne S. DeVeydt		
<u>/s/ DEBORAH A. HENRETTA</u>	Director	<u>Date: February 17, 2021</u>
Deborah A. Henretta		
<u>/s/ DEBORAH A.P. HERSMAN</u>	Director	<u>Date: February 17, 2021</u>
Deborah A. P. Hersman		
<u>/s/ MICHAEL E. JESANIS</u>	Director	<u>Date: February 17, 2021</u>
Michael E. Jesanis		
<u>/s/ CAROLYN Y. WOO</u>	Director	<u>Date: February 17, 2021</u>
Carolyn Y. Woo		
<u>/s/ LLOYD M. YATES</u>	Director	<u>Date: February 17, 2021</u>
Lloyd M. Yates		

NiSource Inc.
20__ Omnibus Incentive Plan

20__ Restricted Stock Unit Award Agreement

This Restricted Stock Unit Award Agreement (the “Agreement”), is made and entered into as of [_____] (the “Grant Date”), by and between NiSource Inc., a Delaware corporation (the “Company”), and [_____] an Employee of the Company or an Affiliate (the “Grantee”), pursuant to the terms of the NiSource Inc. 20__ Omnibus Incentive Plan, as amended (the “Plan”). Any term capitalized but not defined in this Agreement shall have the meaning set forth in the Plan.

Section 1. Restricted Stock Unit Award. The Company hereby grants to the Grantee, on the terms and conditions hereinafter set forth, an Award of [_____] Restricted Stock Units. The Restricted Stock Units shall be represented by a bookkeeping entry (the “RSU Account”) of the Company, and each Restricted Stock Unit shall be equivalent to one share of the Company’s common stock.

Section 2. Grantee Accounts. The number of Restricted Stock Units granted pursuant to this Agreement shall be credited to the Grantee’s RSU Account. Each RSU Account shall be maintained on the books of the Company until full payment of the balance thereof has been made to the Grantee (or the Grantee’s beneficiaries or estate if the Grantee is deceased) in accordance with Section 1 above. No funds shall be set aside or earmarked for any RSU Account, which shall be purely a bookkeeping device.

Section 3. Vesting and Lapse of Restrictions.

- (a) Vesting. Subject to the forfeiture conditions described later in this Agreement, the Restricted Stock Units shall vest [_____] (the “Vesting Date”), at which date they shall become 100% vested, provided that the Grantee is continuously employed by the Company through and including the Vesting Date. Except as set forth in subsection (b) hereof, if Grantee’s Service is terminated for any reason prior to the Vesting Date, the unvested Restricted Stock Units subject to this Agreement shall immediately terminate and be automatically forfeited by Grantee.
- (b) Effect of Termination of Service Prior to Vesting. Notwithstanding the foregoing, in the event that the Grantee’s Service terminates prior to the Vesting Date as a result of (i) the Grantee’s Retirement, (ii) the Grantee’s death, or (iii) the Grantee’s Disability, the restrictions set forth in subsection (a) above shall lapse with respect to a *pro rata* portion of such Restricted Stock Units on the date of termination of Service. Such *pro rata* lapse of restrictions shall be determined using a fraction, where the numerator shall be the number of full or partial calendar months elapsed between the Grant Date and the date the Grantee terminates Service, and the denominator shall be the number of full or partial calendar months between the Grant Date and the Vesting Date. For purposes of this Agreement, “Retirement” means the Grantee’s termination from Service at or after attainment of age 55 and completion of at least 10 years of continuous

Service measured from the Grantee's most recent date of hire with the Company or an Affiliate.

- (c) **Change in Control.** Notwithstanding the foregoing provisions, in the event of a Change in Control, the Restricted Stock Units under this Agreement shall be subject to the Change in Control provisions set forth in the Plan. In the event of any conflict between the Plan and this Agreement, the Plan shall control. Notwithstanding any other agreement between the Company and the Grantee, the "Good Reason" definition set forth in the Plan shall govern this award. Notwithstanding the foregoing or anything herein to the contrary, in the event the Restricted Stock Units do not become Alternative Awards under the Plan, then the Restricted Stock Units shall be settled within 60 days following the Change in Control; provided, however, in the event the Restricted Stock Units constitute nonqualified deferred compensation subject to Code Section 409A and the Change in Control is not a "change in control event" within the meaning of Code Section 409A, then, to the extent required to comply with Code Section 409A, the vested Restricted Stock Units shall be settled within 60 days following the Vesting Date or, if earlier and subject to Section 4, upon Grantee's termination of Service.

Section 4. Delivery of Shares. Once Restricted Stock Units have vested under this Agreement, the Company shall convert the Restricted Stock Units in the Grantee's RSU Account into Shares and issue or deliver the total number of Shares due to the Grantee within 60 days following the Vesting Date or, if earlier, Grantee's termination of Service in accordance with Section 3(b). Notwithstanding the foregoing, to the extent any portion of the Restricted Stock Units are subject to Code Section 409A, if any Restricted Stock Units vest prior to the Vesting Date in connection with a Grantee's "separation from service" within the meaning of Code Section 409A and the Grantee is a "specified employee" within the meaning of Code Section 409A at the time of such separation from service, the Shares represented by the vested Restricted Stock Units shall be issued and delivered on the first business day after the date that is six (6) months following the date of the Grantee's separation from service (or if earlier, the Grantee's date of death). The delivery of the Shares shall be subject to payment of the applicable withholding tax liability and the forfeiture provisions of this Agreement. If the Grantee dies before the Company has distributed any portion of the vested Restricted Stock Units, the Company shall transfer any Shares payable with respect to the vested Restricted Stock Units in accordance with the Grantee's written beneficiary designation or to the Grantee's estate if no written beneficiary designation is provided.

Section 5. Withholding of Taxes. As a condition precedent to the delivery to Grantee of any Shares upon vesting of the Restricted Stock Units, Grantee shall, upon request by the Company, pay to the Company such amount of cash as the Company may be required, under all applicable federal, state, local or other laws or regulations, to withhold and pay over as income or other withholding taxes (the "Required Tax Payments") with respect to the Restricted Stock Units. If Grantee shall fail to advance the Required Tax Payments after request by the Company, the Company may, in its discretion, deduct any Required Tax Payments from any amount then or thereafter payable by the Company to Grantee or withhold Shares. Grantee may elect to satisfy his or her obligation to advance the Required Tax Payments by any of the following means: (a) a cash

payment to the Company; (b) delivery to the Company (either actual delivery or by attestation procedures established by the Company) of previously owned whole Shares having a Fair Market Value, determined as of the date the obligation to withhold or pay taxes first arises in connection with the Restricted Stock Units (the “Tax Date”), equal to the Required Tax Payments; (c) authorizing the Company to withhold from the Shares otherwise to be delivered to Grantee upon the vesting of the Restricted Stock Units, a number of whole Shares having a Fair Market Value, determined as of the Tax Date, equal to the Required Tax Payments; or (d) any combination of (a), (b) and (c). Shares to be delivered or withheld may not have a Fair Market Value in excess of the minimum amount of the Required Tax Payments. Any fraction of a Share which would be required to satisfy such an obligation shall be disregarded and the remaining amount due shall be paid in cash by Grantee. No Shares shall be delivered until the Required Tax Payments have been satisfied in full.

Section 6. Compliance with Applicable Law. Notwithstanding anything contained herein to the contrary, the Company’s obligation to issue or deliver certificates evidencing the Restricted Stock Units shall be subject to all applicable laws, rules and regulations, and to such approvals by any governmental agencies or national securities exchanges as may be required. The delivery of all or any Shares that relate to the Restricted Stock Units shall be effective only at such time that the issuance of such Shares shall not violate any state or federal securities or other laws. The Company is under no obligation to effect any registration of Shares under the Securities Act of 1933 or to effect any state registration or qualification of the Shares that may be issued under this Agreement. Subject to Code Section 409A, the Company may, in its sole discretion, delay the delivery of Shares or place restrictive legends on Shares in order to ensure that the issuance of any Shares shall be in compliance with federal or state securities laws and the rules of any exchange upon which the Company’s Shares are traded. If the Company delays the delivery of Shares in order to ensure compliance with any state or federal securities or other laws, the Company shall deliver the Shares at the earliest date at which the Company reasonably believes that such delivery shall not cause such violation, or at such later date that may be permitted under Code Section 409A.

Section 7. Restriction on Transferability. Except as otherwise provided under the Plan, until the Restricted Stock Units have vested under this Agreement, the Restricted Stock Units granted herein and the rights and privileges conferred hereby may not be sold, transferred, pledged, assigned, or otherwise alienated or hypothecated (by operation of law or otherwise), other than by will or the laws of descent and distribution. Any attempted transfer in violation of the provisions of this paragraph shall be void, and the purported transferee shall obtain no rights with respect to such Restricted Stock Units.

Section 8. Grantee’s Rights Unsecured. The right of the Grantee or his or her beneficiary to receive a distribution hereunder shall be an unsecured claim against the general assets of the Company, and neither the Grantee nor his or her beneficiary shall have any rights in or against any amounts credited to the Grantee’s RSU Account or any other specific assets of the Company. All amounts credited to the Grantee’s RSU Account shall constitute general assets of the Company and may be disposed of by the Company at such time and for such purposes, as it may deem appropriate.

Section 9. No Rights as Stockholder or Employee.

- (a) Unless and until Shares have been issued to the Grantee, the Grantee shall not have any privileges of a stockholder of the Company with respect to any Restricted Stock Units subject to this Agreement, nor shall the Company have any obligation to issue any dividends or otherwise afford any rights to which Shares are entitled with respect to any such Restricted Stock Units.
- (b) Nothing in this Agreement or the Award shall confer upon the Grantee any right to continue as an Employee of the Company or any Affiliate or to interfere in any way with the right of the Company or any Affiliate to terminate the Grantee's Service at any time.

Section 10. Adjustments. If at any time while the Award is outstanding, the number of outstanding Restricted Stock Units is changed by reason of a reorganization, recapitalization, stock split or any of the other events described in the Plan, the number and kind of Restricted Stock Units shall be adjusted in accordance with the provisions of the Plan. In the event of certain corporate events specified in the Change in Control provisions of the Plan, any Restricted Stock Units may be replaced by Alternative Awards or forfeited in exchange for payment of cash in accordance with the Change in Control procedures and provisions of the Plan.

Section 11. Notices. Any notice hereunder by the Grantee shall be given to the Company in writing and such notice shall be deemed duly given only upon receipt thereof at the following address: Corporate Secretary, NiSource Inc., 801 East 86th Avenue, Merrillville, IN 46410-6271, or at such other address as the Company may designate by notice to the Grantee. Any notice hereunder by the Company shall be given to the Grantee in writing and such notice shall be deemed duly given only upon receipt thereof at such address as the Grantee may have on file with the Company.

Section 12. Administration. The administration of this Agreement, including the interpretation and amendment or termination of this Agreement, shall be performed in accordance with the Plan. All determinations and decisions made by the Committee, the Board, or any delegate of the Committee as to the provisions of this Agreement shall be conclusive, final, and binding on all persons. Notwithstanding the foregoing, if subsequent guidance is issued under Code Section 409A that would impose additional taxes, penalties, or interest to either the Company or the Grantee, the Company may administer this Agreement in accordance with such guidance and amend this Agreement without the consent of the Grantee to the extent such actions, in the reasonable judgment of the Company, are considered necessary to avoid the imposition of such additional taxes, penalties, or interest.

Section 13. Governing Law. This Agreement shall be construed and enforced in accordance with the laws of the State of Indiana, without giving effect to the choice of law principles thereof.

Section 14. Entire Agreement; Agreement Subject to Plan. This Agreement and the Plan contain all of the terms and conditions with respect to the subject matter hereof and supersede any previous agreements, written or oral, relating to the subject matter hereof. This Agreement at all times shall be governed by the Plan, which is incorporated in this Agreement by reference, and

in no way alter or modify the Plan. To the extent a conflict exists between this Agreement and the Plan, the provisions of the Plan shall govern. This Agreement is pursuant to the terms of the Plan.

Section 15. Code Section 409A Compliance. This Agreement shall be interpreted in accordance with Code Section 409A including the rules related to payment timing for “specified employees” within the meaning of Code Section 409A. This Agreement shall be deemed to be modified to the maximum extent necessary to be in compliance with Code Section 409A’s rules. If the Grantee is unexpectedly required to include in the Grantee’s current year’s income any amount of compensation relating to the Restricted Stock Units because of a failure to meet the requirements of Code Section 409A, then to the extent permitted by Code Section 409A, the Grantee may receive a distribution of cash or Shares in an amount not to exceed the amount required to be included in income as a result of the failure to comply with Code Section 409A.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Company has caused this Award to be granted, and the Grantee has accepted this Award, as of the date first above written.

NiSource Inc.

By:

Its:

NiSource Inc.

20__ Omnibus Incentive Plan

20__ Performance Share Unit Award Agreement

This Performance Share Unit Award Agreement (the “Agreement”) is made and entered into as of _____ (the “Grant Date”), by and between NiSource Inc., a Delaware corporation (the “Company”), and _____ an Employee of the Company or an Affiliate (the “Grantee”), pursuant to the terms of the NiSource Inc. 20__ Omnibus Incentive Plan, as amended (the “Plan”). Any term capitalized but not defined in this Agreement shall have the meaning set forth in the Plan.

Section 1. Performance Share Unit Award. The Company hereby grants to the Grantee, on the terms and conditions hereinafter set forth, a target award of [TOTAL TARGET NUMBER] Performance Share Units. The Performance Share Units shall be represented by a bookkeeping entry with respect to the Grantee (the “PSU Account”), and each Performance Share Unit shall be settled in one Share, to the extent provided under this Agreement and the Plan. This Agreement and the award shall be null and void unless the Grantee accepts this Agreement electronically within the Grantee’s stock plan account with the Company’s stock plan administrator according to the procedures then in effect.

Section 2. Performance-Based Vesting Conditions.

- (a) **General.** Subject to the remainder of this Agreement, the Performance Share Units shall vest pursuant to the terms of this Agreement and the Plan based on the achievement of the performance goals set forth in this Section 2 over the performance period beginning on _____ and ending on _____ (the “Performance Period”), provided that that the Grantee remains in continuous Service through _____ (the “Vesting Date”). Attainment of the performance goals shall be determined and certified by the Compensation Committee of the Board of Directors of the Company (the “Committee”) prior to the settlement of the Performance Share Units.
- (b) **Financial Performance Goal.** Subject to the terms of this Agreement and the Plan, [INSERT TARGET NUMBER OF NOEPS SHARES] of the Performance Share Units shall be eligible to vest based on the Company’s achievement of cumulative NOEPS during the Performance Period, as follows:

Performance Level(1)	Cumulative NOEPS	Percentage of Performance Share Units Eligible for Vesting(2)
Trigger	\$ _____	_____
Target	\$ _____	_____
Stretch	\$ _____ and above	_____

- (1) The vesting percentage for performance between performance levels shall be determined based on linear interpolation.

(2) The number of Performance Share Units that shall vest based on the Company's cumulative NOEPS performance shall be subject to a performance magnifier as described below.

(3) Performance Magnifier. Subject to the terms of this Agreement and the Plan, the number of Performance Share Units eligible for vesting pursuant to Section 2(b) shall be adjusted based on the following schedule:

Performance Measure	Goal(1)	Magnifier(2)

(1) The vesting percentage for performance between performance levels shall be determined based on linear interpolation.

(2) Based on whether the Company achieves or fails to achieve the applicable performance goal, Performance Share Units eligible for vesting pursuant to Sections 2(b) shall be increased or decreased in accordance with the percentages noted above.

(c) RTSR Performance Goal. Subject to the terms of this Agreement and the Plan, [INSERT TARGET NUMBER OF RTSR SHARES] of the Performance Share Units shall be eligible to vest based on the Company's achievement of RTSR during the Performance Period, as follows:

Performance Level(1)	RTSR Percentile Ranking	Percentage of Performance Share Units Eligible for Vesting(2)
Trigger	_____	_____
Target	_____	_____
Stretch	_____ and above	_____

(1) The vesting percentage for performance between performance levels shall be determined based on linear interpolation.

(2) The number of Performance Share Units that shall vest based on the Company's RTSR performance shall be subject to a performance magnifier as described below.

(3) Performance Magnifier. Subject to the terms of this Agreement and the Plan, the number of Performance Share Units eligible for vesting pursuant to Section 2(c) shall be adjusted based on the following schedule:

Performance Measure	Goal(1)	Magnifier(2)

(1) The vesting percentage for performance between performance levels shall be determined based on linear interpolation.

(2) Based on whether the Company achieves or fails to achieve the applicable performance goal, Performance Share Units eligible for vesting pursuant to Section 2(c) shall be increased or decreased in accordance with the percentages noted above.

(d) Maximum Vesting Level. Notwithstanding anything herein to the contrary, including performance determined under Sections 2(b)(3) and 2(c)(3), the maximum vesting level under this Award shall be capped at 200% of the target Performance Share Units.

(e) Definitions.

- (i) “cumulative NOEPS” means the Company’s cumulative net operating earnings per share, as reported in the Company’s annual financial statements. Additional adjustments to cumulative net operating earnings per share shall be made to the targets and results for: (x) transactions that the Company discloses on Form 8-K filed with the Securities and Exchange Commission, including merger, acquisition, divestiture, consolidation or corporate restructuring, any recapitalization, reorganization, spin-off, split-up, combination, liquidation, dissolution, sale of assets or similar corporate transactions that meet the Company’s disclosure thresholds; (y) pending transactions as a result of requirements to present operations as “held for sale” under Accounting Standard Codification 205; and (z) changes in law or accounting principles, in each case, as determined by the Committee.
- (ii) “RTSR” means the annualized growth in the dividends and share price of a Share, calculated using a 20 day trading average of the Company’s closing price beginning on _____ and ending _____ compared to the TSR performance of the TSR Peer Group. The starting and ending share prices for the computation of RTSR shall equal the average closing price of each company’s common stock over the 20 trading days immediately preceding the first and last day of the performance period.
- (iii) “TSR Peer Group” means the peer group of companies approved by the Committee at its meeting on _____, as adjusted to reflect corporate transactions with respect to peer group companies as approved by the Committee at such meeting.

Section 3. Termination of Employment.

- (a) Termination of Service Prior to Vesting Date. Except as set forth below, if the Grantee’s Service is terminated for any reason prior to the Vesting Date, then the Grantee shall forfeit the Performance Share Units credited to the Grantee’s PSU Account.
- (b) Retirement, Disability or Death.
 - (i) Notwithstanding the foregoing, in the event that the Grantee’s Service terminates prior to the Vesting Date as a result of the Grantee’s (i) Retirement, (ii) Disability, or (iii) death and such death occurs with less than or equal to twelve months remaining in the Performance Period, then the Grantee (or the Grantee’s beneficiary or estate in the case of the Grantee’s death) shall vest in

a *pro rata* portion of the Performance Share Units, based on the actual performance results for the Performance Period. Such *pro rata* portion of the Performance Share Units shall be determined by multiplying the number of Performance Share Units earned based on actual performance by a fraction, where the numerator shall equal the number of calendar months (including partial calendar months) that have elapsed from the Grant Date through the date of the Grantee's termination of Service, and the denominator shall be the number of calendar months (including partial calendar months) that have elapsed between the Grant Date and the Vesting Date.

- (ii) If the Grantee terminates Service due to death prior to the Vesting Date and with more than 12 months remaining in the Performance Period, then the Grantee's beneficiary or estate shall vest, on the date of termination, in a *pro rata* portion of the target Performance Share Units. Such *pro rata* portion of the Performance Share Units shall be determined by multiplying the number of target Performance Share Units by a fraction, where the numerator shall equal the number of calendar months (including partial calendar months) that have elapsed from the Grant Date through the date of the Grantee's termination of Service, and the denominator shall be the number of calendar months (including partial calendar months) that have elapsed between the Grant Date and the Vesting Date.
 - (iii) "Retirement" means the Grantee's termination from Service at or after attainment of age 55 and completion of at least 10 years of continuous Service measured from the Grantee's most recent date of hire with the Company or an Affiliate.
- (c) Change in Control. Notwithstanding the foregoing provisions, in the event of a Change in Control, the Performance Share Units under this Agreement shall be subject to the Change in Control provisions set forth in the Plan. In the event of any conflict between the Plan and this Agreement, the Plan shall control. Notwithstanding any other agreement between the Company and the Grantee, the "Good Reason" definition set forth in the Plan shall govern this award.

Section 4. Delivery of Shares. Subject to the terms of this Agreement and except as otherwise provided for herein, the Company shall convert the Performance Share Units in the Grantee's PSU Account into Shares and issue or deliver the total number of Shares due to the Grantee within 60 days following the Vesting Date (but in any event no later than the March 15th immediately following the year in which the substantial risk of forfeiture with respect to the Performance Share Units lapses) or, if earlier, within 30 days following (a) the Grantee's death in accordance with Section 3(b)(ii), (b) Grantee's termination of Service without Cause or due to Good Reason in accordance with the Change in Control provisions of the Plan or (c) a Change in Control in the event the Performance Share Units do not become Alternative Awards under the Plan. The delivery of the Shares shall be subject to payment of the applicable withholding tax liability and the forfeiture provisions of this Agreement. If the Grantee dies before the Company has issued or distributed the vested Performance Share Units, the Company shall transfer any Shares with respect to the vested Performance Share Units in accordance with the Grantee's written beneficiary designation or to the Grantee's estate if no written beneficiary designation is provided. The issuance or deliver of the Shares hereunder shall be evidenced

by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company. The Company shall pay all original issue or transfer taxes and all fees and expenses incident to such issuance or delivery, except as otherwise provided in Section 5.

Section 5. Withholding of Taxes. As a condition precedent to the delivery to Grantee of any Shares upon vesting of the Performance Share Units, Grantee shall, upon request by the Company, pay to the Company such amount of cash as the Company may be required, under all applicable federal, state, local or other laws or regulations, to withhold and pay over as income or other withholding taxes (the “Required Tax Payments”) with respect to the Performance Share Units. If Grantee shall fail to advance the Required Tax Payments after request by the Company, the Company may, in its discretion, deduct any Required Tax Payments from any amount then or thereafter payable by the Company to Grantee or withhold Shares. Grantee may elect to satisfy his or her obligation to advance the Required Tax Payments by any of the following means: (a) a cash payment to the Company; (b) delivery to the Company (either actual delivery or by attestation procedures established by the Company) of previously owned whole Shares having a Fair Market Value, determined as of the date the obligation to withhold or pay taxes first arises in connection with the Performance Share Units (the “Tax Date”), equal to the Required Tax Payments; (c) authorizing the Company to withhold from the Shares otherwise to be delivered to Grantee upon the vesting of the Performance Share Units, a number of whole Shares having a Fair Market Value, determined as of the Tax Date, equal to the Required Tax Payments; or (d) any combination of (a), (b) and (c). Shares to be delivered or withheld may not have a Fair Market Value in excess of the minimum amount of the Required Tax Payments. Any fraction of a Share which would be required to satisfy such an obligation shall be disregarded and the remaining amount due shall be paid in cash by Grantee. No Shares shall be delivered until the Required Tax Payments have been satisfied in full.

Section 6. Compliance with Applicable Law. Notwithstanding anything contained herein to the contrary, the Company’s obligation to issue or deliver certificates evidencing the Performance Share Units shall be subject to all applicable laws, rules and regulations, and to such approvals by any governmental agencies or national securities exchanges as may be required. The delivery of all or any Shares that relate to the Performance Share Units shall be effective only at such time that the issuance of such Shares shall not violate any state or federal securities or other laws. The Company is under no obligation to effect any registration of Shares under the Securities Act of 1933 or to effect any state registration or qualification of the Shares that may be issued under this Agreement. Subject to Code Section 409A, the Company may, in its sole discretion, delay the delivery of Shares or place restrictive legends on Shares in order to ensure that the issuance of any Shares shall be in compliance with federal or state securities laws and the rules of any exchange upon which the Company’s Shares are traded. If the Company delays the delivery of Shares in order to ensure compliance with any state or federal securities or other laws, the Company shall deliver the Shares at the earliest date at which the Company reasonably believes that such delivery shall not cause such violation, or at such later date that may be permitted under Code Section 409A.

Section 7. Restriction on Transferability. Except as otherwise provided under the Plan, until the Performance Share Units have vested under this Agreement, the Performance Share Units granted herein and the rights and privileges conferred hereby may not be sold, transferred, pledged, assigned, or otherwise alienated or hypothecated (by operation of law or otherwise), other than by will or the laws of descent and distribution. Any attempted transfer in violation of the provisions of this

paragraph shall be void, and the purported transferee shall obtain no rights with respect to such Performance Share Units.

Section 8. Grantee's Rights Unsecured. The right of the Grantee or his or her beneficiary to receive a distribution hereunder shall be an unsecured claim against the general assets of the Company, and neither the Grantee nor his or her beneficiary shall have any rights in or against any amounts credited to the Grantee's PSU Account, any Shares or any other specific assets of the Company. All amounts credited to the Grantee's PSU Account shall constitute general assets of the Company and may be disposed of by the Company at such time and for such purposes as it may deem appropriate.

Section 9. No Rights as Stockholder or Employee.

- (a) Unless and until Shares have been issued to the Grantee, the Grantee shall not have any privileges of a stockholder of the Company with respect to any Performance Share Units subject to this Agreement, nor shall the Company have any obligation to issue any dividend or otherwise afford any rights to which Shares are entitled with respect to any such Performance Share Units.
- (b) Nothing in this Agreement or the Award shall confer upon the Grantee any right to continue as an Employee of the Company or any Affiliate or to interfere in any way with the right of the Company or any Affiliate to terminate the Grantee's Service at any time.

Section 10. Adjustments. If at any time while the Award is outstanding, the number of outstanding Performance Share Units is changed by reason of a reorganization, recapitalization, stock split or any of the other events described in the Plan (in each case as determined by the Committee), the number and kind of Performance Share Units and the performance goals, as applicable, shall be adjusted in accordance with the provisions of the Plan. In the event of certain corporate events specified in the Change in Control provisions of the Plan, any Performance Share Units may be replaced by Alternative Awards or forfeited in exchange for payment of cash in accordance with the Change in Control procedures and provisions of the Plan, as determined by the Committee.

Section 11. Notices. Any notice hereunder by the Grantee shall be given to the Company in writing, and such notice shall be deemed duly given only upon receipt thereof at the following address: Corporate Secretary, NiSource Inc., 801 East 86th Avenue, Merrillville, IN 46410-6271 (or at such other address as the Company may designate by notice to the Grantee). Any notice hereunder by the Company shall be given to the Grantee in writing, and such notice shall be deemed duly given only upon receipt thereof at such address as the Grantee may have on file with the Company.

Section 12. Administration. The administration of this Agreement, including the interpretation and amendment or termination of this Agreement, shall be performed in accordance with the Plan. All determinations and decisions made by the Committee, the Board, or any delegate of the Committee as to the provisions of this Agreement shall be conclusive, final, and binding on all persons. Notwithstanding the foregoing, if subsequent guidance is issued under Code Section 409A that would impose additional taxes, penalties, or interest to either the Company or the Grantee, the Company may administer this Agreement in accordance with such guidance and amend this Agreement without the consent of the Grantee to the extent such actions, in the reasonable judgment of the Company, are considered necessary to avoid the imposition of such additional taxes, penalties, or interest.

Section 13. Governing Law. This Agreement shall be construed and enforced in accordance with the laws of the State of Indiana, without giving effect to the choice of law principles thereof.

Section 14. Entire Agreement; Agreement Subject to Plan. This Agreement and the Plan contain all of the terms and conditions with respect to the subject matter hereof and supersede any previous agreements, written or oral, relating to the subject matter hereof. This Agreement is subject to the provisions of the Plan and shall be interpreted in accordance therewith. In the event that the provisions of this Agreement and the Plan conflict, the Plan shall control. The Grantee hereby acknowledges receipt of a copy of the Plan.

Section 15. Code Section 409A Compliance. This Agreement and the Performance Share Units granted hereunder are intended to be exempt from Code Section 409A to the maximum extent possible, and shall be interpreted and construed accordingly.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Company has caused the Performance Share Units subject to this Agreement to be granted, and the Grantee has accepted the Performance Share Units subject to the terms of the Agreement, as of the date first above written.

NiSource Inc.

By: _____
Its: _____

NiSource Inc.

20__ Omnibus Incentive Plan

20__ Performance Share Unit Award Agreement

This Performance Share Unit Award Agreement (the “Agreement”) is made and entered into as of _____ (the “Grant Date”), by and between NiSource Inc., a Delaware corporation (the “Company”), and _____ an Employee of the Company or an Affiliate (the “Grantee”), pursuant to the terms of the NiSource Inc. 20__ Omnibus Incentive Plan, as amended (the “Plan”). Any term capitalized but not defined in this Agreement shall have the meaning set forth in the Plan.

Section 1. Performance Share Unit Award. The Company hereby grants to the Grantee, on the terms and conditions hereinafter set forth, a target award of [TOTAL TARGET NUMBER] Performance Share Units. The Performance Share Units shall be represented by a bookkeeping entry with respect to the Grantee (the “PSU Account”), and each Performance Share Unit shall be settled in one Share, to the extent provided under this Agreement and the Plan. This Agreement and the award shall be null and void unless the Grantee accepts this Agreement electronically within the Grantee’s stock plan account with the Company’s stock plan administrator according to the procedures then in effect.

Section 2. Performance-Based Vesting Conditions.

- (a) General. Subject to the remainder of this Agreement and the Grantee remaining in continuous Service through the 28th day of February that follows each applicable Performance Period (each, a “Vesting Date”), the Performance Share Units shall vest in accordance with the schedule set forth below, based on the Company’s RTSR performance over the _____ through _____ performance period (the “3-Year Performance Period”); provided, however, that the vesting of a portion of the Performance Share Units may be accelerated based on the Company’s RTSR performance over the _____ through _____ performance period (the “2-Year Performance Period” and, together with the 3-Year Performance Period, the “Performance Periods”) in accordance with the schedule set forth below. Notwithstanding the foregoing, the number of Performance Share Units eligible for vesting based on performance during the 2-Year Performance Period shall be limited to the product of: 67% multiplied by the target Performance Share Units multiplied by the vesting percentage determined based on the schedule below (the “2-Year Cap”). The number of Performance Share Units eligible for vesting based on the Company’s RTSR performance during the 3-Year Performance Period shall be reduced by the number of Performance Share Units that vested and were settled with respect to the 2-Year Performance Period. For the avoidance of doubt, any Performance Share Units that vested and were settled with respect to the 2-Year Performance Period shall not, subject to Section 20.10 of the Plan, be reduced based on performance during the 3-Year Performance Period.

(b)

Performance Level(1)	RTSR Percentile Ranking	Percentage of Performance Share Units Eligible for Vesting(2)
Trigger	_____	_____
Target	_____	_____
Stretch	_____ and above	_____

- (1) The vesting level for performance between performance levels shall be determined based on linear interpolation.
- (2) The number of Performance Share Units that shall vest based on the Company's RTSR performance shall be subject to (a) a performance magnifier as described in Section 2(b) below and (b) with respect to Performance Share Units that vest during the 2-Year Performance Period, the 2-Year Cap.
- (c) Performance Magnifier. Subject to the terms of this Agreement and the Plan, the number of Performance Share Units eligible for vesting pursuant to Section 2(a) shall be adjusted based on the following schedule based on performance during the applicable Performance Period:

Performance Measure	Goal(1)	Magnifier(2)

- (1) The vesting level for performance between performance levels shall be determined based on linear interpolation.
- (2) Based on whether the Company achieves or fails to achieve the applicable performance goal, Performance Share Units eligible for vesting pursuant to Section 2(a) shall be increased or decreased in accordance with the percentages noted above, with any increase with respect to the 2-Year Performance Period, subject to the 2-Year Cap.
- (d) Maximum Vesting Level. Notwithstanding anything herein to the contrary, including performance determined under Section 2(b), the maximum vesting level under this Award shall be capped at 200% of the target Performance Share Units.
- (e) Definitions.

- (i) "RTSR" means the annualized growth in the dividends and share price of a Share, calculated using a 20 day trading average of the Company's closing price beginning on _____ and ending _____ compared to the TSR performance of the TSR Peer Group. The starting and ending share prices for the computation of RTSR shall equal the average closing price of each company's common stock over the 20 trading days immediately preceding the first and last day of the performance period.
- (ii) "TSR Peer Group" means the peer group of companies approved by the Committee at its meeting on _____, as adjusted to reflect corporate transactions with respect to peer group companies as approved by the Committee at such meeting.

Section 3. Termination of Employment.

- (a) Termination of Service Prior to Vesting Date. Except as set forth below, if the Grantee's Service is terminated for any reason prior to the Vesting Date then the Grantee shall forfeit the unvested Performance Share Units credited to the Grantee's PSU Account.
- (b) Retirement, Disability or Death.
 - (i) Notwithstanding the foregoing, in the event that the Grantee's Service terminates prior to the Vesting Date as a result of the Grantee's (i) Retirement, (ii) Disability, or (iii) death and such death occurs with less than or equal to twelve months remaining in the Performance Period, then the Grantee (or the Grantee's beneficiary or estate in the case of the Grantee's death) shall vest in a *pro rata* portion of the Performance Share Units, based on the actual performance results for the applicable Performance Period. Such *pro rata* portion of the Performance Share Units with respect to each Performance Period shall be determined by multiplying the number of Performance Share Units earned based on actual performance by a fraction, where the numerator shall equal the number of calendar months (including partial calendar months) that have elapsed from the Grant Date through the date of the Grantee's termination of Service, and the denominator shall be the number of calendar months from the Grant Date and the applicable Vesting Date, with any Performance Share Units vesting with respect to the 2-Year Performance Period pursuant to this Section 3(b)(i) subject to the 2-Year Cap.
 - (ii) If the Grantee terminates Service due to death prior to the Vesting Date and with more than 12 months remaining in the 3-Year Performance Period, then the Grantee's beneficiary or estate shall vest, on the date of termination, in a *pro rata* portion of the target Performance Share Units. Such *pro rata* portion of the Performance Share Units shall be determined by multiplying the number of target Performance Share Units by a fraction, where the numerator shall equal the number of calendar months (including partial calendar months) that have elapsed from the Grant Date through the date of the Grantee's termination of Service, and the denominator shall be the number of calendar months (including partial calendar months) that have elapsed between the Grant Date and the Vesting Date.
 - (iii) "Retirement" means the Grantee's termination from Service at or after attainment of age 55 and completion of at least 10 years of continuous Service measured from the Grantee's most recent date of hire with the Company or an Affiliate.
- (c) Change in Control. Notwithstanding the foregoing provisions, in the event of a Change in Control, the Performance Share Units under this Agreement shall be subject to the Change in Control provisions set forth in the Plan. In the event of any conflict between the Plan and this Agreement, the Plan shall control. Notwithstanding any

other agreement between the Company and the Grantee, the “Good Reason” definition set forth in the Plan shall govern this award.

Section 4. Delivery of Shares. Subject to the terms of this Agreement and except as otherwise provided for herein, the Company shall convert the Performance Share Units in the Grantee’s PSU Account into Shares and issue or deliver the total number of Shares due to the Grantee within 60 days following the applicable Vesting Date (but in any event no later than the March 15th immediately following the year in which the substantial risk of forfeiture with respect to the Performance Share Units lapses) or, if earlier, within 30 days following (a) the Grantee’s death in accordance with Section 3(b)(ii), (b) Grantee’s termination of Service without Cause or due to Good Reason in accordance with the Change in Control provisions of the Plan or (c) a Change in Control in the event the Performance Share Units do not become Alternative Awards under the Plan. The delivery of the Shares shall be subject to payment of the applicable withholding tax liability and the forfeiture provisions of this Agreement. If the Grantee dies before the Company has issued or distributed the vested Performance Share Units, the Company shall transfer any Shares with respect to the vested Performance Share Units in accordance with the Grantee’s written beneficiary designation or to the Grantee’s estate if no written beneficiary designation is provided. The issuance or deliver of the Shares hereunder shall be evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company. The Company shall pay all original issue or transfer taxes and all fees and expenses incident to such issuance or delivery, except as otherwise provided in Section 5.

Section 5. Withholding of Taxes. As a condition precedent to the delivery to Grantee of any Shares upon vesting of the Performance Share Units, Grantee shall, upon request by the Company, pay to the Company such amount of cash as the Company may be required, under all applicable federal, state, local or other laws or regulations, to withhold and pay over as income or other withholding taxes (the “Required Tax Payments”) with respect to the Performance Share Units. If Grantee shall fail to advance the Required Tax Payments after request by the Company, the Company may, in its discretion, deduct any Required Tax Payments from any amount then or thereafter payable by the Company to Grantee or withhold Shares. Grantee may elect to satisfy his or her obligation to advance the Required Tax Payments by any of the following means: (a) a cash payment to the Company; (b) delivery to the Company (either actual delivery or by attestation procedures established by the Company) of previously owned whole Shares having a Fair Market Value, determined as of the date the obligation to withhold or pay taxes first arises in connection with the Performance Share Units (the “Tax Date”), equal to the Required Tax Payments; (c) authorizing the Company to withhold from the Shares otherwise to be delivered to Grantee upon the vesting of the Performance Share Units, a number of whole Shares having a Fair Market Value, determined as of the Tax Date, equal to the Required Tax Payments; or (d) any combination of (a), (b) and (c). Shares to be delivered or withheld may not have a Fair Market Value in excess of the minimum amount of the Required Tax Payments. Any fraction of a Share which would be required to satisfy such an obligation shall be disregarded and the remaining amount due shall be paid in cash by Grantee. No Shares shall be delivered until the Required Tax Payments have been satisfied in full.

Section 6. Compliance with Applicable Law. Notwithstanding anything contained herein to the contrary, the Company’s obligation to issue or deliver certificates evidencing the Performance Share Units shall be subject to all applicable laws, rules and regulations, and to such approvals by any

governmental agencies or national securities exchanges as may be required. The delivery of all or any Shares that relate to the Performance Share Units shall be effective only at such time that the issuance of such Shares shall not violate any state or federal securities or other laws. The Company is under no obligation to effect any registration of Shares under the Securities Act of 1933 or to effect any state registration or qualification of the Shares that may be issued under this Agreement. Subject to Code Section 409A, the Company may, in its sole discretion, delay the delivery of Shares or place restrictive legends on Shares in order to ensure that the issuance of any Shares shall be in compliance with federal or state securities laws and the rules of any exchange upon which the Company's Shares are traded. If the Company delays the delivery of Shares in order to ensure compliance with any state or federal securities or other laws, the Company shall deliver the Shares at the earliest date at which the Company reasonably believes that such delivery shall not cause such violation, or at such later date that may be permitted under Code Section 409A.

Section 7. Restriction on Transferability. Except as otherwise provided under the Plan, until the Performance Share Units have vested under this Agreement, the Performance Share Units granted herein and the rights and privileges conferred hereby may not be sold, transferred, pledged, assigned, or otherwise alienated or hypothecated (by operation of law or otherwise), other than by will or the laws of descent and distribution. Any attempted transfer in violation of the provisions of this paragraph shall be void, and the purported transferee shall obtain no rights with respect to such Performance Share Units.

Section 8. Grantee's Rights Unsecured. The right of the Grantee or his or her beneficiary to receive a distribution hereunder shall be an unsecured claim against the general assets of the Company, and neither the Grantee nor his or her beneficiary shall have any rights in or against any amounts credited to the Grantee's PSU Account, any Shares or any other specific assets of the Company. All amounts credited to the Grantee's PSU Account shall constitute general assets of the Company and may be disposed of by the Company at such time and for such purposes as it may deem appropriate.

Section 9. No Rights as Stockholder or Employee.

- (a) Unless and until Shares have been issued to the Grantee, the Grantee shall not have any privileges of a stockholder of the Company with respect to any Performance Share Units subject to this Agreement, nor shall the Company have any obligation to issue any dividend or otherwise afford any rights to which Shares are entitled with respect to any such Performance Share Units.
- (b) Nothing in this Agreement or the Award shall confer upon the Grantee any right to continue as an Employee of the Company or any Affiliate or to interfere in any way with the right of the Company or any Affiliate to terminate the Grantee's Service at any time.

Section 10. Adjustments. If at any time while the Award is outstanding, the number of outstanding Performance Share Units is changed by reason of a reorganization, recapitalization, stock split or any of the other events described in the Plan (in each case as determined by the Committee), the number and kind of Performance Share Units and the performance goals, as applicable, shall be adjusted in accordance with the provisions of the Plan. In the event of certain corporate events specified in the Change in Control provisions of the Plan, any Performance Share Units may be

replaced by Alternative Awards or forfeited in exchange for payment of cash in accordance with the Change in Control procedures and provisions of the Plan, as determined by the Committee.

Section 11. Notices. Any notice hereunder by the Grantee shall be given to the Company in writing, and such notice shall be deemed duly given only upon receipt thereof at the following address: Corporate Secretary, NiSource Inc., 801 East 86th Avenue, Merrillville, IN 46410-6271 (or at such other address as the Company may designate by notice to the Grantee). Any notice hereunder by the Company shall be given to the Grantee in writing, and such notice shall be deemed duly given only upon receipt thereof at such address as the Grantee may have on file with the Company.

Section 12. Administration. The administration of this Agreement, including the interpretation and amendment or termination of this Agreement, shall be performed in accordance with the Plan. All determinations and decisions made by the Committee, the Board, or any delegate of the Committee as to the provisions of this Agreement shall be conclusive, final, and binding on all persons. Notwithstanding the foregoing, if subsequent guidance is issued under Code Section 409A that would impose additional taxes, penalties, or interest to either the Company or the Grantee, the Company may administer this Agreement in accordance with such guidance and amend this Agreement without the consent of the Grantee to the extent such actions, in the reasonable judgment of the Company, are considered necessary to avoid the imposition of such additional taxes, penalties, or interest.

Section 13. Governing Law. This Agreement shall be construed and enforced in accordance with the laws of the State of Indiana, without giving effect to the choice of law principles thereof.

Section 14. Entire Agreement; Agreement Subject to Plan. This Agreement and the Plan contain all of the terms and conditions with respect to the subject matter hereof and supersede any previous agreements, written or oral, relating to the subject matter hereof. This Agreement is subject to the provisions of the Plan and shall be interpreted in accordance therewith. In the event that the provisions of this Agreement and the Plan conflict, the Plan shall control. The Grantee hereby acknowledges receipt of a copy of the Plan.

Section 15. Code Section 409A Compliance. This Agreement and the Performance Share Units granted hereunder are intended to be exempt from Code Section 409A to the maximum extent possible, and shall be interpreted and construed accordingly.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Company has caused the Performance Share Units subject to this Agreement to be granted, and the Grantee has accepted the Performance Share Units subject to the terms of the Agreement, as of the date first above written.

NiSource Inc.

By: _____
Its: _____

SUBSIDIARIES OF NISOURCE

as of December 31, 2020

Segment/Subsidiary

GAS DISTRIBUTION OPERATIONS

Bay State Gas Company d/b/a Columbia Gas of Massachusetts
 Central Kentucky Transmission Company
 Columbia Gas of Kentucky, Inc.
 Columbia Gas of Maryland, Inc.
 Columbia Gas of Ohio, Inc.
 Columbia Gas of Pennsylvania, Inc.
 Columbia Gas of Virginia, Inc.
 NiSource Gas Distribution Group, Inc.

State of Incorporation

Massachusetts
 Delaware
 Kentucky
 Delaware
 Ohio
 Pennsylvania
 Virginia
 Delaware

ELECTRIC OPERATIONS

Northern Indiana Public Service Company LLC*
 RoseWater Wind Generation LLC
 RoseWater Wind Farm LLC
 Indiana Crossroads Wind Generation LLC
 Dunn's Bridge I Solar Generation LLC
 Dunn's Bridge II Solar Generation LLC
 Cavalry Solar Generation LLC
 Elliot Solar Generation LLC
 Fairbanks Solar Generation LLC
 Indiana Crossroads Solar Generation LLC

Indiana
 Indiana
 Delaware
 Indiana
 Delaware
 Delaware
 Delaware
 Delaware
 Delaware
 Delaware

CORPORATE AND OTHER OPERATIONS

Columbia Gas of Ohio Receivables Corporation
 Columbia Gas of Pennsylvania Receivables Corporation
 NIPSCO Accounts Receivable Corporation
 NiSource Corporate Group, LLC
 NiSource Corporate Services Company
 NiSource Development Company, Inc.
 NiSource Energy Technologies, Inc.
 NiSource Strategic Sourcing Inc.
 NiSource Insurance Corporation, Inc.
 Lake Erie Land Company
 NiSource Retail Services, Inc.
 EnergyUSA-TPC, Inc.

Delaware
 Delaware
 Indiana
 Delaware
 Delaware
 Indiana
 Indiana
 Ohio
 Utah
 Indiana
 Delaware (Inactive)
 Indiana (Inactive)

* Reported under Gas Distribution Operations and Electric Operations.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in Registration Statement No. 333-234422 on Form S-3, Registration Statement Nos. 333-107743, 333-166888, 333-228102, 333-233382, 333-238501, 333-248405 on Form S-8, and Registration Statement Nos. 333-228790 and 333-228791 on Form S-4 of our reports dated February 17, 2021, relating to the consolidated financial statements of NiSource Inc. and subsidiaries (the “Company”) and the effectiveness of the Company’s internal control over financial reporting appearing in this Annual Report on Form 10-K for the year ended December 31, 2020.

/s/ DELOITTE & TOUCHE LLP
Columbus, Ohio
February 17, 2021

**Certification Pursuant to
Section 302 of the Sarbanes-Oxley Act of 2002**

I, Joseph Hamrock, certify that:

1. I have reviewed this Annual Report on Form 10-K of NiSource Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 17, 2021

By:

/s/ Joseph Hamrock
Joseph Hamrock
President and Chief Executive Officer

**Certification Pursuant to
Section 302 of the Sarbanes-Oxley Act of 2002**

I, Donald E. Brown, certify that:

1. I have reviewed this Annual Report on Form 10-K of NiSource Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 17, 2021

By: /s/ Donald E. Brown
 Donald E. Brown
 Executive Vice President, Chief Financial Officer, and President of
 NiSource Corporate Services

**Certification Pursuant to
Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the Annual Report of NiSource Inc. (the “Company”) on Form 10-K for the year ending December 31, 2020 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Joseph Hamrock, Chief Executive Officer of the Company, certify, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

/s/ Joseph Hamrock

Joseph Hamrock
President and Chief Executive Officer

Date: February 17, 2021

**Certification Pursuant to
Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the Annual Report of NiSource Inc. (the “Company”) on Form 10-K for the year ending December 31, 2020 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Donald E. Brown, Executive Vice President and Chief Financial Officer of the Company, certify, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

/s/ Donald E. Brown

Donald E. Brown

Executive Vice President, Chief Financial Officer, and President of NiSource
Corporate Services

Date: February 17, 2021

RENEWING OUR COMMITMENT

> 2019 INTEGRATED ANNUAL REPORT



THE ENERGY WORLD IS CHANGING RAPIDLY.

**DURING 2019 WE
CONTINUED TO ADAPT,
DRIVEN BY OUR GOAL
OF RANKING AMONG
THE COUNTRY'S
PREMIER REGULATED
GAS AND ELECTRIC
COMPANIES.**

SAFETY IS FOUNDATIONAL

In all our efforts, safety leadership remains our foundational commitment. We are advancing that commitment with accelerated implementation of a Safety Management System, or SMS, across our company. Through SMS – aligned with a framework developed for pipeline operators by the American Petroleum Institute – we are increasing our rigor in identifying risks and taking action to keep our customers, communities, employees and contractors safe.

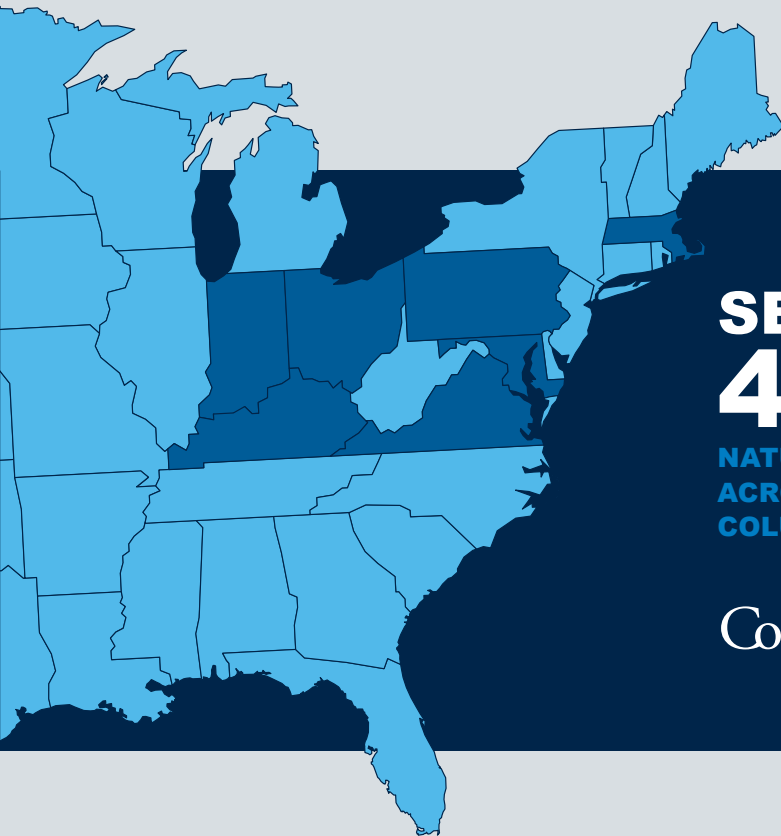
REBUILDING TRUST

We reached a milestone last fall when the National Transportation Safety Board (NTSB) issued its final report on the September 2018 event in the Merrimack Valley of Massachusetts, and accepted our responses to its last two remaining urgent safety recommendations (the other two were accepted in July 2019). And we've

made substantial progress on enhancing our emergency preparedness and response capabilities, which was the subject of a September 2019 NTSB recommendation. While safety is our No. 1 priority, we're also working to regain the trust of all our stakeholders following that tragic event.

Reflecting this commitment, we have completed our restoration efforts in Andover, Lawrence and North Andover, Massachusetts, including replacing all affected customer equipment and restoring outdoor areas disturbed by our 2018 construction work. Further, a dedicated team remains in place to provide continued support to affected customers. And we have made safety enhancements to low-pressure gas systems across our seven states.

We also announced in February 2020 that we have agreed to sell Columbia Gas of Massachusetts (CMA) to Eversource Energy,



SERVING NEARLY 4 MILLION

NATURAL GAS AND ELECTRIC CUSTOMERS
ACROSS SEVEN STATES UNDER OUR
COLUMBIA GAS AND NIPSCO BRANDS.

Columbia Gas®
A NiSource Company

NIPSCO®
A NiSource Company

New England's largest energy delivery company. We believe this transaction will create the right next chapter for the customers and communities that CMA serves throughout the state, as well as its dedicated employees. (For additional information, please see the article on page 16.)

TRANSFORMING OUR ELECTRIC BUSINESS

We made significant progress in 2019 on transforming our electric business. We have three wind projects in progress in Indiana and are actively seeking additional renewable resources to replace our coal-fired generating capacity, all of which is scheduled to be retired by 2028. From a base year of 2005, these initiatives are expected to drive a 90 percent reduction in NiSource's greenhouse gas emissions by 2030, and to save customers more than \$4 billion over 30 years.

We also continued to execute on our seven-year electric infrastructure modernization

program that we began in 2016. This included enhancements to our electric transmission and distribution system designed to further improve system safety and reliability. These strategies were supported by the successful conclusion of our electric base rate case, which also contained elements that reduce our risk profile.

SUPPORTING SUSTAINABILITY

In September 2019, NiSource was named to the Dow Jones Sustainability North America Index for the sixth consecutive year. We are one of three U.S. multi-utility companies on the list, which acknowledges advancements we continue to make in our sustainability strategy.

This includes aggressive greenhouse gas reduction targets and executing against more than \$30 billion of long-term infrastructure and safety investments over 20 years. We are committed to delivering energy safely, reliably and in an environmentally responsible and sustainable way.

LONG-TERM GROWTH FOR INVESTORS

NiSource results in 2019 met our financial commitments to investors. We delivered full-year non-GAAP net operating earnings per share of \$1.32*, near the top of our guidance range for the year. We made \$1.9 billion in capital infrastructure and safety investments in our gas and electric systems, while maintaining our current investment-grade credit ratings and executing on our regulatory plan.

Due to the expected closing of the CMA transaction later this year, we have withdrawn our 2020 net operating earnings per share (non-GAAP) guidance of \$1.36 to \$1.40. However, we still expect to make capital investments of \$1.8 to \$1.9 billion this year, and we expect we will no longer need a block equity issuance in 2020.

The long-term growth opportunity for our remaining operating companies is unchanged. As a result, following completion of the CMA transaction, we expect to initiate 2021 net operating earnings per share guidance and

establish a 5 to 7 percent long-term growth rate for both net operating earnings per share (non-GAAP) and our dividend, with 2021 as the base year. This new long-term guidance is expected to be extended beyond 2022 to include significant investments related to our electric generation strategy.

CONTINUOUS LEARNING AND IMPROVEMENT MINDSET

We are committed to continually improving the safety, reliability and environmental performance of our systems, service quality for customers and our employee experience, all with a goal of delivering increasing value for all of our stakeholders.

I want to thank our Board of Directors, management team and the entire NiSource team for their dedication and hard work that contributed to the company's success in 2019, and look forward to working together energetically to further deliver on our commitments in

2020 AND BEYOND.

*Net operating earnings per share (non-GAAP); for a reconciliation to GAAP, see Schedule 1 on page 26. See also Regulation G statement on the inside back cover.



JOE HAMROCK
President and CEO
NiSource Inc.
March 13, 2020



BOARD OF DIRECTORS

Kevin T. Kabat

Chairman of the Board, NiSource, Retired
Vice Chairman and CEO, Fifth Third Bancorp

Peter A. Altabef

Chairman and CEO, Unisys Corporation

Theodore H. Bunting, Jr.

Retired Group Vice President, Utility
Operations, Entergy Corporation

Eric L. Butler

President and CEO, Aswani-Butler Investment
Associates and Retired Executive Vice
President, Union Pacific Corporation

Aristides S. Candris

Retired President and CEO,
Westinghouse Electric Company

Wayne S. DeVeydt

Executive Chairman of the Board,
Surgery Partners, Inc.

Joseph Hamrock

President and CEO, NiSource Inc.

Deborah A. Henretta

Partner, G100 Companies and Retired Group
Vice President, Procter & Gamble Co.

Deborah A. P. Hersman

Chief Safety Officer, Waymo LLC
and Former Chair, National Transportation
Safety Board (NTSB)

Michael E. Jesanis

Managing Director, HotZero LLC and Retired
President and CEO, National Grid USA

Carolyn Y. Woo

Retired President and CEO, Catholic Relief
Services

BOARD OF DIRECTORS WORKFORCE STATS

(As of March 1, 2020)

11 Total

73% Men, 27% Women, 27% Minorities

SENIOR MANAGEMENT TEAM

Joseph Hamrock

President and Chief Executive Officer

Donald E. Brown

Executive Vice President and Chief Financial Officer

Carrie J. Hightman

Executive Vice President and Chief Legal Officer

Violet G. Sistovaris

Executive Vice President and President, NIPSCO

Pablo A. Vegas

Executive Vice President and President, Gas Utilities

Chuck Shafer

Senior Vice President and Chief Safety Officer

Suzanne K. Surface

Chief Services Officer

Ken Keener

Senior Vice President and Chief Human Resources Officer

Peter T. Disser

Vice President, Internal Audit

SENIOR MANAGEMENT TEAM WORKFORCE STATS *(As of March 1, 2020)*

9 Total

67% Men, 33% Women, 22% Minorities

QUALITY REVIEW BOARD

Ray LaHood

Quality Review Board Chair
Former Secretary, U.S. Dept. of Transportation

John Durham

Retired Director, ENERCON Services

Gary Harland

President, Work Management Inc.

Cynthia Quarterman

Former Administrator, Pipeline and Hazardous
Materials Safety Administration

John Cox

President and CEO, Safety Operating Systems

Jeff Wiese

Vice President, TRC Companies

REFLECTING

on my first year as Chairman of the NiSource Board of Directors, it has been a year of sharp focus on the continuing recovery from the tragic September 2018 event in the Merrimack Valley of Massachusetts. We worked diligently to rebuild the three impacted communities and support our customers in the valley and beyond. In addition, we executed a robust capital investment program while maintaining a focus on the things that matter most to all of our stakeholders – safety, service reliability, sustainability and long-term value for our shareholders.

We have a highly skilled Board of Directors and senior management team armed with the knowledge and diversity of business experience needed to make sound strategic decisions on behalf of all our constituents. It has been a privilege to work with them in overcoming challenges and driving toward our goal of being a premier regulated gas and electric company.

Our most critical priority in 2019 was to advance our culture of safety to protect our customers, communities, employees and contractors – and this will endure as our top priority. Central to that is our accelerated Safety Management System (SMS) implementation, which has led to enhanced risk management processes for our gas and electric operations.

**RELENTLESS
CHAMPIONS OF
SAFETY,
SERVICE AND
COMFORT**

We also were pleased to welcome Deborah Hersman to the Board. She is an experienced safety executive, having served as Chair of the National Transportation Safety Board and CEO of the National Safety Council. Her perspective is invaluable as we continue to improve our safety performance.

Our core commitment to safety is an important element of our comprehensive focus on sustainability. We are transitioning from coal-fired to renewable generation in our electric business, and we are fully committed to investments in our gas business that are designed to drive safe, reliable, modern service with better environmental performance.

We also commend our employees in their commitment to serving customers and enhancing stakeholders' experiences with our companies. Their dedication extends into our communities, where they give hours of their time to volunteerism. This is a hands-on element of NiSource's focus on social responsibility, which includes charitable contributions of nearly \$4.9 million made to education and other community initiatives in 2019.

The Board of Directors is committed to working closely with – and continuing to challenge – Joe and the senior management team as we work together toward achieving our common goals for our stakeholders and enhancing value for our shareholders.

KEVIN KABAT

Chairman of the Board | NiSource Inc. | March 13, 2020



RENEWING OUR COMMITMENT

During 2019, across NiSource, we recommitted ourselves to delivering value for our customers, communities, investors and business partners as well as improving the employee experience. On behalf of all stakeholders, we strengthened our safety culture, continued to modernize our energy delivery infrastructure, made significant strides in transforming our electric business, and continued to contribute to the communities where we live and work. This renewal of our core commitments positions us well for further sustainable growth and success going forward.

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CHAMPIONING SAFETY

In 2019, we enhanced the rigor of our safety commitment through a significant investment of time and resources in accelerating implementation of a Safety Management System (SMS). SMS is a comprehensive approach to managing safety that has been a decisive factor in reducing incidents in the aviation and nuclear power industries. It emphasizes continual assessment and improvement and mitigating potential risks before they happen.



Our SMS vision is to lead and exceed the industry in safety. In our culture, everyone is empowered to identify and report risk, which is the foundation for enhancing process safety with layers of protection and building accountability for effective asset management to reduce risk.

In 2019, we made substantial progress in shifting SMS from a project to full organizational ownership, realigning our teams to better protect our employees, contractors, customers and communities. Major safety accomplishments include:



ADDING

safety expert and former chair of the National Transportation Safety Board (NTSB) Deborah Hersman to our Board of Directors.



CREATING

a new Chief Safety Officer position, filled by NiSource executive Chuck Shafer, reporting directly to CEO Joe Hamrock.



INTEGRATING

safety, compliance and risk management functions at each NiSource operating company and at the corporate level and increasing related staffing and capabilities.



ESTABLISHING

a Corrective Action Program (CAP) tool and process for employees to use to report risks. In 2019, 1,536 CAPs were initiated, of which 450 were processed and closed.



IMPLEMENTING

the National Transportation Safety Board's urgent safety recommendations following the September 2018 event in Massachusetts.



TRAINING

nearly 90 percent of our Gas Segment employees on SMS in 2019; the remainder will be trained this year.



DEFINING

asset classes and an integrated planning process structure, including documenting SMS standards, policies and processes.



EMPOWERING

our people to own safety and stop work whenever they see an employee, business partner or member of the public who is at risk of harm.



While we made great progress in 2019, we have more to do to improve safety. We did not hit our milestones in several key areas related to employee safety. We continue to focus on building a culture of safety – identifying specific corrective actions we can take to work safer. Protecting our employees, contractors, customers and communities is – and will remain – our top priority, the compass that guides all our actions and decisions. Nothing is more important.

CORRECTIVE ACTION PROGRAM (CAP) AT WORK

Our Corrective Action Program (CAP) gives employees a voice to report issues, risks or concerns they observe. Kentucky Plant/Service Combo Tech Jamie Ensminger submitted a CAP to recommend the use of pipeline markers as a safer, more permanent solution to mark difficult-to-locate gas lines at intersections and heavy traffic areas. Jamie saw the asphalt markers used in Merrimack Valley and thought they could be used to help reduce the risks associated with locating gas lines in high risk areas.

About the size of poker chips, the devices are implanted flush to the ground and can be driven and walked over. They permanently mark a line and, once in place, a GPS tech can record the location of the devices. Even if the markers are covered with snow, dirt or blacktop, technicians can use GPS information to find the gas line. A pilot program to test durability and cost-effectiveness of the pipeline markers in Kentucky is underway.

Thanks, Jamie!



QUALITY REVIEW BOARD (QRB)

We appointed a Quality Review Board, a group of six independent experts who evaluate and provide recommendations for the development, implementation and overall management of SMS based on their experiences and lessons learned across diverse backgrounds spanning the nuclear, aviation and energy industries. They meet regularly to validate the rigor, quality, thoroughness and completeness of our SMS work.



Through its implementation of SMS, establishment of an independent Quality Review Board to oversee that work, as well as the other safety enhancements and culture-driving changes it has made, NiSource is clearly an industry leader.

Ray LaHood

Chairman, NiSource Quality Review Board, former U.S. Congressman and U.S. Secretary of Transportation

SAFETY AND INFRASTRUCTURE INVESTMENTS BY THE NUMBERS

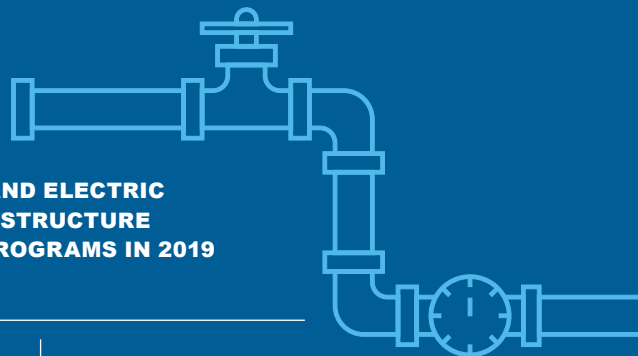
**\$30
BILLION**

IN IDENTIFIED LONG-TERM INVESTMENTS



**~\$1.9
BILLION**

INVESTED IN GAS AND ELECTRIC SAFETY AND INFRASTRUCTURE MODERNIZATION PROGRAMS IN 2019



**337
MILES**

OF PRIORITY PIPE REPLACED IN 2019

**33
MILES**

OF UNDERGROUND ELECTRIC CABLE REPLACED IN 2019



1,959

ELECTRIC POLES REPLACED IN 2019




>1,000

LOW PRESSURE GAS SYSTEM SAFETY ENHANCEMENTS, INCLUDING THE INSTALLATION OF AUTOMATIC SHUT-OFF DEVICES TO PROTECT AGAINST OVERPRESSURIZATION



TRANSFORMING OUR ELECTRIC BUSINESS

Our plans call for retiring all of our remaining coal-fired electric generation by 2028, and we plan to have nearly 80 percent retired by 2023. This capacity will be replaced with lower-cost, reliable and cleaner options. As a result, the plan would save Northern Indiana Public Service Company (NIPSCO) electric customers more than \$4 billion over 30 years and is expected to drive a 90 percent reduction in our greenhouse gas emissions by 2030, from a base year of 2005.



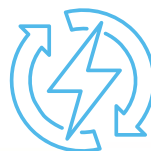
One key to achieving this goal for our electric business is the addition of wind power to our generation portfolio. During 2019, we reached commercial agreements on multiple wind projects in Indiana.

NIPSCO was one of the nation's top three wind power purchasers (AT&T and Walmart were the others) in 2019, according to the American Wind Energy Association, which reported that utilities represented 60 percent of wind power purchase activity in 2019. In December 2019, the Federal Energy Regulatory Commission (FERC) approved NIPSCO's Section 203 and 205 applications for **Rosewater**, one of three wind projects announced early in the year. The Indiana Utility Regulatory Commission (IURC) had previously approved the joint venture and ownership agreement for Rosewater, as well as applications for two other projects – **Jordan Creek** and **Roaming Bison**.

While Roaming Bison has since been cancelled due to local zoning restrictions, construction is underway on both Rosewater and Jordan Creek, which are expected to be in service by the end of 2020. The IURC in early 2020 also approved NIPSCO's application for a fourth wind project, **Indiana Crossroads**, a joint venture with EDP Renewables North America. Indiana Crossroads is expected to be in operation by the end of 2021.

Our Indiana electric team is also working to identify additional resources to replace our retiring coal generation capacity. It completed a Request for Proposals process in November 2019 and has begun discussions with a number of commercial bidders who responded. In addition, NIPSCO continues to execute on its seven-year electric infrastructure modernization program that we put in place in 2016. This includes:

**\$1.2
BILLION**



**OF ENHANCEMENTS TO THE
ELECTRIC TRANSMISSION AND
DISTRIBUTION SYSTEM IN 2019
DESIGNED TO FURTHER IMPROVE
SYSTEM SAFETY AND RELIABILITY.**

On the state regulatory front, NIPSCO secured IURC approval in December 2019 of its electric base rate case, with new rates effective in January 2020. The outcome of the case supported our electric generation strategy, with new depreciation schedules related to the early retirement of our coal-fired generation. The IURC order also established a return on equity of 9.75 percent, reflecting a reduced business risk profile and a new more flexible service and rate structure for our industrial customers.

PRESERVING OUR ENVIRONMENT

In everything we do, we consider the economic, social and environmental impact of our operations. We're making significant investments to ensure that we can continue to deliver energy to our customers where and when they need it, and in a way that is affordable and environmentally responsible.

ENVIRONMENTAL IMPACT TARGETS

	2025 REDUCTIONS FROM 2005 LEVELS	2030 REDUCTIONS FROM 2005 LEVELS		GREENHOUSE GAS REDUCTIONS FROM 2005 LEVELS
NITROGEN OXIDES, SULFUR DIOXIDE AND MERCURY	90%	99%	ON TRACK	50% BY 2025 90% BY 2030
WATER WITHDRAWAL	90%	99%	ON TRACK	
WASTEWATER DISCHARGE	60%	99%	ON TRACK	
COAL ASH GENERATED	50%	100%	ON TRACK	
GREENHOUSE GAS (ELECTRIC GENERATION)	50%	90%+	ON TRACK	
METHANE (PIPELINE REPLACEMENT)	50%	50%+	ON TRACK	

TRANSITIONING TO LOWER-COST, RENEWABLE ENERGY SOURCES

We are taking steps to ensure a cleaner, more sustainable energy future.

Our plans to retire all of our coal-fired electric generation by 2028 and replace that capacity with lower-cost, cleaner energy sources is projected to result, by 2030 – compared with a base year of 2005 – in a 90 percent reduction of greenhouse gas emissions, a 100 percent reduction of coal ash generated and a 99 percent reduction of water withdrawal, wastewater discharge, and nitrogen oxides, sulfur dioxide, and mercury air emissions. It also is projected to result in more than \$4 billion in long-term cost savings for customers over 30 years.



90%
REDUCTION
OF GREENHOUSE GAS EMISSIONS



99%
REDUCTION
OF WATER WITHDRAWAL,
WASTEWATER DISCHARGE, AND
NITROGEN OXIDES, SULFUR DIOXIDE,
AND MERCURY AIR EMISSIONS



100%
REDUCTION
OF COAL ASH GENERATED



\$4
BILLION
IN LONG-TERM COST
SAVINGS FOR CUSTOMERS

REDUCING EMISSIONS IN OUR GAS DISTRIBUTION OPERATIONS

Through our modernization programs and the five-year effort we initiated in 2016 through U.S. EPA's Natural Gas STAR Methane Challenge Program, our companies collectively have reduced pipeline methane emissions by 37 percent compared with 2005 levels. Further, we remain on track to reach our 50 percent methane reduction target by 2025. We also want to help customers reduce their carbon emissions through participation in our programs for energy-efficiency upgrades, home check-ups and weatherization services. In 2019:



MORE THAN
**ONE
MILLION**
CUSTOMERS
PARTICIPATED



NEARLY
**\$21
MILLION**
SAVINGS WERE ACHIEVED
ON THEIR ENERGY BILLS



CONTINUING TO HELP OUR POLLINATORS

We are committed to transforming our pipeline rights-of-way into pollinator habitats. This effort was recognized in 2019 by the Wildlife Habitat Council (WHC). It awarded Columbia Gas of Ohio's right-of-way program the WHC Conservation Certification as Certified Silver – which acknowledges the

company's leadership among more than 700 WHC Conservation Certification programs. Right-of-way sites in Ohio were identified and converted into pollinator habitats through the planting of native grasses and pollinator plants, such as common milkweed, coneflower and butterfly milkweed, which attract butterflies and bees. Right-of-way programs also were launched in Kentucky and Pennsylvania.



SUSTAINABILITY REPORTS

In August 2019 we published our 2018 Climate Report, a detailed description of progress toward achieving our targets for greenhouse gas emissions reduction. In the report, we also commit to delivering the most cost-effective, balanced and reliable energy to our customers and to supporting local economies in the communities we serve. The report incorporates recommendations from the Task Force on Climate-Related Financial Disclosures (TCFD) to disclose governance, strategy, risk management and metrics around climate-related risks and opportunities.

In addition to our Climate Report, we collaborated with the American Gas Association (AGA) and the Edison Electric Institute (EEI) on development of their joint environmental, social, governance (ESG) and sustainability reporting template. It provides investors with both quantitative and qualitative information on a uniform basis. We plan to utilize this template for our 2019 ESG and sustainability reporting later this year.



Our latest ESG and sustainability documents, including our 2018 Climate Report, are available on our website at [Nisource.com/company/sustainability/reports-and-policies](https://www.nisource.com/company/sustainability/reports-and-policies)

CREATING THE NEXT CHAPTER FOR COLUMBIA GAS OF MASSACHUSETTS



Since the September 2018 event in the Merrimack Valley of Massachusetts, we have cooperated fully with the National Transportation Safety Board in addressing its recommendations and have dedicated approximately \$1 billion towards serving the needs of local customers, residents and communities.

As a further development, we announced on February 26, 2020, that we reached a plea agreement with the U.S. Attorney for the District of Massachusetts intended to resolve the criminal investigation into the September 2018 event. We agreed to pay a \$53 million fine and to pursue a sale of Columbia Gas of Massachusetts (CMA). Later that day, we announced an agreement to sell CMA's assets to Eversource Energy, New England's largest energy delivery company, for \$1.1 billion in cash, subject to closing conditions.

This followed a thorough evaluation by our Board and management team, who believe the sale of CMA to Eversource is in the best interests of all of our stakeholders, including shareholders, customers, employees and the local communities. It will provide Columbia Gas employees an opportunity to join a strong organization with deep roots in the region and a commitment to investing to further enhance safety, pipeline integrity and reliability. Until the transaction closes, which is expected to occur by end of the third quarter of 2020, we will continue to focus on driving customer safety and service at CMA and making further enhancements to all areas of operations. In addition, through 2019, we have:



SETTLED

all major civil claims regarding damages from the event.



PROVIDED

more than \$10 million to Merrimack Valley customers in energy efficiency incentives and services.



RE-SEEDED

more than 3,500 properties and completed approximately 300 repairs to shrubs, walkways and landscaping.



DONATED

more than \$20 million to local communities and charities.



RE-PAVED

four Massachusetts state roads, more than 150 driveways, private roads and commercial lots, and poured approximately 870 concrete projects.



MAINTAINED

operation of the Lawrence Customer Care Center, which will remain open through September 2020 to continue serving customers.



COMPLETED

verification that approximately 5,000 former gas service lines abandoned as part of the recovery effort are now compliant with federal, state and Columbia Gas requirements.

What happened in 2018 was tragic, and we have taken responsibility for it as well as significant restoration and safety steps since then. The expected sale will allow CMA to be part of a strong local gas distribution network at Eversource dedicated to system reliability and safety – further fulfilling our commitment to residents and businesses.



SERVING OUR CUSTOMERS AND **COMMUNITIES**

OUR GOAL IS TO CONTINUOUSLY IMPROVE

the levels of service we provide our customers, meeting their evolving needs safely and reliably across our seven-state footprint. This is an ongoing process that we take very seriously.

Our customer satisfaction survey results (CSAT) held steady from 2018 to 2019, although our state operating companies are showing continuous improvement overall in year-over-year scores from consumer studies conducted by J.D. Power & Associates. Spurred by customer feedback across multiple channels, we are committed to attaining top-tier customer satisfaction scores.

ENHANCING CUSTOMERS' EXPERIENCE

During 2019, we focused on making foundational upgrades to our customers' experience. For example, we launched new customer-facing websites for Columbia Gas and NIPSCO that are easy to navigate and that adjust to all devices and browsers. Making it more convenient for customers to engage with us has enhanced their levels of satisfaction.

A primary use of these high-touch channels is for paying bills. Customers in five of the seven states in which we operate can now use PayPal

as a payment method, which makes paying energy bills as easy as paying other day-to-day expenses. Customers also can choose to receive emergency alerts via phone call, text message or email. During the year, we worked with our state operating companies to sharpen our vision for delivering safety, service and comfort, driving an even clearer focus on our customers.

WELCOMING NEW CUSTOMERS AND THOSE MOVING

We also conducted a pilot program in Ohio for new residential customers and those who were moving. The program was designed to help them set up their online accounts as well as to receive safety and energy efficiency information. This "Welcome Series" will be expanded to all states in 2020 due to the pilot's success.



ENRICHING OUR COMMUNITIES IN 2019

14,450 HOURS SPENT

volunteering at local nonprofits that support education, health and human services and family welfare initiatives.

\$289,000 CONTRIBUTED

to organizations through the NiSource Charitable Foundation Dollars for Doers program, which matches each employee's volunteerism with a financial contribution from the foundation.

\$4.9 MILLION

was contributed to organizations in communities throughout our operating area, with about \$1.5 million coming from the NiSource Charitable Foundation.

EMPOWERING OUR TEAM



EMPLOYEES ARE THE LIFEBLOOD OF ANY ORGANIZATION,

and we are dedicated to offering educational and developmental opportunities that enable our employees to progress and reach their full potential.

We have been focused for several years on diversifying our leadership ranks at the manager level and above. And we have made progress in this area, with 2019 female representation at these levels increasing four percentage points compared to 2017, and minority representation increasing three percentage points over the same period. Our aspiration is to have a workforce that matches the qualified talent available in the communities we serve. We recognize that we have a gap between female and minority representation and available talent at the manager level and above. We continue to be intentional about closing those gaps through both our talent acquisition and internal leadership development efforts, which are summarized below.



LEADERSHIP DEVELOPMENT AND TRAINING

Through learning experiences in the classroom and online, as well as direct mentoring and coaching, this initiative is designed to support all current and future NiSource leaders in their efforts to improve their leadership capabilities.

In 2019, more than 6,000 field and office-based employees of all levels participated in a leadership-based learning or development program.



NISOURCE MENTORING PROGRAM

To expand our roster of traditionally underrepresented leaders, this initiative focuses on developing and retaining high-potential employees of diverse backgrounds.

Nineteen leaders participated in the NiSource Mentoring Program in 2019, benefitting from networking opportunities and mentoring from our senior leaders.



TARGETED DEVELOPMENT FOR DIVERSE TALENT PROGRAM

This program supports the career development of high-performing individual contributors, supervisors or managers who are either female or ethnically diverse. Participants are matched with NiSource leaders, acting as career guides, to receive enhanced coaching and support designed to help them create and work through their career development plans. Nearly 30 employees participated in the Targeted Development for Diverse Talent program in 2019.

SUPPORTING EMPLOYEES THROUGH TRANSITIONS

A critical part of our electric generation strategy is planning for a thoughtful transition for our employees. We have a cross-functional team studying future workforce demand across NiSource to determine where we are able to transition impacted generation employees to new roles, and focus on retraining and retooling as needed. We are actively exploring partnerships both internally and externally to design transitions that minimize the disruption to our workforce and customers.



IMPORTANCE OF DIVERSITY AND INCLUSION

Our employees are passionate about inclusion and diversity. One of the ways they can get involved and make a difference is by participating in Employee Resource Groups (ERGs) and Inclusion and Diversity (I&D) Councils. Open to all employees, these councils:

- ✓ Recruit, retain and accelerate the development of employees.
- ✓ Participate in community service efforts that impact our customers and communities.
- ✓ Serve as a collaborative voice around shared issues and concerns.
- ✓ Broaden understanding and awareness of inclusion, diversity and cultural competence.

DIVERSITY IN ACTION

Sydnee Crews, a NiSource leader in customer care and energy assistance, first found herself captivated with volunteerism during a stint in Malawi, where her team taught English to locals, provided basic medical care and helped with construction projects. Over time, Sydnee's volunteerism has continued, and she is now focused on people who are often overlooked, particularly black women and the LGBTQ community. Sydnee brings her passion and love for people to NiSource, through volunteering and through the employee resource group she helped found: **NiPRIDE**. NiPRIDE exists to recruit, retain, develop and support LGBTQ employees and allies by fostering a safe and inclusive environment while furthering the spirit of diversity and inclusion. The group meets weekly, and representatives from throughout NiSource marched in 2019 Pride parades.



“ In terms of LGBTQ inclusion, NiSource is doing a good job of starting a conversation. When we started NiPRIDE, we weren't sure how it would be received, but it's been great. The more diversity of thought we have as a company, the better equipped we'll be to serve our customers.

Sydnee Crews

NiSource leader in customer care and energy assistance

EMPLOYEE POPULATION

AS OF DECEMBER 31, 2019

8,363
TOTAL
EMPLOYEES

72% MEN

28% WOMEN

15% MINORITY

776
TOTAL
MANAGEMENT
(MANAGER AND ABOVE)

67% MEN

33% WOMEN

14% MINORITY

GENERATIONS

<1% TRADITIONALISTS
(1925-1948)

24% BABY BOOMERS
(1949-1964)

27% GENERATION X
(1965-1976)

49% MILLENNIALS /
GENERATION Y
(1977-PRESENT)

VOLUNTEERISM REACHES NEW HEIGHTS

Volunteering and a focus on inclusion and diversity come from the same root – a compassionate heart. NiSource employees are active in our communities throughout the year, but June 2019 marked our first ever Volunteer Blitz. This is a month to come together as a company in support of the important services provided by local non-profit organizations. Employees submit their volunteer hours to the NiSource Charitable Foundation Dollars for Doers program, which recognizes employee volunteerism by donating \$20 per hour for volunteer time, up to 25 hours per person per year.

SIGNIFICANT RECOGNITION IN 2019

Dow Jones Sustainability Index

Recognizes our sustainable business practices and performance (6th consecutive year).

Bloomberg Gender-Equality Index

Recognizes our efforts to create a work environment that supports gender equality.

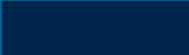
Forbes' America's Best Large Employers

Recognizes companies liked best by their employees (4th consecutive year).

FTSE4Good Index

Recognizes the performance of companies demonstrating strong Environmental, Social and Governance (ESG) practices.

FOCUSING ON OUR FINANCIAL PERFORMANCE



Our team's performance in 2019 demonstrated the resiliency of the NiSource business plan. Our employees remained relentlessly focused on safety and customer satisfaction. This included accelerating implementation of our Safety Management System (SMS), advancing our electric generation strategy in Indiana and making nearly \$1.9 billion of capital investments centered on infrastructure and safety in our gas and electric systems.

We also delivered 2019 non-GAAP net operating earnings of about \$495 million, or \$1.32* per share – near the top of our 2019 guidance range – compared with net operating earnings of \$463 million, or \$1.30* per share, in 2018. These results were accomplished while maintaining our current investment-grade credit ratings and executing on our regulatory plan.

The biggest drivers of our financial performance were higher net revenues due to the impact of our long-term infrastructure modernization investments, which were offset by increased safety-related spending and higher financing costs due largely to the September 2018 event in the Merrimack Valley of Massachusetts.

*Net operating earnings per share (non-GAAP); for a reconciliation to GAAP, see Schedule 1 on page 26. See also Regulation G statement on the inside back cover.

Due to the expected sale of Columbia Gas of Massachusetts (CMA) to Eversource Energy, which we announced in February 2020 (see article, pages 16-17), we have withdrawn our 2020 net operating earnings per share (NOEPS) non-GAAP guidance of \$1.36 to \$1.40. However, we still expect to make capital investments of \$1.8 to \$1.9 billion in 2020. We also expect the CMA transaction will enable us to eliminate our previously planned 2020 block equity issuance.

Once the CMA sale is completed, which we anticipate happening by the end of the third quarter, we expect to initiate 2021 net operating earnings per share guidance and establish a 5 to 7 percent long-term growth rate for both NOEPS and our dividend, with 2021 as the base year. This new long-term guidance is expected to be extended beyond 2022 to include significant investments related to our electric generation strategy.

As we work through the impact of the sale – by factoring in the elimination of the block equity dilution, the loss of CMA earnings and the expected dis-synergies in our remaining business – we believe that, at a minimum, the 2021 baseline will be at or above our withdrawn 2020 guidance.

FINANCIAL METRICS



\$1.32

2019 NON-GAAP
NET OPERATING
EARNINGS PER
SHARE*

\$0.88

2019 GAAP
EARNINGS
PER SHARE

\$0.80

2019 PER SHARE
ANNUAL DIVIDEND
(COMMON STOCK)

12.9%

2019 TOTAL
SHAREHOLDER
RETURN

\$0.84

2020 PER SHARE
ANNUAL DIVIDEND
PROJECTED
(COMMON STOCK)**

\$1.8

BILLION TO

\$1.9

BILLION
2020 CAPEX
PROJECTED

*Net operating earnings per share (non-GAAP); for a reconciliation to GAAP, see Schedule 1 on page 26.
See also Regulation G statement on the inside back cover.

**Dividends are subject to Board approval.

SCHEDULE 1 – Reconciliation of Consolidated Net Income (Loss) Available to Common Shareholders to Net Operating Earnings (Loss) Available to Common Shareholders (Non-GAAP) (*unaudited*)

	Three Months Ended December 31,		Twelve Months Ended December 31,	
(in millions, except per share amounts)	2019	2018	2019	2018
GAAP Net Income (Loss) Available to Common Shareholders	\$ (153.0)	\$ (19.8)	\$ 328.0	\$ (65.6)
Adjustments to Operating Income (Loss):				
Operating Revenues:				
Weather – compared to normal	(11.8)	(10.6)	(24.8)	(32.5)
Greater Lawrence Incident ⁽¹⁾	—	3.9	—	3.9
Operating Expenses:				
Plant retirement costs ⁽²⁾	—	—	—	3.3
Greater Lawrence Incident ⁽³⁾	(54.2)	379.0	(233.6)	830.6
Franchise rights impairment ⁽⁴⁾	209.7	—	209.7	—
Goodwill impairment ⁽⁵⁾	204.8	—	204.8	—
Loss on sale of fixed assets and impairments, net	0.1	0.8	—	1.2
Total adjustments to operating income (loss)	348.6	373.1	156.1	806.5
Other Income (Deductions):				
Greater Lawrence Incident – charitable contribution ⁽³⁾	—	10.4	—	20.7
Interest rate swap settlement gain	—	(25.0)	—	(46.2)
Loss on early extinguishment of long-term debt	—	—	—	45.5
Income Taxes:				
Tax effect of above items ⁽⁶⁾	(90.5)	(79.8)	(38.2)	(180.6)
Income taxes – discrete items ⁽⁷⁾	64.5	(117.0)	48.8	(117.0)
Total adjustments to net income (loss)	322.6	161.7	166.7	528.9
Net Operating Earnings Available to Common Shareholders (Non-GAAP)	\$ 169.6	\$ 141.9	\$ 494.7	\$ 463.3
Basic Average Common Shares Outstanding	377.2	369.4	374.6	356.5
GAAP Basic Earnings (Loss) Per Share	\$ (0.41)	\$ (0.05)	\$ 0.88	\$ (0.18)
Adjustments to basic earnings (loss) per share	0.86	0.43	0.44	1.48
Non-GAAP Basic Net Operating Earnings Per Share	\$ 0.45	\$ 0.38	\$ 1.32	\$ 1.30

⁽¹⁾Represents revenues not billed to impacted customers as a result of the Greater Lawrence Incident.

⁽²⁾Represents costs incurred associated with the retirement of Units 7 and 8 at Bailly Generating Station.

⁽³⁾Represents costs incurred for estimated third-party claims and related other expenses as a result of the Greater Lawrence Incident, net of insurance recoveries recorded.

⁽⁴⁾Represents a non-cash impairment of the Columbia of Massachusetts franchise rights as a result of recent events connected with the Greater Lawrence Incident.

⁽⁵⁾Represents a non-cash impairment of goodwill attributable to Columbia of Massachusetts as a result of recent events connected with the Greater Lawrence Incident.

⁽⁶⁾Income tax effect is calculated using the statutory tax rate by legal entity.

⁽⁷⁾2019 activity represents the non-deductible goodwill impairment (see footnote 5 above), non-deductible fines and penalties and adjustments to consolidated state deferred taxes related to the Greater Lawrence Incident. 2018 activity represents adjustments to the impact of the Tax Cuts and Jobs Act of 2017 due to regulatory actions in 2018.

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K



ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d)

OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2019

OR



TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)

OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 001-16189

NiSource Inc.

(Exact name of registrant as specified in its charter)

DE

(State or other jurisdiction of
incorporation or organization)

801 East 86th Avenue

Merrillville, IN

(Address of principal executive offices)

35-2108964

(I.R.S. Employer
Identification No.)

46410

(Zip Code)

(877) 647-5990

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol(s)	Name of Each Exchange on Which Registered
Common Stock, par value \$0.01 per share	NI	NYSE
Depository Shares, each representing a 1/1,000th ownership interest in a share of 6.50% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock, par value \$0.01 per share, liquidation preference \$25,000 per share and a 1/1,000th ownership interest in a share of Series B-1 Preferred Stock, par value \$0.01 per share, liquidation preference \$0.01 per share	NI PR B	NYSE

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☒ No ☐

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definition of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12-b-2 of the Exchange Act.

Large Accelerated Filer ☒ Accelerated Filer ☐ Emerging Growth Company ☐ Non-accelerated Filer ☐ Smaller Reporting Company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes ☐ No ☒

The aggregate market value of the registrant's common stock, par value \$0.01 per share (the "Common Stock") held by non-affiliates was approximately \$10,713,311,150 based upon the June 28, 2019, closing price of \$28.80 on the New York Stock Exchange.

There were 382,263,348 shares of Common Stock outstanding as of February 18, 2020.

Documents Incorporated by Reference

Part III of this report incorporates by reference specific portions of the Registrant's Notice of Annual Meeting and Proxy Statement relating to the Annual Meeting of Stockholders to be held on May 19, 2020.

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DEFINED TERMS

The following is a list of abbreviations or acronyms that are used in this report:

NiSource Subsidiaries, Affiliates and Former Subsidiaries

Columbia of Kentucky	Columbia Gas of Kentucky, Inc.
Columbia of Maryland	Columbia Gas of Maryland, Inc.
Columbia of Massachusetts	Bay State Gas Company
Columbia of Ohio	Columbia Gas of Ohio, Inc.
Columbia of Pennsylvania	Columbia Gas of Pennsylvania, Inc.
Columbia of Virginia	Columbia Gas of Virginia, Inc.
Company	NiSource Inc. and its subsidiaries, unless otherwise indicated by the context
CPG (former subsidiary)	Columbia Pipeline Group, Inc.
NIPSCO	Northern Indiana Public Service Company LLC
NiSource ("we," "us" or "our")	NiSource Inc.
NiSource Corporate Services	NiSource Corporate Services Company

Abbreviations

ACE	Affordable clean energy
AFUDC	Allowance for funds used during construction
AMR	Automatic meter reading
AMRP	Accelerated Main Replacement Program
AMT	Alternative Minimum Tax
AOCI	Accumulated Other Comprehensive Income
ASC	Accounting Standards Codification
ASU	Accounting Standards Update
ATM	At-the-market
Board	Board of Directors
BTA	Build-transfer agreement
CAP	Compliance Assurance Process
CCGT	Combined Cycle Gas Turbine
CCRs	Coal Combustion Residuals
CEP	Capital Expenditure Program
CERCLA	Comprehensive Environmental Response Compensation and Liability Act (also known as Superfund)
DPA	Deferred prosecution agreement
DPU	Department of Public Utilities
DSIC	Distribution System Investment Charge
DSM	Demand Side Management
ECT	Environmental Cost Tracker
EERM	Environmental Expense Recovery Mechanism
ELG	Effluent Limitation Guidelines
EPA	United States Environmental Protection Agency
EPS	Earnings per share
FAC	Fuel adjustment clause
FASB	Financial Accounting Standards Board

DEFINED TERMS

FERC.....	Federal Energy Regulatory Commission
FMCA.....	Federally Mandated Cost Adjustment
GAAP.....	Generally Accepted Accounting Principles
GCA.....	Gas cost adjustment
GCR.....	Gas cost recovery
GHG.....	Greenhouse gas
GSEP.....	Gas System Enhancement Program
GWh.....	Gigawatt hours
IRIS.....	Infrastructure Replacement and Improvement Surcharge
IRP.....	Infrastructure Replacement Program
IRS.....	Internal Revenue Service
IURC.....	Indiana Utility Regulatory Commission
LDCs.....	Local distribution companies
LIBOR.....	London inter-bank offered rate
LIFO.....	Last-in, first-out
MA DOR.....	Massachusetts Department of Revenue
Massachusetts Business.....	All of the assets being sold to, and liabilities being assumed by, Eversource pursuant to the Asset Purchase Agreement
MGP.....	Manufactured Gas Plant
MISO.....	Midcontinent Independent System Operator
MMDth.....	Million dekatherms
MW.....	Megawatts
MWh.....	Megawatt hours
NOL.....	Net Operating Loss
NTSB.....	National Transportation Safety Board
NYMEX.....	The New York Mercantile Exchange
NYSE.....	The New York Stock Exchange
OPEB.....	Other Postretirement and Postemployment Benefits
PCB.....	Polychlorinated biphenyls
PHMSA.....	U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration
PISCC.....	Post-in-service carrying charges
PPA.....	Power Purchase Agreement
PSC.....	Public Service Commission
PTC.....	Production Tax Credits
PUC.....	Public Utility Commission
PUCO.....	Public Utilities Commission of Ohio
RCRA.....	Resource Conservation and Recovery Act
ROU.....	Right of use
SAB.....	Staff accounting bulletin
SAVE.....	Steps to Advance Virginia's Energy Plan
Separation.....	The separation of our natural gas pipeline, midstream and storage business from our natural gas and electric utility business accomplished through a pro rata distribution to holders of our outstanding common stock of all the outstanding shares of common stock of CPG. The separation was completed on July 1, 2015.
SEC.....	Securities and Exchange Commission

DEFINED TERMS

SMRP	Safety Modification and Replacement Program
STRIDE.....	Strategic Infrastructure Development and Enhancement
Sugar Creek.....	Sugar Creek electric generating plant
TCJA	Tax Cuts and Jobs Act of 2017
TDSIC	Transmission, Distribution and Storage System Improvement Charge
U.S. Attorney's Office	U.S. Attorney's Office for the District of Massachusetts
VSCC	Virginia State Corporation Commission
WCE.....	Whiting Clean Energy

Note regarding forward-looking statements

This Annual Report on Form 10-K contains “forward-looking statements,” within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Investors and prospective investors should understand that many factors govern whether any forward-looking statement contained herein will be or can be realized. Any one of those factors could cause actual results to differ materially from those projected. These forward-looking statements include, but are not limited to, statements concerning our plans, strategies, objectives, expected performance, expenditures, recovery of expenditures through rates, stated on either a consolidated or segment basis, and any and all underlying assumptions and other statements that are other than statements of historical fact. All forward-looking statements are based on assumptions that management believes to be reasonable; however, there can be no assurance that actual results will not differ materially.

Factors that could cause actual results to differ materially from the projections, forecasts, estimates and expectations discussed in this Annual Report on Form 10-K include, among other things, our debt obligations; any changes to our credit rating or the credit rating of certain of our subsidiaries; our ability to execute our growth strategy; changes in general economic, capital and commodity market conditions; pension funding obligations; economic regulation and the impact of regulatory rate reviews; our ability to obtain expected financial or regulatory outcomes; our ability to adapt to, and manage costs related to, advances in technology; any changes in our assumptions regarding the financial implications of the Greater Lawrence Incident; compliance with the agreements entered into with the U.S. Attorney’s Office to settle the U.S. Attorney’s Office’s investigation relating to the Greater Lawrence Incident; the pending sale of the Columbia of Massachusetts business, including the terms and closing conditions under the Asset Purchase Agreement; potential incidents and other operating risks associated with our business; our ability to obtain sufficient insurance coverage and whether such coverage will protect us against significant losses; the outcome of legal and regulatory proceedings, investigations, incidents, claims and litigation; any damage to our reputation, including in connection with the Greater Lawrence Incident; compliance with applicable laws, regulations and tariffs; compliance with environmental laws and the costs of associated liabilities; fluctuations in demand from residential and commercial customers; economic conditions of certain industries; the success of NIPSCO's electric generation strategy; the price of energy commodities and related transportation costs; the reliability of customers and suppliers to fulfill their payment and contractual obligations; potential impairments of goodwill or definite-lived intangible assets; changes in taxation and accounting principles; the impact of an aging infrastructure; the impact of climate change; potential cyber-attacks; construction risks and natural gas costs and supply risks; extreme weather conditions; the attraction and retention of a qualified workforce; the ability of our subsidiaries to generate cash; our ability to manage new initiatives and organizational changes; the performance of third-party suppliers and service providers; changes in the method for determining LIBOR and the potential replacement of the LIBOR benchmark interest rate; and other matters set forth in Item 1A, “Risk Factors” of this report, many of which risks are beyond our control. In addition, the relative contributions to profitability by each business segment, and the assumptions underlying the forward-looking statements relating thereto, may change over time.

All forward-looking statements are expressly qualified in their entirety by the foregoing cautionary statements. We undertake no obligation to, and expressly disclaim any such obligation to, update or revise any forward-looking statements to reflect changed assumptions, the occurrence of anticipated or unanticipated events or changes to the future results over time or otherwise, except as required by law.

ITEM 1. BUSINESS

NISOURCE INC.

NiSource Inc. is an energy holding company under the Public Utility Holding Company Act of 2005 whose subsidiaries are fully regulated natural gas and electric utility companies serving approximately 4.0 million customers in seven states. NiSource is the successor to an Indiana corporation organized in 1987 under the name of NIPSCO Industries, Inc., which changed its name to NiSource on April 14, 1999.

NiSource is one of the nation's largest natural gas distribution companies, as measured by number of customers. NiSource's principal subsidiaries include NiSource Gas Distribution Group, Inc., a natural gas distribution holding company, and NIPSCO, a gas and electric company. NiSource derives substantially all of its revenues and earnings from the operating results of these rate-regulated businesses.

On September 13, 2018, a series of fires and explosions occurred in Lawrence, Andover and North Andover, Massachusetts related to the delivery of natural gas by Columbia of Massachusetts (referred to herein as the "Greater Lawrence Incident"). The Greater Lawrence Incident resulted in one fatality and a number of injuries, damaged multiple homes and businesses, and caused the temporary evacuation of significant portions of each municipality. The Massachusetts Governor's Office declared a state of emergency, authorizing the Massachusetts DPU to order another utility company to coordinate the restoration of utility services in Lawrence, Andover and North Andover. The incident resulted in the interruption of gas for approximately 7,500 gas meters, the majority of which served residences and approximately 700 of which served businesses, and the interruption of other utility service more broadly in the area. Columbia of Massachusetts has replaced the cast iron and bare steel gas pipeline system in the affected area and restored service to nearly all of the gas meters. Refer to Note 6, "Goodwill and Other Intangible Assets," Note 19-C, "Legal Proceedings," and E, "Other Matters," in the Notes to Consolidated Financial Statements for more information.

On February 26, 2020, NiSource and Columbia of Massachusetts (together with NiSource, "Seller") entered into an Asset Purchase Agreement (the "Asset Purchase Agreement") with Eversource, a Massachusetts voluntary association. Upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, NiSource and Columbia of Massachusetts agreed to sell to Eversource, with certain additions and exceptions: (1) substantially all of the assets of Columbia of Massachusetts and (2) all of the assets held by any of Columbia of Massachusetts' affiliates that primarily relate to the business of storing, distributing or transporting natural gas to residential, commercial and industrial customers in Massachusetts, as conducted by Columbia of Massachusetts, and Eversource agreed to assume certain liabilities of Columbia of Massachusetts and its affiliates. The liabilities assumed by Eversource under the Asset Purchase Agreement do not include, among others, any liabilities arising out of the Greater Lawrence Incident or liabilities of Columbia of Massachusetts or its affiliates pursuant to civil claims for injury of persons or damage to property to the extent such injury or damage occurs prior to the closing in connection with the Massachusetts Business. The Asset Purchase Agreement provides for a purchase price of \$1,100 million in cash, subject to adjustment based on Columbia of Massachusetts' net working capital as of the closing. The closing of the transactions contemplated by the Asset Purchase Agreement is subject to Hart-Scott-Rodino Antitrust Improvements Act of 1976 and regulatory approvals, resolution of certain proceedings before governmental bodies and other conditions. For additional information, see Note 26, "Subsequent Event," in the Notes to Consolidated Financial Statements.

NiSource's reportable segments are: Gas Distribution Operations and Electric Operations. The following is a summary of the business for each reporting segment. Refer to Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and Note 23, "Segments of Business," in the Notes to Consolidated Financial Statements for additional information for each segment.

Gas Distribution Operations

Our natural gas distribution operations serve approximately 3.5 million customers in seven states and operate approximately 60,000 miles of pipeline located in our service areas described below. Through our wholly-owned subsidiary NiSource Gas Distribution Group, Inc., we own six distribution subsidiaries that provide natural gas to approximately 2.7 million residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, Maryland and Massachusetts. Additionally, we distribute natural gas to approximately 839,000 customers in northern Indiana through our wholly-owned subsidiary NIPSCO.

Electric Operations

We generate, transmit and distribute electricity through our subsidiary NIPSCO to approximately 476,000 customers in 20 counties in the northern part of Indiana and engage in wholesale and transmission transactions. NIPSCO owns and operates two coal-fired electric generating stations: four units at R.M. Schahfer located in Wheatfield, IN and one unit at Michigan City located in Michigan City, IN. The two operating facilities have a generating capacity of 2,080 MW. NIPSCO also owns and operates Sugar Creek, a CCGT plant located in West Terre Haute, IN with generating capacity of 571 MW, three gas-fired generating units located at NIPSCO's coal-fired electric generating stations with a generating capacity of 186 MW and two hydroelectric generating plants with a generating capacity of 10 MW: Oakdale located at Lake Freeman in Carroll County, IN and Norway located at Lake Schahfer in White County, IN. These facilities provide for a total system operating generating capacity of 2,847 MW.

ITEM 1. BUSINESS

NISOURCE INC.

In May 2018, NIPSCO completed the retirement of two coal-burning units (Units 7 and 8) at Bailly Generating Station, located in Chesterton, IN. These units had a generating capacity of approximately 460 MW.

NIPSCO's transmission system, with voltages from 69,000 to 765,000 volts, consists of 3,005 circuit miles. NIPSCO is interconnected with five neighboring electric utilities. During the year ended December 31, 2019, NIPSCO generated 62.4% and purchased 37.6% of its electric requirements.

NIPSCO participates in the MISO transmission service and wholesale energy market. MISO is a nonprofit organization created in compliance with FERC regulations to improve the flow of electricity in the regional marketplace and to enhance electric reliability. Additionally, MISO is responsible for managing energy markets, transmission constraints and the day-ahead, real-time, FTR and ancillary markets. NIPSCO transferred functional control of its electric transmission assets to MISO, and transmission service for NIPSCO occurs under the MISO Open Access Transmission Tariff.

Business Strategy

We focus our business strategy on our core, rate-regulated asset-based businesses with most of our operating income generated from the rate-regulated businesses. Our utilities continue to move forward on core infrastructure and environmental investment programs supported by complementary regulatory and customer initiatives across all seven states in which we operate. Our goal is to develop strategies that benefit all stakeholders as we address changing customer conservation patterns, develop more contemporary pricing structures, and embark on long-term investment programs. These strategies are intended to improve reliability and safety, enhance customer service and reduce emissions while generating sustainable returns.

In its 2018 Integrated Resource Plan submission to the IURC, NIPSCO laid out a plan to retire the R.M. Schahfer Generating Station (Units 14, 15, 17, and 18) by 2023 and Michigan City Generating Station (Unit 12) by 2028. These units represent 2,080 MW of generating capacity, equal to 72% of NIPSCO's remaining capacity after the retirement of Bailly Units 7 and 8 in May of 2018. The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage to be obtained through a combination of NIPSCO ownership and PPAs. Refer to Note 19-E, "Other Matters," in the Notes to Consolidated Financial Statements for further discussion of these plans.

Competition and Changes in the Regulatory Environment

The regulatory frameworks applicable to our operations, at both the state and federal levels, continue to evolve. These changes have had and will continue to have an impact on our operations, structure and profitability. Management continually seeks new ways to be more competitive and profitable in this environment.

The Gas Distribution Operations companies have pursued non-traditional revenue sources within the evolving natural gas marketplace. These efforts include the sale of products and services upstream of the companies' service territory, the sale of products and services in the companies' service territories, and gas supply cost incentive mechanisms for service to their core markets. The upstream products are made up of transactions that occur between an individual Gas Distribution Operations company and a buyer for the sales of unbundled or rebundled gas supply and capacity. The on-system services are offered by us to customers and include products such as the transportation and balancing of gas on the Gas Distribution Operations company system. The incentive mechanisms give the Gas Distribution Operations companies an opportunity to share in the savings created from such situations as gas purchase prices paid below an agreed upon benchmark and their ability to reduce pipeline capacity charges with their customers.

Increased efficiency of natural gas appliances and improvements in home building codes and standards has contributed to a long-term trend of declining average use per customer. Residential usage for the year ended December 31, 2019 decreased primarily due to warmer weather in our operating area compared to the prior year. While historically rate design at the distribution level has been structured such that a large portion of cost recovery is based upon throughput rather than in a fixed charge, operating costs are largely incurred on a fixed basis and do not fluctuate due to changes in customer usage. As a result, Gas Distribution Operations have pursued changes in rate design to more effectively match recoveries with costs incurred. Each of the states in which Gas Distribution Operations operate has different requirements regarding the procedure for establishing changes to rate design. Columbia of Ohio restructured its rate design through a base rate proceeding and has adopted a decoupled rate design which more closely links the recovery of fixed costs with fixed charges. Columbia of Massachusetts received regulatory approval of a decoupling mechanism which adjusts revenues to an approved benchmark level through a volumetric adjustment factor. Columbia of Maryland and Columbia of Virginia have regulatory approval for a revenue normalization adjustment for certain customer classes, a decoupling mechanism whereby monthly revenues that exceed or fall short of approved levels are reconciled in subsequent months. In a prior base rate proceeding, Columbia of Pennsylvania implemented a pilot residential weather normalization adjustment. Columbia of Maryland, Columbia of Virginia and Columbia of Kentucky have had approval for a weather normalization adjustment

ITEM 1. BUSINESS

NiSOURCE INC.

for many years. In a prior gas base rate proceeding, NIPSCO implemented a higher fixed customer charge for residential and small customer classes moving toward full straight fixed variable rate design.

Natural Gas Competition. Open access to natural gas supplies over interstate pipelines and the deregulation of the commodity price of gas has led to tremendous change in the energy markets. LDC customers and marketers can purchase gas directly from producers and marketers as an open, competitive market for gas supplies has emerged. This separation or “unbundling” of the transportation and other services offered by pipelines and LDCs allows customers to purchase the commodity independent of services provided by the pipelines and LDCs. The LDCs continue to purchase gas and recover the associated costs from their customers. Our Gas Distribution Operations’ subsidiaries are involved in programs that provide customers the opportunity to purchase their natural gas requirements from third parties and use our Gas Distribution Operations’ subsidiaries for transportation services.

Gas Distribution Operations competes with investor-owned, municipal, and cooperative electric utilities throughout its service areas as well as other regulated and unregulated natural gas intra and interstate pipelines and other alternate fuels, such as propane and fuel oil. Gas Distribution Operations continues to be a strong competitor in the energy market as a result of strong customer preference for natural gas. Competition with providers of electricity has traditionally been the strongest in the residential and commercial markets of Kentucky, southern Ohio, central Pennsylvania and western Virginia due to comparatively low electric rates. Natural gas competes with fuel oil and propane in the Massachusetts market mainly due to the installed base of fuel oil and propane-based heating which has comprised a declining percentage of the overall market over the last few years. However, fuel oil and propane are more viable in today’s oil market.

Electric Competition. Indiana electric utilities generally have exclusive service areas under Indiana regulations, and retail electric customers in Indiana do not have the ability to choose their electric supplier. NIPSCO faces non-utility competition from other energy sources, such as self-generation by large industrial customers and other distributed energy sources.

Seasonality

A significant portion of our operations are subject to seasonal fluctuations in sales. During the heating season, which is primarily from November through March, revenues from gas sales are more significant, and during the cooling season, which is primarily June through September, revenues from electric sales are more significant, than in other months.

Other Relevant Business Information

Our customer base is broadly diversified, with no single customer accounting for a significant portion of revenues.

As of December 31, 2019, we had 8,363 employees of whom 3,219 were subject to collective bargaining agreements. Collective bargaining agreements for 96 employees are set to expire within one year.

For a listing of certain subsidiaries of NiSource refer to Exhibit 21.

We electronically file various reports with the SEC, including annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to such reports, as well as our proxy statements for the Company's annual meetings of stockholders at <http://www.sec.gov>. Additionally, we make all SEC filings available without charge to the public on our web site at <http://www.nisource.com>.

ITEM 1A. RISK FACTORS

NI SOURCE INC.

Our operations and financial results are subject to various risks and uncertainties, including those described below, that could adversely affect our business, financial condition, results of operations, cash flows, and the trading price of our common stock.

We have substantial indebtedness which could adversely affect our financial condition.

Our business is capital intensive and we rely significantly on long-term debt to fund a portion of our capital expenditures and repay outstanding debt, and on short-term borrowings to fund a portion of day-to-day business operations. We had total consolidated indebtedness of \$9,642.8 million outstanding as of December 31, 2019. Our substantial indebtedness could have important consequences. For example, it could:

- limit our ability to borrow additional funds or increase the cost of borrowing additional funds;
- reduce the availability of cash flow from operations to fund working capital, capital expenditures and other general corporate purposes;
- limit our flexibility in planning for, or reacting to, changes in the business and the industries in which we operate;
- lead parties with whom we do business to require additional credit support, such as letters of credit, in order for us to transact such business;
- place us at a competitive disadvantage compared to competitors that are less leveraged;
- increase vulnerability to general adverse economic and industry conditions; and
- limit our ability to execute on our growth strategy, which is dependent upon access to capital to fund our substantial infrastructure investment program.

Some of our debt obligations contain financial covenants related to debt-to-capital ratios and cross-default provisions. Our failure to comply with any of these covenants could result in an event of default, which, if not cured or waived, could result in the acceleration of outstanding debt obligations.

A drop in our credit ratings could adversely impact our cash flows, results of operation, financial condition and liquidity.

The availability and cost of credit for our businesses may be greatly affected by credit ratings. The credit rating agencies periodically review our ratings, taking into account factors such as our capital structure, earnings profile, and, in 2018 and 2019, the impacts of the TCJA and the Greater Lawrence Incident. We are committed to maintaining investment grade credit ratings; however, there is no assurance we will be able to do so in the future. Our credit ratings could be lowered or withdrawn entirely by a rating agency if, in its judgment, the circumstances warrant. Any negative rating action could adversely affect our ability to access capital at rates and on terms that are attractive. A negative rating action could also adversely impact our business relationships with suppliers and operating partners, who may be less willing to extend credit or offer us similarly favorable terms as secured in the past under such circumstances.

Certain of our subsidiaries have agreements that contain “ratings triggers” that require increased collateral in the form of cash, a letter of credit or other forms of security for new and existing transactions if the credit ratings of our or certain of our subsidiaries are dropped below investment grade. These agreements are primarily for insurance purposes and for the physical purchase or sale of gas or power. As of December 31, 2019, the collateral requirement that would be required in the event of a downgrade below the ratings trigger levels would amount to approximately \$72.1 million. In addition to agreements with ratings triggers, there are other agreements that contain “adequate assurance” or “material adverse change” provisions that could necessitate additional credit support such as letters of credit and cash collateral to transact business.

If our or certain of our subsidiaries' credit ratings were downgraded, especially below investment grade, financing costs and the principal amount of borrowings would likely increase due to the additional risk of our debt and because certain counterparties may require additional credit support as described above. Such amounts may be material and could adversely affect our cash flows, results of operations and financial condition. Losing investment grade credit ratings may also result in more restrictive covenants and reduced flexibility on repayment terms in debt issuances, lower share price and greater stockholder dilution from common equity issuances, in addition to reputational damage within the investment community.

We may not be able to execute our business plan or growth strategy, including utility infrastructure investments.

Business or regulatory conditions may result in us not being able to execute our business plan or growth strategy, including identified, planned and other utility infrastructure investments. Our customer and regulatory initiatives may not achieve planned

ITEM 1A. RISK FACTORS

NI SOURCE INC.

results. Utility infrastructure investments may not materialize, may cease to be achievable or economically viable and may not be successfully completed. Natural gas may cease to be viewed as an economically and environmentally attractive fuel. Certain groups and governmental entities may continue to oppose natural gas delivery and infrastructure investments because of perceived environmental impacts associated with the natural gas supply chain and end use. Energy conservation, energy efficiency, distributed generation, energy storage, policies favoring electric heat over gas heat and other factors may reduce demand for natural gas and energy. Any of these developments could adversely affect our results of operations and growth prospects. Even if our business plan and growth strategy are executed, there is still risk of, among other things, human error in maintenance, installation or operations, shortages or delays in obtaining equipment, and performance below expected levels (in addition to the other risks discussed in this section).

Adverse economic and market conditions or increases in interest rates could materially and adversely affect our results of operations, cash flows, financial condition and liquidity.

While the national economy is experiencing modest growth, we cannot predict how robust future growth will be or whether it will be sustained. Deteriorating or sluggish economic conditions in our operating jurisdictions could adversely impact our ability to maintain or grow our customer base and collect revenues from customers, which could reduce revenue growth and increase operating costs. In addition, a rising interest rate environment may lead to higher borrowing costs, which may adversely impact reported earnings, cost of capital and capital holdings. Rising interest rates and negative market or company events may also result in a decrease in the price of our shares of common stock.

We rely on access to the capital markets to finance our liquidity and long-term capital requirements, including expenditures for our utility infrastructure and to comply with future regulatory requirements, to the extent not satisfied by the cash flow generated by our operations. We have historically relied on long-term debt and on the issuance of equity securities to fund a portion of our capital expenditures and repay outstanding debt, and on short-term borrowings to fund a portion of day-to-day business operations. Successful implementation of our long-term business strategies, including capital investment, is dependent upon our ability to access the capital and credit markets, including the banking and commercial paper markets, on competitive terms and rates. An economic downturn or uncertainty, market turmoil, changes in tax policy, challenges faced by financial institutions, changes in our credit ratings, or a change in investor sentiment toward us or the utilities industry generally could adversely affect our ability to raise additional capital or refinance debt. Reduced access to capital markets and/or increased borrowing costs could reduce future net income and cash flows. Refer to Note 14, "Long-Term Debt," in the Notes to Consolidated Financial Statements for information related to outstanding long-term debt and maturities of that debt.

If any of these risks or uncertainties limit our access to the credit and capital markets or significantly increase our cost of capital, it could limit our ability to implement, or increase the costs of implementing, our business plan, which, in turn, could materially and adversely affect our results of operations, cash flows, financial condition and liquidity.

Capital market performance and other factors may decrease the value of benefit plan assets, which then could require significant additional funding and impact earnings.

The performance of the capital markets affects the value of the assets that are held in trust to satisfy future obligations under defined benefit pension and other postretirement benefit plans. We have significant obligations in these areas and hold significant assets in these trusts as noted in Note 11, "Pension and Other Postretirement Benefits," in the Notes to Consolidated Financial Statements. These assets are subject to market fluctuations and may yield uncertain returns, which fall below our projected rates of return. A decline in the market value of assets may increase the funding requirements of the obligations under the defined benefit pension and other postretirement benefit plans. Additionally, changes in interest rates affect the liabilities under these benefit plans; as interest rates decrease, the liabilities increase, which could potentially increase funding requirements. Further, the funding requirements of the obligations related to these benefits plans may increase due to changes in governmental regulations and participant demographics, including increased numbers of retirements or changes in life expectancy assumptions. In addition, lower asset returns result in increased expenses. Ultimately, significant funding requirements and increased pension or other postretirement benefit plan expense could negatively impact our results of operations and financial position.

ITEM 1A. RISK FACTORS

NI SOURCE INC.

The majority of our revenues are subject to economic regulation and are exposed to the impact of regulatory rate reviews and proceedings.

Most of our revenues are subject to economic regulation at either the federal or state level. As such, the revenues generated by us are subject to regulatory review by the applicable federal or state authority. These rate reviews determine the rates charged to customers and directly impact revenues. Our financial results are dependent on frequent regulatory proceedings in order to ensure timely recovery of costs and investments. In addition to our ongoing regulatory proceedings, the recovery of the Greater Lawrence pipeline replacement capital investment will be addressed in a future regulatory proceeding as discussed in Note 19, "Other Commitments and Contingencies - E. Other Matters" in the Notes to Consolidated Financial Statements.

The outcomes of these proceedings are uncertain, potentially lengthy and could be influenced by many factors, some of which may be outside of our control, including the cost of providing service, the necessity of expenditures, the quality of service, regulatory interpretations, customer intervention, economic conditions and the political environment. Further, the rate orders are subject to appeal, which creates additional uncertainty as to the rates that will ultimately be allowed to be charged for services. Additionally, the costs of complying with current and future changes in environmental and federal pipeline safety laws and regulations are expected to be significant, and their recovery through rates will also be contingent on regulatory approval.

Failure to adapt to advances in technology and manage the related costs could make us less competitive and negatively impact our results of operations and financial condition.

A key element of our business model is that generating power at central station power plants achieves economies of scale and produces power at a competitive cost. We continue to research, plan for, and implement new technologies that produce power or reduce power consumption. These technologies include renewable energy, distributed generation, energy storage, and energy efficiency. Advances in technology and changes in laws or regulations (including subsidization) are reducing the cost of these or other alternative methods of producing power to a level that is competitive with that of most central station power electric production or result in smaller-scale, more fuel efficient, and/or more cost-effective distributed generation. This could cause power sales to decline and the value of our generating facilities to decline. New technologies may require us to make significant expenditures to remain competitive and may result in the obsolescence of certain operating assets.

In addition, customers are increasingly expecting enhanced communications regarding their electric and natural gas services, which, in some cases, may involve additional investments in technology. We also rely on technology to adequately maintain key business records.

Our future success will depend, in part, on our ability to anticipate and successfully adapt to technological changes, to offer services that meet customer demands and evolving industry standards, and to recover all, or a significant portion of, any unrecovered investment in obsolete assets. A failure by us to effectively adapt to changes in technology and manage the related costs could harm our ability to remain competitive in the marketplace for our products, services and processes and could have a material adverse impact on our results of operations and financial condition.

The Greater Lawrence Incident has materially adversely affected and may continue to materially adversely affect our financial condition, results of operations and cash flows.

In connection with the Greater Lawrence Incident, we have incurred and will incur various costs and expenses as set forth in Note 6, "Goodwill and Other Intangible Assets," Note 19, "Other Commitments and Contingencies - C. Legal Proceedings," and "- E. Other Matters" in the Notes to Consolidated Financial Statements.

We are subject to inquiries and investigations by government authorities and regulatory agencies regarding the Greater Lawrence Incident, including the Massachusetts DPU and the Massachusetts Attorney General's Office. We are cooperating with all inquiries and investigations. In addition, on February 26, 2020, the Company and Columbia of Massachusetts entered into agreements with the U.S. Attorney's Office to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident, as described further below.

As more information becomes known, management's estimates and assumptions regarding the costs and expenses to be incurred and the financial impact of the Greater Lawrence Incident may change. A change in management's estimates or assumptions could result in an adjustment that would have a material impact on our financial condition, results of operations and cash flows during the period in which such change occurred.

While we have recovered the full amount of our liability insurance coverage available under our policies, total expenses related to the incident have exceeded such amount. Expenses in excess of our liability insurance coverage have materially adversely affected and may continue to materially adversely affect our results of operations, cash flows and financial position.

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We may also incur additional costs associated with the Greater Lawrence Incident, beyond the amount currently anticipated, including in connection with investigations by regulators as well as civil litigation. Further, state or federal legislation may be enacted that would require us to incur additional costs by mandating various changes, including changes to our operating practice standards for natural gas distribution operations and safety. If we are unable to recover the capital cost of the gas pipeline replacement in the impacted area or we incur a material amount of other costs that we are unable to recover through rates or offset through operational or other cost savings, our financial condition, results of operations, and cash flows could be materially and adversely affected.

Further, if it is determined in other matters that we did not comply with applicable statutes, regulations, rules, tariffs, or orders in connection with the Greater Lawrence Incident or in connection with the operations or maintenance of our natural gas system, and we are ordered to pay additional amounts in customer refunds, penalties, or other amounts, our financial condition, results of operations, and cash flows could be materially and adversely affected.

Our settlement with the U.S. Attorney's Office in respect of federal charges in connection with the Greater Lawrence Incident may expose us to further penalties, liabilities and private litigation, and may impact our operations.

On February 26, 2020, the Company entered into a DPA and Columbia of Massachusetts entered into a plea agreement with the U.S. Attorney's Office to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident. Columbia of Massachusetts' plea agreement with the U.S. Attorney's Office is subject to approval by the United States District Court for the District of Massachusetts (the "Court"). If Columbia of Massachusetts' guilty plea is not accepted by the Court or is withdrawn for any reason, the U.S. Attorney's Office may, at its sole option, render the DPA null and void. See Note 19, "Other Commitments and Contingencies - C. Legal Proceedings" in the Notes to Consolidated Financial Statements. The agreements impose various compliance and remedial obligations on the Company and Columbia of Massachusetts. Failure to comply with the terms of these agreements could result in further enforcement action by the U.S. Attorney's Office, expose the Company and Columbia of Massachusetts to penalties, financial or otherwise, and subjects the Company to further private litigation, each of which could impact our operations and have a material adverse effect on our business.

The closing of the sale of the Massachusetts Business is subject to receipt of clearance and approval from various governmental entities and other closing conditions that may not be satisfied or waived, and, in order to receive such clearance, consent or approval, governmental entities may impose conditions, terms, obligations or restrictions that Eversource is not obligated to accept in order to complete the transaction.

On February 26, 2020, NiSource, Columbia of Massachusetts and Eversource entered into the Asset Purchase Agreement providing for the sale of the Massachusetts Business to Eversource. The Asset Purchase Agreement provides for various closing conditions, including (a) the expiration or termination of the waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, (b) the receipt of the approval of the Massachusetts DPU (the "MDPU Approval") and (c) the final resolution or termination of all pending actions, claims and proceedings against Seller and its affiliates under the jurisdiction of the Massachusetts DPU and all future, actions, claims and proceedings against Seller and its affiliates relating to the Greater Lawrence Incident under the jurisdiction of the Massachusetts DPU.

The satisfaction of many of the closing conditions is beyond our control. We may not receive the required clearance and approvals for the transaction or the required resolution with the Massachusetts DPU, or we may not receive them in a timely manner. In addition, governmental entities could impose conditions, terms, obligations or restrictions as conditions for their approvals and as conditions to resolve certain proceedings, and these may include substantial payments by us. Moreover, Eversource is not required to agree to any conditions, terms, obligations or restrictions to obtain required clearance and approvals if such conditions, terms, obligations or restrictions would reasonably be expected to constitute a "burdensome condition" as defined in the Asset Purchase Agreement. There can be no assurance that regulators will not seek to impose conditions, terms, obligations or restrictions that would constitute burdensome conditions.

If the closing conditions are not satisfied or there is a substantial delay in obtaining the required clearance and approvals, or otherwise satisfying the closing conditions, the sale of the Massachusetts Business may not be completed, and we may lose some or all of the intended benefits of the sale.

The sale of the Massachusetts Business poses risks and challenges that could negatively impact our business, and we may not realize the expected benefits of the sale of the Massachusetts Business.

The sale of the Massachusetts Business involves separation or carve-out activities and costs and possible disputes with Eversource. Following the sale, we may have continued financial liabilities with respect to the business conducted by Columbia of Massachusetts,

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as we will be required to retain responsibility for, and indemnify Eversource against, certain liabilities, including liabilities for any fines arising out of the Greater Lawrence Incident and liabilities of Columbia of Massachusetts or its affiliates pursuant to civil claims for injury of persons or damage to property to the extent such injury or damage occurs prior to the closing in connection with Columbia of Massachusetts' business. It may also be difficult to determine whether a claim from a third party is our responsibility, and we may expend substantial resources trying to determine whether we or Eversource has responsibility for the claim.

If we do not realize the expected benefits of the sale of the Massachusetts Business, our consolidated financial condition, results of operations and cash flows could be negatively impacted. The sale of the Massachusetts Business may result in a dilutive impact to our future earnings if we are unable to offset the dilutive impact from the loss of revenue associated with the sale, which could have a material adverse effect on our results of operations and financial condition.

The failure to complete the transactions contemplated by the Asset Purchase Agreement within the expected time frame or at all could adversely affect our business, financial condition and results of operations and the price of our common stock.

If the sale of the Massachusetts Business is not completed by October 26, 2020 (subject to up to two automatic 45-day extensions under certain circumstances related to obtaining required regulatory approvals and resolution with the Massachusetts DPU), we or Eversource may choose not to proceed with the transaction. Completion of the transaction is subject to risks, including the risks that approval of the transaction by governmental entities will not be obtained or that certain other closing conditions will not be satisfied. A failure to complete the transaction may result in negative publicity and a negative impression of us in the investment community. Moreover, under the terms of the settlement with the U.S. Attorney's Office, we will be obligated to use reasonable best efforts to sell Columbia of Massachusetts' business, and there is no assurance that we will be able to sell such business to a third party on as favorable terms, if at all. The occurrence of any of these events, individually or in combination, could have a material adverse effect on our results of operations, financial condition or the trading price of our common stock.

Our gas distribution activities, as well as generation, transmission and distribution of electricity, involve a variety of inherent hazards and operating risks, including potential public safety risks.

Our gas distribution activities, as well as generation, transmission, and distribution of electricity, involve a variety of inherent hazards and operating risks, including, but not limited to, gas leaks and over-pressurization, downed power lines, damage to our infrastructure by third parties, outages, environmental spills, mechanical problems and other incidents, which could cause substantial financial losses, as demonstrated in part by the Greater Lawrence Incident. In addition, these hazards and risks have resulted and may in the future result in serious injury or loss of life to employees and/or the general public, significant damage to property, environmental pollution, impairment of our operations, adverse regulatory rulings and reputational harm, which in turn could lead to substantial losses for us. The location of pipeline facilities, or generation, transmission, substation and distribution facilities near populated areas, including residential areas, commercial business centers and industrial sites, could increase the level of damages resulting from such incidents. As with the Greater Lawrence Incident, certain incidents have subjected and may in the future subject us to litigation or administrative or other legal proceedings from time to time, both civil and criminal, which could result in substantial monetary judgments, fines, or penalties against us, be resolved on unfavorable terms, and require us to incur significant operational expenses. The occurrence of incidents has in certain instances adversely affected and could in the future adversely affect our reputation, cash flows, financial position and/or results of operations. We maintain insurance against some, but not all, of these risks and losses.

We may be unable to obtain insurance on acceptable terms or at all. Our liability insurance coverage did not provide protection against all significant losses as a result of the Greater Lawrence Incident and may not provide protection against all significant losses in the future.

Our ability to obtain insurance, as well as the cost and coverage of such insurance, are affected by developments affecting our business; international, national, state, or local events; and the financial condition of insurers. The insurance market is experiencing a hardening environment due to reductions in commercial suppliers and the capacity they are willing to issue, increases in overall demand for capacity, and a prevalence of severe losses. NiSource has been particularly affected by the current market conditions. We have not been able to obtain liability insurance coverage at previously procured limits at rates that are acceptable to us. Insurance coverage may not continue to be available at limits, rates or terms acceptable to us. The premiums we pay for our insurance coverage have significantly increased as a result of market conditions and the accumulated loss ratio over the history of NiSource operations, and we expect that they will continue to increase as a result of market conditions. In addition, our insurance is not sufficient or effective under all circumstances and against all hazards or liabilities to which we are subject. For example, total expenses related to the Greater Lawrence Incident have exceeded the total amount of liability coverage available under our policies.

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Also, certain types of damages, expenses or claimed costs, such as fines and penalties, may be excluded under the policies. In addition, insurers providing insurance to us may raise defenses to coverage under the terms and conditions of the respective insurance policies that could result in a denial of coverage or limit the amount of insurance proceeds available to us. Any losses for which we are not fully insured or that are not covered by insurance at all could materially adversely affect our results of operations, cash flows, and financial position. For example, expenses related to the Greater Lawrence Incident that we are unable to recover from liability or property insurance have materially adversely affected and may continue to materially adversely affect our results of operations. For more information regarding our insurance programs in the context of the Greater Lawrence Incident, see Note 19, "Other Commitments and Contingencies - C. Legal Proceedings," and " - E. Other Matters" in the Notes to Consolidated Financial Statements.

The outcome of legal and regulatory proceedings, investigations, inquiries, claims and litigation related to our business operations, including those related to the Greater Lawrence Incident, may have a material adverse effect on our results of operations, financial position or liquidity.

We are involved in legal and regulatory proceedings, investigations, inquiries, claims and litigation in connection with our business operations, including the Greater Lawrence Incident, the most significant of which are summarized in Note 19, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements. Our insurance does not cover all costs and expenses that we have incurred and that we may incur in the future relating to the Greater Lawrence Incident, and may not fully cover other incidents that may occur in the future. Due to the inherent uncertainty of the outcomes of such matters, there can be no assurance that the resolution of any particular claim or proceeding would not have a material adverse effect on our results of operations, financial position or liquidity. Certain matters in connection with the Greater Lawrence Incident have had or may have a material impact as described in Note 19, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements. If one or more of such additional or other matters were decided against us, the effects could be material to our results of operations in the period in which we would be required to record or adjust the related liability and could also be material to our cash flows in the periods that we would be required to pay such liability.

We are exposed to significant reputational risks, which make us vulnerable to a loss of cost recovery, increased litigation and negative public perception.

As a utility company, we are subject to adverse publicity focused on the reliability of our services, the speed with which we are able to respond effectively to electric outages, natural gas leaks or events and related accidents and similar interruptions caused by storm damage or other unanticipated events, as well as our own or third parties' actions or failure to act. We are also subject to adverse publicity related to actual or perceived environmental impacts. If customers, legislators, or regulators have or develop a negative opinion of us, this could result in less favorable legislative and regulatory outcomes or increased regulatory oversight, increased litigation and negative public perception. The adverse publicity and investigations we experienced as a result of the Greater Lawrence Incident may have an ongoing negative impact on the public's perception of us. It is difficult to predict the ultimate impact of this adverse publicity. The foregoing may have continuing adverse effects on our business, results of operations, cash flow and financial condition.

Our businesses are subject to various laws, regulations and tariffs. We could be materially adversely affected if we fail to comply with such laws, regulations and tariffs or with any changes in or new interpretations of such laws, regulations and tariffs.

Our businesses are subject to various laws, regulations and tariffs, including, but not limited to, those relating to natural gas pipeline safety, employee safety, the environment and our energy infrastructure. Existing laws, regulations and tariffs may be revised or become subject to new interpretations, and new laws, regulations and tariffs may be adopted or become applicable to us and our operations. In some cases, compliance with new laws, regulations and tariffs increases our costs. If we fail to comply with laws, regulations and tariffs applicable to us or with any changes in or new interpretations of such laws, regulations or tariffs, our financial condition, results of operations, regulatory outcomes and cash flows may be materially adversely affected.

Our businesses are regulated under numerous environmental laws. The cost of compliance with these laws, and changes to or additions to, or reinterpretations of the laws, could be significant. Liability from the failure to comply with existing or changed laws could have a material adverse effect on our business, results of operations, cash flows and financial condition.

Our businesses are subject to extensive federal, state and local environmental laws and rules that regulate, among other things, air emissions, water usage and discharges, GHG and waste products such as coal combustion residuals. Compliance with these legal obligations require us to make expenditures for installation of pollution control equipment, remediation, environmental monitoring, emissions fees, and permits at many of our facilities. These expenditures are significant, and we expect that they will continue to

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be significant in the future. Furthermore, if we fail to comply with environmental laws and regulations or are found to have caused damage to the environment or persons, that failure or harm may result in the assessment of civil or criminal penalties and damages against us and injunctions to remedy the failure or harm.

Existing environmental laws and regulations may be revised and new laws and regulations seeking to change environmental regulation of the energy industry may be adopted or become applicable to us, with an increased focus on both coal and natural gas in recent years. Revised or additional laws and regulations may result in significant additional expense and operating restrictions on our facilities or increased compliance costs, which may not be fully recoverable from customers through regulated rates and could, therefore, impact our financial position, financial results and cash flow. Moreover, such costs could materially affect the continued economic viability of one or more of our facilities.

An area of significant uncertainty and risk are the laws concerning emission of GHG. While we continue to reduce GHG emissions through the retirement of coal-fired electric generation, priority pipeline replacement, energy efficiency, leak detection and repair, and other programs, and expect to further reduce GHG emissions through increased use of renewable energy, GHG emissions are currently an expected aspect of the electric and natural gas business. Revised or additional future GHG legislation and/or regulation related to the generation of electricity or the extraction, production, distribution, transmission, storage and end use of natural gas could materially impact our gas supply, financial position, financial results and cash flows.

Even in instances where legal and regulatory requirements are already known or anticipated, the original cost estimates for environmental improvements, remediation of past environmental impact, or pollution reduction strategies and equipment can differ materially from the amount ultimately expended. The actual future expenditures depend on many factors, including the nature and extent of impact, the method of improvement, the cost of raw materials, contractor costs, and requirements established by environmental authorities. Changes in costs and the ability to recover under regulatory mechanisms could affect our financial position, financial results and cash flows.

A significant portion of the gas and electricity we sell is used by residential and commercial customers for heating and air conditioning. Accordingly, fluctuations in weather, gas and electricity commodity costs and economic conditions impact demand of our customers and our operating results.

Energy sales are sensitive to variations in weather. Forecasts of energy sales are based on “normal” weather, which represents a long-term historical average. Significant variations from normal weather could have, and have had, a material impact on energy sales. Additionally, residential usage, and to some degree commercial usage, is sensitive to fluctuations in commodity costs for gas and electricity, whereby usage declines with increased costs, thus affecting our financial results. Lastly, residential and commercial customers’ usage is sensitive to economic conditions and factors such as unemployment, consumption and consumer confidence. Therefore, prevailing economic conditions affecting the demand of our customers may in turn affect our financial results.

Our business operations are subject to economic conditions in certain industries.

Business operations throughout our service territories have been and may continue to be adversely affected by economic events at the national and local level where it operates. In particular, sales to large industrial customers, such as those in the steel, oil refining, industrial gas and related industries, may be impacted by economic downturns and geographic or technological shifts in production or production methods. The U.S. manufacturing industry continues to adjust to changing market conditions including international competition, increasing costs, and fluctuating demand for its products.

The implementation of NIPSCO’s electric generation strategy, including the retirement of its coal generation units, may not achieve intended results.

On October 31, 2018, NIPSCO submitted its 2018 Integrated Resource Plan with the IURC setting forth its short- and long-term electric generation plans in an effort to maintain affordability while providing reliable, flexible and cleaner sources of power. The plan evaluated demand-side and supply-side resource alternatives to reliably and cost-effectively meet NIPSCO customers' future energy requirements over the ensuing 20 years. The preferred option within the Integrated Resource Plan sets forth a schedule to retire R.M. Schahfer Generating Station (Units 14, 15, 17, and 18) in 2023 and Michigan City Generating Station (Unit 12) in 2028. The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage.

As part of this plan, NIPSCO has IURC approval for the Jordan Creek PPA for 400 MW, the Indiana Crossroads BTA for 300 MW and the Rosewater BTA for 100 MW. Each is a separate facility and all MW are nameplate capacity. NIPSCO has filed a notice with the IURC of its intention not to move forward with one of its approved PPAs due to the failure to meet a condition precedent in the agreement as a result of local zoning restrictions.

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There are inherent risks and uncertainties in executing the Integrated Resource Plan, including changes in market conditions, regulatory approvals, environmental regulations, commodity costs and customer expectations, which may impede NIPSCO's ability to achieve the intended results. NIPSCO's future success will depend, in part, on its ability to successfully implement its long-term electric generation plans, to offer services that meet customer demands and evolving industry standards, and to recover all, or a significant portion of, any unrecovered investment in obsolete assets. NIPSCO's electric generation strategy could require significant future capital expenditures, operating costs and charges to earnings that may negatively impact our financial position, financial results and cash flows.

Fluctuations in the price of energy commodities or their related transportation costs or an inability to obtain an adequate, reliable and cost-effective fuel supply to meet customer demands may have a negative impact on our financial results.

Our electric generating fleet is dependent on coal and natural gas for fuel, and our gas distribution operations purchase and resell much of the natural gas we deliver to our customers. These energy commodities are vulnerable to price fluctuations and fluctuations in associated transportation costs. From time to time, we have also used hedging in order to offset fluctuations in commodity supply prices. We rely on regulatory recovery mechanisms in the various jurisdictions in order to fully recover the commodity costs incurred in providing service. However, while we have historically been successful in the recovery of costs related to such commodity prices, there can be no assurance that such costs will be fully recovered through rates in a timely manner.

In addition, we depend on electric transmission lines, natural gas pipelines, and other transportation facilities owned and operated by third parties to deliver the electricity and natural gas we sell to wholesale markets, supply natural gas to our gas storage and electric generation facilities, and provide retail energy services to customers. If transportation is disrupted, or if capacity is inadequate, we may be unable to sell and deliver our gas and electric services to some or all of our customers. As a result, we may be required to procure additional or alternative electricity and/or natural gas supplies at then-current market rates, which, if recovery of related costs is disallowed, could have a material adverse effect on our businesses, financial condition, cash flows, results of operations and/or prospects.

We are exposed to risk that customers will not remit payment for delivered energy or services, and that suppliers or counterparties will not perform under various financial or operating agreements.

Our extension of credit is governed by a Corporate Credit Risk Policy, involves considerable judgment by our employees and is based on an evaluation of a customer or counterparty's financial condition, credit history and other factors. We monitor our credit risk exposure by obtaining credit reports and updated financial information for customers and suppliers, and by evaluating the financial status of our banking partners and other counterparties by reference to market-based metrics such as credit default swap pricing levels, and to traditional credit ratings provided by the major credit rating agencies. Adverse economic conditions could result in an increase in defaults by customers, suppliers and counterparties.

We have significant goodwill and definite-lived intangible assets. Impairments of goodwill and definite-lived intangible assets related to Columbia of Massachusetts have resulted in significant charges to earnings for the quarter and year ended December 31, 2019. Any future impairments of other goodwill could result in a significant charge to earnings in a future period and negatively impact our compliance with certain covenants under financing agreements.

In accordance with GAAP, we test goodwill for impairment at least annually and review our definite-lived intangible assets for impairment when events or changes in circumstances indicate its fair value might be below its carrying value. Goodwill is also tested for impairment when factors, examples of which include reduced cash flow estimates, a sustained decline in stock price or market capitalization below book value, indicate that the carrying value may not be recoverable.

We are required to record a charge in our financial statements for a period in which any impairment of our goodwill or definite-lived intangible assets is determined, negatively impacting our results of operations. In connection with the preparation of our financial statements for the year ended December 31, 2019, we conducted an impairment analysis for the goodwill and definite-lived intangible assets (franchise rights) related to Columbia of Massachusetts and concluded that such goodwill and franchise rights were impaired. As a result, we recorded an impairment charge of \$204.8 million for such goodwill and an impairment charge of \$209.7 million for such franchise rights at December 31, 2019. For additional information, see Note 6, "Goodwill and Other Intangible Assets," in the Notes to Consolidated Financial Statements.

A significant charge in the future could impact the capitalization ratio covenant under certain financing agreements. We are subject to a financial covenant under our revolving credit facility and term loan agreement, which require us to maintain a debt to capitalization ratio that does not exceed 70%. A similar covenant in a 2005 private placement note purchase agreement requires us to maintain a debt to capitalization ratio that does not exceed 75%. As of December 31, 2019, the ratio was 61.7%.

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Changes in taxation and the ability to quantify such changes as well as challenges to tax positions could adversely affect our financial results.

We are subject to taxation by the various taxing authorities at the federal, state and local levels where we do business. Legislation or regulation which could affect our tax burden could be enacted by any of these governmental authorities. For example, the TCJA includes numerous provisions that affect businesses, including changes to U.S. corporate tax rates, business-related exclusions, and deductions and credits. The outcome of regulatory proceedings regarding the extent to which the effect of a change in corporate tax rate will impact customers and the time period over which the impact will occur could significantly impact future earnings and cash flows. Separately, a challenge by a taxing authority, changes in taxing authorities' administrative interpretations, decisions, policies and positions, our ability to utilize tax benefits such as carryforwards or tax credits, or a deviation from other tax-related assumptions may cause actual financial results to deviate from previous estimates.

Changes in accounting principles may adversely affect our financial results.

Future changes in accounting rules and associated changes in regulatory accounting may negatively impact the way we record revenues, expenses, assets and liabilities. These changes in accounting standards may adversely affect our financial condition and results of operations.

Aging infrastructure may lead to disruptions in operations and increased capital expenditures and maintenance costs, all of which could negatively impact our financial results.

We have risks associated with aging infrastructure, including our gas infrastructure assets. These risks can be driven by threats such as, but not limited to, internal corrosion, external corrosion and stress corrosion cracking. The age of these assets may result in a need for replacement, a higher level of maintenance costs, or unscheduled outages, despite efforts by us to properly maintain or upgrade these assets through inspection, scheduled maintenance and capital investment. In addition, the nature of the information available on aging infrastructure assets, which in some cases is incomplete, may make inspections, maintenance, upgrading and replacement of the assets particularly challenging. Additionally, missing or incorrect infrastructure data may lead to (1) difficulty properly locating facilities, which can result in excavator damage and operational or emergency response issues, and (2) configuration and control risks associated with the modification of system operating pressures in connection with turning off or turning on service to customers, which can result in unintended outages or operating pressures. Also, additional maintenance and inspections are required in some instances in order to improve infrastructure information and records and address emerging regulatory or risk management requirements, which increases our costs. The failure to operate these assets as desired could result in gas leaks and other incidents and in our inability to meet firm service obligations, which could adversely impact revenues, and could also result in increased capital expenditures and maintenance costs, which, if not fully recovered from customers, could negatively impact our financial results.

The impacts of climate change, natural disasters, acts of terrorism, accidents or other catastrophic events may disrupt operations and reduce the ability to service customers.

A disruption or failure of natural gas distribution systems, or within electric generation, transmission or distribution systems, in the event of a major hurricane, tornado, terrorist attack, cyber-attack (as further detailed below), accident or other catastrophic event could cause delays in completing sales, providing services, or performing other critical functions. We have experienced disruptions in the past from hurricanes and tornadoes and other events of this nature. The occurrence of such events could adversely affect our financial position and results of operations. In accordance with customary industry practice, we maintain insurance against some, but not all, of these risks and losses. There is also a concern that climate change may exacerbate the risks to physical infrastructure. Such risks include heat stresses to power lines, storms that damage infrastructure, lake and sea level changes that affect the manner in which services are currently provided, droughts or other stresses on water used to supply services, and other extreme weather conditions. Climate change and the costs that may be associated with its impacts have the potential to affect our business in many ways, including increasing the costs we incur in providing our products and services, impacting the demand for and consumption of our products and services (due to change in both costs and weather patterns), and affecting the economic health of the regions in which we operate.

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A cyber-attack on any of our or certain third-party computer systems upon which we rely may adversely affect our ability to operate and could lead to a loss or misuse of confidential and proprietary information or potential liability.

We are reliant on technology to run our business, which is dependent upon financial and operational computer systems to process critical information necessary to conduct various elements of our business, including the generation, transmission and distribution of electricity, operation of our gas pipeline facilities and the recording and reporting of commercial and financial transactions to regulators, investors and other stakeholders. In addition to general information and cyber risks that all large corporations face (e.g., malware, unauthorized access attempts, phishing attacks, malicious intent by insiders and inadvertent disclosure of sensitive information), the utility industry faces evolving and increasingly complex cybersecurity risks associated with protecting sensitive and confidential customer information, electric grid infrastructure, and natural gas infrastructure. Deployment of new business technologies represents a new and large-scale opportunity for attacks on our information systems and confidential customer information, as well as on the integrity of the energy grid and the natural gas infrastructure. Increasing large-scale corporate attacks in conjunction with more sophisticated threats continue to challenge power and utility companies. Any failure of our computer systems, or those of our customers, suppliers or others with whom we do business, could materially disrupt our ability to operate our business and could result in a financial loss and possibly do harm to our reputation.

Additionally, our information systems experience ongoing, often sophisticated, cyber-attacks by a variety of sources, including foreign sources, with the apparent aim to breach our cyber-defenses. Although we attempt to maintain adequate defenses to these attacks and work through industry groups and trade associations to identify common threats and assess our countermeasures, a security breach of our information systems, or a security breach of the information systems of our customers, suppliers or others with whom we do business, could (i) impact the reliability of our generation, transmission and distribution systems and potentially negatively impact our compliance with certain mandatory reliability standards, (ii) subject us to reputational and other harm or liabilities associated with theft or inappropriate release of certain types of information such as system operating information or information, personal or otherwise, relating to our customers or employees, (iii) impact our ability to manage our businesses, and/or (iv) subject us to legal and regulatory proceedings and claims from third parties, in addition to remediation costs, any of which, in turn, could have a material adverse effect on our businesses, cash flows, financial condition, results of operations and/or prospects. Although we do maintain cyber insurance, it is possible that such insurance will not adequately cover any losses or liabilities we may incur as a result of any cybersecurity-related litigation.

Our capital projects and programs subject us to construction risks and natural gas costs and supply risks, and require numerous permits, approvals and certificates from various governmental agencies.

Our business requires substantial capital expenditures for investments in, among other things, capital improvements to our electric generating facilities, electric and natural gas distribution infrastructure, natural gas storage, and other projects, including projects for environmental compliance. We are engaged in intrastate natural gas pipeline modernization programs to maintain system integrity and enhance service reliability and flexibility. NIPSCO also is currently engaged in a number of capital projects, including environmental improvements to its electric generating stations, the construction of new transmission facilities, and new projects related to renewable energy. As we undertake these projects and programs, we may be unable to complete them on schedule or at the anticipated costs. Additionally, we may construct or purchase some of these projects and programs to capture anticipated future growth in natural gas production, which may not materialize, and may cause the construction to occur over an extended period of time.

Our existing and planned capital projects require numerous permits, approvals and certificates from federal, state, and local governmental agencies. If there is a delay in obtaining any required regulatory approvals or if we fail to obtain or maintain any required approvals or to comply with any applicable laws or regulations, we may not be able to construct or operate our facilities, we may be forced to incur additional costs, or we may be unable to recover any or all amounts invested in a project. We also may not receive the anticipated increases in revenue and cash flows resulting from such projects and programs until after their completion. Other construction risks include changes in costs of materials, equipment, commodities or labor (including changes to tariffs on materials), delays caused by construction incidents or injuries, work stoppages, shortages in qualified labor, poor initial cost estimates, unforeseen engineering issues, the ability to obtain necessary rights-of-way, easements and transmissions connections and general contractors and subcontractors not performing as required under their contracts.

To the extent that delays occur, costs become unrecoverable, or we otherwise become unable to effectively manage and complete our capital projects, our results of operations, cash flows, and financial condition may be adversely affected.

Sustained extreme weather conditions may negatively impact our operations.

We conduct our operations across a wide geographic area subject to varied and potentially extreme weather conditions, which may from time to time persist for sustained periods of time. Despite preventative maintenance efforts, persistent weather related stress

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on our infrastructure may reveal weaknesses in our systems not previously known to us or otherwise present various operational challenges across all business segments. Further, adverse weather may affect our ability to conduct operations in a manner that satisfies customer expectations or contractual obligations, including by causing service disruptions.

Failure to attract and retain an appropriately qualified workforce, and maintain good labor relations, could harm our results of operations.

We operate in an industry that requires many of our employees to possess unique technical skill sets. Events such as an aging workforce without appropriate replacements, the mismatch of skill sets to future needs, or the unavailability of contract resources may lead to operating challenges or increased costs. These operating challenges include lack of resources, loss of knowledge, and a lengthy time period associated with skill development. In addition, current and prospective employees may determine that they do not wish to work for us due to market, economic, employment and other conditions. Failure to hire and retain qualified employees, including the ability to transfer significant internal historical knowledge and expertise to the new employees, may adversely affect our ability to manage and operate our business. If we are unable to successfully attract and retain an appropriately qualified workforce, safety, service reliability, customer satisfaction and our results of operations could be adversely affected.

Some of our employees are subject to collective bargaining agreements. Our collective bargaining agreements are generally negotiated on an operating company basis. Any failure to reach an agreement on new labor contracts or to negotiate these labor contracts might result in strikes, boycotts or other labor disruptions. Labor disruptions, strikes or significant negotiated wage and benefit increases, whether due to union activities, employee turnover or otherwise, could have a material adverse effect on our businesses, results of operations and/or cash flows.

We are a holding company and are dependent on cash generated by our subsidiaries to meet our debt obligations and pay dividends on our stock.

We are a holding company and conduct our operations primarily through our subsidiaries, which are separate and distinct legal entities. Substantially all of our consolidated assets are held by our subsidiaries. Accordingly, our ability to meet our debt obligations or pay dividends on our common stock and preferred stock is largely dependent upon cash generated by these subsidiaries. In the event a major subsidiary is not able to pay dividends or transfer cash flows to us, our ability to service our debt obligations or pay dividends could be negatively affected.

If we cannot effectively manage new initiatives and organizational changes, we will be unable to address the opportunities and challenges presented by our strategy and the business and regulatory environment.

In order to execute on our sustainable growth strategy and enhance our culture of ongoing continuous improvement, we must effectively manage the complexity and frequency of new initiatives and organizational changes. If we are unable to make decisions quickly, assess our opportunities and risks, and implement new governance, managerial and organizational processes as needed to execute our strategy in this increasingly dynamic and competitive business and regulatory environment, our financial condition, results of operations and relationships with our business partners, regulators, customers and stockholders may be negatively impacted.

We outsource certain business functions to third-party suppliers and service providers, and substandard performance by those third parties could harm our business, reputation and results of operations.

Utilities rely on extensive networks of business partners and suppliers to support critical enterprise capabilities across their organizations. Global metrics indicate that deliveries from suppliers are slowing and that labor shortages are occurring in the energy sector. We outsource certain services to third parties in areas including construction services, information technology, materials, fleet, environmental, operational services and other areas. Outsourcing of services to third parties could expose us to inferior service quality or substandard deliverables, which may result in non-compliance (including with applicable legal requirements and industry standards), interruption of service or accidents, or reputational harm, which could negatively impact our results of operations. If any difficulties in the operations of these third-party suppliers and service providers, including their systems, were to occur, they could adversely affect our results of operations, or adversely affect our ability to work with regulators, unions, customers or employees.

Changes in the method for determining LIBOR and the potential replacement of the LIBOR benchmark interest rate could adversely affect our business, financial condition, results of operations and cash flows.

Some of our indebtedness, including borrowings under our revolving credit agreement and term loan agreement, bears interest at a variable rate based on LIBOR. From time to time, we also enter into hedging instruments to manage our exposure to fluctuations in the LIBOR benchmark interest rate. In addition, these hedging instruments, as well as hedging instruments that our subsidiaries

ITEM 1A. RISK FACTORS

NISOURCE INC.

use for hedging natural gas price and basis risk, rely on LIBOR-based rates to calculate interest accrued on certain payments that may be required to be made under these agreements, such as late payments or interest accrued if any cash collateral should be held by a counterparty. Any changes announced by regulators in the method pursuant to which the LIBOR rates are determined may result in a sudden or prolonged increase or decrease in the reported LIBOR rates. If that were to occur, the level of interest payments we incur may change.

In July 2017, the United Kingdom Financial Conduct Authority ("FCA"), which regulates LIBOR, announced that the FCA intends to stop compelling banks to submit rates for the calculation of LIBOR after 2021. It is not possible to predict the effect of these changes, other reforms or the establishment of alternative reference rates in the United Kingdom or elsewhere. In the United States, efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee of the Federal Reserve Board and the Federal Reserve Bank of New York. The Alternative Reference Rates Committee has proposed the Secured Overnight Financing Rate ("SOFR") as its recommended alternative to LIBOR, and the Federal Reserve Bank of New York began publishing SOFR rates in April 2018. SOFR is intended to be a broad measure of the cost of borrowing cash overnight that is collateralized by U.S. Treasury securities. However, because SOFR is a broad U.S. Treasury repurchase agreement financing rate that represents overnight secured funding transactions, it differs fundamentally from LIBOR. For example, SOFR is a secured overnight rate, while LIBOR is an unsecured rate that represents interbank funding over different maturities. In addition, because SOFR is a transaction-based rate, it is backward-looking, whereas LIBOR is forward-looking. Because of these and other differences, there is no assurance that SOFR will perform in the same way as LIBOR would have performed at any time, and there is no guarantee that it is a comparable substitute for LIBOR. SOFR may fail to gain market acceptance.

In addition, although certain of our LIBOR based obligations provide for alternative methods of calculating the interest rate payable on certain of our obligations if LIBOR is not reported, which include, without limitation, requesting certain rates from major reference banks in London or New York, uncertainty as to the extent and manner of future changes may result in interest rates and/or payments that are higher than, lower than or that do not otherwise correlate over time with, the interest rates or payments that would have been made on our obligations if a LIBOR-based rate was available in its current form.

ITEM 1B. UNRESOLVED STAFF COMMENTS

NiSOURCE INC.

None.

ITEM 2. PROPERTIES

Discussed below are the principal properties held by us and our subsidiaries as of December 31, 2019.

Gas Distribution Operations

Refer to Item 1, "Business - Gas Distribution Operations" of this report for further information on Gas Distribution Operations properties.

Electric Operations

Refer to Item 1, "Business - Electric Operations" of this report for further information on Electric Operations properties.

Corporate and Other Operations

We own the Southlake Complex, our 325,000 square foot headquarters building located in Merrillville, Indiana.

Character of Ownership

Our principal properties and our subsidiaries principal properties are owned free from encumbrances, subject to minor exceptions, none of which are of such a nature as to impair substantially the usefulness of such properties. Many of our subsidiary offices in various communities served are occupied under leases. All properties are subject to routine liens for taxes, assessments and undetermined charges (if any) incidental to construction. It is our practice to regularly pay such amounts, as and when due, unless contested in good faith. In general, the electric lines, gas pipelines and related facilities are located on land not owned by us or our subsidiaries, but are covered by necessary consents of various governmental authorities or by appropriate rights obtained from owners of private property. We do not, however, generally have specific easements from the owners of the property adjacent to public highways over, upon or under which our electric lines and gas distribution pipelines are located. At the time each of the principal properties were purchased, a title search was made. In general, no examination of titles as to rights-of-way for electric lines, gas pipelines or related facilities was made, other than examination, in certain cases, to verify the grantors' ownership and the lien status thereof.

ITEM 3. LEGAL PROCEEDINGS

For a description of our legal proceedings, see Note 19-C "Legal Proceedings" in the Notes to Consolidated Financial Statements.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

SUPPLEMENTAL ITEM. INFORMATION ABOUT OUR EXECUTIVE OFFICERS

NiSource Inc.

The following is a list of our executive officers, including their names, ages, offices held and other recent business experience.

<u>Name</u>	<u>Age</u>	<u>Office(s) Held in Past 5 Years</u>
Joseph Hamrock	56	President and Chief Executive Officer of NiSource since July 2015. Executive Vice President and Group Chief Executive Officer of NiSource from May 2012 to July 2015.
Donald E. Brown.....	48	Executive Vice President of NiSource since May 2015. Chief Financial Officer of NiSource since July 2015. Treasurer of NiSource from July 2015 to June 2016. Vice President and Chief Financial Officer of UGI Utilities, a division of UGI Corporation (gas and electric utility company) from 2010 to March 2015.
Peter T. Disser.....	51	Vice President, Internal Audit of NiSource since January 2019. Chief Operating Officer of NiSource from September 2018 to December 2018. Vice President, Audit of NiSource from November 2017 to September 2018. Vice President, Planning and Analysis of NiSource from June 2016 to November 2017. Vice President, Strategy and Planning of NiSource Corporate Services Company from July 2015 to May 2016. Chief Financial Officer of NIPSCO from 2012 to June 2015.
Carrie J. Hightman.....	62	Executive Vice President and Chief Legal Officer of NiSource since 2007.
Kenneth E. Keener.....	55	Senior Vice President and Chief Human Resources Officer of NiSource since August 2019. Vice President, Talent and Organizational Effectiveness of NiSource Corporate Services Company from June 2012 to July 2019.
Charles E. Shafer, II	50	Senior Vice President and Chief Safety Officer of NiSource since October 2019. Senior Vice President, Gas Engineering and Gas Support Services of NiSource Corporate Services Company from January 2019 to September 2019. Senior Vice President, Customer Services and New Business of NiSource Corporate Services Company from May 2016 through December 2018. Vice President, Engineering and Construction of NiSource Corporate Services Company from June 2012 to May 2016.
Violet G. Sistovaris.....	58	Executive Vice President and President, NIPSCO of NiSource since July 2015. Senior Vice President and Chief Information Officer of NiSource from May 2014 to June 2015.
Suzanne K. Surface	55	Chief Services Officer of NiSource since January 2019. Vice President, Audit of NiSource from September 2018 to December 2018. Vice President, Transformation Office of NiSource from August 2018 to September 2018. Vice President, Corporate Services Customer Value of NiSource from November 2017 to August 2018. Vice President, Audit of NiSource from July 2015 to November 2017. Vice President, Regulatory Strategy and Support of NiSource Corporate Services Company from July 2009 to June 2015.
Pablo A. Vegas.....	46	Executive Vice President and President, Gas Utilities of NiSource since January 2019. Executive Vice President and Chief Restoration Officer of NiSource from September 2018 to December 2018. Executive Vice President, Gas Business Segment and Chief Customer Officer of NiSource from May 2017 to September 2018. Executive Vice President and President, Columbia Gas Group from May 2016 to May 2017. President and Chief Operating Officer of American Electric Power Company of Ohio from May 2012 to May 2016.

PART II**ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES****NiSource Inc.**

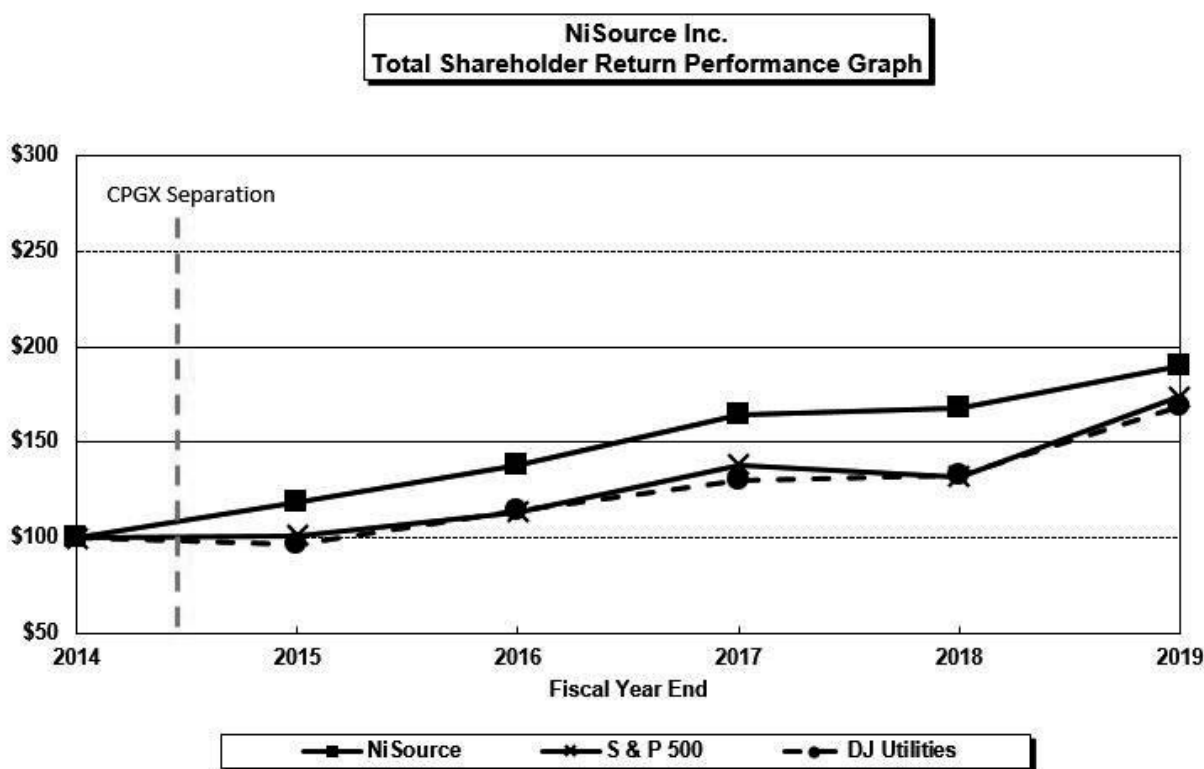
NiSource's common stock is listed and traded on the New York Stock Exchange under the symbol "NI."

Holders of shares of NiSource's common stock are entitled to receive dividends if and when declared by NiSource's Board out of funds legally available, subject to the prior dividend rights of holders of our preferred stock or the depositary shares representing such preferred stock outstanding, and if full dividends have not been declared and paid on all outstanding shares of preferred stock in any dividend period, no dividend may be declared or paid or set aside for payment on our common stock. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August, and November. At its January 31, 2020 meeting, the Board declared a quarterly common dividend of \$0.21 per share, payable on February 20, 2020 to holders of record on February 11, 2020.

Although the Board currently intends to continue the payment of regular quarterly cash dividends on common shares, the timing and amount of future dividends will depend on the earnings of NiSource's subsidiaries, their financial condition, cash requirements, regulatory restrictions, any restrictions in financing agreements and other factors deemed relevant by the Board. There can be no assurance that NiSource will continue to pay such dividends or the amount of such dividends.

As of February 18, 2020, NiSource had 18,868 common stockholders of record and 382,263,348 shares outstanding.

The graph below compares the cumulative total shareholder return of NiSource's common stock for the last five years with the cumulative total return for the same period of the S&P 500 and the Dow Jones Utility indices. On July 1, 2015, NiSource completed the Separation. Following the Separation, NiSource retained no ownership interest in CPG. The Separation is treated as a special dividend for purposes of calculating the total shareholder return, with the then-current market value of the distributed shares being deemed to have been reinvested on the Separation date in shares of NiSource common stock. A vertical line is included on the graph below to identify the periods before and after the Separation.



PART II

ITEM 5. MARKET FOR REGISTRANT’S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

NISOURCE INC.

The foregoing performance graph is being furnished as part of this annual report solely in accordance with the requirement under Rule 14a-3(b)(9) to furnish stockholders with such information, and therefore, shall not be deemed to be filed or incorporated by reference into any filings by NiSource under the Securities Act or the Exchange Act.

The total shareholder return for NiSource common stock and the two indices is calculated from an assumed initial investment of \$100 and assumes dividend reinvestment, including the impact of the distribution of CPG common stock in the Separation.

ITEM 6. SELECTED FINANCIAL DATA

NISOURCE INC.

The selected data presented below as of and for the five years ended December 31, 2019, are derived from our Consolidated Financial Statements. The data should be read together with the Consolidated Financial Statements including the related notes thereto included in Item 8 of this Form 10-K.

Year Ended December 31, (in millions except per share data)	2019	2018	2017	2016	2015
Statement of Income Data:					
Total Operating Revenues	\$ 5,208.9	\$ 5,114.5	\$ 4,874.6	\$ 4,492.5	\$ 4,651.8
Net Income (Loss) Available to Common Shareholders	328.0	(65.6)	128.5	331.5	198.6
Balance Sheet Data:					
Total Assets	22,659.8	21,804.0	19,961.7	18,691.9	17,492.5
Capitalization					
Stockholders' equity	5,986.7	5,750.9	4,320.1	4,071.2	3,843.5
Long-term debt, excluding amounts due within one year	7,856.2	7,105.4	7,512.2	6,058.2	5,948.5
Total Capitalization	\$ 13,842.9	\$ 12,856.3	\$ 11,832.3	\$ 10,129.4	\$ 9,792.0
Per Share Data:					
Basic Earnings (Loss) Per Share (\$)	\$ 0.88	\$ (0.18)	\$ 0.39	\$ 1.02	\$ 0.63
Diluted Earnings (Loss) Per Share (\$)	\$ 0.87	\$ (0.18)	\$ 0.39	\$ 1.01	\$ 0.63
Other Data:					
Dividends declared per common share (\$)	\$ 0.80	\$ 0.78	\$ 0.70	\$ 0.64	\$ 0.83
Common shares outstanding at the end of the year (in thousands)	382,136	372,363	337,016	323,160	319,110
Number of common stockholders	18,725	19,889	21,009	22,272	30,190
Dividends declared per Series A preferred share (\$)	\$ 56.50	\$ 28.88	\$ —	\$ —	\$ —
Dividends declared per Series B preferred share (\$)	\$ 1,674.65	\$ —	\$ —	\$ —	\$ —
Capital expenditures	\$ 1,867.8	\$ 1,814.6	\$ 1,753.8	\$ 1,490.4	\$ 1,367.5
Number of employees	8,363	8,087	8,175	8,007	7,596

- During 2019, we recorded a loss of approximately \$284 million for third-party claims and approximately \$154 million for other incident-related expenses in connection with the Greater Lawrence Incident. Columbia of Massachusetts recorded \$665 million for insurance recoveries through December 31, 2019. For additional information, see Note 19-C, "Legal Proceedings," and E, "Other Matters" in the Notes to Consolidated Financial Statements.
- During the fourth quarter of 2019, we recorded an impairment charge of \$204.8 million for goodwill and an impairment charge of \$209.7 million for franchise rights, in each case related to Columbia of Massachusetts. For additional information, see Note 6, "Goodwill and Other Intangible Assets," in the Notes to Consolidated Financial Statements.
- During the third quarter of 2019, we closed our placement of \$750.0 million of 2.95% senior unsecured notes maturing in 2029.
- During the second quarter of 2018, we completed the sale of 24,964,163 shares of \$0.01 par value common stock at a price of \$24.28 per share in a private placement to selected institutional and accredited investors and issued 400,000 shares of Series A preferred stock resulting in \$400.0 million of gross proceeds or \$393.9 million of net proceeds, after deducting commissions and sales expenses. Additionally, in the fourth quarter of 2018, we issued 20,000 shares of Series B preferred stock resulting in \$500.0 million of gross proceeds or \$486.1 million of net proceeds, after deducting commissions and sales expenses.
- During 2018, we recorded a loss of approximately \$757 million for third-party claims and approximately \$266 million for other incident-related expenses in connection with the Greater Lawrence Incident. Columbia of Massachusetts recorded \$135 million for insurance recoveries through December 31, 2018. For additional information, see Note 19-C, "Legal Proceedings," and E, "Other Matters," in the Notes to Consolidated Financial Statements.
- During the second quarter of 2018, we executed a tender offer for \$209.0 million of outstanding notes consisting of a combination of our 6.80% notes due 2019, 5.45% notes due 2020 and 6.125% notes due 2022. During the third quarter of 2018, we redeemed \$551.1 million of outstanding notes representing the remainder of our 6.80% notes due 2019, 5.45% notes due 2020 and 6.125% notes due 2022. In conjunction with our debt retired, we recorded a \$45.5 million loss on early extinguishment of long-term debt primarily attributable to early redemption premiums.

ITEM 6. SELECTED FINANCIAL DATA

NISOURCE INC.

- The decrease in net income during 2017 was due primarily to increased tax expense as a result of the impact of adopting the provisions of the TCJA and a loss on early extinguishment of long-term debt, as discussed below.
- During the second quarter of 2017, we executed a tender offer for \$990.7 million of outstanding notes consisting of a combination of our 6.40% notes due 2018, 6.80% notes due 2019, 5.45% notes due 2020, and 6.125% notes due 2022. In conjunction with the debt retired, we recorded a \$111.5 million loss on early extinguishment of long-term debt, primarily attributable to early redemption premiums.
- Prior to the Separation, CPG closed the placement of \$2,750.0 million in aggregate principal amount of senior notes. Using the proceeds from this offering, CPG made cash payments to us representing the settlement of inter-company borrowings and the payment of a one-time special dividend. In May 2015, using proceeds from the cash payments from CPG, we settled two bank term loans in the amount of \$1,075.0 million and executed a tender offer for \$750.0 million consisting of a combination of its 5.25% notes due 2017, 6.40% notes due 2018 and 4.45% notes due 2021. In conjunction with the debt retired, we recorded a \$97.2 million loss on early extinguishment of long-term debt, primarily attributable to early redemption premiums.

ITEM 7. MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

NI SOURCE INC.

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EXECUTIVE SUMMARY

This Management’s Discussion and Analysis of Financial Condition and Results of Operations (Management’s Discussion) analyzes our financial condition, results of operations and cash flows and those of our subsidiaries. It also includes management’s analysis of past financial results and certain potential factors that may affect future results, potential future risks and approaches that may be used to manage those risks. See "Note regarding forward-looking statements" at the beginning of this report for a list of factors that may cause results to differ materially.

Management’s Discussion is designed to provide an understanding of our operations and financial performance and should be read in conjunction with our Consolidated Financial Statements and related Notes to Consolidated Financial Statements in this annual report.

We are an energy holding company under the Public Utility Holding Company Act of 2005 whose subsidiaries are fully regulated natural gas and electric utility companies serving customers in seven states. We generate substantially all of our operating income through these rate-regulated businesses which are summarized for financial reporting purposes into two primary reportable segments: Gas Distribution Operations and Electric Operations.

Refer to the “Business” section under Item 1 of this annual report and Note 23, "Segments of Business," in the Notes to Consolidated Financial Statements for further discussion of our regulated utility business segments.

Our goal is to develop strategies that benefit all stakeholders as we address changing customer conservation patterns, develops more contemporary pricing structures and embarks on long-term infrastructure investment and safety programs. These strategies are intended to improve reliability and safety, enhance customer services and reduce emissions while generating sustainable returns. Additionally, we continue to pursue regulatory and legislative initiatives that will allow residential customers not currently on our system to obtain gas service in a cost effective manner. Refer also to the discussion of *Electric Supply* within our Electric Operations Segment discussion for additional information on our long term electric generation strategy.

Greater Lawrence Incident: The Greater Lawrence Incident occurred on September 13, 2018. The following table summarizes expenses incurred and insurance recoveries recorded since the Greater Lawrence Incident. The amounts set forth in the table below do not include the capital cost of the pipeline replacement described below and as set forth in Note 19, "Other Commitments and Contingencies - E. Other Matters - Greater Lawrence Pipeline Replacement," in the Notes to Consolidated Financial Statements.

<i>(in millions)</i>	Year Ended	Year Ended	Incident to Date
	December 31, 2018	December 31, 2019	
Third-party claims and government fines, penalties and settlements	\$ 757	\$ 284	\$ 1,041
Other incident-related costs	266	154	420
Total	1,023	438	1,461
Insurance recoveries recorded	(135)	(665)	(800)
Loss (benefit) to income before income taxes	\$ 888	\$ (227)	\$ 661

Inclusive of the \$1,041 million of third-party claims and fines, penalties and settlements associated with government investigations recorded incident to date, we estimate that total costs related to third-party claims and fines, penalties and settlements associated

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISSOURCE INC.

with government investigations as set forth in Note 19, "Other Commitments and Contingencies - C. Legal Proceedings," will range from \$1,041 million to \$1,065 million, depending on the number, nature, final outcome and value of third-party claims and the final outcome of government investigations. These costs do not include costs of certain third-party claims and fines, penalties or settlements with government investigations that we are not able to estimate. We expect to incur a total of \$450 million to \$460 million in other incident-related costs, inclusive of the \$420 million recorded incident to date, as set forth in Note 19, "Other Commitments and Contingencies - E. Other Matters - Greater Lawrence Incident Restoration."

The process for estimating costs associated with third-party claims and fines, penalties and settlements associated with government investigations relating to the Greater Lawrence Incident requires management to exercise significant judgment based on a number of assumptions and subjective factors. As more information becomes known, including additional information regarding ongoing investigations, management's estimates and assumptions regarding the financial impact of the Greater Lawrence Incident may change.

The aggregate amount of third-party liability insurance coverage available for losses arising from the Greater Lawrence Incident is \$800 million. We have collected the entire \$800 million as of December 31, 2019. Expenses related to the incident have exceeded the total amount of insurance coverage available under our policies. The following table presents activity related to our Greater Lawrence Incident insurance recovery.

<i>(in millions)</i>	Insurance receivable ⁽¹⁾
Balance, December 31, 2018	\$ 130
Insurance recoveries recorded in first quarter of 2019	100
Cash collected from insurance recoveries in the first quarter of 2019	(108)
Balance, March 31, 2019	122
Insurance recoveries recorded in the second quarter of 2019	435
Cash collected from insurance recoveries in the second quarter of 2019	(297)
Balance, June 30, 2019	\$ 260
Insurance recoveries recorded in third quarter of 2019	—
Cash collected from insurance recoveries in the third quarter of 2019	(260)
Balance, September 30, 2019	\$ —
Insurance recoveries recorded in the fourth quarter of 2019	130
Cash collected from insurance recoveries in the fourth quarter of 2019	(130)
Balance, December 31, 2019	\$ —

⁽¹⁾\$5 million of insurance recoveries were collected during 2018.

Since the Greater Lawrence Incident and through December 31, 2019, we have invested approximately \$258 million of capital spend for the pipeline replacement; this work was completed in 2019. We maintain property insurance for gas pipelines and other applicable property. Columbia of Massachusetts has filed a proof of loss with its property insurer for the full cost of the pipeline replacement. In January 2020, we filed a lawsuit against the property insurer, seeking payment of our property claim. We are currently unable to predict the timing or amount of any insurance recovery under the property policy. The recovery of any capital investment not reimbursed through insurance will be addressed in a future regulatory proceeding; a future regulatory proceeding is dependent on the outcome of the sale of the Massachusetts Business. The outcome of such a proceeding (if any) is uncertain. In accordance with ASC 980-360, if it becomes probable that a portion of the pipeline replacement cost will not be recoverable through customer rates and an amount can be reasonably estimated, we will reduce our regulated plant balance for the amount of the probable disallowance and record an associated charge to earnings. This could result in a material adverse effect on our financial condition, results of operations and cash flows. Additionally, if a rate order is received allowing recovery of the investment with no or reduced return on investment, a loss on disallowance may be required.

Refer to Note 19, "Other Commitments and Contingencies - C. Legal Proceedings" and " - E. Other Matters," in the Notes to Consolidated Financial Statements, "Summary of Consolidated Financial Results," "Results and Discussion of Segment Operation - Gas Distribution Operations," and "Liquidity and Capital Resources" in this Management's Discussion for additional information related to the Greater Lawrence Incident.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NiSOURCE INC.

Additionally, as discussed in Note 6, "Goodwill and Other Intangible Assets," in the Notes to Consolidated Financial Statements, we assessed the totality of several factors that developed during the fourth quarter related to the Greater Lawrence Incident and concluded that it was more likely than not that the fair value of the Columbia of Massachusetts reporting unit was below its carrying value. As a result, a new impairment analysis was required for our Columbia of Massachusetts reporting unit. The year-end impairment analysis indicated that the fair value of the Columbia of Massachusetts reporting unit was below its carrying value. As a result, we reduced the Columbia of Massachusetts reporting unit goodwill balance to zero and recognized a goodwill impairment charge totaling \$204.8 million, which is non-deductible for tax purposes. We assessed the same fourth quarter circumstances in reviewing the Columbia of Massachusetts franchise rights intangible assets. These factors led us to conclude that it was more likely than not that the fair value of the franchise rights was below its carrying amount. As a result, we performed a year-end impairment test and determined that the fair value of the franchise rights was zero. Therefore, we wrote off the entire franchise rights book value, which resulted in an impairment charge totaling \$209.7 million.

Columbia of Massachusetts Asset Sale: On February 26, 2020, NiSource and Columbia of Massachusetts entered into the Asset Purchase Agreement with Eversource. Upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, NiSource and Columbia of Massachusetts agreed to sell to Eversource the Massachusetts Business for a purchase price of \$1,100 million, subject to adjustment. For additional information, see Note 26, "Subsequent Event," in the Notes to Consolidated Financial Statements.

Summary of Consolidated Financial Results

Our operations are affected by the cost of sales. Cost of sales for the Gas Distribution Operations segment is principally comprised of the cost of natural gas used while providing transportation and distribution services to customers. Cost of sales for the Electric Operations segment is comprised of the cost of coal, related handling costs, natural gas purchased for the internal generation of electricity at NIPSCO and the cost of power purchased from third-party generators of electricity.

The majority of the cost of sales are tracked costs that are passed through directly to the customer resulting in an equal and offsetting amount reflected in operating revenues. As a result, we believe net revenues, a non-GAAP financial measure defined as operating revenues less cost of sales (excluding depreciation and amortization), provides management and investors a useful measure to analyze profitability. The presentation of net revenues herein is intended to provide supplemental information for investors regarding operating performance. Net revenues do not intend to represent operating income, the most comparable GAAP measure, as an indicator of operating performance and is not necessarily comparable to similarly titled measures reported by other companies.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

For the years ended December 31, 2019, 2018 and 2017, operating income and a reconciliation of net revenues to the most directly comparable GAAP measure, operating income, was as follows:

Year Ended December 31, (in millions)	2019	2018	2017	2019 vs. 2018	2018 vs. 2017
Operating Income	\$ 890.7	\$ 124.7	\$ 921.2	\$ 766.0	\$ (796.5)

Year Ended December 31, (in millions, except per share amounts)	2019	2018	2017	2019 vs. 2018	2018 vs. 2017
Operating Revenues	\$ 5,208.9	\$ 5,114.5	\$ 4,874.6	\$ 94.4	\$ 239.9
Cost of sales (excluding depreciation and amortization)	1,534.8	1,761.3	1,518.7	(226.5)	242.6
Total Net Revenues	3,674.1	3,353.2	3,355.9	320.9	(2.7)
Other Operating Expenses	2,783.4	3,228.5	2,434.7	(445.1)	793.8
Operating Income	890.7	124.7	921.2	766.0	(796.5)
Total Other Deductions, Net	(384.1)	(355.3)	(478.2)	(28.8)	122.9
Income Taxes	123.5	(180.0)	314.5	303.5	(494.5)
Net Income (Loss)	383.1	(50.6)	128.5	433.7	(179.1)
Preferred dividends	(55.1)	(15.0)	—	(40.1)	(15.0)
Net Income (Loss) Available to Common Shareholders	328.0	(65.6)	128.5	393.6	(194.1)
Basic Earnings (Loss) Per Share	\$ 0.88	\$ (0.18)	\$ 0.39	\$ 1.06	\$ (0.57)
Basic Average Common Shares Outstanding	374.6	356.5	329.4	18.1	27.1

On a consolidated basis, we reported net income available to common shareholders of \$328.0 million or \$0.88 per basic share for the twelve months ended December 31, 2019 compared to a loss to common shareholders of \$65.6 million or \$0.18 per basic share for the same period in 2018. The increase in net income available to common shareholders during 2019 was primarily due to lower operating expenses related to the Greater Lawrence Incident, insurance recoveries recorded related to the Greater Lawrence Incident, and new rates from base rate proceedings and infrastructure replacement programs. These increases were partially offset by non-cash impairments of goodwill and other intangible assets in 2019 related to Columbia of Massachusetts (see Note 6, "Goodwill and Other Intangible Assets," in the Notes to Consolidated Financial Statements for additional information), higher income taxes (see "Income Taxes" below), higher depreciation expense due to regulatory outcomes at NIPSCO and Columbia of Ohio, and additional dilution in 2019 resulting from preferred stock dividend commitments.

Operating Income

For the twelve months ended December 31, 2019, we reported operating income of \$890.7 million compared to \$124.7 million for the same period in 2018. The increased operating income was primarily due to decreased operating expenses related to the Greater Lawrence Incident, insurance recoveries recorded related to the Greater Lawrence Incident, and new rates from base rate proceedings and infrastructure replacement programs. These increases were partially offset by non-cash impairments of goodwill and other intangible assets in 2019 related to Columbia of Massachusetts (see Note 6, "Goodwill and Other Intangible Asset," in the Notes to Consolidated Financial Statements for additional information), and increased depreciation due to the regulatory outcome of NIPSCO's gas rate case and an increase in amortization of depreciation previously deferred as a regulatory asset resulting from Columbia of Ohio's CEP.

Other Deductions, Net

Other deductions, net reduced income by \$384.1 million in 2019 compared to a reduction in income of \$355.3 million in 2018. This change is primarily due to lower actuarial investment returns on pension and other postretirement benefit assets of \$34.6 million, and an increase in interest expense of \$25.6 million driven by decreased regulatory deferrals from Columbia of Ohio's CEP. These unfavorable variances were partially offset by charitable contributions of \$20.7 million in 2018 related to the Greater Lawrence Incident.

Income Taxes

The increase in income tax expense from 2018 to 2019 is primarily attributable to higher pre-tax income resulting from the items discussed above in "Operating Income" and "Other Deductions, Net," true-ups to tax expense in 2018 to reflect regulatory outcomes associated with excess deferred income taxes, and higher income tax expense in 2019 related to the non-deductible, non-cash impairment of goodwill, fines and penalties.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Refer to "Liquidity and Capital Resources" below and Note 10, "Income Taxes," in the Notes to Consolidated Financial Statements for additional information on income taxes and the change in the effective tax rate.

Capital Investment

In 2019, we invested approximately \$1.9 billion in capital expenditures across the gas and electric utilities. These expenditures were primarily aimed at furthering the safety and reliability of our gas distribution system, and maintaining our existing electric generation fleet.

We continue to execute on an estimated \$30 billion in total projected long-term regulated utility infrastructure investments and expect to invest approximately \$1.8 to \$1.9 billion in capital during 2020 as we continue to focus on growth, safety and modernization projects across our operating area.

Liquidity

A primary focus of ours is to ensure the availability of adequate financing to fund our ongoing safety and infrastructure investment programs which typically involves the issuance of debt and/or equity. In addition, expenses related to the Greater Lawrence Incident have exceeded the total amount of insurance coverage available under our policies. During 2020, we plan to pursue alternatives to cover this shortfall, including long-term financing and potential proceeds from the sale of the Massachusetts Business. For additional information, see Note 26, "Subsequent Event," in the Notes to Consolidated Financial Statements.

Through income generated from operating activities, amounts available under our short-term revolving credit facility, commercial paper program, accounts receivable securitization facilities, term loan borrowings, long-term debt agreements, our ability to access the capital markets and the potential sale of the Massachusetts Business, we believe there is adequate capital available to fund our operating activities and capital expenditures and the effects of the Greater Lawrence Incident in 2020 and beyond. At December 31, 2019 and 2018, we had approximately \$1,409.1 million and \$974.6 million, respectively, of net liquidity available, consisting of cash and available capacity under credit facilities.

These factors and other impacts to the financial results are discussed in more detail within the following discussions of "Results and Discussion of Segment Operations" and "Liquidity and Capital Resources."

Regulatory Developments

In 2019, we continued to move forward on core infrastructure and environmental investment programs supported by complementary regulatory and customer initiatives across all seven states of our operating area. Refer to Note 8, "Regulatory Matters" and Note 19-E, "Other Matters," in the Notes to Consolidated Financial Statements for a complete discussion of key regulatory developments that transpired during 2019.

RESULTS AND DISCUSSION OF SEGMENT OPERATIONS

Presentation of Segment Information

Our operations are divided into two primary reportable segments: Gas Distribution Operations and Electric Operations.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Gas Distribution Operations

For the years ended December 31, 2019, 2018 and 2017, operating income (loss) and a reconciliation of net revenues to the most directly comparable GAAP measure, operating income (loss), was as follows:

Year Ended December 31, <i>(in millions)</i>	2019	2018	2017	2019 vs. 2018	2018 vs. 2017
Operating Income (Loss)	\$ 675.4	\$ (254.1)	\$ 550.1	\$ 929.5	\$ (804.2)
Year Ended December 31, <i>(in millions)</i>	2019	2018	2017	2019 vs. 2018	2018 vs. 2017
Net Revenues					
Operating revenues	\$ 3,522.8	\$ 3,419.5	\$ 3,102.1	\$ 103.3	\$ 317.4
Less: Cost of sales (excluding depreciation and amortization)	1,067.6	1,259.3	1,005.0	(191.7)	254.3
Net Revenues	2,455.2	2,160.2	2,097.1	295.0	63.1
Operating Expenses					
Operation and maintenance	935.7	1,908.1	1,090.8	(972.4)	817.3
Depreciation and amortization	403.2	301.0	269.3	102.2	31.7
Impairment of other intangible assets	209.7	—	—	209.7	—
Loss on sale of fixed assets and impairments, net	0.1	0.2	2.8	(0.1)	(2.6)
Other taxes	231.1	205.0	184.1	26.1	20.9
Total Operating Expenses	1,779.8	2,414.3	1,547.0	(634.5)	867.3
Operating Income (Loss)	\$ 675.4	\$ (254.1)	\$ 550.1	\$ 929.5	\$ (804.2)
Revenues					
Residential	\$ 2,317.2	\$ 2,248.3	\$ 2,029.4	\$ 68.9	\$ 218.9
Commercial	775.1	753.7	669.4	21.4	84.3
Industrial	245.8	228.6	217.5	17.2	11.1
Off-System	77.7	92.4	111.8	(14.7)	(19.4)
Other	107.0	96.5	74.0	10.5	22.5
Total	\$ 3,522.8	\$ 3,419.5	\$ 3,102.1	\$ 103.3	\$ 317.4
Sales and Transportation (MMDth)					
Residential	274.9	280.3	247.1	(5.4)	33.2
Commercial	189.6	187.6	169.3	2.0	18.3
Industrial	542.5	555.7	517.5	(13.2)	38.2
Off-System	32.9	30.0	39.0	2.9	(9.0)
Other	0.3	—	0.3	0.3	(0.3)
Total	1,040.2	1,053.6	973.2	(13.4)	80.4
Heating Degree Days	5,375	5,562	4,927	(187)	635
Normal Heating Degree Days	5,452	5,610	5,610	(158)	—
% Warmer than Normal	(1)%	(1)%	(12)%		
Gas Distribution Customers					
Residential	3,221,178	3,194,662	3,168,516	26,516	26,146
Commercial	282,778	281,517	280,362	1,261	1,155
Industrial	5,982	5,833	6,228	149	(395)
Other	3	3	4	—	(1)
Total	3,509,941	3,482,015	3,455,110	27,926	26,905

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Gas Distribution Operations (continued)

Comparability of line item operating results may be impacted by regulatory, tax and depreciation trackers (other than those for cost of sales) that allow for the recovery in rates of certain costs. Therefore, increases in these tracked operating expenses are generally offset by increases in net revenues and have essentially no impact on net income.

2019 vs. 2018 Operating Income

For 2019, Gas Distribution Operations reported operating income of \$675.4 million, an increase in income of \$929.5 million from the comparable 2018 period.

Net revenues for 2019 were \$2,455.2 million, an increase of \$295.0 million from the same period in 2018. The change in net revenues was primarily driven by:

- New rates from base rate proceedings and infrastructure replacement programs of \$243.2 million.
- Higher regulatory, depreciation, and tax trackers, which are offset in operating expense, of \$36.2 million.
- Higher revenues of \$14.5 million resulting from an update in the weather-related normal heating degree day methodology (see further detail below), partially offset by a \$7.1 million revenue decrease from the effects of warmer weather in 2019.
- The effects of commercial and residential customer growth of \$12.8 million.

Operating expenses were \$634.5 million lower in 2019 compared to 2018. This change was primarily driven by:

- Decreased expenses related to third-party claims and other costs for the Greater Lawrence Incident of \$1,090.7 million, net of insurance recoveries recorded.

Partially offset by:

- Non-cash impairment of the Columbia of Massachusetts franchise rights of \$209.7 million.
- Increased depreciation of \$103.8 million due to the regulatory outcome of NIPSCO's gas rate case, an increase in amortization of depreciation previously deferred as a regulatory asset resulting from Columbia of Ohio's CEP, and higher capital expenditures placed in service.
- Higher employee and administrative expenses of \$50.2 million driven by resources shifting from the temporary assistance on the Greater Lawrence Incident restoration to normal operations (offset in the decreased Greater Lawrence Incident costs discussed above) and an increase in headcount.
- Increased regulatory, depreciation, and tax trackers, which are offset in net revenues, of \$36.2 million.
- Higher property taxes of \$22.2 million primarily due to increased amortization of property taxes previously deferred as a regulatory asset resulting from Columbia of Ohio's CEP, as well as higher capital expenditures placed in service.
- Higher outside services of \$17.4 million primarily due to increased line location and safety-related work.
- Higher insurance expense of \$9.1 million primarily driven by increased premiums.

2018 vs. 2017 Operating Income

For 2018, Gas Distribution Operations reported an operating loss of \$254.1 million, a decrease in income of \$804.2 million from the comparable 2017 period.

Net revenues for 2018 were \$2,160.2 million, an increase of \$63.1 million from the same period in 2017. The change in net revenues was primarily driven by:

- New rates from infrastructure replacement programs and base rate proceedings of \$99.6 million.
- Higher revenues from the effects of colder weather in 2018 of \$37.5 million.
- The effects of customer growth and increased usage of \$17.4 million.
- Higher regulatory, tax and depreciation trackers, which are offset in operating expense, of \$16.0 million.

Partially offset by:

- A revenue reserve of \$85.0 million in 2018 resulting from the probable future refund of certain collections from customers as a result of the lower income tax rate from the TCJA.
- Decreased rates from implementation of regulatory outcomes related to the TCJA of \$24.7 million.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Gas Distribution Operations (continued)

Operating expenses were \$867.3 million higher in 2018 compared to 2017. This change was primarily driven by:

- Expenses related to third-party claims and other costs for the Greater Lawrence Incident of \$864.4 million, net of insurance recoveries recorded.
- Increased depreciation of \$29.6 million due to regulatory outcomes of NIPSCO's gas rate case and higher capital expenditures placed in service.
- Higher regulatory, tax and depreciation trackers, which are offset in net revenues, of \$16.0 million.
- Increased property taxes of \$11.0 million due to higher capital expenditures placed in service and the impact of regulatory-driven property tax deferrals.

Partially offset by:

- Decreased outside services of \$33.2 million primarily due to IT service provider transition and other strategic initiative costs in 2017, lower ongoing IT costs and a temporary shift of resources to the Greater Lawrence Incident restoration.
- Lower employee and administrative expenses of \$30.2 million driven by reduced incentive compensation and a temporary shift of resources to the Greater Lawrence Incident restoration.

Weather

In general, we calculate the weather-related revenue variance based on changing customer demand driven by weather variance from normal heating degree days. Our composite heating degree days reported do not directly correlate to the weather-related dollar impact on the results of Gas Distribution Operations. Heating degree days experienced during different times of the year or in different operating locations may have more or less impact on volume and dollars depending on when and where they occur. When the detailed results are combined for reporting, there may be weather-related dollar impacts on operations when there is not an apparent or significant change in our aggregated composite heating degree day comparison.

The definition of "normal" weather was updated during the first quarter of 2019 to reflect more current weather pattern data and to more closely align with the regulators' jurisdictional definitions of "normal" weather. Impacts of the change in methodology will be reflected prospectively and disclosed to the extent it results in notable year-over-year variances in net revenues.

Weather in the Gas Distribution Operations service territories for 2019 was about 1% warmer than normal and about 3% warmer than 2018; however, due to the aforementioned change in methodology, the change in net revenues attributed to weather resulted in an increase of \$7.4 million for the year ended December 31, 2019 compared to 2018. The variance is detailed further below:

- An update in the weather-related normal heating degree day methodology resulting in a favorable variance attributed to weather of \$14.5 million, as discussed above.

Offset by:

- The effects of warmer weather in 2019 of \$7.1 million.

Weather in the Gas Distribution Operations service territories for 2018 was about 1% warmer than normal and about 13% colder than 2017, increasing net revenues \$37.5 million for the year ended December 31, 2018 compared to 2017.

Throughput

Total volumes sold and transported for the year ended December 31, 2019 were 1,040.2 MMDth, compared to 1,053.6 MMDth for 2018. This decrease is primarily attributable to warmer weather experienced in 2019 compared to 2018.

Total volumes sold and transported for the year ended December 31, 2018 were 1,053.6 MMDth, compared to 973.2 MMDth for 2017. This increase is primarily attributable to colder weather experienced in 2018 compared to 2017.

Economic Conditions

All of our Gas Distribution Operations companies have state-approved recovery mechanisms that provide a means for full recovery of prudently incurred gas costs. Gas costs are treated as pass-through costs and have no impact on the net revenues recorded in the period. The gas costs included in revenues are matched with the gas cost expense recorded in the period and the difference is recorded on the Consolidated Balance Sheets as under-recovered or over-recovered gas cost to be included in future customer billings.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Gas Distribution Operations (continued)

Certain Gas Distribution Operations companies continue to offer choice opportunities, where customers can choose to purchase gas from a third-party supplier, through regulatory initiatives in their respective jurisdictions. These programs serve to further reduce our exposure to gas prices.

Greater Lawrence Incident

Refer to Note 19-C. "Legal Proceedings," and E. "Other Matters," in the Notes to Consolidated Financial Statements, "Summary of Consolidated Financial Results" and "Liquidity and Capital Resources" in this Management's Discussion, and Part I. Item 1A. "Risk Factors" for additional information related to the Greater Lawrence Incident.

Columbia of Massachusetts Asset Sale

On February 26, 2020, we entered into the Asset Purchase Agreement with Eversource providing for the sale of the Massachusetts Business to Eversource, subject to the terms and conditions set forth in the agreement. For additional information, see Note 26, "Subsequent Event," in the Notes to Consolidated Financial Statements.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Electric Operations

For the years ended December 31, 2019, 2018 and 2017, operating income and a reconciliation of net revenues to the most directly comparable GAAP measure, operating income, was as follows:

Year Ended December 31, (in millions)	2019	2018	2017	2019 vs. 2018	2018 vs. 2017
Operating Income	\$ 406.8	\$ 386.1	\$ 367.4	\$ 20.7	\$ 18.7
Year Ended December 31, (in millions)	2019	2018	2017	2019 vs. 2018	2018 vs. 2017
Net Revenues					
Operating revenues	\$ 1,699.2	\$ 1,708.2	\$ 1,786.5	\$ (9.0)	\$ (78.3)
Less: Cost of sales (excluding depreciation and amortization)	467.3	502.1	513.9	(34.8)	(11.8)
Net Revenues	1,231.9	1,206.1	1,272.6	25.8	(66.5)
Operating Expenses					
Operation and maintenance	495.0	500.0	565.6	(5.0)	(65.6)
Depreciation and amortization	277.3	262.9	277.8	14.4	(14.9)
Loss (gain) on sale of fixed assets and impairments, net	(0.1)	—	1.9	(0.1)	(1.9)
Other taxes	52.9	57.1	59.9	(4.2)	(2.8)
Total Operating Expenses	825.1	820.0	905.2	5.1	(85.2)
Operating Income	\$ 406.8	\$ 386.1	\$ 367.4	\$ 20.7	\$ 18.7
Revenues					
Residential	\$ 481.6	\$ 494.7	\$ 476.9	\$ (13.1)	\$ 17.8
Commercial	486.7	492.6	501.2	(5.9)	(8.6)
Industrial	608.4	614.4	698.1	(6.0)	(83.7)
Wholesale	11.7	15.7	11.6	(4.0)	4.1
Other	110.8	90.8	98.7	20.0	(7.9)
Total	\$ 1,699.2	\$ 1,708.2	\$ 1,786.5	\$ (9.0)	\$ (78.3)
Sales (Gigawatt Hours)					
Residential	3,369.5	3,535.2	3,301.7	(165.7)	233.5
Commercial	3,760.3	3,844.6	3,793.5	(84.3)	51.1
Industrial	8,466.1	8,829.5	9,469.7	(363.4)	(640.2)
Wholesale	8.2	114.3	32.5	(106.1)	81.8
Other	117.2	124.4	128.2	(7.2)	(3.8)
Total	15,721.3	16,448.0	16,725.6	(726.7)	(277.6)
Cooling Degree Days	962	1,180	837	(218)	343
Normal Cooling Degree Days	803	806	806	(3)	—
% Warmer than Normal	20%	46%	4%		
Electric Customers					
Residential	415,534	412,267	409,401	3,267	2,866
Commercial	57,058	56,605	56,134	453	471
Industrial	2,256	2,284	2,305	(28)	(21)
Wholesale	726	735	739	(9)	(4)
Other	2	2	2	—	—
Total	475,576	471,893	468,581	3,683	3,312

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Electric Operations (continued)

Comparability of line item operating results may be impacted by regulatory and depreciation trackers (other than those for cost of sales) that allow for the recovery in rates of certain costs. Therefore, increases in these tracked operating expenses are offset by increases in net revenues and have essentially no impact on net income.

2019 vs. 2018 Operating Income

For 2019, Electric Operations reported operating income of \$406.8 million, an increase of \$20.7 million from the comparable 2018 period.

Net revenues for 2019 were \$1,231.9 million, an increase of \$25.8 million from the same period in 2018. The change in net revenues was primarily driven by:

- New rates from the recent rate case proceeding, incremental capital spend on infrastructure replacement programs, and electric transmission projects of \$24.8 million.
- Decreased fuel handling costs of \$11.0 million.
- Higher regulatory and depreciation trackers, which are offset in operating expense, of \$8.4 million.
- Increased commercial and residential customer growth of \$3.9 million.

Partially offset by:

- Lower revenues from the effects of cooler weather of \$15.1 million.
- Decreased residential, commercial and industrial usage of \$10.8 million.

Operating expenses were \$5.1 million higher in 2019 than 2018. This change was primarily driven by:

- Higher regulatory and depreciation trackers, which are offset in net revenues, of \$8.4 million.
- Increased depreciation of \$8.7 million due to higher capital expenditures placed in service.

Partially offset by:

- Decreased materials and supplies costs of \$7.8 million, primarily related to the retirement of Bailly Generating Station Units 7 and 8 on May 31, 2018.
- Decreased employee and administrative costs of \$5.0 million.

2018 vs. 2017 Operating Income

For 2018, Electric Operations reported operating income of \$386.1 million, an increase of \$18.7 million from the comparable 2017 period.

Net revenues for 2018 were \$1,206.1 million, a decrease of \$66.5 million from the same period in 2017. The change in net revenues was primarily driven by:

- Lower regulatory and depreciation trackers, which are offset in operating expense, of \$35.6 million.
- Decreased rates from implementation of regulatory outcomes related to the TCJA of \$32.9 million.
- Decreased industrial usage of \$17.1 million.
- A revenue reserve of \$16.2 million in 2018 resulting from the probable future refund of certain collections from customers as a result of the lower income tax rate from the TCJA .
- Increased fuel handling costs of \$7.3 million.

Partially offset by:

- The effects of warmer weather of \$25.2 million.
- Increased rates from infrastructure replacement programs of \$18.6 million.

Operating expenses were \$85.2 million lower in 2018 than 2017. This change was primarily driven by:

- Lower regulatory and depreciation trackers, which are offset in net revenues, of \$35.6 million.
- Lower outside service costs of \$32.1 million and lower material and supplies costs of \$10.2 million primarily related to the retirement of Bailly Generating Station Units 7 and 8 on May 31, 2018.
- Decreased employee and administrative costs of \$18.4 million.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Electric Operations (continued)

Partially offset by:

- Increased depreciation of \$10.0 million due to higher capital expenditures placed in service.

Weather

In general, we calculate the weather-related revenue variance based on changing customer demand driven by weather variance from normal heating or cooling degree days. Our composite heating or cooling degree days reported do not directly correlate to the weather-related dollar impact on the results of Electric Operations. Heating or cooling degree days experienced during different times of the year may have more or less impact on volume and dollars depending on when they occur. When the detailed results are combined for reporting, there may be weather-related dollar impacts on operations when there is not an apparent or significant change in our aggregated composite heating or cooling degree day comparison.

The definition of "normal" weather was updated during the first quarter of 2019 to reflect more current weather pattern data and to more closely align with the regulators' jurisdictional definitions of "normal" weather. Impacts of the change in methodology will be reflected prospectively and disclosed to the extent it results in notable year-over-year variances in net revenues.

Weather in the Electric Operations' territories for 2019 was 20% warmer than normal and 18% cooler than the same period in 2018, decreasing net revenues \$15.1 million for the year ended December 31, 2019 compared to 2018.

Weather in the Electric Operations' territories for 2018 was 46% warmer than normal and 41% warmer than the same period in 2017, increasing net revenues \$25.2 million for the year ended December 31, 2018 compared to 2017.

Sales

Electric Operations sales were 15,721.3 GWh for 2019, a decrease of 726.7 GWh, or 4.4% compared to 2018. This decrease was primarily attributable to higher internal generation from large industrial customers in 2019 and the effects of cooler weather on residential and commercial customers.

Electric Operations sales were 16,448.0 GWh for 2018, a decrease of 277.6 GWh, or 1.7% compared to 2017. This decrease was primarily attributable to higher internal generation from large industrial customers in 2018, partially offset by increased volumes for residential and commercial customers resulting from warmer weather.

BP Products North America. On March 29, 2018, WCE, which is currently owned by BP p.l.c ("BP") and BP Products North America, which operates the BP Refinery, filed a petition at the IURC asking that the combined operations of WCE and BP be treated as a single premise, and the WCE generation be dedicated primarily to BP Refinery operations beginning in May 2019 as WCE has self-certified as a qualifying facility at FERC. BP Refinery planned to continue to purchase electric service from NIPSCO at a reduced demand level beginning May 2019; however, a settlement agreement was filed on November 2, 2018 agreeing that BP and WCE would not move forward with construction of a private transmission line to serve BP until conclusion of NIPSCO's pending electric rate case. The IURC approved the settlement agreement as filed on February 20, 2019. On December 4, 2019, the IURC issued an order in the electric rate case approving the implementation of a new industrial service structure. This resolved the issues included in BP's original petition. Refer to Note 8, "Regulatory Matters," in the Notes to Consolidated Financial Statements for additional information.

Economic Conditions

NIPSCO has a state-approved recovery mechanism that provides a means for full recovery of prudently incurred fuel costs. Fuel costs are treated as pass-through costs and have no impact on the net revenues recorded in the period. The fuel costs included in revenues are matched with the fuel cost expense recorded in the period and the difference is recorded on the Consolidated Balance Sheets as under-recovered or over-recovered fuel cost to be included in future customer billings.

NIPSCO's performance remains closely linked to the performance of the steel industry. NIPSCO's MWh sales to steel-related industries accounted for approximately 51.5% and 49.7% of the total industrial MWh sales for the years ended December 31, 2019 and 2018, respectively.

Electric Supply

NIPSCO 2018 Integrated Resource Plan. Multiple factors, but primarily economic ones, including low natural gas prices, advancing cost effective renewable technology and increasing capital and operating costs associated with existing coal plants, have led NIPSCO to conclude in its October 2018 Integrated Resource Plan submission that NIPSCO's current fleet of coal generation facilities will be retired earlier than previous Integrated Resource Plan's had indicated.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Electric Operations (continued)

The Integrated Resource Plan evaluated demand-side and supply-side resource alternatives to reliably and cost effectively meet NIPSCO customers' future energy requirements over the ensuing 20 years. The preferred option within the Integrated Resource Plan retires R.M. Schahfer Generating Station (Units 14, 15, 17, and 18) by 2023 and Michigan City Generating Station (Unit 12) by 2028. These units represent 2,080 MW of generating capacity, equal to 72% of NIPSCO's remaining capacity after the retirement of Bailly Units 7 and 8 in May of 2018.

The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage to be obtained through a combination of NIPSCO ownership and PPAs. Refer to Note 19-E, "Other Matters," in the Notes to Consolidated Financial Statements for further discussion.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Liquidity and Capital Resources

Greater Lawrence Incident: As discussed in the "Executive Summary" and in Note 19, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements, we have recorded and paid costs associated with the Greater Lawrence Incident and have invested capital to replace the entire affected 45-mile cast iron and bare steel pipeline system that delivers gas to the impacted area. As discussed in the "Executive Summary," Note 19 referenced earlier in this paragraph, and Part I, Item 1A "Risk Factors," we may incur additional expenses and liabilities in excess of our recorded liabilities and estimated additional costs associated with the Greater Lawrence Incident. Since the Greater Lawrence Incident and through December 31, 2019, we have collected \$800 million from insurance providers; however, total costs related to the incident have exceeded the total amount of insurance coverage available under our policies. To date, this excess has primarily been funded through short-term borrowings. During 2020, we plan to pursue alternatives to these short-term borrowings, which include long-term financing and potential proceeds from the sale of the Massachusetts Business. For additional information, see Note 26, "Subsequent Event," in the Notes to Consolidated Financial Statements.

Operating Activities

Net cash from operating activities for the year ended December 31, 2019 was \$1,583.3 million, an increase of \$1,043.2 million from 2018. This increase was driven primarily by the receipt of \$795 million of insurance recoveries in 2019 related to the Greater Lawrence Incident and approximately \$220 million lower cash spend for the Greater Lawrence Incident in 2019. Refer to Note 19, "Other Commitments and Contingencies" in the Notes to Consolidated Financial Statements for further information related to the Greater Lawrence Incident.

Pension and Other Postretirement Plan Funding. In 2019, we contributed \$2.9 million to our pension plans and \$23.0 million to our other postretirement benefit plans. In 2018, we contributed \$2.9 million to our pension plans and \$21.0 million to our other postretirement benefit plans. Given the current funded status of the pension plans, and barring unforeseen market volatility that may negatively impact the valuation of our plan assets, we do not believe additional material contributions to our pension plans will be required for the foreseeable future.

Income Taxes. Rates for our regulated customers include provisions for the collection of U.S. federal income taxes. The reduction in the U.S. federal corporate income tax rate as a result of the TCJA led to a decrease in the amount billed to customers through rates, ultimately resulting in lower cash collections from operating activities. In addition, we are required to pass back to customers "excess deferred taxes" which represent amounts collected from customers in the past to cover deferred tax liabilities which, as a result of the passage of the TCJA, are now less than the originally billed amounts. Approximately \$1.5 billion of excess deferred taxes was recorded as a regulatory liability as of December 31, 2017 as a result of implementing the TCJA. The majority of this balance related to temporary book-to-tax differences on utility property protected by IRS normalization rules; this portion of the excess deferred taxes balance will be passed back to customers over the remaining average useful life of the associated property as required by the TCJA. The remainder of the excess deferred tax balance is passed back over periods determined by our state utility commissions. The pass back of excess deferred taxes has been approved in all our jurisdictions. As of December 31, 2019, we have approximately \$1.3 billion of remaining regulatory liabilities associated with excess deferred taxes.

As of December 31, 2019, we have a deferred tax asset of \$657.1 million related to a federal NOL carryforward, of which \$406.1 million relates to years prior to the implementation of the TCJA. As a result of being in an NOL position, we were not required to make any cash payments for federal income tax purposes during the three years ended December 31, 2019. The carryforward periods for pre-TCJA tax benefits expire in various tax years from 2028 to 2037; however, we expect to fully utilize the carryforward benefit prior to its expiration. According to the TCJA, utilization of NOL carryforwards generated after December 31, 2017 do not expire but are limited to 80% of current year taxable income. Accordingly, we may be required to make cash payments for federal income taxes in future years despite having NOL carryforwards in excess of current taxes payable.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISSOURCE INC.

Investing Activities

Our cash used for investing activities varies year over year primarily as a result of changes in the level of annual capital expenditures. The table below reflects capital expenditures and certain other investing activities by segment for 2019, 2018 and 2017.

<i>(in millions)</i>	2019	2018 ⁽³⁾	2017
Gas Distribution Operations			
System Growth and Tracker	\$ 1,006.1	\$ 897.5	\$ 909.2
Maintenance	374.3	417.8	216.4
Total Gas Distribution Operations	1,380.3	1,315.3	1,125.6
Electric Operations			
System Growth and Tracker	279.5	346.0	435.3
Maintenance	189.4	153.3	157.1
Total Electric Operations	468.9	499.3	592.4
Corporate and Other Operations - Maintenance ⁽¹⁾	18.6	—	35.8
Total ⁽²⁾	\$ 1,867.8	\$ 1,814.6	\$ 1,753.8

⁽¹⁾ Corporate and Other capital expenditures were zero in 2018 as specific IT assets were leased in 2018. Certain IT and other maintenance related assets were purchased in 2017 and 2019.

⁽²⁾ Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the capitalized portion of the Corporate Incentive Plan payout, inclusion of capital expenditures included in current liabilities and AFUDC Equity.

⁽³⁾ The 2018 capital expenditures for Gas Distribution Operations reflects reclassifying the Greater Lawrence Incident pipeline replacement from system growth and tracker to maintenance.

For 2019, capital expenditures and certain other investing activities were \$1,867.8 million, which was \$53.2 million higher than the 2018 capital program. This increased spending is primarily due to growth, safety and system modernization projects.

For 2018, capital expenditures and certain other investing activities were \$1,814.6 million, which was \$60.8 million higher than the 2017 capital program. This increased spending is due in part to costs associated with the Greater Lawrence Incident pipeline replacement, gas transmission projects, environmental investments and system modernization projects across all seven states in our operating area.

For 2020, we project to invest approximately \$1.8 to \$1.9 billion in our capital program. This projected level of spend is consistent with 2019 spend levels and is expected to focus on growth, safety, and modernization projects across our operating area.

Financing Activities

Short-term Debt. Refer to Note 15, "Short-Term Borrowings," in the Notes to Consolidated Financial Statements for information on short-term debt.

Long-term Debt. Refer to Note 14, "Long-Term Debt," in the Notes to Consolidated Financial Statements for information on long-term debt.

Net Available Liquidity. As of December 31, 2019, an aggregate of \$1,409.1 million of net liquidity was available, including cash and credit available under the revolving credit facility and accounts receivable securitization programs.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NiSOURCE INC.

The following table displays NiSource's liquidity position as of December 31, 2019 and 2018:

Year Ended December 31, (in millions)	2019	2018
Current Liquidity		
Revolving Credit Facility	\$ 1,850.0	\$ 1,850.0
Accounts Receivable Program ⁽¹⁾	353.2	399.2
<i>Less:</i>		
Commercial Paper	570.0	978.0
Accounts Receivable Program Utilized	353.2	399.2
Letters of Credit Outstanding Under Credit Facility	10.2	10.2
<i>Add:</i>		
Cash and Cash Equivalents	139.3	112.8
Net Available Liquidity	\$ 1,409.1	\$ 974.6

⁽¹⁾Represents the lesser of the seasonal limit or maximum borrowings supportable by the underlying receivables.

Debt Covenants. We are subject to a financial covenant under our revolving credit facility and term loan agreement, which requires us to maintain a debt to capitalization ratio that does not exceed 70%. A similar covenant in a 2005 private placement note purchase agreement requires us to maintain a debt to capitalization ratio that does not exceed 75%. As of December 31, 2019, the ratio was 61.7%.

Sale of Trade Accounts Receivables. Refer to Note 18, "Transfers of Financial Assets," in the Notes to Consolidated Financial Statements for information on the sale of trade accounts receivable.

Credit Ratings. The credit rating agencies periodically review our ratings, taking into account factors such as our capital structure and earnings profile. The following table includes our and certain of our subsidiaries' credit ratings and ratings outlook as of December 31, 2019.

A credit rating is not a recommendation to buy, sell or hold securities, and may be subject to revision or withdrawal at any time by the assigning rating organization.

	S&P		Moody's		Fitch	
	Rating	Outlook	Rating	Outlook	Rating	Outlook
NiSource	BBB+	Negative	Baa2	Stable	BBB	Stable
NIPSCO	BBB+	Negative	Baa1	Stable	BBB	Stable
Columbia of Massachusetts	BBB+	Negative	Baa2	Stable	Not rated	Not rated
Commercial Paper	A-2	Negative	P-2	Stable	F2	Stable

Certain of our subsidiaries have agreements that contain "ratings triggers" that require increased collateral if our credit ratings or the credit ratings of certain of our subsidiaries are below investment grade. These agreements are primarily for insurance purposes and for the physical purchase or sale of power. As of December 31, 2019, the collateral requirement that would be required in the event of a downgrade below the ratings trigger levels would amount to approximately \$72.1 million. In addition to agreements with ratings triggers, there are other agreements that contain "adequate assurance" or "material adverse change" provisions that could necessitate additional credit support such as letters of credit and cash collateral to transact business.

Equity. Our authorized capital stock consists of 620,000,000 shares, \$0.01 par value, of which 600,000,000 are common stock and 20,000,000 are preferred stock. As of December 31, 2019, 382,135,680 shares of common stock and 440,000 shares of preferred stock were outstanding. For more information regarding our common and preferred stock, see Note 12, "Equity," in the Notes to Consolidated Financial Statements.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

Contractual Obligations. We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at December 31, 2019 and their maturities were:

(in millions)	Total	2020	2021	2022	2023	2024	After
Long-term debt ⁽¹⁾	\$ 7,738.6	\$ —	\$ 63.6	\$ 530.0	\$ 600.0	\$ —	\$ 6,545.0
Interest payments on long-term debt	6,214.2	342.0	340.7	337.1	311.1	299.9	4,583.4
Finance leases ⁽²⁾	325.9	27.2	27.3	26.8	23.1	19.9	201.6
Operating leases ⁽³⁾	79.1	15.6	9.4	8.2	7.6	6.6	31.7
Energy commodity contracts ⁽⁴⁾	95.9	65.5	30.4	—	—	—	—
Service obligations:							
Pipeline service obligations	3,450.7	605.0	590.1	546.8	357.2	237.5	1,114.1
IT service obligations	153.2	63.6	49.4	38.0	1.1	1.1	—
Other service obligations ⁽⁵⁾	59.8	45.8	14.0	—	—	—	—
Other liabilities	27.3	27.3	—	—	—	—	—
Total contractual obligations	\$ 18,144.7	\$ 1,192.0	\$ 1,124.9	\$ 1,486.9	\$ 1,300.1	\$ 565.0	\$ 12,475.8

⁽¹⁾ Long-term debt balance excludes unamortized issuance costs and discounts of \$70.5 million.

⁽²⁾ Finance lease payments shown above are inclusive of interest totaling \$108.3 million.

⁽³⁾ Operating lease payments shown above are inclusive of interest totaling \$14.3 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain (as that term is defined in ASC 842) to do so. If we were to continue the fleet vehicle leases outstanding at December 31, 2019, payments would be \$34.5 million in 2020, \$28.3 million in 2021, \$23.4 million in 2022, \$19.9 million in 2023, \$15.2 million in 2024 and \$15.2 million thereafter.

⁽⁴⁾ In January 2020, NIPSCO signed new coal contract commitments of \$14.4 million for 2020. These contracts are not included above.

⁽⁵⁾ In February 2020, NIPSCO signed a new railcar coal transportation contract commitment of \$12.0 million for 2020. This contract is not included above.

Our calculated estimated interest payments for long-term debt is based on the stated coupon and payment dates. For 2020, we project that we will be required to make interest payments of approximately \$368.2 million, which includes \$342.0 million of interest payments related to our long-term debt outstanding as of December 31, 2019. At December 31, 2019, we had \$1,773.2 million in short-term borrowings outstanding.

Our expected payments included within "Other liabilities" in the table of contractual commitments above contains employer contributions to pension and other postretirement benefits plans expected to be made in 2020. Plan contributions beyond 2020 are dependent upon a number of factors, including actual returns on plan assets, which cannot be reliably estimated at this time. In 2020, we expect to make contributions of approximately \$3.0 million to our pension plans and approximately \$24.0 million to our postretirement medical and life plans. Refer to Note 11, "Pension and Other Postretirement Benefits," in the Notes to Consolidated Financial Statements for more information.

We cannot reasonably estimate the settlement amounts or timing of cash flows related to long-term obligations classified as "Total Other Liabilities" on the Consolidated Balance Sheets, other than those described above.

We also have obligations associated with income, property, gross receipts, franchise, payroll, sales and use, and various other taxes and expect to make tax payments of approximately \$247.1 million in 2020, which are not included in the table above. In addition, we have uncertain income tax positions that are not included in the table above as we are unable to predict when the matters will be resolved. Refer to Note 10, "Income Taxes," in the Notes to Consolidated Financial Statements for more information.

Refer to Note 19-A, "Contractual Obligations," in the Notes to Consolidated Financial Statements for further information.

In January 2019, NIPSCO executed two 20 year PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. Payments under the PPAs will not begin until the associated generation facilities are constructed by the owner / seller which is currently scheduled to be complete by the end of 2020 for one facility. Payments that will be made under the agreements are not included in the table of contractual commitments above as there are no minimum payment obligations under the agreements. NIPSCO has filed a notice with the IURC of its intention not to move forward with one of its approved PPAs due to the failure to meet a condition precedent in the agreement as a result of local zoning restrictions. See Note 19-E, "Other Matters - NIPSCO 2018 Integrated Resource Plan," in the Notes to Consolidated Financial Statements for additional information.

In January 2019, NIPSCO executed a BTA with a developer to construct a renewable generation facility with a nameplate capacity of approximately 100 MW; construction of the facility is expected to be completed by the end of 2020. In October 2019, NIPSCO

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NISOURCE INC.

executed a BTA with a developer to construct an additional renewable generation facility with a nameplate capacity of approximately 300 MW; construction of this facility is expected to be completed by the end of 2021. Payments under these agreements are not included in the table of contractual commitments as NIPSCO's purchase requirement under these BTAs is dependent on satisfactory approval of the BTAs by the IURC, successful execution of agreements with a tax equity partner, and timely completion of construction. See Note 19-E, "Other Matters - NIPSCO 2018 Integrated Resource Plan," in the Notes to Consolidated Financial Statements for additional information.

Off-Balance Sheet Arrangements

We, along with certain of our subsidiaries, enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries. Such agreements include guarantees and stand-by letters of credit.

Refer to Note 19, "Other Commitments and Contingencies," in the Notes to Consolidated Financial Statements for additional information about such arrangements.

Market Risk Disclosures

Risk is an inherent part of our businesses. The extent to which we properly and effectively identify, assess, monitor and manage each of the various types of risk involved in our businesses is critical to our profitability. We seek to identify, assess, monitor and manage, in accordance with defined policies and procedures, the following principal market risks that are involved in our businesses: commodity price risk, interest rate risk and credit risk. Risk management for us is a multi-faceted process with oversight by the Risk Management Committee that requires constant communication, judgment and knowledge of specialized products and markets. Our senior management takes an active role in the risk management process and has developed policies and procedures that require specific administrative and business functions to assist in the identification, assessment and control of various risks. These may include, but are not limited to market, operational, financial, compliance and strategic risk types. In recognition of the increasingly varied and complex nature of the energy business, our risk management process, policies and procedures continue to evolve and are subject to ongoing review and modification.

Commodity Price Risk

We are exposed to commodity price risk as a result of our subsidiaries' operations involving natural gas and power. To manage this market risk, our subsidiaries use derivatives, including commodity futures contracts, swaps, forwards and options. We do not participate in speculative energy trading activity.

Commodity price risk resulting from derivative activities at our rate-regulated subsidiaries is limited, since regulations allow recovery of prudently incurred purchased power, fuel and gas costs through the rate-making process, including gains or losses on these derivative instruments. If states should explore additional regulatory reform, these subsidiaries may begin providing services without the benefit of the traditional rate-making process and may be more exposed to commodity price risk.

Our subsidiaries are required to make cash margin deposits with their brokers to cover actual and potential losses in the value of outstanding exchange traded derivative contracts. The amount of these deposits, some of which is reflected in our restricted cash balance, may fluctuate significantly during periods of high volatility in the energy commodity markets.

Refer to Note 9, "Risk Management Activities," in the Notes to the Consolidated Financial Statements for further information on our commodity price risk assets and liabilities as of December 31, 2019 and 2018.

Interest Rate Risk

We are exposed to interest rate risk as a result of changes in interest rates on borrowings under our revolving credit agreement, commercial paper program, term loan agreement and accounts receivable programs, which have interest rates that are indexed to short-term market interest rates. Based upon average borrowings and debt obligations subject to fluctuations in short-term market interest rates, an increase (or decrease) in short-term interest rates of 100 basis points (1%) would have increased (or decreased) interest expense by \$19.0 million and \$13.3 million for 2019 and 2018, respectively. We are also exposed to interest rate risk as a result of changes in benchmark rates that can influence the interest rates of future debt issuances.

Refer to Note 9, "Risk Management Activities," in the Notes to Consolidated Financial Statements for further information on our interest rate risk assets and liabilities as of December 31, 2019 and 2018.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

Credit Risk

Due to the nature of the industry, credit risk is embedded in many of our business activities. Our extension of credit is governed by a Corporate Credit Risk Policy. In addition, Risk Management Committee guidelines are in place which document management approval levels for credit limits, evaluation of creditworthiness, and credit risk mitigation efforts. Exposures to credit risks are monitored by the risk management function which is independent of commercial operations. Credit risk arises due to the possibility that a customer, supplier or counterparty will not be able or willing to fulfill its obligations on a transaction on or before the settlement date. For derivative-related contracts, credit risk arises when counterparties are obligated to deliver or purchase defined commodity units of gas or power to us at a future date per execution of contractual terms and conditions. Exposure to credit risk is measured in terms of both current obligations and the market value of forward positions net of any posted collateral such as cash and letters of credit.

We closely monitor the financial status of our banking credit providers. We evaluate the financial status of our banking partners through the use of market-based metrics such as credit default swap pricing levels, and also through traditional credit ratings provided by major credit rating agencies.

Other Information

Critical Accounting Policies

We apply certain accounting policies based on the accounting requirements discussed below that have had, and may continue to have, significant impacts on our operations and Consolidated Financial Statements.

Basis of Accounting for Rate-Regulated Subsidiaries. ASC Topic 980, *Regulated Operations*, provides that rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and if the competitive environment makes it probable that such rates can be charged and collected. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the Consolidated Balance Sheets and are recognized in income as the related amounts are included in service rates and recovered from or refunded to customers. The total amounts of regulatory assets and liabilities reflected on the Consolidated Balance Sheets were \$2,239.6 million and \$2,512.2 million at December 31, 2019, and \$2,237.5 million and \$2,660.0 million at December 31, 2018, respectively. For additional information, refer to Note 8, "Regulatory Matters," in the Notes to Consolidated Financial Statements.

In the event that regulation significantly changes the opportunity for us to recover our costs in the future, all or a portion of our regulated operations may no longer meet the criteria for the application of ASC Topic 980, *Regulated Operations*. In such event, a write-down of all or a portion of our existing regulatory assets and liabilities could result. If transition cost recovery is approved by the appropriate regulatory bodies that would meet the requirements under GAAP for continued accounting as regulatory assets and liabilities during such recovery period, the regulatory assets and liabilities would be reported at the recoverable amounts. If we were unable to continue to apply the provisions of ASC Topic 980, *Regulated Operations*, we would be required to apply the provisions of ASC Topic 980-20, *Discontinuation of Rate-Regulated Accounting*. In management's opinion, our regulated subsidiaries will be subject to ASC Topic 980, *Regulated Operations* for the foreseeable future.

Certain of the regulatory assets reflected on our Consolidated Balance Sheets require specific regulatory action in order to be included in future service rates. Although recovery of these amounts is not guaranteed, we believe that these costs meet the requirements for deferral as regulatory assets. Regulatory assets requiring specific regulatory action amounted to \$307.2 million at December 31, 2019. If we determine that the amounts included as regulatory assets were not recoverable, a charge to income would immediately be required to the extent of the unrecoverable amounts.

The passage of the TCJA into law in December 2017 necessitated the remeasurement of our deferred income tax balances to reflect the change in the statutory federal tax rate from 35% to 21%. For our regulated entities, substantially all of the impact of this remeasurement was recorded to a regulatory liability and is being passed backed to customers, as established during the rate making process. For additional information, refer to Note 8, "Regulatory Matters," and Note 10, "Income Taxes," in the Notes to Consolidated Financial Statements.

As discussed in Note 19-E, "Other Matters - Greater Lawrence Pipeline Replacement," since the Greater Lawrence Incident and through December 31, 2019, we have invested approximately \$258 million of capital spend for the pipeline replacement in the affected communities; this work was completed in 2019. We maintain property insurance for gas pipelines and other applicable property. Columbia of Massachusetts has filed a proof of loss with its property insurer for the full cost of the pipeline replacement. In January 2020, we filed a lawsuit against the property insurer, seeking payment of our property claim. We are currently unable

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

to predict the timing or amount of any insurance recovery under the property policy. The recovery of any capital investment not reimbursed through insurance will be addressed in a future regulatory proceeding; a future regulatory proceeding is dependent on the outcome of the sale of the Massachusetts Business. The outcome of such a proceeding (if any) is uncertain. In accordance with ASC 980-360, if it becomes probable that a portion of the pipeline replacement cost will not be recoverable through customer rates and an amount can be reasonably estimated, we will reduce our regulated plant balance for the amount of the probable disallowance and record an associated charge to earnings. This could result in a material adverse effect to our financial condition, results of operations and cash flows. Additionally, if a rate order is received allowing recovery of the investment with no or reduced return on investment, a loss on disallowance may be required.

Pension and Postretirement Benefits. We have defined benefit plans for both pension and other postretirement benefits. The calculation of the net obligations and annual expense related to the plans requires a significant degree of judgment regarding the discount rates to be used in bringing the liabilities to present value, expected long-term rates of return on plan assets, health care trend rates, and mortality rates, among other assumptions. Due to the size of the plans and the long-term nature of the associated liabilities, changes in the assumptions used in the actuarial estimates could have material impacts on the measurement of the net obligations and annual expense recognition. Differences between actuarial assumptions and actual plan results are deferred into AOCI or a regulatory balance sheet account, depending on the jurisdiction of our entity. These deferred gains or losses are then amortized into the income statement when the accumulated differences exceed 10% of the greater of the projected benefit obligation or the fair value of plan assets (known in GAAP as the "corridor" method) or when settlement accounting is triggered.

The discount rates, expected long-term rates of return on plan assets, health care cost trend rates and mortality rates are critical assumptions. Methods used to develop these assumptions are described below. While a third party actuarial firm assists with the development of many of these assumptions, we are ultimately responsible for selecting the final assumptions.

The discount rate is utilized principally in calculating the actuarial present value of pension and other postretirement benefit obligations and net periodic pension and other postretirement benefit plan costs. Our discount rates for both pension and other postretirement benefits are determined using spot rates along an AA-rated above median yield curve with cash flows matching the expected duration of benefit payments to be made to plan participants.

The expected long-term rate of return on plan assets is a component utilized in calculating annual pension and other postretirement benefit plan costs. We estimate the expected return on plan assets by evaluating expected bond returns, equity risk premiums, target asset allocations, the effects of active plan management, the impact of periodic plan asset rebalancing and historical performance. We also consider the guidance from our investment advisors in making a final determination of our expected rate of return on assets.

For measurement of 2020 net periodic benefit cost, we selected an expected pre-tax long-term rate of return of 5.70% and 5.67% for our pension and other postretirement benefit plan assets, respectively.

We estimate the assumed health care cost trend rate, which is used in determining our other postretirement benefit net expense, based upon our actual health care cost experience, the effects of recently enacted legislation, third-party actuarial surveys and general economic conditions.

We use the Society of Actuaries' most recently published mortality data in developing a best estimate of mortality as part of the calculation of the pension and other postretirement benefit obligations.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

The following tables illustrate the effects of changes in these actuarial assumptions while holding all other assumptions constant:

Change in Assumptions (<i>in millions</i>)	Impact on December 31, 2019 Projected Benefit Obligation Increase/(Decrease)	
	Pension Benefits	Other Postretirement Benefits
+50 basis points change in discount rate	\$ (89.9)	\$ (29.0)
-50 basis points change in discount rate	97.7	31.8
+50 basis points change in health care trend rates		15.0
-50 basis points change in health care trend rates		(13.1)

Change in Assumptions (<i>in millions</i>)	Impact on 2019 Expense Increase/(Decrease) ⁽¹⁾	
	Pension Benefits	Other Postretirement Benefits
+50 basis points change in discount rate	\$ (1.8)	\$ 0.3
-50 basis points change in discount rate	1.9	0.7
+50 basis points change in expected long-term rate of return on plan assets	(8.9)	(1.2)
-50 basis points change in expected long-term rate of return on plan assets	8.9	1.2
+50 basis points change in health care trend rates		0.6
-50 basis points change in health care trend rates		(0.5)

⁽¹⁾Before labor capitalization and regulatory deferrals.

In January 2017, we changed the method used to estimate the service and interest components of net periodic benefit cost for pension and other postretirement benefits. This change, compared to the previous method, resulted in a decrease in the actuarially-determined service and interest cost components. Historically, we estimated service and interest cost utilizing a single weighted-average discount rate derived from the yield curve used to measure the benefit obligation at the beginning of the period. For fiscal 2017 and beyond, we now utilize a full yield curve approach to estimate these components by applying the specific spot rates along the yield curve used in the determination of the benefit obligation to the relevant projected cash flows. For further discussion of our pension and other postretirement benefits, see Note 11, "Pension and Other Postretirement Benefits," in the Notes to Consolidated Financial Statements.

Goodwill and Intangible Assets. We have seven goodwill reporting units, comprised of the seven state operating companies within the Gas Distribution Operations reportable segment. Our goodwill assets at December 31, 2019 were \$1,486 million, most of which resulted from the acquisition of Columbia on November 1, 2000.

As required by GAAP, we test for impairment of goodwill on an annual basis and on an interim basis when events or circumstances indicate that a potential impairment may exist. Our annual goodwill test takes place in the second quarter of each year and was performed on May 1, 2019. A qualitative ("step 0") test was completed on May 1, 2019 for all reporting units other than our Columbia of Massachusetts reporting unit. In the Step 0 analysis, we assessed various assumptions, events and circumstances that would have affected the estimated fair value of the applicable reporting units as compared to their baseline May 1, 2016 "step 1" fair value measurement. The results of this assessment indicated that it is not more likely than not that these reporting units fair values are less than their reporting unit carrying values; therefore, no "step 1" analysis was required.

The results of our Columbia of Massachusetts reporting unit were negatively impacted by the Greater Lawrence Incident (see Note 19-C, "Legal Proceedings," in the Notes to Consolidated Financial Statements). As a result, we completed a quantitative "step 1" analysis for the May 1, 2019 goodwill analysis for this reporting unit. Consistent with our historical impairment testing of goodwill, fair value of this reporting unit was determined based on a weighting of income and market approaches. These approaches require significant judgments including appropriate long-term growth rates and discount rates for the income approach and appropriate multiples of earnings for peer companies and control premiums for the market approach. The discount rates were derived using peer company data compiled with the assistance of a third party valuation services firm. The discount rates used are subject to change based on changes in tax rates at both the state and federal level, debt and equity ratios at each reporting unit and general economic conditions. The long-term growth rate was derived by evaluating historic growth rates, new business and investment opportunities beyond the near term horizon. The long-term growth rate is subject to change depending on inflationary impacts to

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)

NI SOURCE INC.

the U.S. economy and the individual business environments in which each reporting unit operates. The Step 1 analysis performed indicated that the fair value of the Columbia of Massachusetts reporting unit exceeds its carrying value. As a result, no impairment charge was recorded as of the May 1, 2019 test date.

Although our annual impairment test is performed during the second quarter, we continue to monitor changes in circumstances that may indicate that it is more likely than not that the fair value of our reporting units is less than the reporting unit carrying value. During the fourth quarter of 2019, in connection with the preparation of the year-end financial statements, we assessed matters related to Columbia of Massachusetts. While there was no single determinative event or factor, the consideration in totality of several factors that developed during the fourth quarter of 2019 led us to conclude that it was more likely than not that the fair value of the Columbia of Massachusetts reporting unit was below its carrying value. These factors included: (i) increased Massachusetts DPU regulatory enforcement activity related to Columbia of Massachusetts during the fourth quarter, including (a) an order imposing work restrictions on Columbia of Massachusetts, impacting Columbia of Massachusetts' infrastructure replacement program, (b) two orders opening public investigations into Columbia of Massachusetts related to the Greater Lawrence Incident and restoration efforts following the incident, and (c) an order defining the scope of the Massachusetts DPU's investigation into the preparation and response of Columbia of Massachusetts related to the incident; (ii) increased uncertainty as to the ability of Columbia of Massachusetts to execute its growth strategy, including utility infrastructure investments, and to obtain timely regulatory outcomes with reasonable rates of return; (iii) further damage to Columbia of Massachusetts' reputation as a result of concerns related to service lines abandoned during the restoration work following the Greater Lawrence Incident and the gas release event in Lawrence, Massachusetts on September 27, 2019; and (iv) a potential sale of the Massachusetts Business. See Note 19, "Other Commitments and Contingencies - C. Legal Proceedings," in the Notes to Consolidated Financial Statements for more information regarding Massachusetts DPU regulatory enforcement activity and Note 26, "Subsequent Event," in the Notes to Consolidated Financial Statements for more information regarding the potential sale of the Massachusetts Business.

As a result, a new impairment analysis was required for our Columbia of Massachusetts reporting unit. This analysis used a weighted average of income and market approaches for calculating fair value. The income approach calculated discounted cash flows using updated cash flow projections, discount rates and return on equity assumptions. The market approach applied a combination of comparable company multiples and comparable transactions and used updated cash flow projections. While certain assumptions, such as market multiples, remained unchanged in the year-end test, our cash flow projections, return on equity and rate case timing assumptions were all unfavorably updated at year-end compared to the May 1, 2019 test. The effects of these unfavorable developments were greater than the favorable change in weighted average cost of capital between the two tests. The year-end impairment analysis indicated that the fair value of the Columbia of Massachusetts reporting unit was below its carrying value. As a result, we reduced the Columbia of Massachusetts reporting unit goodwill balance to zero and recognized a goodwill impairment charge totaling \$204.8 million, which is non-deductible for tax purposes.

Our intangible assets, apart from goodwill, consist of franchise rights. Franchise rights were identified as part of the purchase price allocations associated with the acquisition in February 1999 of Columbia of Massachusetts. We review our definite-lived intangible assets for impairment when events or changes in circumstances indicate its fair value might be below its carrying amount.

During the fourth quarter of 2019, in connection with the preparation of the year-end financial statements, we assessed the changes in circumstances that occurred during the quarter to determine if it was more likely than not that the fair value of the franchise rights was below its carrying amount. These factors were the same fourth quarter circumstances outlined in the goodwill impairment discussion above. As a result, we performed a year-end impairment test in which we compared the book value of Columbia of Massachusetts to its undiscounted future cash flow and estimated fair value. With this analysis, we determined that the fair value of the franchise rights was zero. Therefore, we wrote off the entire franchise rights book value, which resulted in an impairment charge totaling \$209.7 million. See Note 6, "Goodwill and Other Intangible Assets," in the Notes to Consolidated Financial Statements for more information.

Revenue Recognition. Revenue is recorded as products and services are delivered. Utility revenues are billed to customers monthly on a cycle basis. Revenues are recorded on the accrual basis and include estimates for electricity and gas delivered but not billed.

We adopted the provisions of ASC 606 beginning on January 1, 2018 using a modified retrospective method, which was applied to all contracts. No material adjustments were made to January 1, 2018 opening balances and no material changes in the amount or timing of future revenue recognition occurred as a result of the adoption of ASC 606. Refer to Note 3 "Revenue Recognition," in the Notes to Consolidated Financial Statements.

Recently Issued Accounting Pronouncements

Refer to Note 2, "Recent Accounting Pronouncements," in the Notes to Consolidated Financial Statements.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

NI**SOURCE INC.**

Quantitative and Qualitative Disclosures about Market Risk are reported in Item 7. “Management’s Discussion and Analysis of Financial Condition and Results of Operations – Market Risk Disclosures.”

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

NISOURCE INC.

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ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NiSOURCE INC.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the stockholders and the Board of Directors of NiSource Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of NiSource Inc. and subsidiaries (the "Company") as of December 31, 2019 and 2018, the related statements of consolidated income (loss), comprehensive income (loss), stockholders' equity, and cash flows for each of the three years in the period ended December 31, 2019, and the related notes and the schedule listed in the Index at Item 15 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2019 and 2018, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2019, in conformity with accounting principles generally accepted in the United States of America.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated February 27, 2020, expressed an unqualified opinion on the Company's internal control over financial reporting.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matters communicated below are matters arising from the current-period audit of the financial statements that were communicated or required to be communicated to the audit committee and that (1) relate to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.

Impact of Rate Regulation on the Financial Statements - Refer to Notes 1, 8, 19, and 26 to the financial statements

Critical Audit Matter Description

Certain subsidiaries of NiSource Inc. are fully regulated natural gas and electric utility companies serving customers in seven states. These rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the manner in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be charged to and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the consolidated balance sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.

Through December 31, 2019, the Company invested approximately \$258 million of capital spend for the Greater Lawrence Incident pipeline replacement. As of December 31, 2019, the Company determined that a disallowance of the Greater Lawrence Incident pipeline replacement capital expenditures was not probable. On February 26, 2020, the Company and its wholly-owned subsidiary, Columbia of Massachusetts (CMA), agreed to sell substantially all of CMA's utility property, plant, and equipment (including the Greater Lawrence Incident pipeline replacement assets) with other specified assets and liabilities, to a third party. The Company

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NISOURCE INC.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

estimates that the total pre-tax loss resulting from this sale will be approximately \$360 million, based on December 31, 2019 asset and liability balances and estimated transaction costs.

We identified the accounting for rate-regulated subsidiaries as a critical audit matter due to the significant judgments made by management to support its assertions about impacted account balances and disclosures and the high degree of subjectivity involved in assessing the impact of future regulatory orders on the financial statements. Management judgments include assessing (1) the likelihood of recovery in future rates of incurred costs, (2) the likelihood of refund of amounts previously collected from customers, and (3) the probability of recovery of amounts capitalized related to the Greater Lawrence Incident pipeline replacement. Given that management's accounting judgments are based on assumptions about the outcome of future decisions by regulatory commissions, auditing these judgments required specialized knowledge of accounting for rate regulation and the rate making process due its inherent complexities.

How the Critical Audit Matter Was Addressed in the Audit

Our audit procedures related to the uncertainty of future decisions by regulatory commissions included the following, among others:

- We tested the effectiveness of management's controls over the evaluation of the likelihood of (1) the recovery in future rates of costs incurred as property, plant, and equipment and deferred as regulatory assets, and (2) a refund or a future reduction in rates that should be reported as regulatory liabilities. We also tested the effectiveness of management's controls over the initial recognition of amounts as property, plant, and equipment, including the Greater Lawrence Incident pipeline replacement; regulatory assets or liabilities; and the monitoring and evaluation of regulatory developments, that may affect the likelihood of recovering costs in future rates or of a future reduction in rates.
- We evaluated the Company's disclosures related to the impacts of rate regulation, including the balances recorded and regulatory developments.
- We read relevant regulatory orders issued by regulatory commissions, regulatory statutes, interpretations, filings made by interveners, and other publicly available information to assess the likelihood of recovery in future rates or of a future reduction in rates based on precedence of regulatory commissions' treatment of similar costs under similar circumstances. We evaluated the external information and compared it to management's recorded regulatory asset and liability balances for completeness.
- For regulatory matters in process, including those that could impact the Greater Lawrence Incident pipeline replacement, we inspected the Company's filings with regulatory commissions and the filings with regulatory commissions by intervenors for any evidence that might contradict management's assertions related to recoverability of recorded assets.
- We inquired of management about property, plant, and equipment that may be abandoned. We inspected minutes of meetings of the board of directors and regulatory orders and other filings with regulatory commissions to identify evidence that may contradict management's assertion regarding probability of an abandonment.
- We obtained an analysis from management regarding probability of recovery for regulatory assets or refund or future reduction in rates for regulatory liabilities not yet addressed in a regulatory order to assess management's assertion that amounts are probable of recovery or a future reduction in rates.
- We evaluated the impact of the February 26, 2020 sale transaction on the carrying value of the Company's utility property, plant, and equipment as of December 31, 2019.

Impairment of the Franchise Rights Intangible Asset & the Columbia of Massachusetts Reporting Unit Goodwill - Refer to Note 6 to the financial statements

Critical Audit Matter Description

The Company assessed the changes in circumstances that occurred during the fourth quarter to determine whether it was more likely than not that the fair values of the long-lived assets (including the franchise rights intangible asset) and goodwill of Columbia of Massachusetts (CMA), a wholly-owned subsidiary of the Company, were below their carrying amount. The totality of several factors led to the Company concluding that it was more likely than not that the fair value of the CMA reporting unit and the value of CMA's long-lived assets were below their carrying values. These factors included: (1) increased Massachusetts Department of Public Utilities (DPU) regulatory enforcement activity related to CMA, including (i) an order imposing work restrictions on CMA, (ii) two orders opening public investigations into CMA related to the Greater Lawrence Incident and restoration efforts following the incident, and (iii) an order defining the scope of the DPU's investigation into the preparation and response of CMA related to the incident; (2) increased uncertainty as to the ability of CMA to execute its growth strategy, including utility infrastructure

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NISOURCE INC.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

investments, and CMA's ability to obtain timely regulatory outcomes with reasonable rates of return; (3) further damage to CMA's reputation; and (4) the potential sale of the Company's business in Massachusetts.

The Company performed a long-lived asset impairment test as of December 31, 2019 in which it compared the book value of the CMA asset group to its undiscounted future cash flows and determined that the carrying value of the asset group was not recoverable. The Company estimated the fair value of the CMA asset group using a weighting of income and market approaches and determined that the fair value was less than the carrying value. The resulting impairment loss was allocated to reduce the recorded franchise rights intangible asset to its fair value of zero, which resulted in an impairment charge totaling \$209.7 million for the year ended December 31, 2019. The Company also performed a goodwill impairment test for the CMA reporting unit as of December 31, 2019. As part of this test, the Company estimated CMA's fair value based on a weighting of income and market approaches. This impairment analysis indicated that the fair value of the CMA reporting unit was below its carrying value and, as a result, the Company recognized a goodwill impairment charge totaling \$204.8 million.

We identified the impairment of the franchise rights intangible asset and the CMA reporting unit goodwill as a critical audit matter as there was a high degree of auditor judgment and subjectivity in applying procedures relating to the allocation of impairment to CMA's long-lived assets and the fair value measurement of the reporting unit. This was driven by significant management judgment when determining fair value, including (1) the weightings of the fair value approaches, (2) the future cash flows used in the impairment tests, and (3) other inputs used in the valuation including comparable company multiples, discount rates, and return on equity. In addition, the audit effort involved the use of fair value specialists to assist in performing audit procedures over these assumptions and evaluating the audit evidence obtained.

How the Critical Audit Matter Was Addressed in the Audit

Our audit procedures related to the impairment of CMA's franchise rights intangible asset and CMA reporting unit goodwill included the following, among others:

- We tested the effectiveness of management's controls over the impairments, including (1) validation of the assumptions included in the impairment analysis for both the franchise rights intangible asset and goodwill, (2) the evaluation of the methodology used in determining the magnitude of impairment charges as of December 31, 2019, and (3) the verification of the completeness and accuracy of the journal entry made to record the impairments and the related disclosures.
- We evaluated the inputs used in the franchise rights intangible asset and goodwill impairment tests, including cash flow projections, scenario analysis, discount rates, return on equity assumptions, and comparable company multiples.
- We compared the undiscounted cash flows used in the franchise rights intangible asset impairment test to the carrying value of the asset group to evaluate whether an impairment existed at December 31, 2019.
- With the assistance of our fair value specialists, we evaluated the reasonableness of the calculated amount of fair value of the franchise rights intangible asset.
- We evaluated the allocation of impairment to the franchise rights intangible asset.
- We evaluated the relative weightings of the income and market approaches used to estimate fair value for the purposes of the goodwill impairment test.
- We evaluated the reasonableness of the fair value calculated under the combination of income and market approaches by comparing it to the fair value used in the May 1, 2019 goodwill impairment test.
- We evaluated the Company's disclosures related to the impairment charges.

/s/ DELOITTE & TOUCHE LLP

Columbus, Ohio

February 27, 2020

We have served as the Company's auditor since 2002.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NiSOURCE INC.

STATEMENTS OF CONSOLIDATED INCOME (LOSS)

Year Ended December 31, <i>(in millions, except per share amounts)</i>	2019	2018	2017
Operating Revenues			
Customer revenues	\$ 5,053.4	\$ 4,991.1	\$ 4,730.2
Other revenues	155.5	123.4	144.4
Total Operating Revenues	5,208.9	5,114.5	4,874.6
Operating Expenses			
Cost of sales (excluding depreciation and amortization)	1,534.8	1,761.3	1,518.7
Operation and maintenance	1,354.7	2,352.9	1,601.7
Depreciation and amortization	717.4	599.6	570.3
Impairment of goodwill and other intangible assets	414.5	—	—
Loss on sale of fixed assets and impairments, net	—	1.2	5.5
Other taxes	296.8	274.8	257.2
Total Operating Expenses	4,318.2	4,989.8	3,953.4
Operating Income	890.7	124.7	921.2
Other Income (Deductions)			
Interest expense, net	(378.9)	(353.3)	(353.2)
Other, net	(5.2)	43.5	(13.5)
Loss on early extinguishment of long-term debt	—	(45.5)	(111.5)
Total Other Deductions, Net	(384.1)	(355.3)	(478.2)
Income (Loss) before Income Taxes	506.6	(230.6)	443.0
Income Taxes	123.5	(180.0)	314.5
Net Income (Loss)	383.1	(50.6)	128.5
Preferred dividends	(55.1)	(15.0)	—
Net Income (Loss) Available to Common Shareholders	328.0	(65.6)	128.5
Earnings (Loss) Per Share			
Basic Earnings (Loss) Per Share	\$ 0.88	\$ (0.18)	\$ 0.39
Diluted Earnings (Loss) Per Share	\$ 0.87	\$ (0.18)	\$ 0.39
Basic Average Common Shares Outstanding	374.6	356.5	329.4
Diluted Average Common Shares	376.0	356.5	330.8

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NI SOURCE INC.

STATEMENTS OF CONSOLIDATED COMPREHENSIVE INCOME (LOSS)

Year Ended December 31, <i>(in millions, net of taxes)</i>	2019	2018	2017
Net Income (Loss)	\$ 383.1	\$ (50.6)	\$ 128.5
Other comprehensive income (loss):			
Net unrealized gain (loss) on available-for-sale securities ⁽¹⁾	5.7	(2.6)	0.8
Net unrealized gain (loss) on cash flow hedges ⁽²⁾	(64.2)	22.7	(22.5)
Unrecognized pension and OPEB benefit (costs) ⁽³⁾	3.1	(4.4)	3.4
Total other comprehensive income (loss)	(55.4)	15.7	(18.3)
Total Comprehensive Income (Loss)	\$ 327.7	\$ (34.9)	\$ 110.2

⁽¹⁾ Net unrealized gain (loss) on available-for-sale securities, net of \$1.5 million tax expense, \$0.6 million tax benefit and \$0.4 million tax expense in 2019, 2018 and 2017, respectively.

⁽²⁾ Net unrealized gain (loss) on derivatives qualifying as cash flow hedges, net of \$21.2 million tax benefit, \$7.5 million tax expense and \$13.9 million tax benefit in 2019, 2018 and 2017, respectively.

⁽³⁾ Unrecognized pension and OPEB benefit (costs), net of \$1.6 million tax expense, \$1.5 million tax benefit and \$2.1 million tax expense in 2019, 2018 and 2017, respectively.

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NI SOURCE INC.
CONSOLIDATED BALANCE SHEETS

<i>(in millions)</i>	December 31, 2019	December 31, 2018
ASSETS		
Property, Plant and Equipment		
Utility plant	\$ 24,502.6	\$ 22,780.8
Accumulated depreciation and amortization	(7,609.3)	(7,257.9)
Net utility plant	16,893.3	15,522.9
Other property, at cost, less accumulated depreciation	18.9	19.6
Net Property, Plant and Equipment	16,912.2	15,542.5
Investments and Other Assets		
Unconsolidated affiliates	1.3	2.1
Other investments	228.9	204.0
Total Investments and Other Assets	230.2	206.1
Current Assets		
Cash and cash equivalents	139.3	112.8
Restricted cash	9.1	8.3
Accounts receivable (less reserve of \$19.2 and \$21.1, respectively)	856.9	1,058.5
Gas inventory	250.9	286.8
Materials and supplies, at average cost	120.2	101.0
Electric production fuel, at average cost	53.6	34.7
Exchange gas receivable	48.5	88.4
Regulatory assets	225.7	235.4
Prepayments and other	149.7	129.5
Total Current Assets	1,853.9	2,055.4
Other Assets		
Regulatory assets	2,013.9	2,002.1
Goodwill	1,485.9	1,690.7
Intangible assets, net	—	220.7
Deferred charges and other	163.7	86.5
Total Other Assets	3,663.5	4,000.0
Total Assets	\$ 22,659.8	\$ 21,804.0

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NI SOURCE INC.

CONSOLIDATED BALANCE SHEETS

<i>(in millions, except share amounts)</i>	December 31, 2019	December 31, 2018
CAPITALIZATION AND LIABILITIES		
Capitalization		
Stockholders' Equity		
Common stock - \$0.01 par value, 600,000,000 shares authorized; 382,135,680 and 372,363,656 shares outstanding, respectively	\$ 3.8	\$ 3.8
Preferred stock - \$0.01 par value, 20,000,000 shares authorized; 440,000 and 420,000 shares outstanding, respectively	880.0	880.0
Treasury stock	(99.9)	(99.9)
Additional paid-in capital	6,666.2	6,403.5
Retained deficit	(1,370.8)	(1,399.3)
Accumulated other comprehensive loss	(92.6)	(37.2)
Total Stockholders' Equity	5,986.7	5,750.9
Long-term debt, excluding amounts due within one year	7,856.2	7,105.4
Total Capitalization	13,842.9	12,856.3
Current Liabilities		
Current portion of long-term debt	13.4	50.0
Short-term borrowings	1,773.2	1,977.2
Accounts payable	666.0	883.8
Customer deposits and credits	256.4	238.9
Taxes accrued	231.6	222.7
Interest accrued	99.4	90.7
Exchange gas payable	59.7	85.5
Regulatory liabilities	160.2	140.9
Legal and environmental	20.1	18.9
Accrued compensation and employee benefits	156.3	149.7
Claims accrued	165.4	114.7
Other accruals	144.1	63.8
Total Current Liabilities	3,745.8	4,036.8
Other Liabilities		
Risk management liabilities	134.0	46.7
Deferred income taxes	1,485.3	1,330.5
Deferred investment tax credits	9.7	11.2
Accrued insurance liabilities	81.5	84.4
Accrued liability for postretirement and postemployment benefits	373.2	389.1
Regulatory liabilities	2,352.0	2,519.1
Asset retirement obligations	416.9	352.0
Other noncurrent liabilities	218.5	177.9
Total Other Liabilities	5,071.1	4,910.9
Commitments and Contingencies (Refer to Note 19, "Other Commitments and Contingencies")		
	—	—
Total Capitalization and Liabilities	\$ 22,659.8	\$ 21,804.0

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NiSOURCE INC.
STATEMENTS OF CONSOLIDATED CASH FLOWS

Year Ended December 31, (in millions)	2019	2018	2017
Operating Activities			
Net Income (Loss)	\$ 383.1	\$ (50.6)	\$ 128.5
Adjustments to Reconcile Net Income (Loss) to Net Cash from Operating Activities:			
Loss on early extinguishment of debt	—	45.5	111.5
Depreciation and amortization	717.4	599.6	570.3
Deferred income taxes and investment tax credits	118.2	(188.2)	306.7
Stock compensation expense and 401(k) profit sharing contribution	25.9	28.6	40.1
Impairment of goodwill and other intangible assets	414.5	—	—
Amortization of discount/premium on debt	8.2	7.5	7.4
AFUDC equity	(8.0)	(14.2)	(12.6)
Other adjustments	(0.9)	1.7	6.6
Changes in Assets and Liabilities:			
Accounts receivable	187.8	(186.2)	(52.3)
Inventories	(2.0)	41.4	19.0
Accounts payable	(299.9)	268.4	49.0
Customer deposits and credits	16.9	(25.4)	(2.5)
Taxes accrued	7.3	20.2	10.2
Interest accrued	8.8	(21.7)	(33.9)
Exchange gas receivable/payable	55.5	(21.5)	(64.5)
Other accruals	105.3	43.5	31.8
Prepayments and other current assets	(33.6)	(14.5)	(13.3)
Regulatory assets/liabilities	(85.6)	(53.2)	57.5
Postretirement and postemployment benefits	(21.1)	58.2	(380.9)
Deferred charges and other noncurrent assets	(76.1)	3.8	(2.0)
Other noncurrent liabilities	61.6	(2.8)	(34.4)
Net Cash Flows from Operating Activities	1,583.3	540.1	742.2
Investing Activities			
Capital expenditures	(1,802.4)	(1,818.2)	(1,695.8)
Cost of removal	(113.2)	(104.3)	(109.0)
Purchases of available-for-sale securities	(140.4)	(90.0)	(168.4)
Sales of available-for-sale securities	132.1	82.3	163.1
Other investing activities	1.5	4.1	1.6
Net Cash Flows used for Investing Activities	(1,922.4)	(1,926.1)	(1,808.5)
Financing Activities			
Issuance of long-term debt	750.0	350.0	3,250.0
Repayments of long-term debt and finance lease obligations	(51.6)	(1,046.1)	(1,855.0)
Issuance of short-term debt (maturity > 90 days)	600.0	950.0	—
Repayment of short-term debt (maturity > 90 days)	(700.0)	—	—
Change in short-term borrowings, net (maturity ≤ 90 days)	(104.0)	(178.5)	(282.4)
Issuance of common stock, net of issuance costs	244.4	848.2	336.7
Issuance of preferred stock, net of issuance costs	—	880.0	—
Equity costs, premiums and other debt related costs	(17.8)	(46.0)	(144.3)
Acquisition of treasury stock	—	(4.0)	(7.2)
Dividends paid - common stock	(298.5)	(273.3)	(229.1)
Dividends paid - preferred stock	(56.1)	(11.6)	—
Net Cash Flows from Financing Activities	366.4	1,468.7	1,068.7
Change in cash, cash equivalents and restricted cash	27.3	82.7	2.4
Cash, cash equivalents and restricted cash at beginning of period	121.1	38.4	36.0
Cash, Cash Equivalents and Restricted Cash at End of Period	\$ 148.4	\$ 121.1	\$ 38.4

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NISOURCE INC.

STATEMENTS OF CONSOLIDATED STOCKHOLDERS' EQUITY

<i>(in millions)</i>	Common Stock	Preferred Stock ⁽¹⁾	Treasury Stock	Additional Paid-In Capital	Retained Deficit	Accumulated Other Comprehensive Loss	Total
Balance as of January 1, 2017	\$ 3.3	\$ —	\$ (88.7)	\$ 5,153.9	\$ (972.2)	\$ (25.1)	\$ 4,071.2
Comprehensive Income:							
Net Income	—	—	—	—	128.5	—	128.5
Other comprehensive loss, net of tax	—	—	—	—	—	(18.3)	(18.3)
Common stock dividends (\$0.70 per share)	—	—	—	—	(229.4)	—	(229.4)
Treasury stock acquired	—	—	(7.2)	—	—	—	(7.2)
Stock issuances:							
Employee stock purchase plan	—	—	—	5.0	—	—	5.0
Long-term incentive plan	—	—	—	14.9	—	—	14.9
401(k) and profit sharing	—	—	—	34.3	—	—	34.3
Dividend reinvestment plan	—	—	—	6.4	—	—	6.4
ATM Program	0.1	—	—	314.6	—	—	314.7
Balance as of December 31, 2017	\$ 3.4	\$ —	\$ (95.9)	\$ 5,529.1	\$ (1,073.1)	\$ (43.4)	\$ 4,320.1
Comprehensive Loss:							
Net Loss	—	—	—	—	(50.6)	—	(50.6)
Other comprehensive income, net of tax	—	—	—	—	—	15.7	15.7
Dividends							
Common stock (\$0.78 per share)	—	—	—	—	(273.5)	—	(273.5)
Preferred stock (\$28.88 per share)	—	—	—	—	(11.6)	—	(11.6)
Treasury stock acquired	—	—	(4.0)	—	—	—	(4.0)
Cumulative effect of change in accounting principle	—	—	—	—	9.5	(9.5)	—
Stock issuances:							
Common stock - private placement	0.3	—	—	599.3	—	—	599.6
Preferred stock	—	880.0	—	—	—	—	880.0
Employee stock purchase plan	—	—	—	5.5	—	—	5.5
Long-term incentive plan	—	—	—	15.4	—	—	15.4
401(k) and profit sharing	—	—	—	21.8	—	—	21.8
ATM Program	0.1	—	—	232.4	—	—	232.5
Balance as of December 31, 2018	\$ 3.8	\$ 880.0	\$ (99.9)	\$ 6,403.5	\$ (1,399.3)	\$ (37.2)	\$ 5,750.9
Comprehensive Income:							
Net Income	—	—	—	—	383.1	—	383.1
Other comprehensive loss, net of tax	—	—	—	—	—	(55.4)	(55.4)
Dividends:							
Common stock (\$0.80 per share)	—	—	—	—	(298.5)	—	(298.5)
Preferred stock (See Note 12)	—	—	—	—	(56.1)	—	(56.1)
Stock issuances:							
Employee stock purchase plan	—	—	—	5.6	—	—	5.6
Long-term incentive plan	—	—	—	10.4	—	—	10.4
401(k) and profit sharing	—	—	—	17.6	—	—	17.6
ATM program	—	—	—	229.1	—	—	229.1
Balance as of December 31, 2019	\$ 3.8	\$ 880.0	\$ (99.9)	\$ 6,666.2	\$ (1,370.8)	\$ (92.6)	\$ 5,986.7

⁽¹⁾Series A and Series B shares have an aggregate liquidation preference of \$400M and \$500M, respectively. See Note 12, "Equity" for additional information.

The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NISOURCE INC.

STATEMENTS OF CONSOLIDATED STOCKHOLDERS' EQUITY

<i>(in thousands)</i>	Preferred	Common		
	Shares	Shares	Treasury	Outstanding
Balance as of January 1, 2017	—	326,664	(3,504)	323,160
Treasury stock acquired	—	—	(293)	(293)
Issued:				
Employee stock purchase plan	—	207	—	207
Long-term incentive plan	—	351	—	351
401(k) and profit sharing plan	—	1,396	—	1,396
Dividend reinvestment plan	—	264	—	264
ATM program	—	11,931	—	11,931
Balance as of December 31, 2017	—	340,813	(3,797)	337,016
Treasury stock acquired	—	—	(166)	(166)
Issued:				
Common stock - private placement	—	24,964	—	24,964
Preferred stock	420	—	—	—
Employee stock purchase plan	—	223	—	223
Long-term incentive plan	—	561	—	561
401(k) and profit sharing plan	—	882	—	882
ATM Program	—	8,883	—	8,883
Balance as of December 31, 2018	420	376,326	(3,963)	372,363
Issued:				
Preferred stock ⁽¹⁾	20	—	—	—
Employee stock purchase plan	—	201	—	201
Long-term incentive plan	—	518	—	518
401(k) and profit sharing plan	—	631	—	631
ATM program	—	8,423	—	8,423
Balance as of December 31, 2019	440	386,099	(3,963)	382,136

⁽¹⁾See Note 12, "Equity," for additional information.

Accompanying Notes to Consolidated Financial Statements are an integral part of these statements.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

1. Nature of Operations and Summary of Significant Accounting Policies

A. Company Structure and Principles of Consolidation. We are an energy holding company incorporated in Delaware and headquartered in Merrillville, Indiana. Our subsidiaries are fully regulated natural gas and electric utility companies serving approximately 4.0 million customers in seven states. We generate substantially all of our operating income through these rate-regulated businesses. The consolidated financial statements include the accounts of us and our majority-owned subsidiaries after the elimination of all intercompany accounts and transactions.

On February 26, 2020, NiSource and Columbia of Massachusetts entered into the Asset Purchase Agreement with Eversource, a Massachusetts voluntary association. Upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, NiSource and Columbia of Massachusetts agreed to sell to Eversource, with certain additions and exceptions, (1) substantially all of the assets of Columbia of Massachusetts and (2) all of the assets held by any of Columbia of Massachusetts' affiliates that primarily relate to the business of storing, distributing or transporting natural gas to residential, commercial and industrial customers in Massachusetts, as conducted by Columbia of Massachusetts, and Eversource agreed to assume certain liabilities of Columbia of Massachusetts and its affiliates. For additional information, see Note 26, "Subsequent Event."

B. Use of Estimates. The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

C. Cash, Cash Equivalents and Restricted Cash. We consider all highly liquid investments with original maturities of three months or less to be cash equivalents. We report amounts deposited in brokerage accounts for margin requirements as restricted cash. In addition, we have amounts deposited in trust to satisfy requirements for the provision of various property, liability, workers compensation, and long-term disability insurance, which is classified as restricted cash on the Consolidated Balance Sheets and disclosed with cash and cash equivalents on the Statements of Consolidated Cash Flows.

D. Accounts Receivable and Unbilled Revenue. Accounts receivable on the Consolidated Balance Sheets includes both billed and unbilled amounts. Unbilled amounts of accounts receivable relate to a portion of a customer's consumption of gas or electricity from the last cycle billing date through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates and weather. Accounts receivable fluctuates from year to year depending in large part on weather impacts and price volatility. Our accounts receivable on the Consolidated Balance Sheets include unbilled revenue, less reserves, in the amounts of \$350.5 million and \$324.2 million as of December 31, 2019 and 2018, respectively. The reserve for uncollectible receivables is our best estimate of the amount of probable credit losses in the existing accounts receivable. We determined the reserve based on historical experience and in consideration of current market conditions. Account balances are charged against the allowance when it is anticipated the receivable will not be recovered. Refer to Note 3, "Revenue Recognition," for additional information on customer-related accounts receivable.

E. Investments in Debt Securities. Our investments in debt securities are carried at fair value and are designated as available-for-sale. These investments are included within "Other investments" on the Consolidated Balance Sheets. Unrealized gains and losses, net of deferred income taxes, are recorded to accumulated other comprehensive income or loss. These investments are monitored for other than temporary declines in market value. Realized gains and losses and permanent impairments are reflected in the Statements of Consolidated Income (Loss). No material impairment charges were recorded for the years ended December 31, 2019, 2018 or 2017. Refer to Note 17, "Fair Value," for additional information.

F. Basis of Accounting for Rate-Regulated Subsidiaries. Rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be charged and collected. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the Consolidated Balance Sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.

In the event that regulation significantly changes the opportunity for us to recover our costs in the future, all or a portion of our regulated operations may no longer meet the criteria for regulatory accounting. In such an event, a write-down of all or a portion of our existing regulatory assets and liabilities could result. If transition cost recovery was approved by the appropriate regulatory bodies that would meet the requirements under GAAP for continued accounting as regulatory assets and liabilities during such recovery period, the regulatory assets and liabilities would be reported at the recoverable amounts. If unable to continue to apply

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

the provisions of regulatory accounting, we would be required to apply the provisions of ASC 980-20, *Discontinuation of Rate-Regulated Accounting*. In management's opinion, our regulated subsidiaries will be subject to regulatory accounting for the foreseeable future. Refer to Note 8, "Regulatory Matters," for additional information.

G. Plant and Other Property and Related Depreciation and Maintenance. Property, plant and equipment (principally utility plant) is stated at cost. The rate-regulated subsidiaries record depreciation using composite rates on a straight-line basis over the remaining service lives of the electric, gas and common properties as approved by the appropriate regulators.

Non-utility property is generally depreciated on a straight-line basis over the life of the associated asset. Refer to Note 5, "Property, Plant and Equipment," for additional information related to depreciation expense.

For rate-regulated companies, AFUDC is capitalized on all classes of property except organization costs, land, autos, office equipment, tools and other general property purchases. The allowance is applied to construction costs for that period of time between the date of the expenditure and the date on which such project is placed in service. Our pre-tax rate for AFUDC was 3.0% in 2019, 3.5% in 2018 and 4.0% in 2017.

Generally, our subsidiaries follow the practice of charging maintenance and repairs, including the cost of removal of minor items of property, to expense as incurred. When our subsidiaries retire regulated property, plant and equipment, original cost plus the cost of retirement, less salvage value, is charged to accumulated depreciation. However, when it becomes probable a regulated asset will be retired substantially in advance of its original expected useful life or is abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the net amount is classified as "Other property, at cost, less accumulated depreciation" on the Consolidated Balance Sheets. If the asset is no longer operating, the net amount is classified in "Regulatory assets" on the Consolidated Balance Sheets. If we are able to recover a full return of and on investment, the carrying value of the asset is based on historical cost. If we are not able to recover a full return on investment, a loss on impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate.

When our subsidiaries sell entire regulated operating units, or retire or sell nonregulated properties, the original cost and accumulated depreciation and amortization balances are removed from "Property, Plant and Equipment" on the Consolidated Balance Sheets. Any gain or loss is recorded in earnings, unless otherwise required by the applicable regulatory body. Refer to Note 5, "Property, Plant and Equipment," for further information.

External and internal costs associated with computer software developed for internal use are capitalized. Capitalization of such costs commences upon the completion of the preliminary stage of each project. Once the installed software is ready for its intended use, such capitalized costs are amortized on a straight-line basis generally over a period of five years, except for certain significant enterprise-wide technology investments which are amortized over a ten-year period.

External and internal up-front implementation costs associated with cloud computing arrangements that are service contracts are deferred on the Consolidated Balance Sheets. Once the installed software is ready for its intended use, such deferred costs are amortized on a straight-line basis to "Operation and maintenance," over the minimum term of the contract plus contractually-provided renewal periods that are reasonable expected to be exercised -- generally up to a maximum of five years.

H. Goodwill and Other Intangible Assets. Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. We test our goodwill for impairment annually as of May 1, or more frequently if events and circumstances indicate that goodwill might be impaired. Fair value of our reporting units is determined using a combination of income and market approaches.

We had other intangible assets consisting primarily of franchise rights apart from goodwill that were identified as part of the purchase price allocations associated with the acquisition of Columbia of Massachusetts, which were being amortized on a straight-line basis over forty years from the date of acquisition.

During the fourth quarter of 2019, we impaired goodwill and intangible assets related to Columbia of Massachusetts. See Note 6, "Goodwill and Other Intangible Assets," for additional information.

I. Accounts Receivable Transfer Program. Certain of our subsidiaries have agreements with third parties to transfer certain accounts receivable without recourse. These transfers of accounts receivable are accounted for as secured borrowings. The entire gross receivables balance remains on the December 31, 2019 and 2018 Consolidated Balance Sheets and short-term debt is recorded

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

in the amount of proceeds received from the transferees involved in the transactions. Refer to Note 18, "Transfers of Financial Assets," for further information.

J. Gas Cost and Fuel Adjustment Clause. Our regulated subsidiaries defer most differences between gas and fuel purchase costs and the recovery of such costs in revenues, and adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. These deferred balances are recorded as "Regulatory assets" or "Regulatory liabilities," as appropriate, on the Consolidated Balance Sheets. Refer to Note 8, "Regulatory Matters," for additional information.

K. Inventory. Both the LIFO inventory methodology and the weighted average cost methodology are used to value natural gas in storage, as approved by regulators for all of our regulated subsidiaries. Inventory valued using LIFO was \$47.2 million and \$47.5 million at December 31, 2019 and 2018, respectively. Based on the average cost of gas using the LIFO method, the estimated replacement cost of gas in storage was less than the stated LIFO cost by \$25.5 million and \$12.2 million at December 31, 2019 and 2018, respectively. Gas inventory valued using the weighted average cost methodology was \$203.7 million at December 31, 2019 and \$239.3 million at December 31, 2018.

Electric production fuel is valued using the weighted average cost inventory methodology, as approved by NIPSCO's regulator.

Materials and supplies are valued using the weighted average cost inventory methodology.

L. Accounting for Exchange and Balancing Arrangements of Natural Gas. Our Gas Distribution Operations segment enters into balancing and exchange arrangements of natural gas as part of its operations and off-system sales programs. We record a receivable or payable for any of our respective cumulative gas imbalances, as well as for any gas inventory borrowed or lent under a Gas Distribution Operations exchange agreement. Exchange gas is valued based on individual regulatory jurisdiction requirements (for example, historical spot rate, spot at the beginning of the month). These receivables and payables are recorded as "Exchange gas receivable" or "Exchange gas payable" on our Consolidated Balance Sheets, as appropriate.

M. Accounting for Risk Management Activities. We account for our derivatives and hedging activities in accordance with ASC 815. We recognize all derivatives as either assets or liabilities on the Consolidated Balance Sheets at fair value, unless such contracts are exempted as a normal purchase normal sale under the provisions of the standard. The accounting for changes in the fair value of a derivative depends on the intended use of the derivative and resulting designation.

We have elected not to net fair value amounts for any of our derivative instruments or the fair value amounts recognized for the right to receive cash collateral or obligation to pay cash collateral arising from those derivative instruments recognized at fair value, which are executed with the same counterparty under a master netting arrangement. See Note 9, "Risk Management Activities," for additional information.

N. Income Taxes and Investment Tax Credits. We record income taxes to recognize full interperiod tax allocations. Under the asset and liability method, deferred income taxes are provided for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amount and the tax basis of existing assets and liabilities. Investment tax credits associated with regulated operations are deferred and amortized as a reduction to income tax expense over the estimated useful lives of the related properties.

To the extent certain deferred income taxes of the regulated companies are recoverable or payable through future rates, regulatory assets and liabilities have been established. Regulatory assets for income taxes are primarily attributable to property-related tax timing differences for which deferred taxes had not been provided in the past, when regulators did not recognize such taxes as costs in the rate-making process. Regulatory liabilities for income taxes are primarily attributable to the regulated companies' obligation to refund to ratepayers deferred income taxes provided at rates higher than the current Federal income tax rate. Such property-related amounts are credited to ratepayers using either the average rate assumption method or the reverse South Georgia method. Non property-related amounts are credited to ratepayers consistent with state utility commission direction.

Pursuant to the Internal Revenue Code and relevant state taxing authorities, we and our subsidiaries file consolidated income tax returns for federal and certain state jurisdictions. We and our subsidiaries are parties to a tax sharing agreement. Income taxes recorded by each party represent amounts that would be owed had the party been separately subject to tax.

O. Environmental Expenditures. We accrue for costs associated with environmental remediation obligations when the incurrence of such costs is probable and the amounts can be reasonably estimated, regardless of when the expenditures are actually made. The undiscounted estimated future expenditures are based on currently enacted laws and regulations, existing technology and estimated site-specific costs where assumptions may be made about the nature and extent of site contamination, the extent of

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

cleanup efforts, costs of alternative cleanup methods and other variables. The liability is adjusted as further information is discovered or circumstances change. The accruals for estimated environmental expenditures are recorded on the Consolidated Balance Sheets in “Legal and environmental” for short-term portions of these liabilities and “Other noncurrent liabilities” for the respective long-term portions of these liabilities. Rate-regulated subsidiaries applying regulatory accounting establish regulatory assets on the Consolidated Balance Sheets to the extent that future recovery of environmental remediation costs is probable through the regulatory process. Refer to Note 19, “Other Commitments and Contingencies,” for further information.

P. Excise Taxes. As an agent for some state and local governments, we invoice and collect certain excise taxes levied by state and local governments on customers and record these amounts as liabilities payable to the applicable taxing jurisdiction. Such balances are presented within “Other accruals” on the Consolidated Balance Sheets. These types of taxes collected from customers, comprised largely of sales taxes, are presented on a net basis affecting neither revenues nor cost of sales. We account for excise taxes for which we are liable by recording a liability for the expected tax with a corresponding charge to “Other taxes” expense on the Statements of Consolidated Income (Loss).

Q. Accrued Insurance Liabilities. We accrue for insurance costs related to workers compensation, automobile, property, general and employment practices liabilities based on the most probable value of each claim. In general, claim values are determined by professional, licensed loss adjusters who consider the facts of the claim, anticipated indemnification and legal expenses, and respective state rules. Claims are reviewed by us at least quarterly and an adjustment is made to the accrual based on the most current information. Refer to Note 19-E “Other Matters” for further information on accrued insurance liabilities related to the Greater Lawrence Incident.

2. Recent Accounting Pronouncements

Recently Issued Accounting Pronouncements

We are currently evaluating the impact of certain ASUs on our Consolidated Financial Statements or Notes to Consolidated Financial Statements, which are described below:

Standard	Description	Effective Date	Effect on the financial statements or other significant matters
ASU 2018-14, <i>Compensation—Retirement Benefits—Defined Benefit Plans—General (Subtopic 715-20): Disclosure Framework—Changes to the Disclosure Requirements for Defined Benefit Plans</i>	The pronouncement modifies the disclosure requirements for defined benefit pension or other postretirement benefit plans. The guidance removes disclosures that are no longer considered cost beneficial, clarifies the specific requirements of disclosures and adds disclosure requirements identified as relevant. The modifications affect annual period disclosures and must be applied on a retrospective basis to all periods presented.	Annual periods ending after December 15, 2020. Early adoption is permitted.	We are currently evaluating the effects of this pronouncement on our Notes to Consolidated Financial Statements. We expect to adopt this ASU on its effective date.
ASU 2019-12, <i>Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes</i>	This pronouncement simplifies the accounting for income taxes by eliminating certain exceptions to the general principles in ASC 740, income taxes. It also improves consistency of application for other areas of the guidance by clarifying and amending existing guidance.	Annual periods beginning after December 15, 2020. Early adoption is permitted.	We are currently evaluating the effects of this pronouncement on our Consolidated Financial Statements and Notes to Consolidated Financial Statements. We tentatively expect to adopt this ASU on its effective date.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Recently Adopted Accounting Pronouncements

Standard	Adoption
ASU 2019-01, <i>Leases (Topic 842): Codification Improvements</i>	See Note 16, "Leases," for our discussion of the effects of implementing these standards.
ASU 2018-11, <i>Leases (Topic 842): Targeted Improvements</i>	
ASU 2018-01, <i>Leases (Topic 842): Land Easement Practical Expedient for Transition to Topic 842</i>	
ASU 2016-02, <i>Leases (Topic 842)</i>	
ASU 2019-04, <i>Codification Improvements to Topic 326, Financial Instruments-Credit Losses, Topic 815, Derivatives and Hedging, and Topic 825, Financial Instruments</i>	<p>In June 2016, the FASB issued ASU 2016-13 that revised the guidance on the impairment of most financial assets and certain other instruments that are not measured at fair value through net income. This ASU replaces the current "incurred loss" model with an "expected loss" model for instruments measured at amortized cost. It also requires entities to record allowances for available-for-sale securities rather than impair the carrying amount of the securities. Subsequent improvements to the estimated credit losses of available-for-sale securities will be recognized immediately in earnings instead of over time as they are under historic guidance.</p> <p>We adopted this ASU effective January 1, 2020, using a modified retrospective method. Adoption of this standard did not have a material impact on our Consolidated Financial Statements. No material adjustments were made to January 1, 2020 opening balances as a result of adoption. For our investments that are classified as available for sale debt securities, we will recognize impairment using an allowance approach instead of an 'other than temporary' impairment (OTTI) model. Since we do not have amounts previously recognized in other comprehensive income related to previous OTTI charges, provisions of this ASU are adopted prospectively. In regards to our recorded balances of trade receivables that fall within the scope of this ASU, the ASU did not result in any significant modifications to our policies related to recognizing an allowance on our trade receivables. Based on shared risk characteristics, we segregate our trade receivables into separate pools. We will apply separate models to calculate reserves for uncollectible receivables, as well as consider factors other than time to determine whether a credit loss exists. ASC 326 also prescribes additional presentation and disclosure requirements. For reporting periods beginning after January 1, 2020, we will include additional disclosures in our Notes to Consolidated Financial Statements based on qualitative and quantitative assessment of materiality.</p>
ASU 2016-13, <i>Financial Instruments-Credit Losses (Topic 326)</i>	

3. Revenue Recognition

In 2014, the FASB issued ASU 2014-09, Revenue from Contracts with Customers (ASC 606). ASU 2014-09 outlines a single, comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most current revenue recognition guidance. The core principle of the new standard is that an entity should recognize revenue to depict the transfer of goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. In 2016, the FASB issued ASU 2016-08, Revenue from Contracts with Customers (ASC 606): Principal versus Agent Considerations, and ASU 2016-12, Revenue from Contracts with Customers (ASC 606): Narrow-Scope Improvements and Practical Expedients. We adopted the provisions of ASC 606 beginning on January 1, 2018 using a modified retrospective method, which was applied to all contracts. No material adjustments were made to January 1, 2018 opening balances as a result of the adoption. As required under the modified retrospective method of adoption, results for reporting periods beginning after January 1, 2018 are presented under ASC 606, while prior period amounts are not adjusted and continue to be reported in accordance with ASC 605.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The table below provides results for the years ended December 31, 2019 and 2018 as if it had been prepared under historic accounting guidance. We included operating revenue information for the year ended December 31, 2017 for comparability.

Year Ended December 31, <i>(in millions)</i>	2019	2018	2017
Operating Revenues			
Gas Distribution	\$ 2,336.1	\$ 2,348.4	\$ 2,063.2
Gas Transportation	1,171.3	1,055.2	1,021.5
Electric	1,698.5	1,707.4	1,785.5
Other	3.0	3.5	4.4
Total Operating Revenues	\$ 5,208.9	\$ 5,114.5	\$ 4,874.6

Beginning in 2018 with the adoption of ASC 606, the Statements of Consolidated Income (Loss) disaggregates "Customer revenues" (i.e. ASC 606 Revenues) from "Other revenues," both of which are discussed in more detail below.

Customer Revenues. Substantially all of our revenues are tariff-based, which we have concluded is within the scope of ASC 606. Under ASC 606, the recipients of our utility service meet the definition of a customer, while the operating company tariffs represent an agreement that meets the definition of a contract. ASC 606 defines a contract as an agreement between two or more parties, in this case us and the customer, which creates enforceable rights and obligations. In order to be considered a contract, we have determined that it is probable that substantially all of the consideration to which we are entitled from customers will be collected upon satisfaction of performance obligations. We maintain common utility credit risk mitigation practices, including requiring deposits and actively pursuing collection of past due amounts. In addition, our regulated operations utilize certain regulatory mechanisms that facilitate recovery of bad debt costs within tariff-based rates, which provides further evidence of collectibility.

Customers in certain of our jurisdictions participate in programs that allow for a fixed payment each month regardless of usage. Payments received that exceed the value of gas or electricity actually delivered are recorded as a liability and presented in "Customer Deposits and Credits" on the Consolidated Balance Sheets. Amounts in this account are reduced and revenue is recorded when customer usage begins to exceed payments received.

We have identified our performance obligations created under tariff-based sales as 1) the commodity (natural gas or electricity, which includes generation and capacity) and 2) delivery. These commodities are sold and / or delivered to and generally consumed by customers simultaneously, leading to satisfaction of our performance obligations over time as gas or electricity is delivered to customers. Due to the at-will nature of utility customers, performance obligations are limited to the services requested and received to date. Once complete, we generally maintain no additional performance obligations.

Transaction prices for each performance obligation are generally prescribed by each operating company's respective tariff. Rates include provisions to adjust billings for fluctuations in fuel and purchased power costs and cost of natural gas. Revenues are adjusted for differences between actual costs subject to reconciliation and the amounts billed in current rates. Under or over recovered revenues related to these cost recovery mechanisms are included in "Regulatory Assets" or "Regulatory Liabilities" on the Consolidated Balance Sheets and are recovered from or returned to customers through adjustments to tariff rates. As we provide and deliver service to customers, revenue is recognized based on the transaction price allocated to each performance obligation. In general, revenue recognized from tariff-based sales is equivalent to the value of natural gas or electricity supplied and billed each period, in addition to an estimate for deliveries completed during the period but not yet billed to the customer.

In addition to tariff-based sales, our Gas Distribution Operations segment enters into balancing and exchange arrangements of natural gas as part of our operations and off-system sales programs. We have concluded that these sales are within the scope of ASC 606. Performance obligations for these types of sales include transportation and storage of natural gas and can be satisfied at a point in time or over a period of time, depending on the specific transaction. For those transactions that span a period of time, we record a receivable or payable for any cumulative gas imbalances, as well as for any gas inventory borrowed or lent under a Gas Distributions Operations exchange agreement.

Revenue Disaggregation and Reconciliation. We disaggregate revenue from contracts with customers based upon reportable segment as well as by customer class. As our revenues are primarily earned over a period of time, and we do not earn a material amount of revenues at a point in time, revenues are not disaggregated as such below. The Gas Distribution Operations segment provides natural gas service and transportation for residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia,

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Kentucky, Maryland, Indiana and Massachusetts. The Electric Operations segment provides electric service in 20 counties in the northern part of Indiana.

The table below reconciles revenue disaggregation by customer class to segment revenue as well as to revenues reflected on the Statements of Consolidated Income (Loss):

Year Ended December 31, 2019 (in millions)	Gas Distribution Operations	Electric Operations	Corporate and Other	Total
Customer Revenues⁽¹⁾				
Residential	\$ 2,309.0	\$ 481.6	\$ —	\$ 2,790.6
Commercial	771.3	486.6	—	1,257.9
Industrial	245.2	607.7	—	852.9
Off-system	77.7	—	—	77.7
Miscellaneous	52.0	21.5	0.8	74.3
Total Customer Revenues	\$ 3,455.2	\$ 1,597.4	\$ 0.8	\$ 5,053.4
Other Revenues	54.5	101.0	—	155.5
Total Operating Revenues	\$ 3,509.7	\$ 1,698.4	\$ 0.8	\$ 5,208.9

⁽¹⁾ Customer revenue amounts exclude intersegment revenues. See Note 23, "Segments of Business," for discussion of intersegment revenues.

Year Ended December 31, 2018 (in millions)	Gas Distribution Operations	Electric Operations	Corporate and Other	Total
Customer Revenues⁽¹⁾				
Residential	\$ 2,250.0	\$ 494.7	\$ —	\$ 2,744.7
Commercial	751.9	492.7	—	1,244.6
Industrial	228.0	613.6	—	841.6
Off-system	92.4	—	—	92.4
Miscellaneous	49.7	17.4	0.7	67.8
Total Customer Revenues	\$ 3,372.0	\$ 1,618.4	\$ 0.7	\$ 4,991.1
Other Revenues	34.4	89.0	—	123.4
Total Operating Revenues	\$ 3,406.4	\$ 1,707.4	\$ 0.7	\$ 5,114.5

⁽¹⁾ Customer revenue amounts exclude intersegment revenues. See Note 23, "Segments of Business," for discussion of intersegment revenues.

Customer Accounts Receivable. Accounts receivable on our Consolidated Balance Sheets includes both billed and unbilled amounts, as well as certain amounts that are not related to customer revenues. Unbilled amounts of accounts receivable relate to a portion of a customer's consumption of gas or electricity from the date of the last cycle billing through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates and weather. The opening and closing balances of customer receivables for the years ended December 31, 2019 and 2018 are presented in the table below. We had no significant contract assets or liabilities during the period. Additionally, we have not incurred any significant costs to obtain or fulfill contracts.

(in millions)	Customer Accounts Receivable, Billed (less reserve) ⁽¹⁾	Customer Accounts Receivable, Unbilled (less reserve)
Balance as of December 31, 2018	\$ 540.5	\$ 349.1
Balance as of December 31, 2019	466.6	346.6
Decrease	\$ (73.9)	\$ (2.5)

⁽¹⁾ Customer billed receivables decreased due to decreased natural gas costs and warmer weather in 2019 compared to 2018.

Utility revenues are billed to customers monthly on a cycle basis. We generally expect that substantially all customer accounts receivable will be collected within the month following customer billing, as this revenue consists primarily of monthly, tariff-based billings for service and usage.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Other Revenues. As permitted by accounting principles generally accepted in the United States, regulated utilities have the ability to earn certain types of revenue that are outside the scope of ASC 606. These revenues primarily represent revenue earned under alternative revenue programs. Alternative revenue programs represent regulator-approved programs that allow for the adjustment of billings and revenue for certain broad, external factors, or for additional billings if the entity achieves certain objectives, such as a specified reduction of costs. We maintain a variety of these programs, including demand side management initiatives that recover costs associated with the implementation of energy efficiency programs, as well as normalization programs that adjust revenues for the effects of weather or other external factors. Additionally, we maintain certain programs with future test periods that operate similarly to FERC formula rate programs and allow for recovery of costs incurred to replace aging infrastructure. When the criteria to recognize alternative revenue have been met, we establish a regulatory asset and present revenue from alternative revenue programs on the Statements of Consolidated Income (Loss) as “Other revenues.” When amounts previously recognized under alternative revenue accounting guidance are billed, we reduce the regulatory asset and record a customer account receivable.

4. Earnings Per Share

Basic EPS is computed by dividing net income attributable to common shareholders by the weighted-average number of shares of common stock outstanding for the period. The weighted-average shares outstanding for diluted EPS includes the incremental effects of the various long-term incentive compensation plans and forward agreements when the impact of such plans and agreements would be dilutive. The calculation of diluted earnings per share for the year ended December 31, 2018 does not include any dilutive potential common shares as we had a net loss on the Statements of Consolidated Income (Loss) for that period, and any incremental shares would have had an anti-dilutive impact on EPS. The calculation of diluted earnings per share for the year ended December 31, 2017 excludes the impact of forward agreements, which had an anti-dilutive effect for that period. The computation of diluted average common shares is as follows:

Year Ended December 31, <i>(in thousands)</i>	2019	2018	2017
Denominator			
Basic average common shares outstanding	374,650	356,491	329,388
Dilutive potential common shares:			
Shares contingently issuable under employee stock plans	929	—	547
Shares restricted under stock plans	154	—	821
Forward agreements	253	—	—
Diluted Average Common Shares	375,986	356,491	330,756

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

5. Property, Plant and Equipment

Our property, plant and equipment on the Consolidated Balance Sheets are classified as follows:

At December 31, (in millions)	2019	2018
Property, Plant and Equipment		
Gas Distribution Utility ⁽¹⁾	\$ 14,989.7	\$ 13,776.0
Electric Utility ⁽¹⁾	8,902.3	8,374.2
Corporate	153.3	155.8
Construction Work in Process	457.3	474.8
Non-Utility and Other	39.3	38.7
Total Property, Plant and Equipment	\$ 24,541.9	\$ 22,819.5
Accumulated Depreciation and Amortization		
Gas Distribution Utility ⁽¹⁾	\$ (3,556.0)	\$ (3,373.8)
Electric Utility ⁽¹⁾	(3,973.8)	(3,809.5)
Corporate	(79.5)	(74.6)
Non-Utility and Other	(20.4)	(19.1)
Total Accumulated Depreciation and Amortization	\$ (7,629.7)	\$ (7,277.0)
Net Property, Plant and Equipment	\$ 16,912.2	\$ 15,542.5

⁽¹⁾NIPSCO's common utility plant and associated accumulated depreciation and amortization are allocated between Gas Distribution Utility and Electric Utility Property, Plant and Equipment.

The weighted average depreciation provisions for utility plant, as a percentage of the original cost, for the periods ended December 31, 2019, 2018 and 2017 were as follows:

	2019	2018	2017
Electric Operations ⁽¹⁾	2.8%	2.9%	3.4%
Gas Distribution Operations	2.5%	2.2%	2.1%

⁽¹⁾Lower depreciation rate beginning in 2018 due to reduced EERM-related depreciation expense and higher depreciable base from transmission assets being placed into service in 2018.

We recognized depreciation expense of \$612.2 million, \$503.4 million and \$501.5 million for the years ended 2019, 2018 and 2017, respectively.

Amortization of Software Costs. We amortized \$55.5 million, \$54.1 million and \$44.0 million in 2019, 2018 and 2017, respectively, related to software costs. Our unamortized software balance was \$169.6 million and \$159.5 million at December 31, 2019 and 2018, respectively.

Amortization of Cloud Computing Costs. We amortized \$1.6 million and \$0.1 million in 2019 and 2018, respectively, related to cloud computing costs. Our unamortized cloud computing balance was \$14.2 million and \$4.9 million at December 31, 2019 and 2018, respectively.

6. Goodwill and Other Intangible Assets

Intangible and Other Long-Lived Assets Impairment. Our intangible assets, apart from goodwill, consist of franchise rights. Franchise rights were identified as part of the purchase price allocations associated with the acquisition in February 1999 of Columbia of Massachusetts. We review our definite-lived intangible assets, along with other long-lived assets (utility plant), for impairment when events or changes in circumstances indicate the assets' fair value might be below their carrying amount.

During the fourth quarter of 2019, in connection with the preparation of the year-end financial statements, we assessed the changes in circumstances that occurred during the quarter to determine if it was more likely than not that the fair value of our long-lived assets (including franchise rights) were below their carrying amount. While there was no single determinative event or factor, the consideration in totality of several factors that developed during the fourth quarter of 2019 led us to conclude that it was more likely than not that the fair value of the Columbia of Massachusetts reporting unit and the value of its long-lived assets was below

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

its carrying value. These factors included: (i) increased Massachusetts DPU regulatory enforcement activity related to Columbia of Massachusetts during the fourth quarter, including (a) an order imposing work restrictions on Columbia of Massachusetts, impacting Columbia of Massachusetts' infrastructure replacement program, (b) two orders opening public investigations into Columbia of Massachusetts related to the Greater Lawrence Incident and restoration efforts following the incident, and (c) an order defining the scope of the Massachusetts DPU's investigation into the preparation and response of Columbia of Massachusetts related to the incident; (ii) increased uncertainty as to the ability of Columbia of Massachusetts to execute its growth strategy, including utility infrastructure investments, and to obtain timely regulatory outcomes with reasonable rates of return; (iii) further damage to Columbia of Massachusetts' reputation as a result of concerns related to service lines abandoned during the restoration work following the Greater Lawrence Incident and the gas release event in Lawrence, Massachusetts on September 27, 2019; and (iv) the potential sale of the Massachusetts Business. See Note 19, "Other Commitments and Contingencies - C. Legal Proceedings" for more information regarding Massachusetts DPU regulatory enforcement activity. See Note 26, "Subsequent Event" for more information on the potential sale of the Massachusetts Business.

As a result, we performed a year-end impairment test of the held and used long-lived assets in which we compared the book value of the Columbia of Massachusetts asset group to its undiscounted future cash flow and determined the carrying value of the asset group was not recoverable. We estimated the fair value of the Columbia of Massachusetts asset group using a weighting of income and market approaches and determined that the fair value was less than the carrying value. This resulting impairment was allocated to reduce the entire franchise rights book value to its fair value of zero, which resulted in an impairment charge totaling \$209.7 million recorded in the Gas Distribution Operations segment.

We also considered if any regulatory assets or ROU assets were probable of disallowance and determined no disallowances were probable. All of Columbia of Massachusetts' regulatory assets represent incurred costs probable of recovery.

As of December 31, 2019 and 2018, the carrying amount of the franchise rights was \$0.0 million and \$220.7 million (net of accumulated amortization of \$221.5 million), respectively. We recorded amortization expense of \$11.0 million in 2019, 2018 and 2017 related to our franchise rights intangible asset.

Goodwill. Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. The following presents our goodwill balance allocated by segment as of December 31, 2019 and 2018:

<i>(in millions)</i>	2019	2018
Gas Distribution Operations	\$ 1,485.9	\$ 1,690.7
Electric Operations	—	—
Corporate and Other	—	—
Total	\$ 1,485.9	\$ 1,690.7

For our annual goodwill impairment analysis performed as of May 1, 2019, we completed a qualitative "step 0" analysis for all reporting units other than our Columbia of Massachusetts reporting unit. In the step 0 analysis, we assessed various assumptions, events and circumstances that would have affected the estimated fair value of the applicable reporting units as compared to their baseline May 1, 2016 "step 1" fair value measurement. The results of this assessment indicated that it was not more likely than not that the fair values of these reporting units were less than their respective carrying values, accordingly, no "step 1" analysis was required.

The results of our Columbia of Massachusetts reporting unit were negatively impacted by the Greater Lawrence Incident (see Note 19-C, "Legal Proceedings"). As a result, we completed a quantitative "step 1" analysis for the May 1, 2019 goodwill analysis for this reporting unit. This analysis considered the progress Columbia of Massachusetts had made with its restoration efforts related to the Greater Lawrence Incident, including the replacement of previously repaired equipment and the settlement agreement with the three impacted municipalities, as well as the ability for Columbia of Massachusetts to sustain its infrastructure replacement growth strategy through GSEP and timely rate cases with reasonable rates of return. Consistent with our historical impairment testing of goodwill, fair value of the Columbia of Massachusetts reporting unit was determined based on a weighting of income and market approaches. These approaches require significant judgments, including appropriate long-term growth rates and discount rates for the income approach and appropriate multiples of earnings for peer companies and control premiums for the market approach. These approaches also incorporate the latest available cash flow projections reflecting the estimated ongoing impacts of the Greater Lawrence Incident on Columbia of Massachusetts' operations. The discount rates were derived using peer company

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

data compiled with the assistance of a third party valuation services firm. The discount rates used are subject to change based on changes in tax rates at both the state and federal level, debt and equity ratios at each reporting unit and general economic conditions. The long-term growth rate was derived by evaluating historic growth rates, new business and investment opportunities beyond the near term horizon. The long-term growth rate is subject to change depending on inflationary impacts to the U.S. economy and the individual business environments in which each reporting unit operates. The step 1 analysis performed indicated that the fair value of the Columbia of Massachusetts reporting unit exceeds its carrying value. As a result, no impairment charge was recorded as of the May 1, 2019 test date.

Although our annual impairment test is performed during the second quarter, we continue to monitor changes in circumstances that may indicate that it is more likely than not that the fair value of our reporting units is less than the reporting unit carrying value. During the fourth quarter of 2019, in connection with the preparation of the year-end financial statements, we assessed the matters related to Columbia of Massachusetts. These factors were the same fourth quarter circumstances outlined in the intangible and other long-lived assets impairment above.

As a result, a new impairment analysis was required for our Columbia of Massachusetts reporting unit. Consistent with the May 1, 2019 test, fair value of this reporting unit was determined based on a weighting of income and market approaches. The income approach calculated discounted cash flows using updated cash flow projections, discount rates and return on equity assumptions. The market approach applied a combination of comparable company multiples and comparable transactions and used updated cash flow projections. While certain assumptions, such as market multiples, remained unchanged in the year-end test, our cash flow projections, return on equity and rate case assumptions were all unfavorably updated at year-end compared to the May 1, 2019 test. The effects of these unfavorable developments were greater than the favorable change in weighted average cost of capital between the two tests. The year-end impairment analysis indicated that the fair value of the Columbia of Massachusetts reporting unit was below its carrying value. As a result, we reduced the Columbia of Massachusetts reporting unit goodwill balance to zero and recognized a goodwill impairment charge totaling \$204.8 million, which is non-deductible for tax purposes.

7. Asset Retirement Obligations

We have recognized asset retirement obligations associated with various legal obligations including costs to remove and dispose of certain construction materials located within many of our facilities, certain costs to retire pipeline, removal costs for certain underground storage tanks, removal of certain pipelines known to contain PCB contamination, closure costs for certain sites including ash ponds, solid waste management units and a landfill, as well as some other nominal asset retirement obligations. We also have a significant obligation associated with the decommissioning of our two hydro facilities located in Indiana. These hydro facilities have an indeterminate life, and as such, no asset retirement obligation has been recorded.

Changes in our liability for asset retirement obligations for the years 2019 and 2018 are presented in the table below:

<i>(in millions)</i>	2019	2018
Beginning Balance	\$ 352.0	\$ 268.7
Accretion recorded as a regulatory asset/liability	15.7	11.1
Additions	—	63.3 ⁽²⁾
Settlements	(5.4)	(5.9)
Change in estimated cash flows	54.6 ⁽¹⁾	14.8 ⁽²⁾
Ending Balance	\$ 416.9	\$ 352.0

⁽¹⁾The change in estimated cash flows for 2019 is primarily attributed to changes in estimated costs and settlement timing for electric generating stations and the changes in estimated costs for retirement of gas mains.

⁽²⁾In 2018, \$59.8 million of additions and \$17.7 million of the change in estimated cash flows are attributed to costs associated with refining the CCR compliance plan. See Note 19-D, "Environmental Matters," for additional information on CCRs.

Certain non-legal costs of removal that have been, and continue to be, included in depreciation rates and collected in the customer rates of the rate-regulated subsidiaries are classified as "Regulatory liabilities" on the Consolidated Balance Sheets.

8. Regulatory Matters

Regulatory Assets and Liabilities

We follow the accounting and reporting requirements of ASC Topic 980, which provides that regulated entities account for and report assets and liabilities consistent with the economic effect of regulatory rate-making procedures if the rates established are

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

designed to recover the costs of providing the regulated service and it is probable that such rates can be charged and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income or expense are deferred on the balance sheet and are recognized in the income statement as the related amounts are included in customer rates and recovered from or refunded to customers.

Regulatory assets were comprised of the following items:

At December 31, (in millions)	2019	2018
Regulatory Assets		
Unrecognized pension and other postretirement benefit costs (see Note 11)	\$ 739.1	\$ 798.3
Deferred pension and other postretirement benefit costs (see Note 11)	91.3	74.1
Environmental costs (see Note 19-D)	73.4	61.5
Regulatory effects of accounting for income taxes (see Note 1-N and Note 10)	234.0	233.1
Under-recovered gas and fuel costs (see Note 1-J)	3.9	34.7
Depreciation	210.7	209.6
Post-in-service carrying charges	219.8	206.6
Safety activity costs	118.6	91.7
DSM programs	50.1	45.5
Bailly Generating Station	221.8	244.3
Other	276.9	238.1
Total Regulatory Assets	\$ 2,239.6	\$ 2,237.5

Regulatory liabilities were comprised of the following items:

At December 31, (in millions)	2019	2018
Regulatory Liabilities		
Over-recovered gas and fuel costs (see Note 1-J)	\$ 42.6	\$ 32.0
Cost of removal (see Note 7)	1,047.5	1,076.0
Regulatory effects of accounting for income taxes (see Note 1-N and Note 10)	1,307.0	1,428.3
Deferred pension and other postretirement benefit costs (see Note 11)	64.7	62.7
Other	50.4	61.0
Total Regulatory Liabilities	\$ 2,512.2	\$ 2,660.0

Regulatory assets, including under-recovered gas and fuel cost, of approximately \$1,524.3 million as of December 31, 2019 are not earning a return on investment. These costs are recovered over a remaining life of up to 41 years. Regulatory assets of approximately \$1,932.4 million include expenses that are recovered as components of the cost of service and are covered by regulatory orders. Regulatory assets of approximately \$307.2 million at December 31, 2019, require specific rate action.

Assets:

Unrecognized pension and other postretirement benefit costs. In 2007, we adopted certain updates of ASC 715 which required, among other things, the recognition in other comprehensive income or loss of the actuarial gains or losses and the prior service costs or credits that arise during the period but that are not immediately recognized as components of net periodic benefit costs. Certain subsidiaries defer these gains or losses as a regulatory asset in accordance with regulatory orders or as a result of regulatory precedent, to be recovered through base rates.

Deferred pension and other postretirement benefit costs. Primarily relates to the difference between postretirement expense recorded by certain subsidiaries due to regulatory orders and the postretirement expense recorded in accordance with GAAP. These costs are expected to be collected through future base rates, revenue riders or tracking mechanisms.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Environmental costs. Includes certain recoverable costs of investigating, testing, remediating and other costs related to gas plant sites, disposal sites or other sites onto which material may have migrated. Certain of our companies defer the costs as a regulatory asset in accordance with regulatory orders, to be recovered in future base rates, billing riders or tracking mechanisms.

Regulatory effects of accounting for income taxes. Represents the deferral and under collection of deferred taxes in the rate making process. In prior years, we have lowered customer rates in certain jurisdictions for the benefits of accelerated tax deductions. Amounts are expensed for financial reporting purposes as we recover deferred taxes in the rate making process.

Under-recovered gas and fuel costs. Represents the difference between the costs of gas and fuel and the recovery of such costs in revenue and is used to adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. Recovery of these costs is achieved through tracking mechanisms.

Depreciation. Represents differences between depreciation expense incurred on a GAAP basis and that prescribed through regulatory order. Significant components of this balance include:

- **Columbia of Ohio depreciation rates.** Prior to 2005, the PUCO-approved depreciation rates for rate-making had been lower than those which would have been utilized if Columbia of Ohio were not subject to regulation resulting in the creation of a regulatory asset. In 2005, the PUCO authorized Columbia of Ohio to revise its depreciation accrual rates for the period beginning January 1, 2005. The revised depreciation rates are higher than those which would have been utilized if Columbia of Ohio were not subject to regulation allowing for amortization of the previously created regulatory asset. The amount of depreciation that would have been recorded from 2005 through 2019 had Columbia of Ohio not been subject to rate regulation is a cumulative \$923.5 million, \$103.8 million less than that reflected in rates. The resulting regulatory asset balance was \$27.9 million and \$39.5 million as of December 31, 2019 and 2018, respectively.
- **Columbia of Ohio IRP and CEP.** Columbia of Ohio also has PUCO approval to defer depreciation and debt-based post-in-service carrying charges (see "*Post-in-service carrying charges*" below) associated with its IRP and CEP. As of December 31, 2019, depreciation of \$31.9 million and \$77.2 million was deferred for the respective programs. Depreciation deferral balances for the respective programs as of December 31, 2018 were \$29.1 million and \$76.0 million. Recovery of the depreciation is approved annually through the IRP and CEP riders. The equivalent of annual depreciation expense, based on the average life of the related assets, is included in the calculation of the IRP and CEP riders approved by the PUCO and billed to customers. Deferred depreciation expense is recognized as the IRP and CEP riders are billed to customers.
- **NIPSCO ECRM.** NIPSCO obtained approval from the IURC to recover certain environmental related costs including operation and maintenance and depreciation expense once the environmental facilities become operational. The ECRM deferred charges represent expenses that will be recovered from customers through an annual ECRM Cost Tracker (ECT) which authorizes the collection of deferred balances over a six month period. Depreciation of \$15.2 million and \$14.4 million was deferred to a regulatory asset as of December 31, 2019 and 2018, respectively. This regulatory asset was included in electric base rates, which was approved by the IURC on December 4, 2019.
- **NIPSCO TDSIC.** NIPSCO obtained approval from the IURC to recover costs for certain system modernization projects outside of a base rate proceeding. Eighty percent of the related costs, including depreciation, property taxes, and debt and equity based carrying charges (see "*Post-in-service carrying charges*" below) are recovered through a semi-annual recovery mechanism. Recovery of these costs will continue through the TDSIC tracker until such assets are included in rate base through a gas or electric base rate case, respectively. The remaining twenty percent of the costs are deferred until the next base rate case. As of December 31, 2019 and 2018, depreciation of \$22.0 million and \$16.5 million, respectively, was deferred as a regulatory asset.

Post-in-service carrying charges. Represents deferred debt-based carrying charges incurred on certain assets placed into service but not yet included in customer rates. This balance includes:

- **Columbia of Ohio IRP and CEP.** See description of IRP and CEP programs above under the heading "*Depreciation.*" As of December 31, 2019 and 2018, Columbia of Ohio had deferred PISCC of \$206.4 million and \$197.1 million, respectively.
- **NIPSCO TDSIC.** See description of TDSIC program above under the heading "*Depreciation.*" Deferral of equity-based carrying charges for the TDSIC program is allowed; however, such amounts are not reflected in regulatory asset balances for financial reporting as equity-based returns do not meet the definition of incurred costs under ASC 980. As of December 31, 2019 and 2018, NIPSCO had deferred PISCC of \$13.4 million and \$9.5 million, respectively.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Safety activity costs. Represents the difference between costs incurred in eligible safety programs in excess of those being recovered in rates. The eligible cost deferrals represent necessary business expenses incurred in compliance with PHMSA regulations and are targeted to enhance the safety of the pipeline systems. Certain subsidiaries defer the excess costs as a regulatory asset in accordance with regulatory orders and recovery of these costs will be addressed in future base rate proceedings.

DSM programs. Represents costs associated with Gas Distribution Operations and Electric Operations segments' energy efficiency and conservation programs. Costs are recovered through tracking mechanisms.

Bailly Generating Station. Represents the net book value of Units 7 and 8 of Bailly Generating Station that was retired during 2018. These amounts are currently being amortized at a rate consistent with their inclusion in customer rates.

Liabilities:

Over-recovered gas and fuel costs. Represents the difference between the cost of gas and fuel and the recovery of such costs in revenues and is the basis to adjust future billings for such refunds on a basis consistent with applicable state-approved tariff provisions. Refunding of these revenues is achieved through tracking mechanisms.

Cost of removal. Represents anticipated costs of removal that have been, and continue to be, included in depreciation rates and collected in customer rates of the rate-regulated subsidiaries for future costs to be incurred.

Regulatory effects of accounting for income taxes. Represents amounts owed to customers for deferred taxes collected at a higher rate than the current statutory rates and liabilities associated with accelerated tax deductions owed to customers that are established during the rate making process. Balance includes excess deferred taxes recorded upon implementation of the TCJA in December 2017, net of amounts amortized through 2019.

Deferred pension and other postretirement benefit costs. Primarily represents cash contributions in excess of postretirement benefit expense that is deferred as a regulatory liability by certain subsidiaries in accordance with regulatory orders.

Cost Recovery and Trackers

Comparability of our line item operating results is impacted by regulatory trackers that allow for the recovery in rates of certain costs such as those described below. Increases in the expenses that are the subject of trackers generally result in a corresponding increase in operating revenues and, therefore, have essentially no impact on total operating income results.

Certain costs of our operating companies are significant, recurring in nature and generally outside the control of the operating companies. Some states allow the recovery of such costs through cost tracking mechanisms. Such tracking mechanisms allow for abbreviated regulatory proceedings in order for the operating companies to implement charges and recover appropriate costs. Tracking mechanisms allow for more timely recovery of such costs as compared with more traditional cost recovery mechanisms. Examples of such mechanisms include GCR adjustment mechanisms, tax riders, bad debt recovery mechanisms, electric energy efficiency programs, MISO non-fuel costs and revenues, resource capacity charges, federally mandated costs and environmental-related costs.

A portion of the Gas Distribution revenue is related to the recovery of gas costs, the review and recovery of which occurs through standard regulatory proceedings. All states in our operating area require periodic review of actual gas procurement activity to determine prudence and to permit the recovery of prudently incurred costs related to the supply of gas for customers. Our distribution companies have historically been found prudent in the procurement of gas supplies to serve customers.

A portion of the Electric Operations revenue is related to the recovery of fuel costs to generate power and the fuel costs related to purchased power. These costs are recovered through a FAC, a quarterly regulatory proceeding in Indiana.

Infrastructure Replacement and Federally-Mandated Compliance Programs

All of our operating utility companies have completed rate proceedings involving infrastructure replacement or enhancement, and have embarked upon initiatives to replace significant portions of their operating systems that are nearing the end of their useful lives. Each company's approach to cost recovery is unique, given the different laws, regulations and precedent that exist in each jurisdiction.

Columbia of Ohio, IRP - On December 3, 2008, the PUCO issued an order which established Columbia of Ohio's IRP. Pursuant to that order, the IRP provides for recovery of costs resulting from: (1) the maintenance, repair and replacement of customer-owned service lines that have been determined by Columbia of Ohio to present an existing or probable hazard to persons and property;

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

(2) Columbia of Ohio's replacement of cast iron, wrought iron, unprotected coated steel and bare steel pipe and associated company and customer-owned metallic service lines; (3) the replacement of customer-owned natural gas risers identified by the PUCO as prone to failure; and (4) the installation of AMR devices on all residential and commercial meters served by Columbia of Ohio. Recoverable costs include a return on investment, depreciation and property taxes, offset by specified cost savings. Columbia of Ohio's five-year IRP plan renewal was last approved on January 31, 2018 for the years 2018-2022.

Columbia of Ohio, CEP - On October 3, 2011, Columbia of Ohio filed an application for approval to establish the CEP that would provide for the deferral of PISCC on those assets placed into service, but not reflected in rates as plant in service, and the deferral of depreciation expense and property taxes directly attributable to the CEP assets for the period October 1, 2011 through December 31, 2012. Capital expenditures covered under this program included those placed into service that were not part of Columbia of Ohio's IRP. CEP was approved by the PUCO on August 29, 2012. Under this program, the PUCO's approval provided for the deferral of related PISCC, depreciation and property taxes up to the point where the deferred amount, if included in rates, would exceed \$1.50 per month impact on the Small General Service class of customers, subject to the PUCO's determination of the prudence and reasonableness of investments covered under this program in a future regulatory proceeding. Subsequently, on October 3, 2013, the PUCO modified and approved Columbia of Ohio's application to continue its CEP deferrals in 2013 and succeeding years, subject to the determination of the prudence, reasonableness and magnitude of the deferrals and capital expenditures in a future cost recovery proceeding. On December 1, 2017, Columbia of Ohio filed an application in which it requested authority to implement a rider to begin recovering plant and associated deferrals related to its CEP. On October 25, 2018, a joint stipulation and recommendation was filed to recover CEP investments and deferrals through December 31, 2017, with annual adjustments for capital investments made in subsequent years. Additionally, the signatory parties to the stipulation agreed to a reduction in rates to adjust for the impacts of the Tax Cut Jobs Act and for a base rate case filing to be made by Columbia of Ohio no later than June 30, 2021. On November 28, 2018 the PUCO issued an order unanimously approving the settlement, without modification.

NIPSCO Gas and Electric, TDSIC - On April 30, 2013, the Indiana Governor signed Senate Enrolled Act 560, known as the TDSIC statute, into law. Among other provisions, the TDSIC statute provides for cost recovery outside of a base rate proceeding for new or replacement electric and gas transmission, distribution, and storage projects that a public utility undertakes for the purposes of safety, reliability, system modernization or economic development. Provisions of the TDSIC statute require that, among other things, requests for recovery include a seven-year plan of eligible investments. Once the plan is approved by the IURC, eighty percent of eligible costs can be recovered using a periodic rate adjustment mechanism, known as the TDSIC mechanism. Recoverable costs include a return on the investment, including AFUDC, PISCC, depreciation and property taxes. The remaining twenty percent of recoverable costs are deferred for future recovery in NIPSCO's next general rate case. This rate adjustment mechanism is typically filed semi-annually and has a cap at an annual increase of two percent of total retail revenues. During the 2019 Legislative session, the Indiana General Assembly amended the TDSIC statute in House Enrolled Act 1470 that was signed into law by the Governor on April 24, 2019. The revisions that became effective on July 1, 2019 permit flexibility in TDSIC Plans between five and seven years in length, permits the IURC to authorize multi-unit projects that do not include specific locations or an exact number of inspections, repairs, or replacements and projects involving advanced technology investments to support the modernization of transmission, distribution, or storage systems. The amendments also authorize termination of TDSIC Plans prior to their expiration and provide that the projects associated with the terminated plan will continue to receive TDSIC treatment until an Order is issued in the utility's next general rate case, and provide for the ability to seek approval of a new TDSIC Plan. The amended statute also provides that the two percent revenue cap applies to the aggregate of approved TDSIC Plans and requires that the utility file a base rate case at some point during the term of each TDSIC plan. On December 31, 2019, NIPSCO Gas filed a new 6-year TDSIC for the periods 2020 through 2025.

NIPSCO Electric, ECRM - NIPSCO has approval from the IURC to recover certain environmental related costs through an ECT (environmental cost tracker). Under the ECT, NIPSCO is permitted to recover (1) AFUDC and a return on the capital investment expended by NIPSCO to implement environmental compliance plan projects and (2) related operation and maintenance and depreciation expenses once the environmental facilities become operational. All deferred costs associated with ECRM were included in electric rate base and approved by the IURC on December 4, 2019.

NIPSCO Gas and Electric, FMCA - The FMCA statute provides for cost recovery outside of a base rate proceeding for projected federally mandated costs. Once the plan is approved by the IURC, eighty percent of eligible costs can be recovered using a periodic rate adjustment mechanism, known as the FMCA mechanism. Recoverable costs include a return on the investment, including AFUDC, PISCC, mandated operation and maintenance expenses, depreciation and property taxes. The remaining twenty percent of recoverable costs are deferred for future recovery in NIPSCO's next general rate case. Actual costs that exceed the projected

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

federally mandated costs of the approved compliance project by more than twenty-five percent shall require specific justification by NIPSCO and specific approval by the IURC before being authorized in the next general rate case.

Columbia of Massachusetts, GSEP - On July 7, 2014, the Governor of Massachusetts signed into law Chapter 149 of the Acts of 2014, an Act Relative to Natural Gas Leaks (“the Act”). Adopted into the Massachusetts Utility Provisions, G.L. c. 164, § 145, the Act authorizes natural gas distribution companies to file a GSEP for capital investments made on or after January 1, 2015, that are not included in the company’s current rate base as determined in the most recent base rate case, with the Massachusetts DPU to (1) address the replacement or improvement of existing aging natural gas pipeline infrastructure to improve public safety or infrastructure reliability, and (2) reduce the lost and unaccounted for natural gas through a reduction in natural gas system leaks. In addition, the Act provides that the Massachusetts DPU may, after review of the plan, allow the proposed estimated costs of the plan into rates as of May 1 of the subsequent year. Recoverable costs include a return on investment, depreciation and property taxes, offset by identified operations and maintenance cost savings. Beginning with the 2019 GSEP, rates are subject to a capped annual revenue increase of three percent of total annual firm delivery revenues, plus imputed gas revenues for sales and transportation customers, calculated as the product of (1) the historical average cost of gas per therm, and (2) the average weather normalized sales, for the period beginning with 2013 and ending with the most recent year that actual data is available at the time of the October GSEP Plan filing, per the Massachusetts DPU order in Columbia of Massachusetts’ 2019 GSEP. Prior to the 2019 GSEP, the annual revenue increase was capped at one and a half percent. At the end of each 12-month period, in May of the subsequent year, Columbia of Massachusetts must file a reconciliation of the amount collected and actual costs. Any over-collection or under-collection balance is passed back to, or recovered from, customers through the surcharge over a 12-month period beginning in November. On October 31, 2019, the Massachusetts DPU issued an order on Columbia of Massachusetts’ GSEP reconciliation proceeding finding that, due to pending investigations of the Greater Lawrence Incident and other operational matters, the Massachusetts DPU could not, at this time, make a finding of prudence with respect to the Columbia of Massachusetts’ 2018 GSEP investments and deferred the decision on the prudence of the 2018 GSEP investments in the annual GSEP and GSEP reconciliation filings until the investigations by the DPU are complete. The DPU added that its inability to make a finding of prudence did not constitute a finding of imprudence. Once new base rates are established under a base rate proceeding, the GSEP factor is re-set to remove the capital investment and associated revenue reflected in the base rates. Columbia of Massachusetts’ current five year GSEP plan for the periods 2019-2023 was approved April 30, 2019.

Columbia of Pennsylvania, DSIC - On February 14, 2012, the Governor of Pennsylvania signed into law Act 11 of 2012, which provided a DSIC mechanism for certain utilities to recover costs related to repair, replacement or improvement of eligible distribution property that has not previously been reflected in rates or rate base. Through a DSIC, a utility may recover the fixed costs of eligible infrastructure incurred during the three months ended one month prior to the effective date of the charge, thereby reducing the historical regulatory lag associated with cost recovery through the traditional rate-making process. On March 14, 2013, the Pennsylvania PUC approved Columbia of Pennsylvania’s petition to implement a DSIC as of April 1, 2013. Accordingly, Columbia of Pennsylvania is authorized to recover the cost of eligible plant associated with repair, replacement or improvement that was not previously reflected in rate base and has been placed in service during the applicable three-month period. After the initial charge is established, the DSIC is updated quarterly to recover the cost of further plant additions and cannot exceed five percent of distribution revenues. Recoverable costs include a return on investment, exclusive of accumulated deferred income taxes from the calculation of rate base, and depreciation. Once new base rates are established under a base rate proceeding, the DSIC is set to zero. Additionally, the DSIC rate is also reset to zero if, in any quarter, the data reflected in the Columbia of Pennsylvania’s most recent quarterly financial earnings report show that the utility will earn an overall rate of return that would exceed the allowable rate of return used to calculate its fixed costs under the DSIC mechanism. A utility is exempt from filing a quarterly financial earnings report when a base rate proceeding is pending before the Pennsylvania PUC.

Columbia of Virginia, SAVE - On March 11, 2010, the Virginia Governor signed legislation into law that allows natural gas utilities to implement programs to replace qualifying infrastructure on an expedited basis and provides for timely cost recovery. Known as the SAVE Act, the law allows natural gas utilities to file programs with the VSCC providing a timeline and estimated costs for replacing eligible infrastructure. Eligible infrastructure replacement projects are those that (1) enhance safety or reliability by reducing system integrity risks associated with customer outages, corrosion, equipment failures, material failures, or natural forces; (2) do not increase revenues by directly connecting the infrastructure replacement to new customers; (3) reduce or have the potential to reduce greenhouse gas emissions; (4) are not included in the natural gas utility’s rate base in its most recent rate case; and (5) are commenced on or after January 1, 2010. The SAVE Act provides for recovery of costs associated with the eligible infrastructure through a rate rider. Recoverable costs include a return on investment, depreciation and property taxes. Columbia of Virginia’s current five year SAVE plan was approved by the VSCC in 2016 and amended in 2017 for the years 2016 through 2020 and amended in 2019 for calendar year 2020.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Columbia of Kentucky, SMRP (formerly AMRP) - On October 26, 2009, the Kentucky PSC approved a mechanism for recovering the costs of Columbia of Kentucky's AMRP not previously reflected in rate base through an annual fixed monthly rate rider filed in October. In its 2013 rate case, Columbia of Kentucky was allowed to base the AMRP rider on the expected annual cost of service. Recoverable costs include a return on investment, depreciation and property taxes, offset by specific cost savings. At the end of each 12-month period, Columbia of Kentucky must file a reconciliation of the amount collected and actual costs. Any over-collection or under-collection balance is passed back to, or recovered from, customers through the surcharge over a 12-month period beginning in June of the subsequent year. Once new base rates are established under a base rate proceeding, the AMRP rider is set to zero. On July 29, 2019, CKY filed its SMRP to clarify approval of low pressure project spend and expand its AMRP to include for recovery of system safety investments, including low pressure project spend. On November 7, 2019, the Commission approved Columbia of Kentucky's request to amend and expand its annual AMRP to become the SMRP.

Columbia of Maryland, STRIDE - On May 2, 2013, the Governor of Maryland signed Senate Bill 8 into law, authorizing gas companies to accelerate recovery of eligible infrastructure replacement, effective June 1, 2013. The STRIDE statute provides recovery for gas pipeline upgrades outside of the context of a base rate proceeding through an annual surcharge, IRIS, as approved by the Maryland PSC. The STRIDE statute directs gas utilities to file a plan to invest in eligible infrastructure replacement projects and to list the specific projects and elements in any such STRIDE plan with the Maryland PSC. The calendar year projected capital projects to be placed into plant in service and included in Columbia of Maryland's surcharge recovery request must satisfy a number of criteria per the statute, including a requirement that they be designed to improve public safety or infrastructure reliability. Columbia of Maryland's five-year STRIDE Plan renewal for years 2019 through 2023, as with the preceding five years, is focused on replacing (1) existing cast iron and bare steel mains, (2) associated services and meters, and (3) identified prone-to-failure vintage plastic piping. Columbia of Maryland's IRIS mechanism recovers a return on investment, depreciation and property taxes of the STRIDE-eligible capital infrastructure statutorily capped at \$2 per month for residential customers, and proportionally capped for commercial and industrial customer classes, and is reconciled to actual costs on an annual basis. Any over-collection or under-collection balance is passed back to, or recovered from, customers through the surcharge effective in May of the subsequent year, subject to the cap. STRIDE investments, and recovery thereof, are subject to prudence review by the Maryland PSC in the context of quarterly STRIDE update filings and in subsequent rate proceedings where STRIDE assets are rolled into rate base for recovery in base rates.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table describes the most recent vintage of our regulatory programs to recover infrastructure replacement and other federally-mandated compliance investments currently in rates and those pending commission approval:

(in millions)

Company	Program	Incremental Revenue	Incremental Capital Investment	Investment Period	Filed	Status	Rates Effective
Columbia of Ohio	IRP - 2019 ⁽¹⁾	\$ 18.2	\$ 199.6	1/18-12/18	February 28, 2019	Approved April 24, 2019	May 2019
Columbia of Ohio	CEP - 2018	\$ 74.5	\$ 659.9	1/11-12/17	December 1, 2017	Approved November 28, 2018	December 2018
Columbia of Ohio	CEP - 2019	\$ 15.0	\$ 121.7	1/18-12/18	February 28, 2019	Approved August 28, 2019	September 2019
NIPSCO - Gas	TDSIC 9 ⁽¹⁾⁽²⁾	\$ (10.6)	\$ 54.4	1/18-6/18	August 28, 2018	Approved December 27, 2018	January 2019
NIPSCO - Gas	TDSIC 10 ⁽³⁾	\$ 1.6	\$ 12.4	7/18-4/19	June 25, 2019	Approved October 16, 2019	November 2019
NIPSCO - Gas	TDSIC 11 ⁽⁴⁾	\$ (1.7)	\$ 38.7	5/19-12/19	February 25, 2020	Order Expected June 2020	July 2020
NIPSCO - Gas	FMCA 1 ⁽⁵⁾	\$ 9.9	\$ 1.5	11/17-9/18	November 30, 2018	Approved March 27, 2019	April 2019
NIPSCO - Gas	FMCA 2 ⁽⁵⁾	\$ (3.5)	\$ 1.8	10/18-3/19	May 29, 2019	Approved September 25, 2019	October 2019
NIPSCO - Gas	FMCA 3 ⁽⁵⁾	\$ 0.3	\$ 43.0	4/19-9/19	November 26, 2019	Order Expected March 2020	April 2020
Columbia of Massachusetts	GSEP - 2019 ⁽⁶⁾	\$ 9.6	\$ 36.0	1/19-12/19	October 31, 2018	Approved April 30, 2019	May 2019
Columbia of Massachusetts	GSEP - 2020 ⁽⁶⁾⁽⁷⁾	\$ 2.4	\$ 75.0	1/20-12/20	October 31, 2019	Order Expected April 2020	May 2020
Columbia of Virginia	SAVE - 2019	\$ 2.4	\$ 36.0	1/19-12/19	August 17, 2018	Approved October 26, 2018	January 2019
Columbia of Virginia	SAVE - 2020	\$ 3.8	\$ 50.0	1/20-12/20	August 15, 2019	Approved December 6, 2019	January 2020
Columbia of Kentucky	AMRP - 2019	\$ 3.6	\$ 30.1	1/19-12/19	October 15, 2018	Approved December 5, 2018	January 2019
Columbia of Kentucky	SMRP - 2020	\$ 4.2	\$ 40.4	1/20-12/20	October 15, 2019	Approved December 20, 2019	January 2020
Columbia of Maryland	STRIDE - 2019	\$ 1.2	\$ 19.7	1/19-12/19	November 1, 2018	Approved December 12, 2018	January 2019
Columbia of Maryland	STRIDE - 2020	\$ 1.3	\$ 15.0	1/20-12/20	January 29, 2020	Approved February 19, 2020	February 2020
NIPSCO - Electric	TDSIC - 5 ⁽¹⁾	\$ 15.9	\$ 58.8	6/18-11/18	January 29, 2019	Approved June 12, 2019	June 2019
NIPSCO - Electric	TDSIC - 6	\$ 28.1	\$ 131.1	12/18-6/19	August 21, 2019	Approved December 18, 2019	January 2020
NIPSCO - Electric	FMCA - 11 ⁽⁵⁾	\$ 0.9	\$ 22.4	9/18-2/19	April 17, 2019	Approved July 29, 2019	August 2019
NIPSCO - Electric	FMCA - 12 ⁽⁵⁾	\$ 1.6	\$ 4.7	3/19-8/19	October 18, 2019	Approved January 29, 2020	February 2020

⁽¹⁾Incremental revenue is net of amounts due back to customers as a result of the TCJA.

⁽²⁾Incremental revenue is net of \$5.2 million of adjustments in the TDSIC-9 settlement.

⁽³⁾Incremental capital and revenue are net of amounts included in the step 2 rates.

⁽⁴⁾Incremental revenue is net of amounts included in the step 2 rates and reflects a more typical filing period.

⁽⁵⁾Incremental revenue is inclusive of tracker eligible operations and maintenance expense.

⁽⁶⁾Due to an order from the Massachusetts DPU on October 3, 2019 imposing work restrictions on Columbia of Massachusetts, Columbia of Massachusetts did not meet the approved projected 2019 GSEP spend of \$64 million and associated incremental revenue of \$10.7 million. In the 2020 GSEP, Columbia of Massachusetts reduced the projected capital spend for calendar year 2019 to \$36 million and the associated incremental revenue in 2019 GSEP to \$9.6 million.

⁽⁷⁾Incremental capital investment is anticipated to be lower than \$75 million in 2020 due to the Massachusetts DPU imposed work restrictions.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Rate Case Actions

The following table describes current rate case actions as applicable in each of our jurisdictions net of tracker impacts:

(in millions)

Company	Requested Incremental Revenue	Approved Incremental Revenue	Filed	Status	Rates Effective
NIPSCO - Gas ⁽¹⁾	\$ 138.1	\$ 105.6	September 27, 2017	Approved September 19, 2018	October 2018
Columbia of Virginia ⁽²⁾	\$ 14.2	\$ 1.3	August 28, 2018	Approved June 12, 2019	February 2019
NIPSCO - Electric ⁽³⁾	\$ 21.4	\$ (53.5)	October 31, 2018	Approved December 4, 2019	January 2020
Columbia of Maryland	\$ 2.5	\$ (0.1)	May 22, 2019	Approved December 18, 2019	December 2019

⁽¹⁾Rates were implemented in three steps, with implementation of step 1 rates effective October 1, 2018. Step 2 rates were effective on March 1, 2019, and step 3 rates were effective on January 1, 2020. The step 3 increase was approved based on actual information and revised from \$107.3 million to \$105.6 million. The IURC's order also dismissed NIPSCO from phase 2 of the IURC's TCJA investigation.

⁽²⁾Rates, as originally filed, were implemented in February 2019 on an interim basis, subject to refund. The final approved rates, which replaced interim rates, were implemented in July 2019.

⁽³⁾An order was received on December 4, 2019, which included the resolution of outstanding TCJA impacts to rates. Incremental revenues decreased due to a reduction in fuel costs associated with the new industrial service structure. Rates will be implemented in two steps, with implementation of step 1 rates effective January 2, 2020 and step 2 rates effective March 2, 2020.

Additional Regulatory Matters

NIPSCO Electric. On March 29, 2018, WCE, which is currently owned by BP p.l.c ("BP") and BP Products North America, which operates the BP Refinery, filed a petition at the IURC asking that the combined operations of WCE and BP be treated as a single premise, and the WCE generation be dedicated primarily to BP Refinery operations beginning in May 2019 as WCE has self-certified as a qualifying facility at FERC. BP Refinery planned to continue to purchase electric service from NIPSCO at a reduced demand level beginning in May 2019; however, a settlement agreement was filed on November 2, 2018 agreeing that BP and WCE would not move forward with construction of a private transmission line to serve BP until conclusion of NIPSCO's pending electric rate case. The IURC approved the settlement agreement as filed on February 20, 2019. On December 4, 2019, the IURC issued an order in the electric rate case approving the implementation of a new industrial service structure. This resolved the issues included in BP's original petition.

The December 4, 2019 electric rate case order approved the revenue requirement settlement filed in the case, with the exception of a change in the agreed to return on equity; the approved return on equity is 9.75%. The order included approval of the depreciation rates as requested, as well as authorization to create a regulatory asset upon the retirement of R.M. Schahfer Generating Units 14, 15, 17 and 18 and Michigan City Generating Station Unit 12. The order allows for the recovery of and on the net book value of the units by the end of 2032.

9. Risk Management Activities

We are exposed to certain risks relating to ongoing business operations; namely commodity price risk and interest rate risk. We recognize that the prudent and selective use of derivatives may help to lower our cost of debt capital, manage interest rate exposure and limit volatility in the price of natural gas.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Risk management assets and liabilities on our derivatives are presented on the Consolidated Balance Sheets as shown below:

December 31, <i>(in millions)</i>	2019	2018
Risk Management Assets - Current⁽¹⁾		
Interest rate risk programs	\$ —	\$ —
Commodity price risk programs	0.6	1.1
Total	\$ 0.6	\$ 1.1
Risk Management Assets - Noncurrent⁽²⁾		
Interest rate risk programs	\$ —	\$ 18.5
Commodity price risk programs	3.8	4.4
Total	\$ 3.8	\$ 22.9
Risk Management Liabilities - Current⁽³⁾		
Interest rate risk programs	\$ —	\$ —
Commodity price risk programs	12.6	5.0
Total	\$ 12.6	\$ 5.0
Risk Management Liabilities - Noncurrent		
Interest rate risk programs	\$ 76.2	\$ 9.5
Commodity price risk programs	57.8	37.2
Total	\$ 134.0	\$ 46.7

⁽¹⁾Presented in "Prepayments and other" on the Consolidated Balance Sheets.

⁽²⁾Presented in "Deferred charges and other" on the Consolidated Balance Sheets.

⁽³⁾Presented in "Other accruals" on the Consolidated Balance Sheets.

Commodity Price Risk Management

We, along with our utility customers, are exposed to variability in cash flows associated with natural gas purchases and volatility in natural gas prices. We purchase natural gas for sale and delivery to our retail, commercial and industrial customers, and for most customers the variability in the market price of gas is passed through in their rates. Some of our utility subsidiaries offer programs whereby variability in the market price of gas is assumed by the respective utility. The objective of our commodity price risk programs is to mitigate the gas cost variability, for us or on behalf of our customers, associated with natural gas purchases or sales by economically hedging the various gas cost components using a combination of futures, options, forwards or other derivative contracts.

NIPSCO received IURC approval to lock in a fixed price for its natural gas customers using long-term forward purchase instruments. The term of these instruments range from five to ten years and is limited to twenty percent of NIPSCO's average annual GCA purchase volume. Gains and losses on these derivative contracts are deferred as regulatory liabilities or assets and are remitted to or collected from customers through NIPSCO's quarterly GCA mechanism. These instruments are not designated as accounting hedges.

Interest Rate Risk Management

As of December 31, 2019, we have forward-starting interest rate swaps with an aggregate notional value totaling \$500.0 million to hedge the variability in cash flows attributable to changes in the benchmark interest rate during the periods from the effective dates of the swaps to the anticipated dates of forecasted debt issuances, which are expected to take place by the end of 2024. These interest rate swaps are designated as cash flow hedges. The effective portions of the gains and losses related to these swaps are recorded to AOCI and are recognized in "Interest expense, net" concurrently with the recognition of interest expense on the associated debt, once issued. If it becomes probable that a hedged forecasted transaction will no longer occur, the accumulated gains or losses on the derivative will be recognized currently in "Other, net" in the Statements of Consolidated Income (Loss).

The passage of the TCJA and Greater Lawrence Incident led to significant changes to our long-term financing plan. As a result, during 2018, we settled forward-starting interest rate swaps with a notional value of \$750.0 million. These derivative contracts were accounted for as cash flow hedges. As part of the transactions, the associated net unrealized gain of \$46.2 million was recognized immediately in "Other, net" on the Statements of Consolidated Income (Loss) due to the probability associated with the forecasted borrowing transactions no longer occurring.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

There were no amounts excluded from effectiveness testing for derivatives in cash flow hedging relationships at December 31, 2019, 2018 and 2017.

Our derivative instruments measured at fair value as of December 31, 2019 and 2018 do not contain any credit-risk-related contingent features.

10. Income Taxes

Income Tax Expense

The components of income tax expense (benefit) were as follows:

Year Ended December 31, <i>(in millions)</i>	2019		2018		2017	
Income Taxes						
Current						
Federal	\$	—	\$	—	\$	—
State		5.2		8.2		7.8
Total Current		5.2		8.2		7.8
Deferred						
Federal		110.7		(209.4)		302.7
State		9.0		22.2		5.0
Total Deferred		119.7		(187.2)		307.7
Deferred Investment Credits		(1.4)		(1.0)		(1.0)
Income Taxes	\$	123.5	\$	(180.0)	\$	314.5

Statutory Rate Reconciliation

The following table represents a reconciliation of income tax expense at the statutory federal income tax rate to the actual income tax expense from continuing operations:

Year Ended December 31, <i>(in millions)</i>	2019		2018		2017	
Book income (loss) before income taxes	\$	506.6	\$	(230.6)	\$	443.0
Tax expense (benefit) at statutory federal income tax rate	106.5	21.0%	(48.4)	21.0%	155.0	35.0%
Increases (reductions) in taxes resulting from:						
State income taxes, net of federal income tax benefit	10.1	2.0	24.7	(10.7)	6.9	1.5
Amortization of regulatory liabilities	(29.4)	(5.8)	(29.3)	12.7	(2.4)	(0.5)
Goodwill impairment	43.0	8.5	—	—	—	—
Fines and penalties	11.5	2.3	0.2	(0.1)	2.8	0.6
Charitable contribution carryover	(2.5)	(0.5)	—	—	(1.2)	(0.3)
State regulatory proceedings	(9.5)	(1.9)	(127.8)	55.4	—	—
Remeasurement due to TCJA	—	—	—	—	161.1	36.4
Employee stock ownership plan dividends and other compensation	(2.0)	(0.4)	(2.2)	1.0	(6.5)	(1.5)
Other adjustments	(4.2)	(0.8)	2.8	(1.2)	(1.2)	(0.2)
Income Taxes	\$	123.5	\$	(180.0)	\$	314.5
		24.4%		78.1%		71.0%

The effective income tax rates were 24.4%, 78.1% and 71.0% in 2019, 2018 and 2017, respectively. The 53.7% decrease in effective tax rate in 2019 versus 2018 was primarily the result of not having significant income tax decreases resulting from state regulatory proceedings as in 2018. Additionally, there was an increase in the effective tax rate related to the non-cash impairment of goodwill in 2019 related to Columbia of Massachusetts (see Note 6, "Goodwill and Other Intangible Assets" for additional information)

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

and non-deductible fines and penalties related to the Greater Lawrence Incident (see Note 19, "Legal Proceedings" for additional information). The rate is also impacted by the relative impact of permanent differences on higher pre-tax income.

The 7.1% increase in the overall effective tax rate in 2018 versus 2017 was primarily the result of state regulatory proceedings which resulted in a \$127.8 million decrease in federal income taxes offset by a related increase in state income taxes of \$7.1 million. Additionally, the increase was driven by a \$26.9 million decrease in income taxes related to amortization of the regulatory liability primarily associated with excess deferred taxes.

Net Deferred Income Tax Liability Components

Deferred income taxes result from temporary differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities. The principal components of our net deferred tax liability were as follows:

At December 31, <i>(in millions)</i>	2019	2018
Deferred tax liabilities		
Accelerated depreciation and other property differences	\$ 2,516.9	\$ 2,458.0
Other regulatory assets	381.5	375.4
Total Deferred Tax Liabilities	2,898.4	2,833.4
Deferred tax assets		
Other regulatory liabilities and deferred investment tax credits (including TCJA)	336.1	365.5
Pension and other postretirement/postemployment benefits	152.1	157.5
Net operating loss carryforward and AMT credit carryforward	765.9	849.8
Environmental liabilities	25.4	24.4
Other accrued liabilities	35.3	37.5
Other, net	98.3	68.2
Total Deferred Tax Assets	1,413.1	1,502.9
Net Deferred Tax Liabilities	\$ 1,485.3	\$ 1,330.5

At December 31, 2019, we had \$657.1 million of federal net operating loss carryforwards. The federal net operating loss carryforwards are available to offset taxable income and will begin to expire in 2028. We also have \$1.6 million of federal alternative minimum tax credit carryforwards which do not expire. In addition, we have \$1.4 million in charitable contribution carryforwards to offset future taxable income, which begin to expire in 2023. We also have \$107.2 million (net) of state net operating loss carryforwards. Depending on the jurisdiction in which the state net operating loss was generated, the carryforwards will begin to expire in 2028. We believe it is more likely than not that we will realize the benefit from the state net operating loss carryforwards.

Unrecognized Tax Benefits

A reconciliation of the beginning and ending amounts of unrecognized tax benefits is as follows:

Reconciliation of Unrecognized Tax Benefits <i>(in millions)</i>	2019	2018	2017
Unrecognized Tax Benefits - Opening Balance	\$ 1.2	\$ 1.4	\$ 2.6
Gross decreases - tax positions in prior period	(0.6)	(0.4)	(1.4)
Gross increases - current period tax positions	22.6	0.2	0.2
Unrecognized Tax Benefits - Ending Balance	\$ 23.2	\$ 1.2	\$ 1.4
Offset for net operating loss carryforwards	(22.6)	—	—
Balance - Less Net Operating Loss Carryforwards	\$ 0.6	\$ 1.2	\$ 1.4

In 2019, we resolved prior unrecognized tax benefits of \$0.6 million and established new unrecognized tax benefits related to state matters of \$22.6 million. We present accrued interest on unrecognized tax benefits, accrued interest on other income tax liabilities and tax penalties in "Income Taxes" on our Statements of Consolidated Income (Loss). Interest expense recorded on unrecognized tax benefits and other income tax liabilities was immaterial for all periods presented. There were no accruals for penalties recorded in the Statements of Consolidated Income (Loss) for the years ended December 31, 2019, 2018 and 2017, and there were no balances for accrued penalties recorded on the Consolidated Balance Sheets as of December 31, 2019 and 2018.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

We are subject to income taxation in the United States and various state jurisdictions, primarily Indiana, Pennsylvania, Kentucky, Massachusetts, Maryland and Virginia.

We participate in the IRS CAP which provides the opportunity to resolve tax matters with the IRS before filing each year's consolidated federal income tax return. As of December 31, 2019, tax years through 2018 have been audited and are effectively closed to further assessment. The audit of tax year 2019 under the CAP program is expected to be completed in 2020.

The statute of limitations in each of the state jurisdictions in which we operate remains open until the years are settled for federal income tax purposes, at which time amended state income tax returns reflecting all federal income tax adjustments are filed. As of December 31, 2019, there were no state income tax audits in progress that would have a material impact on the consolidated financial statements.

In December 22, 2017, the TCJA was signed into law. As a result of the implementation of the TCJA, we remeasured deferred taxes and recognized \$161.1 million of income tax expense in our Consolidated Statements of Income (Loss) for the year ended December 31, 2017. The result of this remeasurement was a reduction in the net deferred tax liability of approximately \$1.3 billion, including approximately \$0.4 billion of regulatory "gross up" to account for over collection of past taxes from customers. Offsetting the reduction in net deferred tax liabilities was an increase in regulatory liabilities of approximately \$1.5 billion as of December 31, 2017. In 2018, we received regulatory orders on the treatment of excess deferred taxes from the jurisdictions in which we operate. As a result of these orders, we reduced our regulatory liability related to excess deferred income taxes by \$120.7 million (net of tax). This adjustment is reflected in "Income Taxes" on our Consolidated Statements of Income (Loss) for the year ended December 31, 2018.

As of December 31, 2019, we received approval from regulators to return excess deferred taxes in all of our jurisdictions in accordance with regulatory proceedings.

On December 22, 2017, the SEC issued Staff Accounting Bulletin 118 ("SAB 118"), which provides guidance on accounting for tax effects of the TCJA. SAB 118 provides a measurement period that should not extend beyond one year from the TCJA enactment date for companies to complete the accounting under ASC 740. There were no adjustments recorded in the SAB 118 remeasurement period in 2018.

11. Pension and Other Postretirement Benefits

We provide defined contribution plans and noncontributory defined benefit retirement plans that cover certain of our employees. Benefits under the defined benefit retirement plans reflect the employees' compensation, years of service and age at retirement. Additionally, we provide health care and life insurance benefits for certain retired employees. The majority of employees may become eligible for these benefits if they reach retirement age while working for us. The expected cost of such benefits is accrued during the employees' years of service. Current rates of rate-regulated companies include postretirement benefit costs, including amortization of the regulatory assets that arose prior to inclusion of these costs in rates. For most plans, cash contributions are remitted to grantor trusts.

Our Pension and Other Postretirement Benefit Plans' Asset Management. We employ a liability-driven investing strategy for the pension plan, as noted below. A mix of equities and fixed income investments are used to maximize the long-term return of plan assets and hedge the liabilities at a prudent level of risk. We utilize a total return investment approach for the other postretirement benefit plans. Risk tolerance is established through careful consideration of plan liabilities, plan funded status, and asset class volatility. The investment portfolio contains a diversified blend of equity and fixed income investments. Furthermore, equity investments are diversified across U.S. and non-U.S. stocks, as well as growth, value, small and large capitalizations. Other assets such as private equity funds are used judiciously to enhance long-term returns while improving portfolio diversification. Derivatives may be used to gain market exposure in an efficient and timely manner; however, derivatives may not be used to leverage the portfolio beyond the market value of the underlying assets. Investment risk is measured and monitored on an ongoing basis through quarterly investment portfolio reviews, annual liability measurements, and periodic asset/liability studies.

We utilize a building block approach with proper consideration of diversification and rebalancing in determining the long-term rate of return for plan assets. Historical markets are studied and long-term historical relationships between equities and fixed income are analyzed to ensure that they are consistent with the widely accepted capital market principle that assets with higher volatility generate greater return over the long run. Current market factors, such as inflation and interest rates, are evaluated before long-term capital market assumptions are determined. Peer data and historical returns are reviewed to check for reasonability and appropriateness.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The most important component of an investment strategy is the portfolio asset mix, or the allocation between the various classes of securities available to the pension and other postretirement benefit plans for investment purposes. The asset mix and acceptable minimum and maximum ranges established for our plan assets represents a long-term view and are listed in the table below.

In 2012, a dynamic asset allocation policy for the pension fund was approved. This policy calls for a gradual reduction in the allocation of return-seeking assets (equities, real estate and private equity) and a corresponding increase in the allocation of liability-hedging assets (fixed income) as the funded status of the plans increase above 90% (as measured by the market value of qualified pension plan assets divided by the projected benefit obligations of the qualified pension plans). A new asset-liability study was completed in 2018 resulting in a more conservative glide path and an increase in the allocation to liability-hedging assets held in the portfolio.

As of December 31, 2019, the asset mix and acceptable minimum and maximum ranges established by the policy for the pension and other postretirement benefit plans are as follows:

Asset Mix Policy of Funds:

Asset Category	Defined Benefit Pension Plan		Postretirement Benefit Plan	
	Minimum	Maximum	Minimum	Maximum
Domestic Equities	12%	32%	0%	55%
International Equities	6%	16%	0%	25%
Fixed Income	59%	71%	20%	100%
Real Estate	0%	7%	0%	0%
Short-Term Investments/Other	0%	15%	0%	10%

As of December 31, 2018, the asset mix and acceptable minimum and maximum ranges established by the policy for the pension and other postretirement benefit plans were as follows:

Asset Mix Policy of Funds:

Asset Category	Defined Benefit Pension Plan		Postretirement Benefit Plan	
	Minimum	Maximum	Minimum	Maximum
Domestic Equities	12%	32%	0%	55%
International Equities	6%	16%	0%	25%
Fixed Income	59%	71%	20%	100%
Real Estate	0%	7%	0%	0%
Short-Term Investments/Other	0%	15%	0%	10%

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Pension Plan and Postretirement Plan Asset Mix at December 31, 2019 and December 31, 2018:

Asset Class (in millions)	Defined Benefit Pension Assets	December 31, 2019	Postretirement Benefit Plan Assets	December 31, 2019
	Asset Value	% of Total Assets	Asset Value	% of Total Assets
Domestic Equities	\$ 446.4	21.5%	\$ 93.8	35.9%
International Equities	205.0	9.9%	40.7	15.6%
Fixed Income	1,337.2	64.2%	119.5	45.7%
Real Estate	53.9	2.6%	—	—
Cash/Other	38.4	1.8%	7.4	2.8%
Total	\$ 2,080.9	100.0%	\$ 261.4	100.0%

Asset Class (in millions)	Defined Benefit Pension Assets	December 31, 2018	Postretirement Benefit Plan Assets	December 31, 2018
	Asset Value	% of Total Assets	Asset Value	% of Total Assets
Domestic Equities	\$ 355.5	19.0%	\$ 78.8	36.4%
International Equities	165.5	8.9%	17.5	8.1%
Fixed Income	1,241.9	66.5%	115.1	53.2%
Real Estate	52.7	2.8%	—	—
Cash/Other	52.1	2.8%	4.9	2.3%
Total	\$ 1,867.7	100.0%	\$ 216.3	100.0%

The categorization of investments into the asset classes in the table above are based on definitions established by our Benefits Committee.

Fair Value Measurements. The following table sets forth, by level within the fair value hierarchy, the Master Trust and other postretirement benefits investment assets at fair value as of December 31, 2019 and 2018. Assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. Total Master Trust and other postretirement benefits investment assets at fair value classified within Level 3 were \$0 million and \$86.1 million as of December 31, 2019 and December 31, 2018, respectively. Such amounts were approximately 0% and 4% of the Master Trust and other postretirement benefits' total investments as reported on the statement of net assets available for benefits at fair value as of December 31, 2019 and 2018, respectively.

Valuation Techniques Used to Determine Fair Value:

Level 1 Measurements

Most common and preferred stocks are traded in active markets on national and international securities exchanges and are valued at closing prices on the last business day of each period presented. Cash is stated at cost which approximates fair value, with the exception of cash held in foreign currencies which fluctuates with changes in the exchange rates. Short-term bills and notes are priced based on quoted market values.

Level 2 Measurements

Most U.S. Government Agency obligations, mortgage/asset-backed securities, and corporate fixed income securities are generally valued by benchmarking model-derived prices to quoted market prices and trade data for identical or comparable securities. To the extent that quoted prices are not available, fair value is determined based on a valuation model that includes inputs such as interest rate yield curves and credit spreads. Securities traded in markets that are not considered active are valued based on quoted market prices, broker or dealer quotations, or alternative pricing sources with reasonable levels of price transparency. Other fixed income includes futures and options which are priced on bid valuation or settlement pricing.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Level 3 Measurements

Investments with unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets and liabilities are classified as level 3 investments.

Not Classified

Commingled funds, private equity limited partnerships and real estate partnerships hold underlying investments that have prices derived from quoted prices in active markets and are not classified within the fair value hierarchy. Instead, these assets are measured at estimated fair value using the net asset value per share of the investments. Commingled funds' underlying assets are principally marketable equity and fixed income securities. Units held in commingled funds are valued at the unit value as reported by the investment managers. Private equity and real estate funds invest in natural resources, commercial real estate and distressed real estate. The fair value of these investments is determined by reference to the funds' underlying assets.

For the year ended December 31, 2019, there were no significant changes to valuation techniques to determine the fair value of our pension and other postretirement benefits' assets.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Fair Value Measurements at December 31, 2019:

<i>(in millions)</i>	December 31, 2019	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	\$ 6.7	\$ 6.7	\$ —	\$ —
Fixed income securities				
Government	319.6	—	319.6	—
Corporate	651.8	—	651.8	—
Mutual Funds				
U.S. multi-strategy	140.5	140.5	—	—
International equities	56.9	56.9	—	—
Private equity limited partnerships ⁽³⁾				
U.S. multi-strategy ⁽¹⁾	14.0	—	—	—
International multi-strategy ⁽²⁾	8.5	—	—	—
Distressed opportunities	0.5	—	—	—
Real estate	53.9	—	—	—
Commingled funds ⁽³⁾				
Short-term money markets	14.8	—	—	—
U.S. equities	305.9	—	—	—
International equities	148.1	—	—	—
Fixed income	351.8	—	—	—
Pension plan assets subtotal	2,073.0	204.1	971.4	—
Other postretirement benefit plan assets:				
Mutual funds				
U.S. multi-strategy	81.7	81.7	—	—
International equities	20.6	20.6	—	—
Fixed income	119.2	119.2	—	—
Commingled funds ⁽³⁾				
Short-term money markets	7.7	—	—	—
U.S. equities	12.1	—	—	—
International equities	20.1	—	—	—
Other postretirement benefit plan assets subtotal	261.4	221.5	—	—
Due to brokers, net ⁽⁴⁾	(2.8)	—	(2.8)	—
Accrued income/dividends	10.7	10.7	—	—
Total pension and other postretirement benefit plan assets	\$ 2,342.3	\$ 436.3	\$ 968.6	\$ —

⁽¹⁾ This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily inside the United States.

⁽²⁾ This class includes limited partnerships/fund of funds that invest in diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily outside the United States.

⁽³⁾ This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.

⁽⁴⁾ This class represents pending trades with brokers.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2019:

	Balance at January 1, 2019	Transfers out (Level 3) ⁽¹⁾	Balance at December 31, 2019
Private equity limited partnerships			
U.S. multi-strategy	18.5	(18.5)	—
International multi-strategy	12.5	(12.5)	—
Distressed opportunities	2.4	(2.4)	—
Real estate	52.7	(52.7)	—
Total	\$ 86.1	\$ (86.1)	\$ —

⁽¹⁾ Level 3 assets from the prior year were reclassified in the current year presentation and included within the fair value hierarchy table as of December 31, 2019 as "Not Classified" investments for which fair value is measured using net asset value per share, consistent with the definitions described above.

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2019:

<i>(in millions)</i>	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	\$ 22.5	Daily	1 day
U.S. equities	318.0	Monthly	1 day
International equities	168.2	Monthly	10-30 days
Fixed income	351.8	Daily	3 days
Total	\$ 860.5		

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Fair Value Measurements at December 31, 2018:

<i>(in millions)</i>	December 31, 2018	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	\$ 9.2	\$ 8.8	\$ 0.4	\$ —
Equity securities				
U.S. equities	0.2	0.2	—	—
Fixed income securities				
Government	250.2	—	250.2	—
Corporate	442.8	—	442.8	—
Mutual Funds				
U.S. multi-strategy	110.3	110.3	—	—
International equities	43.2	43.2	—	—
Fixed income	166.8	166.8	—	—
Private equity limited partnerships				
U.S. multi-strategy ⁽¹⁾	18.5	—	—	18.5
International multi-strategy ⁽²⁾	12.5	—	—	12.5
Distressed opportunities	2.4	—	—	2.4
Real Estate	52.7	—	—	52.7
Commingled funds ⁽³⁾				
Short-term money markets	18.3	—	—	—
U.S. equities	245.2	—	—	—
International equities	122.3	—	—	—
Fixed income	365.7	—	—	—
Pension plan assets subtotal	1,860.3	329.3	693.4	86.1
Other postretirement benefit plan assets:				
Mutual funds				
U.S. equities	68.4	68.4	—	—
International equities	17.5	17.5	—	—
Fixed income	114.8	114.8	—	—
Commingled funds ⁽³⁾				
Short-term money markets	5.2	—	—	—
U.S. equities	10.4	—	—	—
Other postretirement benefit plan assets subtotal	216.3	200.7	—	—
Due to brokers, net ⁽⁴⁾	(1.1)	—	(1.1)	—
Accrued investment income/dividends	8.6	8.6	—	—
Total pension and other postretirement benefit plan assets	\$ 2,084.1	\$ 538.6	\$ 692.3	\$ 86.1

⁽¹⁾ This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily inside the United States.

⁽²⁾ This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, venture capital, growth capital, special situations and secondary markets, primarily outside the United States.

⁽³⁾ This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.

⁽⁴⁾ This class represents pending trades with brokers.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2018:

	Balance at January 1, 2018	Total gains or losses (unrealized / realized)	Purchases	(Sales)	Balance at December 31, 2018
Private equity limited partnerships					
U.S. multi-strategy	26.7	2.4	0.7	(11.3)	18.5
International multi-strategy	19.1	(0.6)	—	(6.0)	12.5
Distress opportunities	3.2	(0.8)	—	—	2.4
Real estate	49.9	1.7	1.8	(0.7)	52.7
Total	\$ 98.9	\$ 2.7	\$ 2.5	\$ (18.0)	\$ 86.1

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2018:

<i>(in millions)</i>	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	\$ 23.5	Daily	1 day
U.S. equities	255.6	Monthly	3 days
International equities	122.3	Monthly	10-30 days
Fixed income	365.7	Monthly	3 days
Total	\$ 767.1		

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Our Pension and Other Postretirement Benefit Plans' Funded Status and Related Disclosure. The following table provides a reconciliation of the plans' funded status and amounts reflected in our Consolidated Balance Sheets at December 31 based on a December 31 measurement date:

(in millions)	Pension Benefits		Other Postretirement Benefits	
	2019	2018	2019	2018
Change in projected benefit obligation⁽¹⁾				
Benefit obligation at beginning of year	\$ 1,981.3	\$ 2,192.6	\$ 492.5	\$ 556.3
Service cost	29.2	31.3	5.1	5.0
Interest cost	72.3	67.1	19.2	17.6
Plan participants' contributions	—	—	4.8	5.7
Plan amendments	—	0.2	5.1	0.1
Actuarial (gain) loss	204.3	(103.9)	88.8	(51.7)
Settlement loss	—	0.8	—	—
Benefits paid	(156.6)	(206.8)	(39.5)	(41.1)
Estimated benefits paid by incurred subsidy	—	—	0.5	0.6
Projected benefit obligation at end of year	\$ 2,130.5	\$ 1,981.3	\$ 576.5	\$ 492.5
Change in plan assets				
Fair value of plan assets at beginning of year	\$ 1,867.7	\$ 2,160.0	\$ 216.3	\$ 262.5
Actual (loss) return on plan assets	366.8	(88.4)	56.9	(31.8)
Employer contributions	2.9	2.9	23.0	21.0
Plan participants' contributions	—	—	4.7	5.7
Benefits paid	(156.5)	(206.8)	(39.5)	(41.1)
Fair value of plan assets at end of year	\$ 2,080.9	\$ 1,867.7	\$ 261.4	\$ 216.3
Funded Status at end of year	\$ (49.6)	\$ (113.6)	\$ (315.1)	\$ (276.2)
Amounts recognized in the statement of financial position consist of:				
Noncurrent assets	8.2	—	—	—
Current liabilities	(3.0)	(3.0)	(0.8)	(0.8)
Noncurrent liabilities	(54.8)	(110.6)	(314.3)	(275.4)
Net amount recognized at end of year⁽²⁾	\$ (49.6)	\$ (113.6)	\$ (315.1)	\$ (276.2)
Amounts recognized in accumulated other comprehensive income or regulatory asset/liability⁽³⁾				
Unrecognized prior service credit	\$ 3.0	\$ 3.2	\$ (10.7)	\$ (19.0)
Unrecognized actuarial loss	652.8	761.2	118.4	75.3
Net amount recognized at end of year	\$ 655.8	\$ 764.4	\$ 107.7	\$ 56.3

⁽¹⁾ The change in benefit obligation for Pension Benefits represents the change in Projected Benefit Obligation while the change in benefit obligation for Other Postretirement Benefits represents the change in accumulated postretirement benefit obligation.

⁽²⁾ We recognize our Consolidated Balance Sheets underfunded and overfunded status of our various defined benefit postretirement plans, measured as the difference between the fair value of the plan assets and the benefit obligation.

⁽³⁾ We determined that for certain rate-regulated subsidiaries the future recovery of pension and other postretirement benefits costs is probable. These rate-regulated subsidiaries recorded regulatory assets and liabilities of \$739.1 million and \$0.1 million, respectively, as of December 31, 2019, and \$798.3 million and \$0.1 million, respectively, as of December 31, 2018 that would otherwise have been recorded to accumulated other comprehensive loss.

Our accumulated benefit obligation for our pension plans was \$2,111.5 million and \$1,965.6 million as of December 31, 2019 and 2018, respectively. The accumulated benefit obligation as of a date is the actuarial present value of benefits attributed by the pension benefit formula to employee service rendered prior to that date and based on current and past compensation levels. The accumulated benefit obligation differs from the projected benefit obligation disclosed in the table above in that it includes no assumptions about future compensation levels.

We are required to reflect the funded status of the pension and postretirement benefit plans on the Consolidated Balance Sheet. The funded status of the plans is measured as the difference between the plan assets' fair value and the projected benefit obligation. We present the noncurrent aggregate of all underfunded plans within "Accrued liability for postretirement and postemployment benefits." The portion of the amount by which the actuarial present value of benefits included in the projected benefit obligation

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

exceeds the fair value of plan assets, payable in the next 12 months, is reflected in "Accrued compensation and other benefits." We present the aggregate of all overfunded plans within "Deferred charges and other."

Information for pension plans with a projected benefit obligation in excess of plan assets:

	December 31,	
	2019	2018
Accumulated Benefit Obligation	\$ 1,473.9	\$ 1,965.6
Funded Status		
Projected Benefit Obligation	1,492.9	1,981.3
Fair Value of Plan Assets	1,435.1	1,867.7
Funded Status of Underfunded Pension Plans at End of Year	\$ (57.8)	\$ (113.6)

Information for pension plans with plan assets in excess of the projected benefit obligation:

	December 31,	
	2019	2018
Accumulated Benefit Obligation	\$ 637.6	\$ —
Funded Status		
Projected Benefit Obligation	637.6	—
Fair Value of Plan Assets	645.8	—
Funded Status of Overfunded Pension Plans at End of Year	\$ 8.2	\$ —

Our pension plans were underfunded, in aggregate, by \$49.6 million at December 31, 2019 compared to being underfunded by \$113.6 million at December 31, 2018. The improvement in the funded status was due primarily to favorable asset returns offset by a decrease in discount rates. We contributed \$2.9 million to our pension plans in both 2019 and 2018.

Our other postretirement benefit plans were underfunded by \$315.1 million at December 31, 2019 compared to being underfunded by \$276.2 million at December 31, 2018. The decline in funded status was primarily due to a decrease in discount rates offset by favorable asset returns. We contributed \$23.0 million and \$21.0 million to our other postretirement benefit plans in 2019 and 2018, respectively.

No amounts of our pension or other postretirement benefit plans' assets are expected to be returned to us or any of our subsidiaries in 2019.

In 2019 and 2018, some of our qualified pension plans paid lump sum payouts in excess of the respective plan's service cost plus interest cost, thereby meeting the requirement for settlement accounting. We recorded settlement charges of \$9.5 million and \$18.5 million in 2019 and 2018, respectively. Net periodic pension benefit cost for 2019 was decreased by \$0.7 million as a result of the interim remeasurement.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table provides the key assumptions that were used to calculate the pension and other postretirement benefits obligations for our various plans as of December 31:

	Pension Benefits		Other Postretirement Benefits	
	2019	2018	2019	2018
Weighted-average assumptions to Determine Benefit Obligation				
Discount Rate	3.12%	4.26%	3.21%	4.31%
Rate of Compensation Increases	4.00%	4.00%	—	—
Health Care Trend Rates				
Trend for Next Year	—	—	6.68%	8.48%
Ultimate Trend	—	—	4.50%	4.50%
Year Ultimate Trend Reached	—	—	2028	2026

Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. A one-percentage-point change in assumed health care cost trend rates would have the following effects:

<i>(in millions)</i>	1% point increase	1% point decrease
Effect on service and interest components of net periodic cost	\$ 1.2	\$ (1.1)
Effect on accumulated postretirement benefit obligation	30.1	(26.3)

We expect to make contributions of approximately \$3.0 million to our pension plans and approximately \$24.0 million to our postretirement medical and life plans in 2020.

The following table provides benefits expected to be paid in each of the next five fiscal years, and in the aggregate for the five fiscal years thereafter. The expected benefits are estimated based on the same assumptions used to measure our benefit obligation at the end of the year and include benefits attributable to the estimated future service of employees:

<i>(in millions)</i>	Pension Benefits	Other Postretirement Benefits	Federal Subsidy Receipts
Year(s)			
2020	\$ 178.8	\$ 38.1	\$ 0.5
2021	177.8	38.6	0.4
2022	175.8	38.4	0.4
2023	168.5	38.1	0.4
2024	164.4	37.9	0.4
2025-2029	723.7	181.0	1.5

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table provides the components of the plans' actuarially determined net periodic benefits cost for each of the three years ended December 31, 2019, 2018 and 2017:

(in millions)	Pension Benefits			Other Postretirement Benefits		
	2019	2018	2017	2019	2018	2017
Components of Net Periodic Benefit Cost⁽¹⁾						
Service cost	\$ 29.2	\$ 31.3	\$ 30.0	\$ 5.1	\$ 5.0	\$ 4.8
Interest cost	72.3	67.1	68.3	19.2	17.6	17.8
Expected return on assets	(108.8)	(142.3)	(123.1)	(13.1)	(14.9)	(15.9)
Amortization of prior service cost (credit)	0.2	(0.4)	(0.7)	(3.2)	(4.0)	(4.4)
Recognized actuarial loss	45.2	40.6	52.9	2.0	3.8	3.0
Settlement loss	9.5	18.5	13.7	—	—	—
Total Net Periodic Benefits Cost	\$ 47.6	\$ 14.8	\$ 41.1	\$ 10.0	\$ 7.5	\$ 5.3

⁽¹⁾Service cost is presented in "Operation and maintenance" on the Statements of Consolidated Income (Loss). Non-service cost components are presented within "Other, net."

The following table provides the key assumptions that were used to calculate the net periodic benefits cost for our various plans:

	Pension Benefits			Other Postretirement Benefits		
	2019	2018	2017	2019	2018	2017
Weighted-average Assumptions to Determine Net Periodic Benefit Cost						
Discount rate - service cost ⁽¹⁾	4.48%	3.79%	4.40%	4.59%	3.89%	4.58%
Discount rate - interest cost ⁽¹⁾	3.84%	3.15%	3.31%	3.94%	3.27%	3.48%
Expected Long-Term Rate of Return on Plan Assets	6.10%	7.00%	7.25%	5.83%	5.80%	6.99%
Rate of Compensation Increases	4.00%	4.00%	4.00%	—	—	—

⁽¹⁾ In January 2017, we changed the method used to estimate the service and interest components of net periodic benefit cost for pension and other postretirement benefits. This change, compared to the previous method, resulted in a decrease in the actuarially-determined service and interest cost components. Historically, we estimated service and interest cost utilizing a single weighted-average discount rate derived from the yield curve used to measure the benefit obligation at the beginning of the period. For fiscal 2017 and beyond, we now utilize a full yield curve approach to estimate these components by applying the specific spot rates along the yield curve used in the determination of the benefit obligation to the relevant projected cash flows.

We believe it is appropriate to assume a 6.10% and 5.83% rate of return on pension and other postretirement plan assets, respectively, for our calculation of 2019 pension benefits cost. These rates are primarily based on asset mix and historical rates of return and were adjusted in the current year due to anticipated changes in asset allocation and projected market returns.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table provides other changes in plan assets and projected benefit obligations recognized in other comprehensive income or regulatory asset or liability:

<i>(in millions)</i>	Pension Benefits		Other Postretirement Benefits	
	2019	2018	2019	2018
Other Changes in Plan Assets and Projected Benefit Obligations Recognized in Other Comprehensive Income or Regulatory Asset or Liability				
Net prior service cost	\$ —	\$ 0.2	\$ 5.1	\$ 0.1
Net actuarial loss (gain)	(53.8)	127.5	45.1	(5.0)
Settlements	(9.5)	(18.5)	—	—
Less: amortization of prior service cost	(0.2)	0.4	3.2	4.0
Less: amortization of net actuarial loss	(45.2)	(40.6)	(2.0)	(3.8)
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	\$ (108.7)	\$ 69.0	\$ 51.4	\$ (4.7)
Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability	\$ (61.1)	\$ 83.8	\$ 61.4	\$ 2.8

Based on a December 31 measurement date, the estimated net unrecognized actuarial loss, unrecognized prior service cost, and unrecognized transition obligation that will be amortized into net periodic benefit cost during 2020 for the pension plans are \$34.7 million, \$0.8 million and zero, respectively, and for other postretirement benefit plans are \$4.9 million, \$(1.8) million and zero, respectively.

12. Equity

We raise equity financing through a variety of programs including traditional common equity issuances and preferred stock issuances. As of December 31, 2019, we had 600,000,000 shares of common stock and 20,000,000 shares of preferred stock authorized for issuance, of which 382,135,680 shares of common stock and 440,000 shares of preferred stock are currently outstanding.

Holders of shares of our common stock are entitled to receive dividends when, as and if declared by the Board out of funds legally available. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August and November. We have paid quarterly common dividends totaling \$0.80, \$0.78, and \$0.70 per share for the years ended December 31, 2019, 2018 and 2017, respectively. Our Board declared a quarterly common dividend of \$0.21 per share, payable on February 20, 2020 to holders of record on February 11, 2020. We have certain debt covenants which could potentially limit the amount of dividends the Company could pay in order to maintain compliance with these covenants. Refer to Note 14, "Long-Term Debt," for more information. As of December 31, 2019, these covenants did not restrict the amount of dividends that were available to be paid.

Dividends paid to preferred shareholders vary based on the series of preferred stock owned. Additional information is provided below. Holders of our shares of common stock are subject to the prior dividend rights of holders of our preferred stock or the depositary shares representing such preferred stock outstanding, and if full dividends have not been declared and paid on all outstanding shares of preferred stock in any dividend period, no dividend may be declared or paid or set aside for payment on our common stock.

Common and preferred stock activity for 2019, 2018 and 2017 is described further below:

ATM Program and Forward Sale Agreements. On May 3, 2017, we entered into four separate equity distribution agreements, pursuant to which we were able to sell up to an aggregate of \$500.0 million of our common stock.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

On November 13, 2017, under the ATM program, we executed a forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. On November 6, 2018, the forward agreement was settled for \$26.43 per share, resulting in \$167.7 million of net proceeds. The equity distribution agreements entered into on May 3, 2017 expired December 31, 2018.

On November 1, 2018, we entered into five separate equity distribution agreements pursuant to which we were able to sell up to an aggregate of \$500.0 million of our common stock. Four of these agreements were then amended on August 1, 2019 and one was terminated, pursuant to which we may sell, from time to time, up to an aggregate of \$434.4 million of our common stock.

On December 6, 2018, under the ATM program, we executed a forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. From December 6, 2018 to December 10, 2018, 4,708,098 shares were borrowed from third parties and sold by the dealer at a weighted average price of \$26.55 per share. On November 21, 2019, the forward agreement was settled for \$26.01 per share, resulting in \$122.5 million of net proceeds.

On August 12, 2019, under the ATM program, we executed a separate forward agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. From August 12, 2019 to September 13, 2019, 3,714,400 shares were borrowed from third parties and sold by the dealer at a weighted average price of \$29.26 per share. On December 11, 2019, the forward agreement was settled for \$28.83 per share, resulting in \$107.1 million of net proceeds.

As of December 31, 2019, the ATM program had approximately \$200.7 million of equity available for issuance. The program expires on December 31, 2020.

The following table summarizes our activity under the ATM program:

Year Ending December 31,	2019	2018	2017
Number of shares issued	8,422,498	8,883,014	11,931,376
Average price per share	\$ 27.75	\$ 26.85	\$ 26.58
Proceeds, net of fees (<i>in millions</i>)	\$ 229.1	\$ 232.5	\$ 314.7

Private Placement of Common Stock. On May 4, 2018, we completed the sale of 24,964,163 shares of \$0.01 par value common stock at a price of \$24.28 per share in a private placement to selected institutional and accredited investors. The private placement resulted in \$606.0 million of gross proceeds or \$599.6 million of net proceeds, after deducting commissions and sale expenses. The common stock issued in connection with the private placement was registered on Form S-1, filed with the SEC on May 11, 2018.

Preferred Stock. On June 11, 2018, we completed the sale of 400,000 shares of 5.650% Series A Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (the "Series A Preferred Stock") at a price of \$1,000 per share. The transaction resulted in \$400.0 million of gross proceeds or \$393.9 million of net proceeds, after deducting commissions and sale expenses. The Series A Preferred Stock was issued in a private placement pursuant to SEC Rule 144A. On December 13, 2018, we filed a registration statement with the SEC enabling holders to exchange their unregistered shares of Series A Preferred Stock for publicly registered shares with substantially identical terms.

Proceeds from the issuance of the Series A Preferred Stock were used to pay a portion of the notes tendered in June 2018 and the redemption of the remaining notes in July 2018. See Note 14, "Long-term Debt" for additional information regarding the tender offer and redemption.

Dividends on the Series A Preferred Stock accrue and are cumulative from the date the shares of Series A Preferred Stock were originally issued to, but not including, June 15, 2023 at a rate of 5.650% per annum of the \$1,000 liquidation preference per share. On and after June 15, 2023, dividends on the Series A Preferred Stock will accumulate for each five year period at a percentage of the \$1,000 liquidation preference equal to the five-year U.S. Treasury Rate plus (i) in respect of each five year period commencing on or after June 15, 2023 but before June 15, 2043, a spread of 2.843% (the "Initial Margin"), and (ii) in respect of each five year period commencing on or after June 15, 2043, the Initial Margin plus 1.000%. The Series A Preferred Stock may be redeemed by us at our option on June 15, 2023, or on each date falling on the fifth anniversary thereafter, or in connection with a ratings event (as defined in the Certificate of Designation of the Series A Preferred Stock).

As of December 31, 2019 and 2018, Series A Preferred Stock had \$1.0 million of cumulative preferred dividends in arrears, or \$2.51 per share.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Holders of Series A Preferred Stock generally have no voting rights, except for limited voting rights with respect to (i) potential amendments to our certificate of incorporation that would have a material adverse effect on the existing preferences, rights, powers or duties of the Series A Preferred Stock, (ii) the creation or issuance of any security ranking on a parity with the Series A Preferred Stock if the cumulative dividends payable on then outstanding Series A Preferred Stock are in arrears, or (iii) the creation or issuance of any security ranking senior to the Series A Preferred Stock. The Series A Preferred Stock does not have a stated maturity and is not subject to mandatory redemption or any sinking fund. The Series A Preferred Stock will remain outstanding indefinitely unless repurchased or redeemed by us. Any such redemption would be effected only out of funds legally available for such purposes and will be subject to compliance with the provisions of our outstanding indebtedness.

On December 5, 2018, we completed the sale of 20,000,000 depositary shares with an aggregate liquidation preference of \$500,000,000 under the Company's registration statement on Form S-3. Each depositary share represents 1/1,000th ownership interest in a share of our 6.500% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock, liquidation preference \$25,000 per share (equivalent to \$25 per depositary share) (the "Series B Preferred Stock"). The transaction resulted in \$500.0 million of gross proceeds or \$486.1 million of net proceeds, after deducting commissions and sale expenses.

Dividends on the Series B Preferred Stock accrue and are cumulative from the date the shares of Series B Preferred Stock were originally issued to, but not including, March 15, 2024 at a rate of 6.500% per annum of the \$25,000 liquidation preference per share. On and after March 15, 2024, dividends on the Series B Preferred Stock will accumulate for each five year period at a percentage of the \$25,000 liquidation preference equal to the five-year U.S. Treasury Rate plus (i) in respect of each five year period commencing on or after March 15, 2024 but before March 15, 2044, a spread of 3.632% (the "Initial Margin"), and (ii) in respect of each five year period commencing on or after March 15, 2044, the Initial Margin plus 1.000%. The Series B Preferred Stock may be redeemed by us at our option on March 15, 2024, or on each date falling on the fifth anniversary thereafter, or in connection with a ratings event (as defined in the Certificate of Designation of the Series B Preferred Stock).

As of December 31, 2019 and 2018, Series B Preferred Stock had \$1.4 million and \$2.4 million, respectively, of cumulative preferred dividends in arrears, or \$72.23 and \$121.88 per share, respectively.

In addition, we issued 20,000 shares of "Series B-1 Preferred Stock", par value \$0.01 per share, ("Series B-1 Preferred Stock"), as a distribution with respect to the Series B Preferred Stock. As a result, each of the depositary shares issued on December 5, 2018 now represents a 1/1,000th ownership interest in a share of Series B Preferred Stock and a 1/1,000th ownership interest in a share of Series B-1 Preferred Stock. We issued the Series B-1 Preferred Stock to enhance the voting rights of the Series B Preferred Stock to comply with the minimum voting rights policy of the New York Stock Exchange. The Series B-1 Preferred Stock is paired with the Series B Preferred Stock and may not be transferred, redeemed or repurchased except in connection with the simultaneous transfer, redemption or repurchase of a like number of shares of the underlying Series B Preferred Stock.

Holders of Series B Preferred Stock generally have no voting rights, except for limited voting rights with respect to (i) potential amendments to our certificate of incorporation that would have a material adverse effect on the existing preferences, rights, powers or duties of the Series B Preferred Stock, (ii) the creation or issuance of any security ranking on a parity with the Series B Preferred Stock if the cumulative dividends payable on then outstanding Series B Preferred Stock are in arrears, or (iii) the creation or issuance of any security ranking senior to the Series B Preferred Stock. In addition, if and whenever dividends on any shares of Series B Preferred Stock shall not have been declared and paid for at least six dividend periods, whether or not consecutive, the number of directors then constituting our Board of Directors shall automatically be increased by two until all accumulated and unpaid dividends on the Series B Preferred Stock shall have been paid in full, and the holders of Series B-1 Preferred Stock, voting as a class together with the holders of any outstanding securities ranking on a parity with the Series B-1 Preferred Stock and having like voting rights that are exercisable at the time and entitled to vote thereon, shall be entitled to elect the two additional directors. The Series B Preferred Stock does not have a stated maturity and is not subject to mandatory redemption or any sinking fund. The Series B Preferred Stock will remain outstanding indefinitely unless repurchased or redeemed by us. Any such redemption would be effected only out of funds legally available for such purposes and will be subject to compliance with the provisions of our outstanding indebtedness.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table summarizes preferred stock by outstanding series of shares:

				Year ended December 31,				December 31,	
				2019	2018	2017		2019	2018
(in millions except shares and per share amounts)	Liquidation Preference Per Share	Shares	Dividends Declared Per Share				Outstanding		
5.650% Series A	\$ 1,000.00	400,000	\$ 56.50	\$ 28.88	\$ —	\$ —	\$ 393.9	\$ 393.9	
6.500% Series B	\$ 25,000.00	20,000	\$ 1,674.65	\$ —	\$ —	\$ —	\$ 486.1	\$ 486.1	

13. Share-Based Compensation

Our stockholders most recently approved the NiSource Inc. 2010 Omnibus Incentive Plan (“Omnibus Plan”) at the Annual Meeting of Stockholders held on May 12, 2015. The Omnibus Plan provides for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and supersedes the long-term incentive plan approved by stockholders on April 13, 1994 (“1994 Plan”) and the Director Stock Incentive Plan (“Director Plan”). The Omnibus Plan provides that the number of shares of common stock of NiSource available for awards is 8,000,000 plus the number of shares subject to outstanding awards that expire or terminate for any reason that were granted under either the 1994 Plan or the Director Plan, plus the number of shares that were awarded as a result of the Separation-related adjustments. At December 31, 2019, there were 3,313,183 shares reserved for future awards under the Omnibus Plan.

We recognized stock-based employee compensation expense of \$16.3 million, \$15.2 million and \$15.3 million, during 2019, 2018 and 2017, respectively, as well as related tax benefits of \$4.0 million, \$3.7 million and \$5.9 million, respectively. We recognized related excess tax benefits from the distribution of vested share-based employee compensation of \$0.8 million, \$1.0 million and \$4.4 million in 2019, 2018 and 2017, respectively.

As of December 31, 2019, the total remaining unrecognized compensation cost related to non-vested awards amounted to \$19.5 million, which will be amortized over the weighted-average remaining requisite service period of 1.8 years.

Restricted Stock Units and Restricted Stock. In 2019, we granted 166,031 restricted stock units and shares of restricted stock to employees, subject to service conditions. The total grant date fair value of the restricted stock units and shares of restricted stock was \$4.1 million, based on the average market price of our common stock at the date of each grant less the present value of any dividends not received during the vesting period, which will be expensed over the vesting period which is generally three years. As of December 31, 2019, 157,786 non-vested restricted stock units and shares of restricted stock granted in 2019 were outstanding as of December 31, 2019.

In 2018, we granted 158,689 restricted stock units and shares of restricted stock to employees, subject to service conditions. The total grant date fair value of the restricted stock units and shares of restricted stock was \$3.5 million, based on the average market price of our common stock at the date of each grant less the present value of any dividends not received during the vesting period, which will be expensed over the vesting period which is generally three years. As of December 31, 2019, 136,820 non-vested restricted stock units and shares of restricted stock granted in 2018 were outstanding as of December 31, 2019.

Restricted stock units and shares of restricted stock granted to employees in 2017 were immaterial.

If an employee terminates employment before the service conditions lapse under the 2017, 2018 or 2019 awards due to (1) retirement or disability (as defined in the award agreement), or (2) death, the service conditions will lapse on the date of such termination with respect to a pro rata portion of the restricted stock units and shares of restricted stock based upon the percentage of the service period satisfied between the grant date and the date of the termination of employment. In the event of a change in control (as defined in the award agreement), all unvested shares of restricted stock and restricted stock units awarded will immediately vest upon termination of employment occurring in connection with a change in control. Termination due to any other reason will result in all unvested shares of restricted stock and restricted stock units awarded being forfeited effective on the employee’s date of termination.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

(shares)	Restricted Stock Units	Weighted Average Award Date Fair Value Per Unit (\$)
Non-vested at December 31, 2018	178,678	21.82
Granted	166,031	24.93
Forfeited	(21,547)	22.99
Vested	(20,556)	21.08
Non-vested at December 31, 2019	302,606	23.49

Performance Shares. In 2019, we granted 552,389 performance shares subject to service, performance and market conditions. The service conditions for these awards lapse on February 28, 2022. The performance period for the awards is the period beginning January 1, 2019 and ending December 31, 2021. The performance conditions are based on the achievement of one non-GAAP financial measure and additional operational measures as outlined below.

The financial measure is cumulative net operating earnings per share ("NOEPS"), which we define as income from continuing operations adjusted for certain unusual or non-recurring items. The number of cumulative NOEPS shares determined using this measure shall be increased or decreased based on our relative total shareholder return, a market condition which we define as the annualized growth in dividends and share price of a share of our common stock (calculated using a 20 trading day average of our closing price beginning on December 31, 2018 and ending on December 31, 2021) compared to the total shareholder return of a predetermined peer group of companies. A relative shareholder return result within the first quartile will result in an increase to the NOEPS shares of 25%, while a relative shareholder return result within the fourth quartile will result in a decrease of 25%. A Monte Carlo analysis was used to value the portion of these awards dependent on market conditions. The grant date fair value of the awards was \$11.7 million, based on the average market price of our common stock at the date of each grant less the present value of dividends not received during the vesting period which will be expensed over the requisite service period of three years. As of December 31, 2019, 422,825 of these non-vested performance shares granted in 2019 remained outstanding.

If a threshold level of cumulative NOEPS financial performance is achieved, additional operational measures which we refer to as the customer value index, which consists of five equally weighted areas of focus including safety, customer satisfaction, financial, culture and environmental apply. Each area of focus represents 20% of the customer value index shares, and the targets for all areas must be met for these awards to be eligible for 100% payout of these awards. The grant date fair value of the awards was \$2.5 million, based on the average market price of our common stock on the grant date of each award less the present value of dividends not received during the vesting period which will be expensed over the requisite service period of three years. As of December 31, 2019, 97,574 of these awards that were issued in 2019 remained outstanding.

In 2018, we awarded 514,338 performance shares subject to service, performance and market conditions. The service conditions for these awards lapse on February 26, 2021. The performance period for the awards is the period beginning January 1, 2018 and ending December 31, 2020. The performance conditions are based on the achievement of one non-GAAP financial measure and additional operational measures as outlined below.

The financial measure is cumulative net operating earnings per share ("NOEPS"), which we define as income from continuing operations adjusted for certain unusual or non-recurring items. The number of cumulative NOEPS shares determined using this measure shall be increased or decreased based on our relative total shareholder return, a market condition which we define as the annualized growth in dividends and share price of a share of our common stock (calculated using a 20 trading day average of our closing price beginning on December 31, 2017 and ending on December 31, 2020) compared to the total shareholder return of a predetermined peer group of companies. A relative shareholder return result within the first quartile will result in an increase to the NOEPS shares of 25% while a relative shareholder return result within the fourth quartile will result in a decrease of 25%. A Monte Carlo analysis was used to value the portion of these awards dependent on market conditions. The grant date fair value of the awards was \$9.2 million, based on the average market price of our common stock at the date of each grant less the present value of dividends not received during the vesting period which will be expensed over the requisite service period of three years. As of December 31, 2019, 368,811 of these non-vested performance shares granted in 2018 remained outstanding.

If a threshold level of cumulative NOEPS financial performance is achieved, additional operational measures which we refer to as the customer value index, which consists of five equally weighted areas of focus including safety, customer satisfaction, financial, culture and environmental apply. Each area of focus represents 20% of the customer value index shares and the targets for all areas must be met for these awards to be eligible for 100% payout of these awards. Individual payout percentages for these shares may

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

range from 0%-200% as determined by the compensation committee in its sole discretion. Due to this discretion, these shares are not considered to be granted under ASC 718. The service inception date fair value of the awards was \$2.4 million, based on the closing market price of our common stock on the service inception date of each award. This value will be reassessed at each reporting period to be based on our closing market price of our common stock at the reporting period date with adjustments to expense recorded as appropriate. As of December 31, 2019, 85,111 of these awards that were issued in 2018 remained outstanding. The service conditions for these awards lapse on February 26, 2021.

In 2017, we granted 660,750 performance shares subject to service, performance and market conditions. The grant date fair value of the awards was \$12.9 million, based on the average market price of our common stock at the date of each grant less the present value of dividends not received during the vesting period which will be expensed over the requisite service period of three years. The performance conditions are based on achievement of non-GAAP financial measures similar to those discussed above: cumulative net operating earnings per share for the three-year period ending December 31, 2019 and relative total shareholder return (calculated using a 20 trading day average of our closing price beginning on December 31, 2016 and ending on December 31, 2019). As of December 31, 2019, 528,928 non-vested performance shares granted in 2017 remained outstanding. The service conditions for these awards lapse on February 28, 2020.

<i>(shares)</i>	Performance Awards	Weighted Average Grant Date Fair Value Per Unit (\$) ⁽¹⁾
Non-vested at December 31, 2018	1,634,718	20.45
Granted	552,389	25.77
Forfeited	(156,700)	26.72
Vested	(527,156)	28.11
Non-vested at December 31, 2019	1,503,251	22.74

⁽¹⁾2018 performance shares awarded based on the customer value index are included at reporting date fair value as these awards have not been granted under ASC 718 as discussed above.

Non-employee Director Awards. As of May 11, 2010, awards to non-employee directors may be made only under the Omnibus Plan. Currently, restricted stock units are granted annually to non-employee directors, subject to a non-employee director's election to defer receipt of such restricted stock unit award. The non-employee director's annual award of restricted stock units vest on the first anniversary of the grant date subject to special pro-rata vesting rules in the event of retirement or disability (as defined in the award agreement), or death. The vested restricted stock units are payable as soon as practicable following vesting except as otherwise provided pursuant to the non-employee director's election to defer. Certain restricted stock units remain outstanding from the Director Plan. All such awards are fully vested and shall be distributed to the directors upon their separation from the Board.

As of December 31, 2019, 165,768 restricted stock units are outstanding to non-employee directors under either the Omnibus Plan or the Director Plan. Of this amount, 49,926 restricted stock units are unvested and expected to vest.

401(k) Match, Profit Sharing and Company Contribution. We have a voluntary 401(k) savings plan covering eligible employees that allows for periodic discretionary matches as a percentage of each participant's contributions payable in cash for nonunion employees and generally payable in shares of NiSource common stock for union employees, subject to collective bargaining. We also have a retirement savings plan that provides for discretionary profit sharing contributions similarly payable in cash or shares of NiSource common stock to eligible employees based on earnings results, and eligible employees hired after January 1, 2010 receive a non-elective company contribution of 3% of eligible pay similarly payable in cash or shares of NiSource common stock. For the years ended December 31, 2019, 2018 and 2017, we recognized 401(k) match, profit sharing and non-elective contribution expense of \$37.5 million, \$37.6 million and \$37.6 million, respectively.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

14. Long-Term Debt

Our long-term debt as of December 31, 2019 and 2018 is as follows:

Long-term debt type	Maturity as of December 31, 2019	Weighted average interest rate (%)	Outstanding balance as of December 31, (in millions)	
			2019	2018
Senior notes:				
NiSource	December 2021	4.45%	63.6	63.6
NiSource	November 2022	2.65%	500.0	500.0
NiSource	February 2023	3.85%	250.0	250.0
NiSource	June 2023	3.65%	350.0	350.0
NiSource	November 2025	5.89%	265.0	265.0
NiSource	May 2027	3.49%	1,000.0	1,000.0
NiSource	December 2027	6.78%	3.0	3.0
NiSource	September 2029	2.95%	750.0	—
NiSource	December 2040	6.25%	250.0	250.0
NiSource	June 2041	5.95%	400.0	400.0
NiSource	February 2042	5.80%	250.0	250.0
NiSource	February 2043	5.25%	500.0	500.0
NiSource	February 2044	4.80%	750.0	750.0
NiSource	February 2045	5.65%	500.0	500.0
NiSource	May 2047	4.38%	1,000.0	1,000.0
NiSource	March 2048	3.95%	750.0	750.0
Total senior notes			\$7,581.6	\$6,831.6
Medium term notes:				
NiSource	April 2022 to May 2027	7.99%	\$ 49.0	\$ 49.0
NIPSCO	August 2022 to August 2027	7.61%	68.0	68.0
Columbia of Massachusetts	December 2025 to February 2028	6.30%	40.0	40.0
Total medium term notes			\$ 157.0	\$ 157.0
Finance leases:				
NiSource Corporate Services	January 2020 to November 2023	3.47%	22.3	11.6
Columbia of Ohio	October 2021 to March 2044	6.16%	94.8	91.5
Columbia of Virginia	July 2029 to November 2039	6.31%	19.1	15.2
Columbia of Kentucky	May 2027	3.79%	0.3	0.3
Columbia of Pennsylvania	August 2027 to May 2035	5.67%	20.7	30.0
Columbia of Massachusetts	December 2033 to November 2043	5.49%	44.3	45.7
Total finance leases			201.5	194.3
Pollution control bonds - NIPSCO	April 2019	5.85%	—	41.0
Unamortized issuance costs and discounts			(70.5)	\$ (68.5)
Total Long-Term Debt			\$7,869.6	\$7,155.4

Details of our 2019 long-term debt related activity are summarized below:

- On April 1, 2019, NIPSCO repaid \$41.0 million of 5.85% pollution control bonds at maturity.
- On August 12, 2019, we closed our placement of \$750.0 million of 2.95% senior unsecured notes maturing in 2029 which resulted in approximately \$742.4 million of net proceeds after deducting commissions and expenses.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Details of our 2018 long-term debt related activity are summarized below:

- On March 15, 2018, we redeemed \$275.1 million of 6.40% senior unsecured notes at maturity.
- In June 2018, we executed a tender offer for \$209.0 million of outstanding notes consisting of a combination of our 6.80% notes due 2019, 5.45% notes due 2020, and 6.125% notes due 2022. In conjunction with the debt retired, we recorded a \$12.5 million loss on early extinguishment of long-term debt, primarily attributable to early redemption premiums.
- On June 11, 2018, we closed our private placement of \$350.0 million of 3.65% senior unsecured notes maturing in 2023 which resulted in approximately \$346.6 million of net proceeds after deducting commissions and expenses. We used the net proceeds from this private placement to pay a portion of the redemption price for the notes subject to the tender offer described above.
- In July 2018, we redeemed \$551.1 million of outstanding notes representing the remainder of our 6.80% notes due 2019, 5.45% notes due 2020 and 6.125% notes due 2022. During the third quarter of 2018, we recorded a \$33.0 million loss on early extinguishment of long-term debt, primarily attributable to early redemption premiums.

See Note 19-A, "Contractual Obligations," for the outstanding long-term debt maturities at December 31, 2019.

Unamortized debt expense, premium and discount on long-term debt applicable to outstanding bonds are being amortized over the life of such bonds.

We are subject to a financial covenant under our revolving credit facility and term loan agreement which requires us to maintain a debt to capitalization ratio that does not exceed 70%. A similar covenant in a 2005 private placement note purchase agreement requires us to maintain a debt to capitalization ratio that does not exceed 75%. As of December 31, 2019, the ratio was 61.7%.

We are also subject to certain other non-financial covenants under the revolving credit facility. Such covenants include a limitation on the creation or existence of new liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets equal to \$150 million. An asset sale covenant generally restricts the sale, conveyance, lease, transfer or other disposition of our assets to those dispositions that are for a price not materially less than fair market of such assets, that would not materially impair our ability to perform obligations under the revolving credit facility, and that together with all other such dispositions, would not have a material adverse effect. The covenant also restricts dispositions to no more than 10% of our consolidated total assets on December 31, 2015. The revolving credit facility also includes a cross-default provision, which triggers an event of default under the credit facility in the event of an uncured payment default relating to any indebtedness of us or any of our subsidiaries in a principal amount of \$50.0 million or more.

Our indentures generally do not contain any financial maintenance covenants. However, our indentures are generally subject to cross-default provisions ranging from uncured payment defaults of \$5 million to \$50 million, and limitations on the incurrence of liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets capped at 10% of our consolidated net tangible assets.

15. Short-Term Borrowings

We generate short-term borrowings from our revolving credit facility, commercial paper program, accounts receivable transfer programs and term loan borrowings. Each of these borrowing sources is described further below.

We maintain a revolving credit facility to fund ongoing working capital requirements, including the provision of liquidity support for our commercial paper program, provide for issuance of letters of credit and also for general corporate purposes. Our revolving credit facility has a program limit of \$1.85 billion and is comprised of a syndicate of banks led by Barclays. On February 20, 2019, we extended the termination date of our revolving credit facility to February 20, 2024. At December 31, 2019 and 2018, we had no outstanding borrowings under this facility.

Our commercial paper program has a program limit of up to \$1.5 billion with a dealer group comprised of Barclays, Citigroup, Credit Suisse and Wells Fargo. We had \$570.0 million and \$978.0 million of commercial paper outstanding as of December 31, 2019 and 2018, respectively.

Transfers of accounts receivable are accounted for as secured borrowings resulting in the recognition of short-term borrowings on the Consolidated Balance Sheets. We had \$353.2 million and \$399.2 million in transfers as of December 31, 2019 and 2018, respectively. Refer to Note 18, "Transfers of Financial Assets," for additional information.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

On April 17, 2019, we amended our existing term loan agreement with a syndicate of banks, with MUFG Bank Ltd. as the Administrative Agent, Sole Lead Arranger and Sole Bookrunner. The amendment increased the amount of our term loan from \$600.0 million to \$850.0 million and extended the maturity date to April 16, 2020. Interest charged on borrowings depends on the variable rate structure we elect at the time of each borrowing. The available variable rate structures from which we may choose are defined in the term loan agreement. Under the agreement, we borrowed \$850.0 million on April 17, 2019 with an interest rate of LIBOR plus 60 basis points.

Short-term borrowings were as follows:

At December 31, (in millions)	2019	2018
Commercial Paper weighted-average interest rate of 2.03% and 2.96% at December 31, 2019 and 2018, respectively	\$ 570.0	\$ 978.0
Accounts receivable securitization facility borrowings	353.2	399.2
Term loan weighted-average interest rate of 2.40% and 3.07% at December 31, 2019 and 2018, respectively	850.0	\$ 600.0
Total Short-Term Borrowings	\$ 1,773.2	\$ 1,977.2

Other than for the term loan and certain commercial paper borrowings, cash flows related to the borrowings and repayments of the items listed above are presented net in the Statements of Consolidated Cash Flows as their maturities are less than 90 days.

16. Leases

ASC 842 Adoption. In February 2016, the FASB issued ASU 2016-02, Leases (ASC 842). ASU 2016-02 introduces a lessee model that brings most leases onto the balance sheet. The standard requires that lessees recognize the following for all leases (with the exception of short-term leases, as that term is defined in the standard) at the lease commencement date: (1) a lease liability, which is a lessee's obligation to make lease payments arising from a lease, measured on a discounted basis; and (2) a right-of-use asset, which is an asset that represents the lessee's right to use, or control the use of, a specified asset for the lease term. In 2018, the FASB issued ASU 2018-01, Leases (ASC 842): Land Easement Practical Expedient for Transition to ASC 842, which allows us to not evaluate existing land easements under ASC 842, and ASU 2018-11, Leases (ASC 842): Targeted Improvements, which allows calendar year entities to initially apply ASC 842 prospectively from January 1, 2019.

We adopted the provisions of ASC 842 beginning on January 1, 2019, using the transition method provided in ASU 2018-11, which was applied to all existing leases at that date. As such, results for reporting periods beginning after January 1, 2019 will be presented under ASC 842, while prior period amounts will continue to be reported in accordance with ASC 840. We elected a number of practical expedients, including the "practical expedient package" described in ASC 842-10-65-1 and the provisions of ASU 2018-01, which allows us to not evaluate existing land easements under ASC 842. Further, ASC 842 provides lessees the option of electing an accounting policy, by class of underlying asset, in which the lessee may choose not to separate nonlease components from lease components. We elected this practical expedient for our leases of fleet vehicles, IT assets and railcars. We elected to use a practical expedient that allows the use of hindsight in determining lease terms when evaluating leases that existed at the implementation date. We also elected the short-term lease recognition exemption, allowing us to not recognize ROU assets or lease liabilities for all leases that qualify.

Adoption of the new standard resulted in the recording of additional lease liabilities and corresponding ROU assets of \$57.0 million on our Consolidated Balance Sheets as of January 1, 2019. The standard had no material impact on our Statements of Consolidated Income (Loss) or our Statements of Consolidated Cash Flows.

Lease Descriptions. We are the lessee for substantially all of our leasing activity, which includes operating and finance leases for corporate and field offices, railcars, fleet vehicles and certain IT assets. Our corporate and field office leases have remaining lease terms between 1 and 24 years with options to renew the leases for up to 25 years. We lease railcars to transport coal to and from our electric generation facilities in Indiana. Our railcars are specifically identified in the lease agreements and have lease terms between 1 and 3 years with options to renew for 1 year. Our fleet vehicles include trucks, trailers and equipment that have been customized specifically for use in the utility industry. We lease fleet vehicles on 1 year terms, after which we have the option to extend on a month-to-month basis or terminate with written notice. ROU assets and liabilities on our Consolidated Balance Sheets do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain (as that term is defined in ASC 842) to do so. We lease the majority of our IT assets under 4 year lease terms. Ownership of leased IT assets is transferred to us at the end of the lease term.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

We have not provided material residual value guarantees for our leases, nor do our leases contain material restrictions or covenants. Lease contracts containing renewal and termination options are mostly exercisable at our sole discretion. Certain of our real estate and railcar leases include renewal periods in the measurement of the lease obligation if we have deemed the renewals reasonably certain to be exercised.

With respect to service contracts involving the use of assets, if we have the right to direct the use of the asset and obtain substantially all economic benefits from the use of an asset, we account for the service contract as a lease. Unless specifically provided to us by the lessor, we utilize NiSource's collateralized incremental borrowing rate commensurate to the lease term as the discount rate for all of our leases.

Lease costs for the year ended December 31, 2019 are presented in the table below. These costs include both amounts recognized in expense and amounts capitalized as part of the cost of another asset. Income statement presentation for these costs (when ultimately recognized on the income statement) is also included:

Year Ended December 31, <i>(in millions)</i>	Income Statement Classification	2019
Finance lease cost		
Amortization of right-of-use assets	Depreciation and amortization	\$ 15.5
Interest on lease liabilities	Interest expense, net	11.3
Total finance lease cost		26.8
Operating lease cost	Operation and maintenance	17.9
Short-term lease cost	Operation and maintenance	1.0
Total lease cost		\$ 45.7

Our right-of-use assets and liabilities are presented in the following lines on the Consolidated Balance Sheets:

<i>(in millions)</i>	Balance Sheet Classification	December 31, 2019
Assets		
Finance leases	Net Property, Plant and Equipment	\$ 179.5
Operating leases	Deferred charges and other	64.2
Total leased assets		243.7
Liabilities		
Current		
Finance leases	Current portion of long-term debt	13.4
Operating leases	Other accruals	13.2
Noncurrent		
Finance leases	Long-term debt, excluding amounts due within one year	188.1
Operating leases	Other noncurrent liabilities	51.6
Total lease liabilities		\$ 266.3

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Other pertinent information related to leases was as follows:

Year Ended December 31, <i>(in millions)</i>	2019
Cash paid for amounts included in the measurement of lease liabilities	
Operating cash flows used for finance leases	\$ 11.3
Operating cash flows used for operating leases	17.9
Financing cash flows used for finance leases	10.6
Right-of-use assets obtained in exchange for lease obligations	
Finance leases	26.4
Operating leases	\$ 13.4
December 31, 2019	
Weighted-average remaining lease term (years)	
Finance leases	14.8
Operating leases	9.2
Weighted-average discount rate	
Finance leases	5.9%
Operating leases	4.3%

Maturities of our lease liabilities presented on a rolling 12-month basis were as follows:

As of December 31, 2019, <i>(in millions)</i>	Total	Finance Leases	Operating Leases
Year 1	\$ 42.8	\$ 27.2	\$ 15.6
Year 2	36.7	27.3	9.4
Year 3	35.0	26.8	8.2
Year 4	30.7	23.1	7.6
Year 5	26.5	19.9	6.6
Thereafter	233.3	201.6	31.7
Total lease payments ⁽¹⁾	405.0	325.9	79.1
Less: Imputed interest	(116.6)	(102.3)	(14.3)
Less: Leases not yet commenced	(22.1)	(22.1)	—
Total	266.3	201.5	64.8
Reported as of December 31, 2019			
Short-term lease liabilities	26.6	13.4	13.2
Long-term lease liabilities	239.7	188.1	51.6
Total lease liabilities	\$ 266.3	\$ 201.5	\$ 64.8

⁽¹⁾ Expected payments include obligations for leases not yet commenced of approximately \$22.1 million for IT assets and interconnection facilities. These leases have terms between 4 years and 20 years, with estimated commencements in the first quarter of 2020 and in the third quarter of 2020.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Disclosures Related to Periods Prior to Adoption of ASC 842. We lease assets in several areas of our operations including fleet vehicles and equipment, rail cars for coal delivery and certain operations centers. Payments made in connection with operating leases were \$49.1 million in 2018 and \$49.5 million in 2017, and are primarily charged to operation and maintenance expense as incurred.

As of December 31, 2018, total contractual obligations for capital and operating leases were as follows:

As of December 31, 2018, (in millions)	Total	Capital Leases ⁽¹⁾	Operating Leases ⁽²⁾
2019	\$ 34.0	\$ 23.0	\$ 11.0
2020	29.8	22.5	7.3
2021	28.7	22.6	6.1
2022	26.3	22.1	4.2
2023	22.6	19.8	2.8
Thereafter	226.9	212.4	14.5
Total lease payments	\$ 368.3	\$ 322.4	\$ 45.9

⁽¹⁾Capital lease payments shown above are inclusive of interest totaling \$114.6 million.

⁽²⁾Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so. Expected payments are \$26.7 million in 2019, \$22.4 million in 2020, \$16.6 million in 2021, \$12.3 million in 2022, \$9.3 million in 2023 and \$8.8 million thereafter.

17. Fair Value

A. Fair Value Measurements

Recurring Fair Value Measurements. The following tables present financial assets and liabilities measured and recorded at fair value on our Consolidated Balance Sheets on a recurring basis and their level within the fair value hierarchy as of December 31, 2019 and December 31, 2018:

Recurring Fair Value Measurements December 31, 2019 (in millions)	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2019
Assets				
Risk management assets	\$ —	\$ 4.4	\$ —	\$ 4.4
Available-for-sale securities	—	154.2	—	154.2
Total	\$ —	\$ 158.6	\$ —	\$ 158.6
Liabilities				
Risk management liabilities	\$ —	\$ 146.6	\$ —	\$ 146.6
Total	\$ —	\$ 146.6	\$ —	\$ 146.6

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Recurring Fair Value Measurements December 31, 2018 (in millions)	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2018
Assets				
Risk management assets	\$ —	\$ 24.0	\$ —	\$ 24.0
Available-for-sale securities	—	138.3	—	138.3
Total	\$ —	\$ 162.3	\$ —	\$ 162.3
Liabilities				
Risk management liabilities	\$ —	\$ 51.7	\$ —	\$ 51.7
Total	\$ —	\$ 51.7	\$ —	\$ 51.7

Risk management assets and liabilities include interest rate swaps, exchange-traded NYMEX futures and NYMEX options and non-exchange-based forward purchase contracts. When utilized, exchange-traded derivative contracts are based on unadjusted quoted prices in active markets and are classified within Level 1. These financial assets and liabilities are secured with cash on deposit with the exchange; therefore, nonperformance risk has not been incorporated into these valuations. Certain non-exchange-traded derivatives are valued using broker or over-the-counter, on-line exchanges. In such cases, these non-exchange-traded derivatives are classified within Level 2. Non-exchange-based derivative instruments include swaps, forwards, and options. In certain instances, these instruments may utilize models to measure fair value. We use a similar model to value similar instruments. Valuation models utilize various inputs that include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, other observable inputs for the asset or liability and market-corroborated inputs, (i.e., inputs derived principally from or corroborated by observable market data by correlation or other means). Where observable inputs are available for substantially the full term of the asset or liability, the instrument is categorized within Level 2. Certain derivatives trade in less active markets with a lower availability of pricing information and models may be utilized in the valuation. When such inputs have a significant impact on the measurement of fair value, the instrument is categorized within Level 3. Credit risk is considered in the fair value calculation of derivative instruments that are not exchange-traded. Credit exposures are adjusted to reflect collateral agreements which reduce exposures. As of December 31, 2019 and 2018, there were no material transfers between fair value hierarchies. Additionally, there were no changes in the method or significant assumptions used to estimate the fair value of our financial instruments.

We have entered into forward-starting interest rate swaps to hedge the interest rate risk on coupon payments of forecasted issuances of long-term debt. These derivatives are designated as cash flow hedges. Credit risk is considered in the fair value calculation of each agreement. As they are based on observable data and valuations of similar instruments, the hedges are categorized within Level 2 of the fair value hierarchy. There was no exchange of premium at the initial date of the swaps and we can settle the contracts at any time. For additional information, see Note 9, "Risk Management Activities."

NIPSCO has entered into long-term forward natural gas purchase instruments that range from five to ten years to lock in a fixed price for its natural gas customers. We value these contracts using a pricing model that incorporates market-based information when available, as these instruments trade less frequently and are classified within Level 2 of the fair value hierarchy. For additional information see Note 9, "Risk Management Activities."

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Available-for-sale securities are investments pledged as collateral for trust accounts related to our wholly-owned insurance company. Available-for-sale securities are included within “Other investments” in the Consolidated Balance Sheets. We value U.S. Treasury, corporate debt and mortgage-backed securities using a matrix pricing model that incorporates market-based information. These securities trade less frequently and are classified within Level 2. Total unrealized gains and losses from available-for-sale securities are included in other comprehensive income. The amortized cost, gross unrealized gains and losses and fair value of available-for-sale securities at December 31, 2019 and 2018 were:

December 31, 2019 <i>(in millions)</i>	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Available-for-sale securities				
U.S. Treasury debt securities	\$ 31.4	\$ 0.1	\$ (0.1)	\$ 31.4
Corporate/Other debt securities	118.7	4.2	(0.1)	122.8
Total	\$ 150.1	\$ 4.3	\$ (0.2)	\$ 154.2

December 31, 2018 <i>(in millions)</i>	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Available-for-sale securities				
U.S. Treasury debt securities	\$ 23.6	\$ 0.1	\$ (0.1)	\$ 23.6
Corporate/Other debt securities	117.7	0.4	(3.4)	114.7
Total	\$ 141.3	\$ 0.5	\$ (3.5)	\$ 138.3

Realized gains and losses on available-for-sale securities were immaterial for the year-ended December 31, 2019 and 2018.

The cost of maturities sold is based upon specific identification. At December 31, 2019, approximately \$7.7 million of U.S. Treasury debt securities and approximately \$6.0 million of Corporate/Other debt securities have maturities of less than a year.

There are no material items in the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for the years ended December 31, 2019 and 2018.

Non-recurring Fair Value Measurements. We measure the fair value of certain assets on a non-recurring basis, typically annually or when events or changes in circumstances indicate that the carrying amount of the assets may not be recoverable. These assets include goodwill and other intangible assets.

At December 31, 2019, we recorded an impairment charge of \$204.8 million for goodwill and an impairment charge of \$209.7 million for franchise rights, in each case related to Columbia of Massachusetts. For additional information, see Note 6, “Goodwill and Other Intangible Assets.”

B. Other Fair Value Disclosures for Financial Instruments. The carrying amount of cash and cash equivalents, restricted cash, notes receivable, customer deposits and short-term borrowings is a reasonable estimate of fair value due to their liquid or short-term nature. Our long-term borrowings are recorded at historical amounts.

The following method and assumptions were used to estimate the fair value of each class of financial instruments.

Long-term debt. The fair value of outstanding long-term debt is estimated based on the quoted market prices for the same or similar securities. Certain premium costs associated with the early settlement of long-term debt are not taken into consideration in determining fair value. These fair value measurements are classified within Level 2 of the fair value hierarchy. For the years ended December 31, 2019 and 2018, there was no change in the method or significant assumptions used to estimate the fair value of long-term debt.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The carrying amount and estimated fair values of these financial instruments were as follows:

At December 31, <i>(in millions)</i>	Carrying Amount 2019	Estimated Fair Value 2019	Carrying Amount 2018	Estimated Fair Value 2018
Long-term debt (including current portion)	\$ 7,869.6	\$ 8,764.4	\$ 7,155.4	\$ 7,228.3

18. Transfers of Financial Assets

Columbia of Ohio, NIPSCO and Columbia of Pennsylvania each maintain a receivables agreement whereby they transfer their customer accounts receivables to third party financial institutions through wholly-owned and consolidated special purpose entities. The three agreements expire between May 2020 and October 2020 and may be further extended if mutually agreed to by the parties thereto.

All receivables transferred to third parties are valued at face value, which approximates fair value due to their short-term nature. The amount of the undivided percentage ownership interest in the accounts receivables transferred is determined in part by required loss reserves under the agreements.

Transfers of accounts receivable are accounted for as secured borrowings resulting in the recognition of short-term borrowings on the Consolidated Balance Sheets. As of December 31, 2019, the maximum amount of debt that could be recognized related to our accounts receivable programs is \$465.0 million.

The following table reflects the gross receivables balance and net receivables transferred as well as short-term borrowings related to the securitization transactions as of December 31, 2019 and 2018:

At December 31, <i>(in millions)</i>	2019	2018
Gross receivables	\$ 569.1	\$ 694.4
Less: receivables not transferred	215.9	295.2
Net receivables transferred	\$ 353.2	\$ 399.2
Short-term debt due to asset securitization	\$ 353.2	\$ 399.2

During 2019, \$46.0 million was recorded as cash flows used for financing activities related to the change in short-term borrowings due to securitization transactions. During 2018, \$62.5 million was recorded as cash flows from financing activities related to the change in short-term borrowings due to securitization transactions. Fees associated with the securitization transactions were \$2.6 million, \$2.6 million and \$2.5 million for the years ended December 31, 2019, 2018 and 2017, respectively. Columbia of Ohio, NIPSCO and Columbia of Pennsylvania remain responsible for collecting on the receivables securitized, and the receivables cannot be transferred to another party.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

19. Other Commitments and Contingencies

A. Contractual Obligations. We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at December 31, 2019 and their maturities were:

(in millions)	Total	2020	2021	2022	2023	2024	After
Long-term debt ⁽¹⁾	\$ 7,738.6	\$ —	\$ 63.6	\$ 530.0	\$ 600.0	\$ —	\$ 6,545.0
Interest payments on long-term debt	6,214.2	342.0	340.7	337.1	311.1	299.9	4,583.4
Finance leases ⁽²⁾	325.9	27.2	27.3	26.8	23.1	19.9	201.6
Operating leases ⁽³⁾	79.1	15.6	9.4	8.2	7.6	6.6	31.7
Energy commodity contracts ⁽⁴⁾	95.9	65.5	30.4	—	—	—	—
Service obligations:							
Pipeline service obligations	3,450.7	605.0	590.1	546.8	357.2	237.5	1,114.1
IT service obligations	153.2	63.6	49.4	38.0	1.1	1.1	—
Other service obligations ⁽⁵⁾	59.8	45.8	14.0	—	—	—	—
Other liabilities	27.3	27.3	—	—	—	—	—
Total contractual obligations	\$ 18,144.7	\$ 1,192.0	\$ 1,124.9	\$ 1,486.9	\$ 1,300.1	\$ 565.0	\$ 12,475.8

⁽¹⁾ Long-term debt balance excludes unamortized issuance costs and discounts of \$70.5 million.

⁽²⁾ Finance lease payments shown above are inclusive of interest totaling \$108.3 million.

⁽³⁾ Operating lease payments shown above are inclusive of interest totaling \$14.3 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain (as that term is defined in ASC 842) to do so. If we were to continue the fleet vehicle leases outstanding at December 31, 2019, payments would be \$34.5 million in 2020, \$28.3 million in 2021, \$23.4 million in 2022, \$19.9 million in 2023, \$15.2 million in 2024 and \$15.2 million thereafter.

⁽⁴⁾ In January 2020, NIPSCO signed new coal contract commitments of \$14.4 million for 2020. These contracts are not included above.

⁽⁵⁾ In February 2020, NIPSCO signed a new railcar coal transportation contract commitment of \$12.0 million for 2020. This contract is not included above.

Operating and Finance Lease Commitments. We lease assets in several areas of our operations including corporate and field offices, railcars, fleet vehicles and certain IT assets. Payments made in connection with operating and month-to-month leases were \$52.5 million in 2019, \$49.1 million in 2018 and \$49.5 million in 2017, and are primarily charged to operation and maintenance expense as incurred. See Note 16, "Leases" for additional details.

Purchase and Service Obligations. We have entered into various purchase and service agreements whereby we are contractually obligated to make certain minimum payments in future periods. Our purchase obligations are for the purchase of physical quantities of natural gas, electricity and coal. Our service agreements encompass a broad range of business support and maintenance functions which are generally described below.

Our subsidiaries have entered into various energy commodity contracts to purchase physical quantities of natural gas, electricity and coal. These amounts represent minimum quantities of these commodities we are obligated to purchase at both fixed and variable prices. To the extent contractual purchase prices are variable, obligations disclosed in the table above are valued at market prices as of December 31, 2019.

In July 2008, the IURC issued an order approving NIPSCO's purchase power agreements with subsidiaries of Iberdrola Renewables, Buffalo Ridge I LLC and Barton Windpower LLC. These agreements provide NIPSCO the opportunity and obligation to purchase up to 100 MW of wind power generated commencing in early 2009. The contracts extend 15 and 20 years, representing 50 MW of wind power each. No minimum quantities are specified within these agreements due to the variability of electricity generation from wind, so no amounts related to these contracts are included in the table above. Upon any termination of the agreements by NIPSCO for any reason (other than material breach by Buffalo Ridge I LLC or Barton Windpower LLC), NIPSCO may be required to pay a termination charge that could be material depending on the events giving rise to termination and the timing of the termination. NIPSCO began purchasing wind power in April 2009.

We have pipeline service agreements that provide for pipeline capacity, transportation and storage services. These agreements, which have expiration dates ranging from 2020 to 2045, require us to pay fixed monthly charges.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NIPSCO has contracts with three major rail operators providing for coal transportation services for which there are certain minimum payments. These service contracts extend for various periods through 2021.

We have executed agreements with multiple IT service providers. The agreements extend for various periods through 2024.

B. Guarantees and Indemnities. We and certain subsidiaries enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries as part of normal business. Such agreements include guarantees and stand-by letters of credit. These agreements are entered into primarily to support or enhance the creditworthiness otherwise attributed to a subsidiary on a stand-alone basis, thereby facilitating the extension of sufficient credit to accomplish the subsidiaries' intended commercial purposes. At December 31, 2019 and 2018, we had issued stand-by letters of credit of \$10.2 million for the benefit of third parties.

C. Legal Proceedings.

On September 13, 2018, a series of fires and explosions occurred in Lawrence, Andover and North Andover, Massachusetts related to the delivery of natural gas by Columbia of Massachusetts (the "Greater Lawrence Incident"). The Greater Lawrence Incident resulted in one fatality and a number of injuries, damaged multiple homes and businesses, and caused the temporary evacuation of significant portions of each municipality. The Massachusetts Governor's Office declared a state of emergency, authorizing the Massachusetts DPU to order another utility company to coordinate the restoration of utility services in Lawrence, Andover and North Andover. The incident resulted in the interruption of gas for approximately 7,500 gas meters, the majority of which served residences and approximately 700 of which served businesses, and the interruption of other utility service more broadly in the area. Columbia of Massachusetts has replaced the cast iron and bare steel gas pipeline system in the affected area and restored service to nearly all of the gas meters. See " - E. Other Matters - Greater Lawrence Pipeline Replacement" below for more information.

We are subject to inquiries and investigations by government authorities and regulatory agencies regarding the Greater Lawrence Incident, including the Massachusetts DPU and the Massachusetts Attorney General's Office, as described below. We are cooperating with all inquiries and investigations. In addition, on February 26, 2020, the Company and Columbia of Massachusetts entered into agreements with the U.S. Attorney's Office to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident, as described below.

NTSB Investigation. As previously disclosed, the NTSB concluded its investigation into the Greater Lawrence Incident, and we are implementing the one remaining safety recommendation resulting from the investigation.

Massachusetts Investigations. Under Massachusetts law, the DPU is authorized to investigate potential violations of pipeline safety regulations and to assess a civil penalty of up to \$218,647 for a violation of federal pipeline safety regulations. A separate violation occurs for each day of violation up to \$2.2 million for a related series of violations. The Massachusetts DPU also is authorized to investigate potential violations of the Columbia of Massachusetts emergency response plan and to assess penalties of up to \$250,000 per violation per day, or up to \$20 million per related series of violations. Further, as a result of the declaration of emergency by the Governor, the DPU is authorized to investigate potential violations of the DPU's operational directives during the restoration efforts and assess penalties of up to \$1 million per violation. Pursuant to these authorities, the DPU is investigating Columbia of Massachusetts as described below. Columbia of Massachusetts will likely be subject to potential compliance actions related to the Greater Lawrence Incident and the restoration work following the incident, the timing and outcomes of which are uncertain at this time.

After the Greater Lawrence Incident, the Massachusetts DPU retained an independent evaluator to conduct a statewide examination of the safety of the natural gas distribution system and the operational and maintenance functions of natural gas companies in the Commonwealth of Massachusetts. Through authority granted by the Massachusetts Governor under the state of emergency, the Chair of the Massachusetts DPU has directed all natural gas distribution companies operating in the Commonwealth to fund the statewide examination. The statewide examination is complete. The Phase I report, which was issued in May 2019, included a program level assessment and evaluation of natural gas distribution companies. The Phase I report's conclusions were statewide and contained no specific conclusions about Columbia of Massachusetts. Phase II, which was focused on field assessments of each Massachusetts gas company, concluded in December 2019. The Phase II report made several observations about and recommendations to Massachusetts gas companies, including Columbia of Massachusetts, with regard to safety culture and assets. The final report was issued in late January 2020, and the DPU directed each natural gas distribution company operating in Massachusetts to submit a plan in response to the report no later than February 28, 2020.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

On September 11, 2019, the Massachusetts DPU issued an order directing Columbia of Massachusetts to take several specific actions to address concerns related to service lines abandoned during the restoration work following the Greater Lawrence Incident and to furnish certain information and periodic reports to the DPU.

On October 1, 2019, the Massachusetts DPU issued four orders to Columbia of Massachusetts in connection with the service lines abandoned during the Greater Lawrence Incident restoration, which require: (1) the submission of a detailed work plan to the DPU, (2) the completion of quality control work on certain abandoned services, (3) the payment for a third-party independent audit, to be contracted through the DPU, of all gas pipeline work completed as part of the incident restoration effort, and (4) prompt and full response to any requests for information by the third-party auditor. The Massachusetts DPU retained an independent evaluator to conduct this audit, and that third party is currently evaluating compliance with Massachusetts and federal law, as well as any other operational or safety risks that may be posed by the pipeline work. The audit scope also includes Columbia of Massachusetts' operations in the Lawrence Division and other service territories as appropriate.

Also in October 2019, the Massachusetts DPU issued three additional orders requiring: (1) daily leak surveillance and reporting in areas where abandoned services are located, (2) completion by November 15, 2019 of the work plan previously submitted describing how Columbia of Massachusetts would address the estimated 2,200 locations at which an inside meter set was moved outside the property as part of the abandoned service work completed during the Greater Lawrence Incident restoration, and (3) submission of a report by December 2, 2019 showing any patterns, trends or correlations among the non-compliant work related to the abandonment of service lines, gate boxes and curb boxes during the incident restoration.

On October 3, 2019, the Massachusetts DPU notified Columbia of Massachusetts that, absent DPU approval, it is currently allowed to perform only emergency work on its gas distribution system throughout its service territories in Massachusetts. The restrictions do not apply to Columbia of Massachusetts' work to address the previously identified issues with abandoned service lines and valve boxes in the Greater Lawrence, Massachusetts area. Columbia of Massachusetts is subject to daily monitoring by the DPU on any work that Columbia of Massachusetts conducts in Massachusetts. Such restrictions on work remain in place until modified by the DPU.

On October 25, 2019, the Massachusetts DPU issued two orders opening public investigations into Columbia of Massachusetts with respect to the Greater Lawrence Incident. The Massachusetts DPU opened the first investigation under its authority to determine compliance with federal and state pipeline safety laws and regulations, and to investigate Columbia of Massachusetts' responsibility for and response to the Greater Lawrence Incident and its restoration efforts following the incident. The Massachusetts DPU opened the second investigation under its authority to determine whether a gas distribution company has violated established standards regarding acceptable performance for emergency preparedness and restoration of service to investigate efforts by Columbia of Massachusetts to prepare for and restore service following the Greater Lawrence Incident. Separate penalties are applicable under each exercise of authority.

On December 23, 2019, the Massachusetts DPU issued an order defining the scope of its investigation into the response of Columbia of Massachusetts related to the Greater Lawrence Incident. The DPU identified three distinct time frames in which Columbia of Massachusetts handled emergency response and restoration directly: (1) September 13-14, 2018, (2) September 21 through December 16, 2018 (the Phase I restoration), and (3) September 27, 2019 through completion of restoration of outages resulting from the gas release event in Lawrence, Massachusetts that occurred on September 27, 2019. The DPU determined that it is appropriate to investigate separately, for each time period described above, the areas of response, recovery and restoration for which Columbia of Massachusetts was responsible. The DPU noted that it also may investigate the continued restoration and related repair work that took place after December 16, 2018 and, depending on the outcome of that investigation, may deem it appropriate to consider that period of restoration as an additional separate time period.

The DPU also noted that its investigation into all of the above described time periods is ongoing and that if the DPU determines, based on its investigation, that it is appropriate to treat the separate time frames as separate emergency events, it may impose up to the maximum statutory penalty for each event, pursuant to Mass. G.L. c. 164 Section 1J. This provision authorizes the DPU to investigate potential violations of the Columbia of Massachusetts emergency response plan and to assess penalties of up to \$250,000 per violation per day, or up to \$20 million per related series of violations. The DPU noted that at this preliminary stage of the investigation, it does not have the factual basis to make those determinations.

In connection with its investigation related to the Greater Lawrence Incident, on February 4, 2020, the Massachusetts Attorney General's Office issued a request for documents primarily focused on the restoration work following the incident.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Columbia of Massachusetts is cooperating with the investigations set forth above as well as other inquiries resulting from an increased amount of enforcement activity, for all of which the outcomes are uncertain at this time.

Massachusetts Legislative Matters. On November 12, 2019, the Joint Committee on Telecommunications, Utilities and Energy held a hearing that focused on gas safety, but the Committee has not taken action on any bills. Increased scrutiny related to gas system safety and regulatory oversight in Massachusetts, including additional legislative oversight hearings and new legislative proposals, is expected to continue during the current two-year legislative session that ends in December 2020.

U.S. Department of Justice Investigation. As previously disclosed, the Company and Columbia of Massachusetts are subject to a criminal investigation related to the Greater Lawrence Incident that is being conducted under the supervision of the U.S. Attorney's Office. The initial grand jury subpoenas were served on the Company and Columbia of Massachusetts on September 24, 2018.

On February 26, 2020, the Company and Columbia of Massachusetts entered into agreements with the U.S. Attorney's Office to resolve the U.S. Attorney's Office's investigation relating to the Greater Lawrence Incident. Columbia of Massachusetts agreed to plead guilty in the United States District Court for the District of Massachusetts (the "Court") to violating the Natural Gas Pipeline Safety Act (the "Plea Agreement"), and the Company entered into a DPA.

Under the Plea Agreement, which must be approved by the Court, Columbia of Massachusetts will be subject to the following terms, among others: (i) a criminal fine in the amount of \$53,030,116 paid within 30 days of sentencing; (ii) a three year probationary period that will early terminate upon a sale of Columbia of Massachusetts or a sale of its gas distribution business to a qualified third-party buyer consistent with certain requirements; (iii) compliance with each of the NTSB recommendations stemming from the Greater Lawrence Incident; and (iv) employment of an in-house monitor during the term of the probationary period.

Under the DPA, the U.S. Attorney's Office agreed to defer prosecution of the Company in connection with the Greater Lawrence Incident for a three-year period (which three-year period may be extended for twelve (12) months upon the U.S. Attorney's Office's determination of a breach of the DPA) subject to certain obligations of the Company, including, but not limited to, the following: (i) the Company will use reasonable best efforts to sell Columbia of Massachusetts or Columbia of Massachusetts' gas distribution business to a qualified third-party buyer consistent with certain requirements, and, upon the completion of any such sale, the Company will cease and desist any and all gas pipeline and distribution activities in the District of Massachusetts; (ii) the Company will forfeit and pay, within 30 days of the later of the sale becoming final or the date on which post-closing adjustments to the purchase price are finally determined in accordance with the agreement to sell Columbia Gas of Massachusetts or its gas distribution business, a fine equal to the total amount of any profit or gain from any sale of Columbia of Massachusetts or its gas distribution business, with the amount of profit or gain determined as provided in the DPA; and (iii) the Company agrees as to each of the Company's subsidiaries involved in the distribution of gas through pipeline facilities in Massachusetts, Indiana, Ohio, Pennsylvania, Maryland, Kentucky and Virginia to implement and adhere to each of the recommendations from the NTSB stemming from the Greater Lawrence Incident. Pursuant to the DPA, if the Company complies with all of its obligations under the DPA, including, but not limited to those identified above, the U.S. Attorney's Office will not file any criminal charges against the Company related to the Greater Lawrence Incident. If Columbia of Massachusetts' guilty plea is not accepted by the Court or is withdrawn for any reason, or if Columbia of Massachusetts should fail to perform an obligation under the Plea Agreement prior to the sale of Columbia of Massachusetts or its gas distribution business, the U.S. Attorney's Office may, at its sole option, render the DPA null and void.

U.S. Congressional Activity. On September 30, 2019, the U.S. Pipeline Safety Act expired. There is no effect on PHMSA's authority. Action on past re-authorization bills has extended past the expiration date and action on this re-authorization is expected to continue well into 2020. Pipeline safety jurisdiction resides with the U.S. Senate Commerce Committee, and is divided between two committees in the U.S. House of Representatives (Energy and Commerce, and Transportation and Infrastructure). Legislative proposals are currently in various stages of committee development and the timing of further action is uncertain. Certain legislative proposals, if enacted into law, may increase costs for natural gas industry companies, including the Company and Columbia of Massachusetts.

SEC Investigation. On November 27, 2019, the SEC staff notified the Company that it concluded its investigation related to disclosures made by the Company prior to the Greater Lawrence Incident and, based on the information provided as of such date, it does not intend to recommend an enforcement action against the Company.

Private Actions. Various lawsuits, including several purported class action lawsuits, have been filed by various affected residents or businesses in Massachusetts state courts against the Company and/or Columbia of Massachusetts in connection with the Greater Lawrence Incident. A special judge has been appointed to hear all pending and future cases and the class actions have been consolidated into one class action. On January 14, 2019, the special judge granted the parties' joint motion to stay all cases until

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

April 30, 2019 to allow mediation, and the parties subsequently agreed to extend the stay until July 25, 2019. The class action lawsuits allege varying causes of action, including those for strict liability for ultra-hazardous activity, negligence, private nuisance, public nuisance, premises liability, trespass, breach of warranty, breach of contract, failure to warn, unjust enrichment, consumer protection act claims, negligent, reckless and intentional infliction of emotional distress and gross negligence, and seek actual compensatory damages, plus treble damages, and punitive damages.

On July 26, 2019, the Company, Columbia of Massachusetts and NiSource Corporate Services Company, a subsidiary of the Company, entered into a term sheet with the class action plaintiffs under which they agreed to settle the class action claims in connection with the Greater Lawrence Incident. Columbia of Massachusetts agreed to pay \$143 million into a settlement fund to compensate the settlement class and the settlement class agreed to release Columbia of Massachusetts and affiliates from all claims arising out of or related to the Greater Lawrence Incident. The following claims are not covered under the proposed settlement because they are not part of the consolidated class action: (1) physical bodily injury and wrongful death; (2) insurance subrogation, whether equitable, contractual or otherwise; and (3) claims arising out of appliances that are subject to the Massachusetts DPU orders. Emotional distress and similar claims are covered under the proposed settlement unless they are secondary to a physical bodily injury. The settlement class is defined under the term sheet as all persons and businesses in the three municipalities of Lawrence, Andover and North Andover, Massachusetts, subject to certain limited exceptions. The motion for preliminary approval and the settlement documents were filed on September 25, 2019. The preliminary approval court hearing was held on October 7, 2019 and the court issued an order granting preliminary approval of the settlement on October 11, 2019. The proposed settlement is subject to final court approval, and a hearing occurred on February 27, 2020. The court took the matter under advisement.

Many residents and business owners have submitted individual damage claims to Columbia of Massachusetts. Most of the wrongful death and bodily injury claims that have been asserted have been settled, and we continue to discuss potential settlements with plaintiffs asserting such claims. In addition, the Commonwealth of Massachusetts is seeking reimbursement from Columbia of Massachusetts for its expenses incurred in connection with the Greater Lawrence Incident. The outcomes and impacts of such private actions are uncertain at this time.

Financial Impact. Since the Greater Lawrence Incident, we have recorded expenses of approximately \$1,041 million for third-party claims and fines, penalties and settlements associated with government investigations. We estimate that total costs related to third-party claims and fines, penalties and settlements associated with government investigations resulting from the incident will range from \$1,041 million to \$1,065 million, depending on the number, nature, final outcome and value of third-party claims and the final outcome of government investigations. With regard to third-party claims, these costs include, but are not limited to, personal injury and property damage claims, damage to infrastructure, business interruption claims, and mutual aid payments to other utilities assisting with the restoration effort. These costs do not include costs of certain third-party claims and fines, penalties or settlements associated with government investigations that we are not able to estimate, nor do they include non-claims related and government investigation-related legal expenses resulting from the incident and the capital cost of the pipeline replacement, which are set forth in "- E. Other Matters - Greater Lawrence Incident Restoration" and "- Greater Lawrence Incident Pipeline Replacement," respectively, below.

The process for estimating costs associated with third-party claims and fines, penalties, and settlements associated with government investigations relating to the Greater Lawrence Incident requires management to exercise significant judgment based on a number of assumptions and subjective factors. As more information becomes known, including additional information regarding ongoing investigations, management's estimates and assumptions regarding the financial impact of the Greater Lawrence Incident may change.

The aggregate amount of third-party liability insurance coverage available for losses arising from the Greater Lawrence Incident is \$800 million. We have collected the entire \$800 million as of December 31, 2019. Total expenses related to the incident have exceeded the total amount of insurance coverage available under our policies. Refer to "- E. Other Matters - Greater Lawrence Incident Restoration," below for a summary of third-party claims-related expense activity and associated insurance recoveries recorded since the Greater Lawrence Incident.

We are also party to certain other claims, regulatory and legal proceedings arising in the ordinary course of business in each state in which we have operations, none of which is deemed to be individually material at this time.

Due to the inherent uncertainty of litigation, there can be no assurance that the resolution of any particular claim, proceeding or investigation related to the Greater Lawrence Incident or otherwise would not have a material adverse effect on our results of operations, financial position or liquidity. Certain matters in connection with the Greater Lawrence Incident have had or may have a material impact as described above. If one or more of such additional or other matters were decided against us, the effects could

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

be material to our results of operations in the period in which we would be required to record or adjust the related liability and could also be material to our cash flows in the periods that we would be required to pay such liability.

D. Environmental Matters. Our operations are subject to environmental statutes and regulations related to air quality, water quality, hazardous waste and solid waste. We believe that we are in substantial compliance with the environmental regulations currently applicable to our operations.

It is management's continued intent to address environmental issues in cooperation with regulatory authorities in such a manner as to achieve mutually acceptable compliance plans. However, there can be no assurance that fines and penalties will not be incurred. Management expects a significant portion of environmental assessment, improvement and remediation costs to be recoverable through rates for certain of our companies.

As of December 31, 2019 and 2018, we had recorded a liability of \$104.4 million and \$101.2 million, respectively, to cover environmental remediation at various sites. The current portion of this liability is included in "Legal and environmental" in the Consolidated Balance Sheets. The noncurrent portion is included in "Other noncurrent liabilities." We recognize costs associated with environmental remediation obligations when the incurrence of such costs is probable and the amounts can be reasonably estimated. The original estimates for remediation activities may differ materially from the amount ultimately expended. The actual future expenditures depend on many factors, including currently enacted laws and regulations, the nature and extent of impact and the method of remediation. These expenditures are not currently estimable at some sites. We periodically adjust our liability as information is collected and estimates become more refined.

Electric Operations' compliance estimates disclosed below are reflective of NIPSCO's Integrated Resource Plan submitted to the IURC on October 31, 2018. See section " - E. Other Matters - NIPSCO 2018 Integrated Resource Plan," below for additional information.

Air

Future legislative and regulatory programs could significantly limit allowed GHG emissions or impose a cost or tax on GHG emissions. Additionally, rules that require further GHG reductions or impose additional requirements for natural gas facilities could impose additional costs. NiSource will carefully monitor all GHG reduction proposals and regulations.

ACE Rule. On July 8, 2019, the EPA published the final ACE rule, which establishes emission guidelines for states to use when developing plans to limit carbon dioxide at coal-fired electric generating units based on heat rate improvement measures. The coal-fired units at NIPSCO's R.M. Schahfer Generating Station and Michigan City Generating Station are potentially affected sources, and compliance requirements for these units which NIPSCO plans to retire by 2023 and 2028, respectively, will be determined by future Indiana rulemaking. The ACE rule notes that states have "broad flexibility in setting standards of performance for designated facilities" and that a state may set a "business as usual" standard for sources that have a remaining useful life "so short that imposing any costs on the electric generating unit is unreasonable." State plans are due by 2022, and the EPA will have six months to determine completeness and then one additional year to determine whether to approve the submitted plan. States have the discretion to determine the compliance period for each source. As a result, NIPSCO will continue to monitor this matter and cannot estimate its impact at this time.

Waste

CERCLA. Our subsidiaries are potentially responsible parties at waste disposal sites under the CERCLA (commonly known as Superfund) and similar state laws. Under CERCLA, each potentially responsible party can be held jointly, severally and strictly liable for the remediation costs as the EPA, or state, can allow the parties to pay for remedial action or perform remedial action themselves and request reimbursement from the potentially responsible parties. Our affiliates have retained CERCLA environmental liabilities, including remediation liabilities, associated with certain current and former operations. These liabilities are not material to the Consolidated Financial Statements.

MGP. A program has been instituted to identify and investigate former MGP sites where Gas Distribution Operations subsidiaries or predecessors may have liability. The program has identified 63 such sites where liability is probable. Remedial actions at many of these sites are being overseen by state or federal environmental agencies through consent agreements or voluntary remediation agreements.

We utilize a probabilistic model to estimate our future remediation costs related to MGP sites. The model was prepared with the assistance of a third party and incorporates our experience and general industry experience with remediating MGP sites. We complete an annual refresh of the model in the second quarter of each fiscal year. No material changes to the estimated future remediation costs were noted as a result of the refresh completed as of June 30, 2019. Our total estimated liability related to the

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

facilities subject to remediation was \$102.2 million and \$97.5 million at December 31, 2019 and 2018, respectively. The liability represents our best estimate of the probable cost to remediate the facilities. We believe that it is reasonably possible that remediation costs could vary by as much as \$20 million in addition to the costs noted above. Remediation costs are estimated based on the best available information, applicable remediation standards at the balance sheet date, and experience with similar facilities.

CCRs. On April 17, 2015, the EPA issued a final rule for regulation of CCRs. The rule regulates CCRs under the RCRA Subtitle D, which determines them to be nonhazardous. The rule is implemented in phases and requires increased groundwater monitoring, reporting, recordkeeping and posting of related information to the Internet. The rule also establishes requirements related to CCR management and disposal. The rule will allow NIPSCO to continue its byproduct beneficial use program.

To comply with the rule, NIPSCO completed capital expenditures to modify its infrastructure and manage CCRs during 2019. The CCR rule also resulted in revisions to previously recorded legal obligations associated with the retirement of certain NIPSCO facilities. The actual asset retirement costs related to the CCR rule may vary substantially from the estimates used to record the increased asset retirement obligation due to the uncertainty about the requirements that will be established by environmental authorities, compliance strategies that will be used and the preliminary nature of available data used to estimate costs. As allowed by the rule, NIPSCO will continue to collect data over time to determine the specific compliance solutions and associated costs and, as a result, the actual costs may vary. NIPSCO has filed initial CCR closure plans for R.M. Schahfer Generating Station and Michigan City Generating Station with the Indiana Department of Environmental Management.

Water

ELG. On November 3, 2015, the EPA issued a final rule to amend the ELG and standards for the Steam Electric Power Generating category. Based upon a study performed in 2016 of the final rule, capital compliance costs were expected to be approximately \$170.0 million. The EPA has proposed revisions to the final rule, and public comments were due on January 21, 2020. NIPSCO does not anticipate material ELG compliance costs based on the preferred option announced as part of NIPSCO's 2018 Integrated Resource Plan (discussed below).

E. Other Matters.

NIPSCO 2018 Integrated Resource Plan. Multiple factors, but primarily economic ones, including low natural gas prices, advancing cost effective renewable technology and increasing capital and operating costs associated with existing coal plants, have led NIPSCO to conclude in its October 2018 Integrated Resource Plan submission that NIPSCO's current fleet of coal generation facilities will be retired earlier than previous Integrated Resource Plans had indicated.

The Integrated Resource Plan evaluated demand-side and supply-side resource alternatives to reliably and cost effectively meet NIPSCO customers' future energy requirements over the ensuing 20 years. The preferred option within the Integrated Resource Plan retires R.M. Schahfer Generating Station (Units 14, 15, 17, and 18) by 2023 and Michigan City Generating Station (Unit 12) by 2028. These units represent 2,080 MW of generating capacity, equal to 72% of NIPSCO's remaining generating capacity (and 100% of NIPSCO's remaining coal-fired generating capacity) after the retirement of Bailly Units 7 and 8 on May 31, 2018.

The current replacement plan includes renewable sources of energy, including wind, solar, and battery storage to be obtained through a combination of NIPSCO ownership and PPAs.

In January 2019, NIPSCO executed two 20 year PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. NIPSCO submitted the PPAs to the IURC for approval in February 2019 and the IURC approved the PPAs on June 5, 2019. Payments under the PPAs will not begin until the associated generation facilities are constructed by the owner / seller which is currently scheduled to be complete by the end of 2020 for one facility. NIPSCO has filed a notice with the IURC of its intention not to move forward with one of its approved PPAs due to the failure to meet a condition precedent in the agreement as a result of local zoning restrictions.

Also in January 2019, NIPSCO executed a BTA with a developer to construct a renewable generation facility with a nameplate capacity of approximately 100 MW. Once complete, ownership of the facility would be transferred to a joint venture owned by NIPSCO, the developer and an unrelated tax equity partner. The aforementioned joint venture is expected to be fully owned by NIPSCO after the PTC are monetized from the project (approximately 10 years after the facility goes into service). NIPSCO's purchase requirement under the BTA is dependent on satisfactory approval of the BTA by the IURC, successful execution of an agreement with a tax equity partner, and timely completion of construction. NIPSCO submitted the BTA to the IURC for approval in February 2019 and the IURC approved the BTA on August 7, 2019. Required FERC filings occurred after receiving the IURC order and the related approvals were received. Construction of the facility is expected to be completed by the end of 2020.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

On October 1, 2019, NIPSCO announced the opening of its next round of RFP to consider potential resources to meet the future electric needs of its customers. The RFP closed on November 20, 2019, and NIPSCO continues to evaluate the results. NIPSCO is considering all sources in the RFP process.

In October 2019, NIPSCO executed a BTA with a developer to construct an additional renewable generation facility with a nameplate capacity of approximately 300 MW. Once complete, ownership of the facility would be transferred to a joint venture owned by NIPSCO, the developer and an unrelated tax equity partner. The aforementioned joint venture is expected to be fully owned by NIPSCO after the PTC are monetized from the project (approximately 10 years after the facility goes into service). NIPSCO's purchase requirement under the BTA is dependent on satisfactory approval of the BTA by the IURC, successful execution of an agreement with a tax equity partner, and timely completion of construction. NIPSCO submitted the BTA to the IURC for approval on October 22, 2019, and the IURC approved the BTA on February 19, 2020. Required FERC filings are expected to be filed by the end of June 2020. Construction of the facility is expected to be completed by the end of 2021.

Greater Lawrence Incident Restoration. In addition to the amounts estimated for third-party claims and fines, penalties and settlements associated with government investigations described above, since the Greater Lawrence Incident, we have recorded expenses of approximately \$420 million for other incident-related costs. We estimate that total other incident-related costs will range from \$450 million to \$460 million, depending on the incurrence of costs associated with resolving outstanding inquiries and investigations discuss above in "- C. Legal Proceedings." Such costs include certain consulting costs, legal costs, vendor costs, claims center costs, labor and related expenses incurred in connection with the incident, and insurance-related loss surcharges. The amounts set forth above do not include the capital cost of the pipeline replacement, which is set forth below, or any estimates for fines and penalties, which are discussed above in "- C. Legal Proceedings."

As discussed in "- C. Legal Proceedings," the aggregate amount of third-party liability insurance coverage available for losses arising from the Greater Lawrence Incident is \$800 million. We have collected the entire \$800 million as of December 31, 2019. Expenses related to the incident have exceeded the total amount of insurance coverage available under our policies.

The following table summarizes expenses incurred and insurance recoveries recorded since the Greater Lawrence Incident. This activity is presented within "Operation and maintenance" and "Other, net" in our Statements of Consolidated Income (Loss).

<i>(in millions)</i>	Year Ended	Year Ended	Incident to Date
	December 31, 2018	December 31, 2019	
Third-party claims and government fines, penalties and settlements	\$ 757	\$ 284	\$ 1,041
Other incident-related costs	266	154	420
Total	1,023	438	1,461
Insurance recoveries recorded	(135)	(665)	(800)
Loss (benefit) to income before income taxes	\$ 888	\$ (227)	\$ 661

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

The following table presents activity related to our Greater Lawrence Incident insurance recovery, which we have recovered in full as of December 31, 2019.

<i>(in millions)</i>	Insurance receivable ⁽¹⁾
Balance, December 31, 2018	\$ 130
Insurance recoveries recorded in first quarter of 2019	100
Cash collected from insurance recoveries in the first quarter of 2019	(108)
Balance, March 31, 2019	122
Insurance recoveries recorded in the second quarter of 2019	435
Cash collected from insurance recoveries in the second quarter of 2019	(297)
Balance, June 30, 2019	\$ 260
Insurance recoveries recorded in third quarter of 2019	—
Cash collected from insurance recoveries in the third quarter of 2019	(260)
Balance, September 30, 2019	\$ —
Insurance recoveries recorded in the fourth quarter of 2019	130
Cash collected from insurance recoveries in the fourth quarter of 2019	(130)
Balance, December 31, 2019	\$ —

⁽¹⁾\$5 million of insurance recoveries were collected during 2018.

Greater Lawrence Pipeline Replacement. In connection with the Greater Lawrence Incident, Columbia of Massachusetts, in cooperation with the Massachusetts Governor's office, replaced the entire affected 45-mile cast iron and bare steel pipeline system that delivers gas to approximately 7,500 gas meters, the majority of which serve residences and approximately 700 of which serve businesses impacted in the Greater Lawrence Incident. This system was replaced with plastic distribution mains and service lines, as well as enhanced safety features such as pressure regulation and excess flow valves at each premise.

Since the Greater Lawrence Incident and through December 31, 2019, we have invested approximately \$258 million of capital spend for the pipeline replacement; this work was completed in 2019. We maintain property insurance for gas pipelines and other applicable property. Columbia of Massachusetts has filed a proof of loss with its property insurer for the full cost of the pipeline replacement. In January 2020, we filed a lawsuit against the property insurer, seeking payment of our property claim. We are currently unable to predict the timing or amount of any insurance recovery under the property policy. The recovery of any capital investment not reimbursed through insurance will be addressed in a future regulatory proceeding; a future regulatory proceeding is dependent on the outcome of the sale of the Massachusetts Business. The outcome of such a proceeding (if any) is uncertain. In accordance with ASC 980-360, if it becomes probable that a portion of the pipeline replacement cost will not be recoverable through customer rates and an amount can be reasonably estimated, we will reduce our regulated plant balance for the amount of the probable disallowance and record an associated charge to earnings. This could result in a material adverse effect to our financial condition, results of operations and cash flows. Additionally, if a rate order is received allowing recovery of the investment with no or reduced return on investment, a loss on disallowance may be required.

State Income Taxes Related to Greater Lawrence Incident Expenses. As of December 31, 2018, expenses related to the Greater Lawrence Incident were \$1,023 million. In the fourth quarter of 2019, we filed an application for Alternative Apportionment with the MA DOR to request an allocable approach to these expenses for purposes of Massachusetts state income taxes, which, if approved, would result in a state deferred tax asset of approximately \$50 million, net. The MA DOR is expected to review the application within nine months from the date of filing, and we believe it is reasonably possible that the application will be accepted, or an alternative method proposed.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

20. Accumulated Other Comprehensive Loss

The following table displays the activity of Accumulated Other Comprehensive Loss, net of tax:

<i>(in millions)</i>	Gains and Losses on Securities⁽¹⁾	Gains and Losses on Cash Flow Hedges⁽¹⁾	Pension and OPEB Items⁽¹⁾	Accumulated Other Comprehensive Loss⁽¹⁾
Balance as of January 1, 2017	\$ (0.6)	\$ (6.9)	\$ (17.6)	\$ (25.1)
Other comprehensive income (loss) before reclassifications	0.6	(24.2)	1.9	(21.7)
Amounts reclassified from accumulated other comprehensive loss	0.2	1.7	1.5	3.4
Net current-period other comprehensive income (loss)	0.8	(22.5)	3.4	(18.3)
Balance as of December 31, 2017	\$ 0.2	\$ (29.4)	\$ (14.2)	\$ (43.4)
Other comprehensive income (loss) before reclassifications	(3.0)	55.8	(4.4)	48.4
Amounts reclassified from accumulated other comprehensive loss	0.4	(33.1)	—	(32.7)
Net current-period other comprehensive income (loss)	(2.6)	22.7	(4.4)	15.7
Reclassification due to adoption of ASU 2018-02	—	(6.3)	(3.2)	(9.5)
Balance as of December 31, 2018	\$ (2.4)	\$ (13.0)	\$ (21.8)	\$ (37.2)
Other comprehensive income (loss) before reclassifications	6.1	(64.3)	2.3	(55.9)
Amounts reclassified from accumulated other comprehensive loss	(0.4)	0.1	0.8	0.5
Net current-period other comprehensive income (loss)	5.7	(64.2)	3.1	(55.4)
Balance as of December 31, 2019	\$ 3.3	\$ (77.2)	\$ (18.7)	\$ (92.6)

⁽¹⁾ All amounts are net of tax. Amounts in parentheses indicate debits.

21. Other, Net

Year Ended December 31, <i>(in millions)</i>	2019	2018	2017
Interest income	\$ 7.7	\$ 6.6	\$ 4.6
AFUDC equity	8.0	14.2	12.6
Charitable contributions ⁽¹⁾	(5.1)	(45.3)	(19.9)
Pension and other postretirement non-service cost ⁽²⁾	(16.5)	18.0	(10.6)
Interest rate swap settlement gain ⁽³⁾	—	46.2	—
Miscellaneous	0.7	3.8	(0.2)
Total Other, net	\$ (5.2)	\$ 43.5	\$ (13.5)

⁽¹⁾ 2018 charitable contributions include \$20.7 million related to the Greater Lawrence Incident and \$20.0 million of discretionary contributions made to the Nisource Charitable Foundation. See Note 19, "Other Commitments and Contingencies" for additional information on the Greater Lawrence Incident.

⁽²⁾ See Note 11, "Pension and Other Postretirement Benefits" for additional information.

⁽³⁾ See Note 9, "Risk Management Activities" for additional information.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

22. Interest Expense, Net

Year Ended December 31, <i>(in millions)</i>	2019	2018	2017
Interest on long-term debt	\$ 327.7	\$ 342.2	\$ 354.8
Interest on short-term borrowings	50.8	31.8	14.9
Debt discount/cost amortization	8.3	7.7	7.2
Accounts receivable securitization fees	2.6	2.6	2.5
Allowance for borrowed funds used and interest capitalized during construction	(7.5)	(9.1)	(6.2)
Debt-based post-in-service carrying charges	(18.7)	(35.0)	(36.4)
Other	15.7	13.1	16.4
Total Interest Expense, net	\$ 378.9	\$ 353.3	\$ 353.2

23. Segments of Business

At December 31, 2019, our operations are divided into two primary reportable segments. The Gas Distribution Operations segment provides natural gas service and transportation for residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, Maryland, Indiana and Massachusetts. The Electric Operations segment provides electric service in 20 counties in the northern part of Indiana.

The following table provides information about our reportable segments. We use operating income as our primary measurement for each of the reported segments and make decisions on finance, dividends and taxes at the corporate level on a consolidated basis. Segment revenues include intersegment sales to affiliated subsidiaries, which are eliminated in consolidation. Affiliated sales are recognized on the basis of prevailing market, regulated prices or at levels provided for under contractual agreements. Operating income is derived from revenues and expenses directly associated with each segment.

Year Ended December 31, <i>(in millions)</i>	2019	2018	2017
Operating Revenues			
Gas Distribution Operations			
Unaffiliated	\$ 3,509.7	\$ 3,406.4	\$ 3,087.9
Intersegment	13.1	13.1	14.2
Total	3,522.8	3,419.5	3,102.1
Electric Operations			
Unaffiliated	1,698.4	1,707.4	1,785.7
Intersegment	0.8	0.8	0.8
Total	1,699.2	1,708.2	1,786.5
Corporate and Other			
Unaffiliated	0.8	0.7	1.0
Intersegment	468.1	517.6	510.8
Total	468.9	518.3	511.8
Eliminations	(482.0)	(531.5)	(525.8)
Consolidated Operating Revenues	\$ 5,208.9	\$ 5,114.5	\$ 4,874.6

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

Year Ended December 31, (in millions)	2019	2018	2017
Operating Income (Loss)			
Gas Distribution Operations	\$ 675.4	\$ (254.1)	\$ 550.1
Electric Operations	406.8	386.1	367.4
Corporate and Other ⁽²⁾	(191.5)	(7.3)	3.7
Consolidated Operating Income	\$ 890.7	\$ 124.7	\$ 921.2
Depreciation and Amortization			
Gas Distribution Operations	\$ 403.2	\$ 301.0	\$ 269.3
Electric Operations	277.3	262.9	277.8
Corporate and Other	36.9	35.7	23.2
Consolidated Depreciation and Amortization	\$ 717.4	\$ 599.6	\$ 570.3
Assets			
Gas Distribution Operations	\$ 14,224.5	\$ 13,527.0	\$ 12,048.8
Electric Operations	6,027.6	5,735.2	5,478.6
Corporate and Other	2,407.7	2,541.8	2,434.3
Consolidated Assets	\$ 22,659.8	\$ 21,804.0	\$ 19,961.7
Capital Expenditures⁽¹⁾			
Gas Distribution Operations	\$ 1,380.3	\$ 1,315.3	\$ 1,125.6
Electric Operations	468.9	499.3	592.4
Corporate and Other	18.6	—	35.8
Consolidated Capital Expenditures	\$ 1,867.8	\$ 1,814.6	\$ 1,753.8

⁽¹⁾ Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures included in current liabilities and AFUDC Equity.

⁽²⁾ In 2019, Corporate and Other reflects an impairment charge of \$204.8 million for goodwill related to Columbia of Massachusetts. For additional information, see Note 6, "Goodwill and Other Intangible Assets."

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

24. Quarterly Financial Data (Unaudited)

Quarterly financial data does not always reveal the trend of our business operations due to nonrecurring items and seasonal weather patterns, which affect earnings and related components of revenue and operating income.

<i>(in millions, except per share data)</i>	First Quarter ⁽¹⁾	Second Quarter ⁽²⁾	Third Quarter ⁽³⁾	Fourth Quarter ⁽⁴⁾
2019				
Operating Revenues	\$ 1,869.8	\$ 1,010.4	\$ 931.5	\$ 1,397.2
Operating Income (Loss)	374.2	463.5	91.0	(38.0)
Net Income (Loss)	218.9	296.9	6.6	(139.3)
Preferred Dividends	(13.8)	(13.8)	(13.8)	(13.7)
Net Income (Loss) Available to Common Shareholders	205.1	283.1	(7.2)	(153.0)
Earnings (Loss) Per Share				
Basic Earnings (Loss) Per Share	\$ 0.55	\$ 0.76	\$ (0.02)	\$ (0.41)
Diluted Earnings (Loss) Per Share	\$ 0.55	\$ 0.75	\$ (0.02)	\$ (0.41)
2018				
Operating Revenues	\$ 1,750.8	\$ 1,007.0	\$ 895.0	\$ 1,461.7
Operating Income (Loss)	400.6	118.4	(315.9)	(78.4)
Net Income (Loss)	276.1	24.5	(339.5)	(11.7)
Preferred Dividends	—	(1.3)	(5.6)	(8.1)
Net Income (Loss) Available to Common Shareholders	276.1	23.2	(345.1)	(19.8)
Earnings (Loss) Per Share				
Basic Earnings (Loss) Per Share	\$ 0.82	\$ 0.07	\$ (0.95)	\$ (0.05)
Diluted Earnings (Loss) Per Share	\$ 0.81	\$ 0.07	\$ (0.95)	\$ (0.05)

⁽¹⁾ Net income for the first quarter of 2019 was impacted by \$108.0 million in insurance recoveries (pretax) related to the Greater Lawrence Incident. See Note 19-E, "Other Matters" for additional information.

⁽²⁾ Net income for the second quarter of 2019 was impacted by \$297.0 million in insurance recoveries (pretax) related to the Greater Lawrence Incident. See Note 19-E, "Other Matters" for additional information.

⁽³⁾ Net loss for the third quarter of 2018 was impacted by approximately \$462 million in expenses (pretax) related to the Greater Lawrence Incident restoration and a \$33.0 million loss (pretax) on an early extinguishment of long-term debt. See Note 19-E, "Other Matters" and Note 14, "Long-Term Debt" for additional information.

⁽⁴⁾ Net loss for the fourth quarter of 2019 was impacted by an impairment charge of \$204.8 million for goodwill and an impairment charge of \$209.7 million for franchise rights, in each case related to Columbia of Massachusetts. For additional information, see Note 6, "Goodwill and Other Intangible Assets."

25. Supplemental Cash Flow Information

The following table provides additional information regarding our Consolidated Statements of Cash Flows for the years ended December 31, 2019, 2018 and 2017:

Year Ended December 31, <i>(in millions)</i>	2019	2018	2017
Supplemental Disclosures of Cash Flow Information			
Non-cash transactions:			
Capital expenditures included in current liabilities	\$ 223.6	\$ 152.0	\$ 173.0
Assets acquired under a finance lease	26.4	54.6	11.5
Assets acquired under an operating lease	13.4	—	—
Reclassification of other property to regulatory assets ⁽¹⁾	—	245.3	—
Assets recorded for asset retirement obligations ⁽²⁾	54.6	78.1	11.4
Schedule of interest and income taxes paid:			
Cash paid for interest, net of interest capitalized amounts	\$ 349.7	\$ 354.2	\$ 339.9
Cash paid for income taxes, net of refunds	10.8	3.3	5.5

⁽¹⁾ See Note 8 "Regulatory Matters" for additional information.

⁽²⁾ See Note 7 "Asset Retirement Obligations" for additional information.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

26. Subsequent Event

On February 26, 2020, NiSource and Columbia of Massachusetts entered into the Asset Purchase Agreement with Eversource. Upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, NiSource and Columbia of Massachusetts agreed to sell to Eversource, with certain additions and exceptions: (1) substantially all of the assets of Columbia of Massachusetts and (2) all of the assets held by any of Columbia of Massachusetts' affiliates that primarily relate to the Massachusetts Business, and Eversource agreed to assume certain liabilities of Columbia of Massachusetts and its affiliates. The liabilities assumed by Eversource under the Asset Purchase Agreement do not include, among others, any liabilities arising out of the Greater Lawrence Incident or liabilities of Columbia of Massachusetts or its affiliates pursuant to civil claims for injury of persons or damage to property to the extent such injury or damage occurs prior to the closing in connection with the Massachusetts Business. The Asset Purchase Agreement provides for a purchase price of \$1,100 million in cash, subject to adjustment based on Columbia of Massachusetts' net working capital as of the closing. The closing of the transactions contemplated by the Asset Purchase Agreement is subject to Hart-Scott Rodino Antitrust Improvements Act of 1976 and regulatory approvals, resolution of certain proceedings before governmental bodies and other conditions. The Massachusetts Business did not meet the requirements under GAAP to be classified as held-for-sale as of December 31, 2019. When the Massachusetts Business meets the requirements to be classified as held-for-sale, in each period leading up to the closing date of the transaction, the assets and liabilities of the Massachusetts Business will be measured at fair value, less costs to sell. The final pre-tax gain or loss on the transaction will be determined as of the closing date. Assuming the Massachusetts Business is classified as held-for-sale at March 31, 2020, we estimate that the total pre-tax loss to be measured in the quarter ended March 31, 2020 will be approximately \$360 million, based on December 31, 2019 asset and liability balances and estimated transaction costs. This estimated pre-tax loss is subject to change based on estimated transaction costs, working capital adjustments and asset and liability balances at each measurement date leading up to the closing date. The sale is expected to close by September 30, 2020, subject to closing conditions.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)

NISOURCE INC.

SCHEDULE II – VALUATION AND QUALIFYING ACCOUNTS

Twelve months ended December 31, 2019

(\$ in millions)	Balance Jan. 1, 2019	Additions		Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2019
		Charged to Costs and Expenses	Charged to Other Account ⁽¹⁾		
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	\$ 21.1	\$ 21.6	\$ 41.3	\$ 64.8	\$ 19.2
Reserve for other investments	3.0	—	—	—	3.0

Twelve months ended December 31, 2018

(\$ in millions)	Balance Jan. 1, 2018	Additions		Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2018
		Charged to Costs and Expenses	Charged to Other Account ⁽¹⁾		
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	\$ 18.3	\$ 20.2	\$ 43.7	\$ 61.1	\$ 21.1
Reserve for other investments	3.0	—	—	—	3.0

Twelve months ended December 31, 2017

(\$ in millions)	Balance Jan. 1, 2017	Additions		Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2017
		Charged to Costs and Expenses	Charged to Other Account ⁽¹⁾		
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	\$ 23.3	\$ 14.8	\$ 39.1	\$ 58.9	\$ 18.3
Reserve for other investments	3.0	—	—	—	3.0

⁽¹⁾ Charged to Other Accounts reflects the deferral of bad debt expense to a regulatory asset.

NI SOURCE INC.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Our chief executive officer and chief financial officer are responsible for evaluating the effectiveness of disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)). Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by the Company in reports that are filed or submitted under the Exchange Act are accumulated and communicated to management, including our chief executive officer and chief financial officer, as appropriate, to allow timely decisions regarding required disclosure and is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Based upon that evaluation, our chief executive officer and chief financial officer concluded that, as of the end of the period covered by this report, disclosure controls and procedures were effective to provide reasonable assurance that financial information was processed, recorded and reported accurately.

Management's Annual Report on Internal Control over Financial Reporting

Our management, including our chief executive officer and chief financial officer, are responsible for establishing and maintaining internal control over financial reporting, as such term is defined under Rule 13a-15(f) or Rule 15d-15(f) promulgated under the Exchange Act. However, management would note that a control system can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Our management has adopted the 2013 framework set forth in the Committee of Sponsoring Organizations of the Treadway Commission report, Internal Control - Integrated Framework, the most commonly used and understood framework for evaluating internal control over financial reporting, as its framework for evaluating the reliability and effectiveness of internal control over financial reporting. During 2019, we conducted an evaluation of our internal control over financial reporting. Based on this evaluation, management concluded that our internal control over financial reporting was effective as of the end of the period covered by this annual report.

Deloitte & Touche LLP, our independent registered public accounting firm, issued an attestation report on our internal controls over financial reporting which is included herein.

Changes in Internal Controls

There have been no changes in our internal control over financial reporting during the most recently completed quarter covered by this report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

ITEM 9A. CONTROLS AND PROCEDURES

NiSource Inc.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the stockholders and the Board of Directors of NiSource Inc.

Opinion on Internal Control over Financial Reporting

We have audited the internal control over financial reporting of NiSource Inc. and subsidiaries (the “Company”) as of December 31, 2019, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by COSO.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated financial statements as of and for the year ended December 31, 2019, of the Company and our report dated February 27, 2020, expressed an unqualified opinion on those financial statements.

Basis for Opinion

The Company’s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management’s Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company’s internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control over Financial Reporting

A company’s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company’s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company’s assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ DELOITTE & TOUCHE LLP
Columbus, Ohio
February 27, 2020

ITEM 9B. OTHER INFORMATION

NI SOURCE INC.

Not applicable.

NI SOURCE INC.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Except for the information required by this item with respect to our executive officers included at the end of Part I of this report on Form 10-K, the information required by this Item 10 is incorporated herein by reference to the discussion in "Proposal 1 Election of Directors," and "Corporate Governance" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 19, 2020.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Item 11 is incorporated herein by reference to the discussion in "Corporate Governance - Compensation Committee Interlocks and Insider Participation," "Director Compensation," "Executive Compensation," and "Executive Compensation - Compensation Committee Report," of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 19, 2020.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this Item 12 is incorporated herein by reference to the discussion in "Security Ownership of Certain Beneficial Owners and Management" and "Equity Compensation Plan Information" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 19, 2020.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this Item 13 is incorporated herein by reference to the discussion in "Corporate Governance - Policies and Procedures with Respect to Transactions with Related Persons" and "Corporate Governance - Director Independence" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 19, 2020.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The information required by this Item 14 is incorporated herein by reference to the discussion in "Independent Auditor Fees" of the Proxy Statement for the Annual Meeting of Stockholders to be held on May 19, 2020.

PART IV

NiSOURCE INC.

ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES

Financial Statements and Financial Statement Schedules

The following financial statements and financial statement schedules filed as a part of the Annual Report on Form 10-K are included in Item 8, "Financial Statements and Supplementary Data."

	Page
<u>Report of Independent Registered Public Accounting Firm</u>	<u>51</u>
<u>Statements of Consolidated Income (Loss)</u>	<u>54</u>
<u>Statements of Consolidated Comprehensive Income (Loss)</u>	<u>55</u>
<u>Consolidated Balance Sheets</u>	<u>56</u>
<u>Statements of Consolidated Cash Flows</u>	<u>58</u>
<u>Statements of Consolidated Stockholders' Equity</u>	<u>59</u>
<u>Notes to Consolidated Financial Statements</u>	<u>61</u>
<u>Schedule II</u>	<u>124</u>

Exhibits

The exhibits filed herewith as a part of this report on Form 10-K are listed on the Exhibit Index below. Each management contract or compensatory plan or arrangement of ours, listed on the Exhibit Index, is separately identified by an asterisk.

Pursuant to Item 601(b), paragraph (4)(iii)(A) of Regulation S-K, certain instruments representing long-term debt of our subsidiaries have not been included as Exhibits because such debt does not exceed 10% of the total assets of ours and our subsidiaries on a consolidated basis. We agree to furnish a copy of any such instrument to the SEC upon request.

EXHIBIT NUMBER	DESCRIPTION OF ITEM
(1.1)	Form of Equity Distribution Agreement (incorporated by reference to <u>Exhibit 1.1 to the NiSource Inc. Form 8-K</u> filed on November 1, 2018).
(1.2)	Form of Master Forward Sale Confirmation (incorporated by reference to <u>Exhibit 1.2 to the NiSource Inc. Form 8-K</u> filed on November 1, 2018).
(2.1)	Separation and Distribution Agreement, dated as of June 30, 2015, by and between NiSource Inc. and Columbia Pipeline Group, Inc. (incorporated by reference to <u>Exhibit 2.1 to the NiSource Inc. Form 8-K</u> filed on July 2, 2015).
(2.2)	Asset Purchase Agreement, dated as of February 26, 2020, by and among NiSource Inc., Bay State Gas Company d/b/a Columbia Gas of Massachusetts and Eversource Energy (incorporated by reference to <u>Exhibit 2.1 of the NiSource Inc. Form 8-K</u> filed on February 27, 2020).***
(3.1)	Amended and Restated Certificate of Incorporation (incorporated by reference to <u>Exhibit 3.1 to the Registrant's Form 10-Q</u> , filed with the Commission on August 3, 2015).
(3.2)	Certificate of Amendment of Amended and Restated Certificate of Incorporation of NiSource dated May 7, 2019 (incorporated by reference to <u>Exhibit 3.1 of the NiSource Inc. Form 8-K</u> filed on May 8, 2019).
(3.3)	Bylaws of NiSource Inc., as amended and restated through January 26, 2018 (incorporated by reference to <u>Exhibit 3.1 to the NiSource Inc. Form 8-K</u> filed on January 26, 2018).
(3.4)	Certificate of Designations of 5.65% Series A Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to <u>Exhibit 3.1 of the NiSource Inc. Form 8-K</u> filed on June 12, 2018).
(3.5)	Form of Certificate of Designations of 6.50% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to <u>Exhibit 3.1 of the NiSource Inc. Form 8-K</u> filed on November 29, 2018).
(3.6)	Certificate of Designations of 6.50% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to <u>Exhibit 3.1 of the NiSource Inc. Form 8-K</u> filed on December 6, 2018).

- (3.7) Certificate of Designations of Series B-1 Preferred Stock (incorporated by reference to Exhibit 3.1 to the NiSource Inc. Form 8-K filed on December 27, 2018).
- (4.1) Indenture, dated as of March 1, 1988, by and between Northern Indiana Public Service Company ("NIPSCO") and Manufacturers Hanover Trust Company, as Trustee (incorporated by reference to Exhibit 4 to the NIPSCO Registration Statement (Registration No. 33-44193)).
- (4.2) First Supplemental Indenture, dated as of December 1, 1991, by and between Northern Indiana Public Service Company and Manufacturers Hanover Trust Company, as Trustee (incorporated by reference to Exhibit 4.1 to the NIPSCO Registration Statement (Registration No. 33-63870)).
- (4.3) Indenture Agreement, dated as of February 14, 1997, by and between NIPSCO Industries, Inc., NIPSCO Capital Markets, Inc. and Chase Manhattan Bank as trustee (incorporated by reference to Exhibit 4.1 to the NIPSCO Industries, Inc. Registration Statement (Registration No. 333-22347)).
- (4.4) Second Supplemental Indenture, dated as of November 1, 2000, by and among NiSource Capital Markets, Inc., NiSource Inc., New NiSource Inc., and The Chase Manhattan Bank, as trustee (incorporated by reference to Exhibit 4.45 to the NiSource Inc. Form 10-K for the period ended December 31, 2000).
- (4.5) Indenture, dated November 14, 2000, among NiSource Finance Corp., NiSource Inc., as guarantor, and The Chase Manhattan Bank, as Trustee (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form S-3, dated November 17, 2000 (Registration No. 333-49330)).
- (4.6) Form of 3.490% Notes due 2027 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on May 17, 2017).
- (4.7) Form of 4.375% Notes due 2047 (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on May 17, 2017).
- (4.8) Form of 3.950% Notes due 2048 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on September 8, 2017).
- (4.9) Form of 2.650% Notes due 2022 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on November 14, 2017).
- (4.10) Second Supplemental Indenture, dated as of November 30, 2017, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.4 to Post-Effective Amendment No. 1 to Form S-3 filed November 30, 2017 (Registration No. 333-214360)).
- (4.11) Third Supplemental Indenture, dated as of November 30, 2017, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on December 1, 2017).
- (4.12) Second Supplemental Indenture, dated as of February 12, 2018, between Northern Indiana Public Service Company and The Bank of New York Mellon, solely as successor trustee under the Indenture dated as of March 1, 1988 between the Company and Manufacturers Hanover Trust Company, as original trustee. (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 10-Q filed on May 2, 2018).
- (4.13) Third Supplemental Indenture, dated as of June 11, 2018, by and between NiSource Inc. and The Bank of New York Mellon, as trustee (including form of 3.650% Notes due 2023) (incorporated by reference to Exhibit 4.1 of the NiSource Inc. Form 8-K filed on June 12, 2018).
- (4.14) Deposit Agreement, dated as of December 5, 2018, among NiSource, Inc., Computershare Inc. and Computershare Trust Company, N.A., acting jointly as depositary, and the holders from time to time of the depositary receipts described therein (incorporated by reference to Exhibit 4.1 of the NiSource Inc. Form 8-K filed on December 6, 2018).
- (4.15) Form of Depositary Receipt (incorporated by reference to Exhibit 4.1 of the NiSource Inc. Form 8-K filed on December 6, 2018).
- (4.16) Amended and Restated Deposit Agreement, dated as of December 27, 2018, among NiSource, Inc., Computershare Inc. and Computershare Trust Company, N.A., acting jointly as depositary, and the holders from time to time of the depositary receipts described therein (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on December 27, 2018).
- (4.17) Form of Depositary Receipt (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on December 27, 2018).
- (4.18) Form of 2.950% Notes due 2029 (incorporated by reference to Exhibit 4.1 to NiSource Inc. Form 8-K filed on August 12, 2019).

- (4.19) Amended and Restated NiSource Inc. Employee Stock Purchase Plan (incorporated by reference to Exhibit C to the Registrant’s Definitive Proxy Statement on Schedule 14A, filed with the Commission on April 1, 2019).
- (4.20) Description of NiSource Inc.’s Securities Registered Under Section 12 of the Exchange Act. **
- (10.1) 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit B to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting held on May 11, 2010, filed on April 2, 2010).*
- (10.2) First Amendment to the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.2 to the NiSource Inc. Form 10-K filed on February 18, 2014).*
- (10.3) 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit C to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting held on May 12, 2015, filed on April 7, 2015).*
- (10.4) Second Amendment to the NiSource Inc. 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed October 23, 2015).*
- (10.5) Form of Amended and Restated 2013 Performance Share Agreement effective on implementation of the spin-off on July 1, 2015, (under the 2010 Omnibus Incentive Plan)(incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 10-Q filed on November 3, 2015).*
- (10.6) Form of Amended and Restated 2014 Performance Share Agreement effective on the implementation of the spin-off on July 1, 2015, (under the 2010 Omnibus Incentive Plan)(incorporated by reference to Exhibit 10.2 to the NiSource Inc. Form 10-Q filed on November 3, 2015).*
- (10.7) Form of Amendment to Restricted Stock Unit Award Agreement related to Vested but Unpaid NiSource Restricted Stock Unit Awards for Nonemployee Directors of NiSource entered into as of July 13, 2015 (incorporated by reference to Exhibit 10.3 to the NiSource Inc. Form 10-Q filed on November 3, 2015).*
- (10.8) NiSource Inc. Nonemployee Director Retirement Plan, as amended and restated effective May 13, 2008 (incorporated by reference to Exhibit 10.2 to the NiSource Inc. Form 10-K filed on February 27, 2009).*
- (10.9) Supplemental Life Insurance Plan effective January 1, 1991, as amended, (incorporated by reference to Exhibit 2 to the NIPSCO Industries, Inc. Form 8-K filed on March 25, 1992).*
- (10.10) Revised Form of Change in Control and Termination Agreement (incorporated by reference to Exhibit 10.2 to the NiSource Inc. Form 8-K filed on October 23, 2015).*
- (10.11) Form of Restricted Stock Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.18 to the NiSource Inc. Form 10-K filed on February 28, 2011).*
- (10.12) Form of Restricted Stock Unit Award Agreement for Non-employee directors under the Non-employee Director Stock Incentive Plan (incorporated by reference to Exhibit 10.19 to the NiSource Inc. Form 10-K filed on February 28, 2011).*
- (10.13) Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.1 to NiSource Inc. Form 10-Q filed on August 2, 2011).*
- (10.14) Form of Restricted Stock Unit Award Agreement under the 2010 Omnibus Incentive Plan.* (incorporated by reference to Exhibit 10.17 to the NiSource Inc. Form 10-K filed on February 22, 2017)
- (10.15) Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2010 Omnibus Incentive Plan. (incorporated by reference to Exhibit 10.18 to the NiSource Inc. Form 10-K filed on February 22, 2017) *
- (10.16) Amended and Restated NiSource Inc. Executive Deferred Compensation Plan effective November 1, 2012 (incorporated by reference to Exhibit 10.21 to the NiSource Inc. Form 10-K filed on February 19, 2013).*
- (10.17) NiSource Inc. Executive Severance Policy, as amended and restated, effective January 1, 2015 (incorporated by reference to Exhibit 10.21 to the NiSource Inc. Form 10-K filed on February 18, 2015).*
- (10.18) Note Purchase Agreement, dated as of August 23, 2005, by and among NiSource Finance Corp., as issuer, NiSource Inc., as guarantor, and the purchasers named therein (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Current Report on Form 8-K filed on August 26, 2005).
- (10.19) Amendment No. 1, dated as of November 10, 2008, to the Note Purchase Agreement by and among NiSource Finance Corp., as issuer, NiSource Inc., as guarantor, and the purchasers whose names appear on the signature page thereto (incorporated by reference to Exhibit 10.30 to the NiSource Inc. Form 10-K filed on February 27, 2009).

- (10.20) Letter Agreement, dated as of March 17, 2015, by and between NiSource Inc. and Donald Brown. (incorporated by reference Exhibit 10.1 to the NiSource Inc. Form 10-Q filed on April 30, 2015).*
- (10.21) Letter Agreement, dated as of February 23, 2016, by and between NiSource Inc. and Pablo A. Vegas. (incorporated by reference Exhibit 10.29 to the NiSource Inc. Form 10-K filed on February 22, 2017).*
- (10.22) Employee Matters Agreement, dated as of June 30, 2015, by and between NiSource Inc. and Columbia Pipeline Group, Inc. (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 8-K filed on July 2, 2015).
- (10.23) Form of Change in Control and Termination Agreement (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 10-Q filed on August 2, 2017).
- (10.24) Form of Performance Share Award Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.33 to the NiSource Form 10-K filed on February 20, 2018).*
- (10.25) Form of Restricted Stock Unit Award Agreement under the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.34 to the NiSource Form 10-K filed on February 20, 2018).*
- (10.26) Common Stock Subscription Agreement, dated as of May 2, 2018, by and among NiSource Inc. and the purchasers named therein (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on May 2, 2018).
- (10.27) Registration Rights Agreement, dated as of May 2, 2018, by and among NiSource Inc. and the purchasers named therein (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 8-K filed on May 2, 2018).
- (10.28) Purchase Agreement, dated as of June 6, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 5.650% Series A Preferred Stock (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on June 12, 2018).
- (10.29) Purchase Agreement, dated as of June 6, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 3.650% Notes due 2023 (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 8-K filed on June 12, 2018).
- (10.30) Registration Rights Agreement, dated as of June 11, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 5.650% Series A Preferred Stock (incorporated by reference to Exhibit 10.3 of the NiSource Inc. Form 8-K filed on June 12, 2018).
- (10.31) Registration Rights Agreement, dated as of June 11, 2018, by and among NiSource Inc. and Credit Suisse Securities (USA) LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC and MUFG Securities Americas Inc., as representatives, relating to the 3.650% Notes due 2023 (incorporated by reference to Exhibit 10.4 of the NiSource Inc. Form 8-K filed on June 12, 2018).
- (10.32) Amended and Restated NiSource Inc. Supplemental Executive Retirement Plan effective August 10, 2017 (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 10-Q filed on November 1, 2018).
- (10.33) Amended and Restated Pension Restoration Plan for NiSource Inc. and Affiliates effective August 10, 2017 (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 10-Q filed on November 1, 2018).
- (10.34) Amended Restated Savings Restoration Plan for NiSource Inc. and Affiliates effective August 10, 2017 (incorporated by reference to Exhibit 10.3 of the NiSource Inc. Form 10-Q filed on November 1, 2018).
- (10.35) Form of 2019 Performance Share Award Agreement under the 2010 Omnibus Incentive Plan. (incorporated by reference to Exhibit 10.45 of the NiSource Inc. Form 10-K filed on February 20, 2019).
- (10.36) Fifth Amended and Restated Revolving Credit Agreement, dated as of February 20, 2019, among NiSource Inc., as Borrower, the Lenders party thereto, Barclays Bank PLC, as Administrative Agent, Citibank, N.A. and MUFG Bank, Ltd., as Co-Syndication Agents, Credit Suisse AG, Cayman Islands Branch, JPMorgan Chase Bank, N.A. and Wells Fargo Bank, National Association, as Co-Documentation Agents, and Barclays Bank PLC, Citibank, N.A., MUFG Bank, Ltd., Credit Suisse Loan Funding LLC, JPMorgan Chase Bank, N.A. and Wells Fargo Securities, LLC, as Joint Lead Arrangers and Joint Bookrunners (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on February 20, 2019).
- (10.37) Amended and Restated NiSource Inc. Employee Stock Purchase Plan adopted as of February 1, 2019 (incorporated by reference to Exhibit C to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting to be held on May 7, 2019, filed on April 1, 2019).

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- (10.38) Amended and Restated Term Loan Agreement, dated as of April 17, 2019, among NiSource Inc., as Borrower, the Lenders party thereto, and MUFG Bank Ltd., as Administrative Agent and Sole Lead Arranger and Sole Bookrunner (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on April 17, 2019).
- (10.39) Form of Performance Share Award Agreement* **
- (10.40) Form of Restricted Stock Unit Award Agreement* **
- (10.41) Form of Cash-Based Award Agreement* **
- (10.42) Columbia Gas of Massachusetts Plea Agreement dated February 26, 2020 (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 8-K filed on February 27, 2020).
- (10.43) NiSource Deferred Prosecution Agreement dated February 26, 2020 (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on February 27, 2020).
- (21) List of Subsidiaries.**
- (23) Consent of Deloitte & Touche LLP.**
- (31.1) Certification of Chief Executive Officer, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.**
- (31.2) Certification of Chief Financial Officer, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.**
- (32.1) Certification of Chief Executive Officer, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (furnished herewith).**
- (32.2) Certification of Chief Financial Officer, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (furnished herewith).**
- (101.INS) Inline XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. **
- (101.SCH) Inline XBRL Schema Document.**
- (101.CAL) Inline XBRL Calculation Linkbase Document.**
- (101.LAB) Inline XBRL Labels Linkbase Document.**
- (101.PRE) Inline XBRL Presentation Linkbase Document.**
- (101.DEF) Inline XBRL Definition Linkbase Document.**
- (104) Cover page Interactive Data File (formatted as inline XBRL, and contained in Exhibit 101.)

* Management contract or compensatory plan or arrangement of NiSource Inc.

** Exhibit filed herewith.

*** Schedules and exhibits have been omitted pursuant to Item 601(b)(2) of Regulation S-K. NiSource agrees to furnish supplementally a copy of any omitted schedules or exhibits to the SEC upon request.

References made to NIPSCO filings can be found at Commission File Number 001-04125. References made to NiSource Inc. filings made prior to November 1, 2000 can be found at Commission File Number 001-09779.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

	<u>NiSource Inc.</u>
	(Registrant)
Date: <u>February 27, 2020</u>	By: <u>/s/ JOSEPH HAMROCK</u>
	Joseph Hamrock
	President, Chief Executive Officer and Director
	(Principal Executive Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

<u>/s/ JOSEPH HAMROCK</u>	President, Chief	Date: <u>February 27, 2020</u>
Joseph Hamrock	Executive Officer and Director	
	(Principal Executive Officer)	
<u>/s/ DONALD E. BROWN</u>	Executive Vice President and	Date: <u>February 27, 2020</u>
Donald E. Brown	Chief Financial Officer	
	(Principal Financial Officer)	
<u>/s/ JOSEPH W. MULPAS</u>	Vice President and	Date: <u>February 27, 2020</u>
Joseph W. Mulpas	Chief Accounting Officer	
	(Principal Accounting Officer)	
<u>/s/ KEVIN T. KABAT</u>	Chairman and Director	Date: <u>February 27, 2020</u>
Kevin T. Kabat		
<u>/s/ PETER A. ALTABEF</u>	Director	Date: <u>February 27, 2020</u>
Peter A. Altabef		
<u>/s/ THEODORE H. BUNTING, JR.</u>	Director	Date: <u>February 27, 2020</u>
Theodore H. Bunting, Jr.		
<u>/s/ ERIC L. BUTLER</u>	Director	Date: <u>February 27, 2020</u>
Eric L. Butler		
<u>/s/ ARISTIDES S. CANDRIS</u>	Director	Date: <u>February 27, 2020</u>
Aristides S. Candris		
<u>/s/ WAYNE S. DEVEYDT</u>	Director	Date: <u>February 27, 2020</u>
Wayne S. DeVeydt		
<u>/s/ DEBORAH A. HENRETTA</u>	Director	Date: <u>February 27, 2020</u>
Deborah A. Henretta		
<u>/s/ DEBORAH A.P. HERSMAN</u>	Director	Date: <u>February 27, 2020</u>
Deborah A. P. Hersman		
<u>/s/ MICHAEL E. JESANIS</u>	Director	Date: <u>February 27, 2020</u>
Michael E. Jesanis		
<u>/s/ CAROLYN Y. WOO</u>	Director	Date: <u>February 27, 2020</u>
Carolyn Y. Woo		

STOCKHOLDER INFORMATION

Forward-Looking Statements

This document contains "forward-looking statements" within the meaning of federal securities laws. Investors and prospective investors should understand that many factors govern whether any forward-looking statement contained herein will be or can be realized. Any one of those factors could cause actual results to differ materially from those projected. Examples of forward-looking statements in this press release include, but are not limited to, statements and expectations regarding NiSource's or any of its subsidiaries' plans, strategies, objectives, expected performance, expenditures, recovery of expenditures through rates, stated on either a consolidated or segment basis, and any and all underlying assumptions and other statements that are other than statements of historical fact. All forward-looking statements are based on assumptions that management believes to be reasonable; however, there can be no assurance that actual results will not differ materially. Factors that could cause actual results to differ materially from the projections, forecasts, estimates, and expectations discussed in this press release include, among other things, NiSource's debt obligations; any changes in NiSource's credit rating or the credit rating of certain of NiSource's subsidiaries; NiSource's ability to execute its growth strategy; changes in general economic, capital and commodity market conditions; pension funding obligations; economic regulation and the impact of regulatory rate reviews; NiSource's ability to obtain expected financial or regulatory outcomes; NiSource's ability to adapt to, and manage costs related to, advances in technology; any changes in our assumptions regarding the financial implications of the Greater Lawrence Incident; compliance with the agreements entered into with the U.S. Attorney's Office for the District of Massachusetts to settle the U.S. Attorney's Office investigation relating to the Greater Lawrence Incident; the pending sale of the Columbia Gas of Massachusetts business, including the terms and closing conditions under the asset purchase agreement; potential incidents and other operating risks associated with our business; our ability to obtain sufficient insurance coverage; the outcome of legal and regulatory proceedings, investigations, incidents, claims and litigation; any damage to NiSource's reputation, including in connection with the Greater Lawrence Incident; compliance with environmental laws and the costs of associated liabilities; fluctuations in demand from residential and commercial customers; economic conditions of certain industries; the success of NIPSCO's electric generation strategy; the price of energy commodities and related transportation costs; the reliability of customers and suppliers to fulfill their payment and contractual obligations; potential impairments of goodwill or definite-lived intangible assets; changes in taxation and accounting principles; the impact of an aging infrastructure; the impact of climate change; potential cyber-attacks; construction risks and natural gas costs and supply risks; extreme weather conditions; the attraction and retention of a qualified work force; the ability of NiSource's subsidiaries to generate cash; NiSource's ability to manage new initiatives and organizational changes; the performance of third-party suppliers and service providers; changes in the method for determining LIBOR and the potential replacement of the LIBOR benchmark interest rate; and other matters set forth in Item 1A, "Risk Factors" section of NiSource's Annual Report on Form 10-K for the fiscal year ended December 31, 2019, and in other filings with the Securities and Exchange Commission. A credit rating is not a recommendation to buy, sell or hold securities, and may be subject to revision or withdrawal at any time by the assigning rating organization. In addition, dividends are subject to board approval. All forward-looking statements are expressly qualified in their entirety by the foregoing cautionary statements. NiSource expressly disclaims any duty to update, supplement or amend any of its forward-looking statements contained in this press release, whether as a result of new information, subsequent events or otherwise, except as required by applicable law.

Regulation G Disclosure Statement

This document includes financial results and guidance for NiSource with respect to net operating earnings available to common shareholders, which is a non-GAAP financial measure as defined by the SEC's Regulation G. The company includes this measure because management believes it permits investors to view the company's performance using the same tools that management uses and to better evaluate the company's ongoing business performance. With respect to such guidance, it should be noted that there will likely be a difference between this measure and its GAAP equivalent due to various factors, including, but not limited to, fluctuations in weather, the impact of asset sales and impairments, and other items included in GAAP results. The company is not able to estimate the impact of such factors on GAAP earnings and, as such, is not providing earnings guidance on a GAAP basis.

Investor Relations

(614) 460-4638

Media Relations

(614) 460-5544

media@nisource.com

Anticipated Dividend Record and Payment Dates (NiSource common stock)

Record Date	Payment Date
02/11/20	02/20/20
04/30/20	05/20/20
07/31/20	08/20/20
10/30/20	11/20/20
02/09/21	02/19/21

Common Stock Dividend Declared

On February 20, 2020, the company paid a quarterly dividend of \$0.21 per share to stockholders of record as of the close of business on February 11, 2020, equivalent to \$0.84 per share on an annual basis. Dividends are subject to board approval.

Stockholder Services

Questions about stockholder accounts, stock certificates, transfer of shares, dividend payments, automatic dividend reinvestment and stock purchase plan, and electronic deposit may be directed to Computershare at the following:

Computershare

c/o Shareholder Services
P.O. Box 505000
Louisville, Kentucky 40233
(888) 884-7790

- TDD for Hearing Impaired: (800) 231-5469
- Foreign Stockholders: (201) 680-6578
- TDD Foreign Stockholders: (201) 680-6610
- Computershare.com/investor

Investor and Financial Information

Financial analysts and investment professionals should direct written and telephone inquiries to NiSource Investor Relations, 801 East 86th Avenue, Merrillville, Indiana 46410 or (614) 460-4638. Copies of NiSource's financial reports are available at NiSource.com, or by writing or calling the Investor Relations department at the address or phone number listed above.

Stock Listing

NiSource Inc. common stock is listed on the New York Stock Exchange under the ticker symbol "NI."

Annual Meeting

The 2020 Annual Meeting of Shareholders will be held at 10:00 a.m., Central Time, on Tuesday, May 19, 2020, at The Rose Hotel Chicago O'Hare, 5200 Pearl Street, Rosemont, Illinois 60018. All shareholders of record, as of March 24, 2020, are invited to attend. A formal notice of meeting, proxy statement and proxy have been mailed or made available electronically to shareholders of record.

Independent Registered Public Accounting Firm

Deloitte & Touche

Sustainability

While addressed in the 2019 Integrated Annual Report, additional details on sustainability and environmental, social and governance (ESG) issues and related policies can be found under the Sustainability tab at www.nisource.com.

Board of Directors

Communications with the Board of Directors may be made generally, to any director individually, to the non-management directors as a group or the lead director of the non-management group by writing to the following address:

NiSource Inc.

Attention: Board of Directors or any Board Member or non-management directors or Chairman
c/o Corporate Secretary
801 East 86th Avenue
Merrillville, Indiana 46410

Corporate Governance

At www.nisource.com, shareholders can view the company's corporate governance guidelines, code of business conduct, political spending policy and charters of all board-level committees. Copies of these documents are available to shareholders without charge upon written request to Corporate Secretary at the above address.

COMPANY LOCATIONS

Corporate Headquarters

NiSource Inc.
801 E. 86th Avenue
Merrillville, Indiana 46410
(219) 647-5990

NiSource Corporate Services

240 W. Nationwide Boulevard
Columbus, Ohio 43215
(614) 460-6000

Columbia Gas of Kentucky

2001 Mercer Road
Lexington, Kentucky 40511
Emergency: (800) 432-9515
Customer Care: (800) 432-9345
ColumbiaGasKY.com

Columbia Gas of Maryland

121 Champion Way
Canonsburg, Pennsylvania 15317
Emergency: (888) 460-4332
Customer Care: (888) 460-4332
ColumbiaGasMD.com

Columbia Gas of Massachusetts

4 Technology Drive
Westborough, Massachusetts 01581
Emergency: (800) 525-8222
Customer Care: (800) 688-6160
ColumbiaGasMA.com

Columbia Gas of Ohio

290 W. Nationwide Boulevard
Columbus, Ohio 43215
Emergency: (800) 344-4077
Customer Care: (800) 344-4077
ColumbiaGasOhio.com

Columbia Gas of Pennsylvania

121 Champion Way
Canonsburg, Pennsylvania 15317
Emergency: (888) 460-4332
Customer Care: (888) 460-4332
ColumbiaGasPA.com

Columbia Gas of Virginia

1809 Coyote Drive
Chester, Virginia 2383
Emergency: (800) 544-5606
Customer Care: (800) 543-8911
ColumbiaGasVA.com

NIPSCO

801 E. 86th Avenue
Merrillville, Indiana 46410
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NIPSCO.com



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