

# MassDEP GHG Reporting Program Summary Report and Facility List

## Emissions Year 2015

(Publication Date: August 2016)

This document includes 2015 greenhouse gas emissions data reported to the Massachusetts GHG Registry by facilities in Massachusetts. The Massachusetts GHG Registry is an electronic greenhouse gas (GHG) emissions registry that was created by MassDEP and The Climate Registry to address requirements of the Massachusetts Global Warming Solutions Act. Additional information about the MassDEP GHG reporting program is available at [www.mass.gov/dep/ghgreporting](http://www.mass.gov/dep/ghgreporting). The document includes two parts: Part 1 summarizes key information in charts and narrative form, and Part 2 lists all facilities that reported greenhouse gas emissions to the MA GHG Registry. This is the seventh annual summary report published, and the sixth that includes all six GHGs (only carbon dioxide emissions from fuel combustion were reported for emissions year 2009). One of the charts compares emissions over the 2010 – 2015 time period, and shows a general trend toward reduced emissions of carbon dioxide from combustion of fossil fuels. This trend is largely attributable to reduced emissions from coal combustion at power plants in Massachusetts.

All quantities included in this report are expressed in carbon dioxide equivalent metric tons. Carbon dioxide equivalent (CO<sub>2</sub>e) means that for gases other than carbon dioxide, the number of tons of emissions is adjusted to account for differing global warming potentials. For example, since the MA GHG Registry uses a global warming potential of 21 for methane, if a source were to emit 100 metric tons of methane, this report would show 2,100 tons under the methane (CH<sub>4</sub>) column heading. For more information about greenhouse gases and global warming potentials, consult The Climate Registry's General Reporting Protocol, available at <http://www.theclimateregistry.org/resources/protocols/general-reporting-protocol/>.

## Part I: Summary Report

For emissions year 2015, 296 facilities reported 18,959,938 metric tons of carbon dioxide-equivalent greenhouse gas emissions to the MA GHG Registry. This represents approximately one quarter of the total greenhouse gas emissions inventory for Massachusetts, as most recently estimated for emissions that occurred in 2012.<sup>1</sup> When considering the information below, it is very important to understand that only emissions from large stationary facilities are reported to the MA GHG Registry. Emissions from sources such as motor vehicles, residential and commercial space and water heating, and leaking refrigeration systems are not reported unless they are located at a large facility that reports greenhouse gas emissions to the MA GHG Registry.

The Largest Emitters: The twenty-five largest emitters emitted 76% of the total quantity of carbon dioxide-equivalent emissions reported to the registry, and the top 10 accounted for 53%. The twenty-five largest emitters include electric power plants of various types, two large natural gas distribution systems, an academic institution, a sewage treatment facility, and a manufacturer. For most of these facilities, combustion of fossil fuels contributed to the vast majority of their emissions. The exceptions were: (1) five waste-to-energy facilities, 55%-58% of whose emissions came from carbon dioxide emitted through combustion of biogenic fuels (biogenic CO<sub>2</sub>), (2) one wood-fired power plant, 98% of whose emissions were biogenic CO<sub>2</sub>, (3) one sewage treatment facility, 40% of whose emissions were biogenic CO<sub>2</sub> and 25% were nitrous oxide (N<sub>2</sub>O); (4) two natural gas distributors, 96% and 83% of whose emissions were methane, respectively, largely due to natural gas leaks. The largest emitter was a coal-fired power plant.

Motor Vehicle Emissions: 243 facilities reported a total of 146,403 tons of carbon dioxide equivalent emissions from motor vehicles, or only 0.77% of the total reported to the registry. Only six facilities emitted more than 5,000 tons. The top ten emitters accounted for 53% of the motor vehicle emissions. For most facilities, motor vehicle emission accounted for a very small percentage of their total emissions. (The requirement to report motor vehicle emissions is limited to vehicles that operate in support of a facility that triggered the reporting requirement based on emissions from stationary sources, and are owned or leased by that facility.)

Fossil Carbon Dioxide (CO<sub>2</sub>): 293 facilities reported a total of 15,256,442 tons of carbon dioxide emissions from fossil fuel combustion, or 80% of the total reported to the registry. The top ten emitters, consisting of ten fossil fuel electric power generation facilities, accounted for 61% of the

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<sup>1</sup> See *Massachusetts Annual Greenhouse Gas Emissions Inventory: 1990 through 2012, with Partial 2013 Data*, available at <http://www.mass.gov/eea/agencies/massdep/air/reports/emissions-inventories.html>

emissions from combustion of fossil fuels. (A small quantity of other process emissions of non-biogenic carbon dioxide is included in this category.<sup>2</sup>)

Biogenic Carbon Dioxide (CO<sub>2</sub>): 51 facilities reported a total of 2,263,380 tons of carbon dioxide emissions from combustion of biogenic material, or 12% of the total reported to the registry. Ten facilities, including six waste-to-energy facilities, one wood-fired power plant, one sewage treatment facility, one paper mill, and one manufacturer, accounted for 88% of the emissions from combustion of biogenic material. (Biogenic carbon dioxide emissions include emissions from combustion of biomass, biofuels, municipal solid waste, and landfill gas, and any carbon dioxide emitted as a component of landfill gas. Separate reporting of biogenic emissions from blended biofuels in motor vehicles was not required because of technical limitations in the software platform; instead reporters were allowed to quantify these emissions using emission factors intended for the corresponding petroleum-based fuel. For example, a facility that combusted 100 gallons of gasoline-ethanol blended fuel was allowed to report the combustion of 100 gallons of petroleum-based gasoline.)

Methane (CH<sub>4</sub>): 292 facilities reported a total of 1,090,279 carbon dioxide-equivalent tons of methane, or 5.8% of the total reported to the registry. Ten facilities, including six natural gas distribution systems, three solid waste landfills, and one waste-to-energy facility, accounted for 75% of the methane emissions.

Nitrous Oxide (N<sub>2</sub>O): 290 facilities reported a total of 179,147 carbon dioxide-equivalent tons of nitrous oxide, or 0.9% of the total reported to the registry. Ten facilities, including five electric power plants, four solid waste incinerators, and one sewage treatment plant, accounted for 71% of the nitrous oxide emissions.

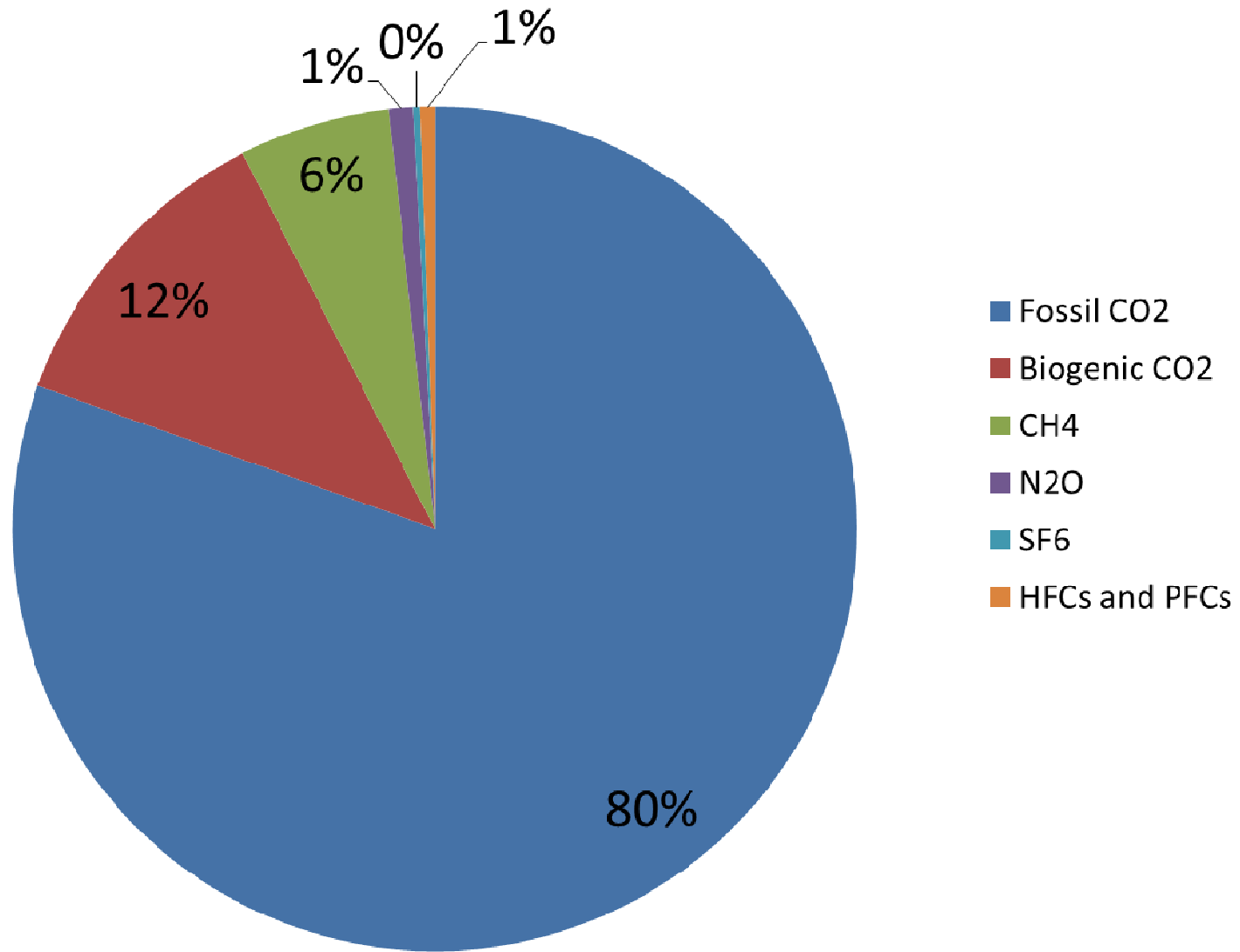
Sulfur Hexafluoride (SF<sub>6</sub>): 24 facilities reported a total of 48,452 carbon dioxide-equivalent tons of sulfur hexafluoride, or 0.3% of the total reported to the registry. Ten facilities, including five semiconductor manufacturers, two electric power transmission and control stations, one plastics manufacturer, one electric power plant, and one academic institution, accounted for 93% of the sulfur hexafluoride emissions.

Hydrofluorocarbons and Perfluorocarbons (HFCs and PFCs): 156 facilities reported a total of 106,774 carbon dioxide-equivalent tons of hydrofluorocarbons and perfluorocarbons, or 0.6% of the total reported to the registry. Ten facilities, including various facilities such as manufacturers and research institutions, accounted for 70% of these emissions. (Hydrofluorocarbons and perfluorocarbons are used as refrigerants, and by electronics manufacturers. Each gas in this category has a different global warming potential. More information is available in The Climate Registry's General Reporting Protocol.)

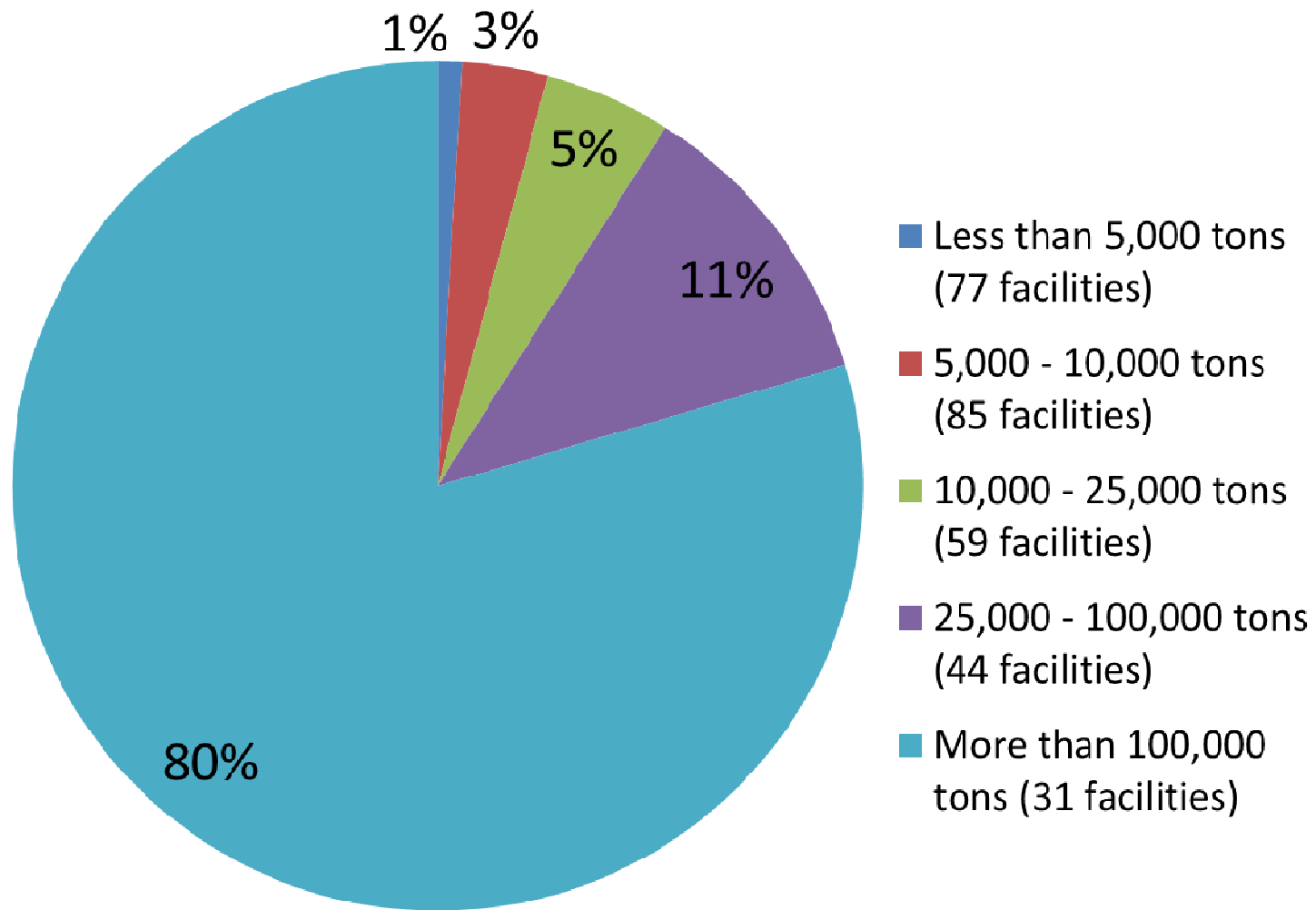
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<sup>2</sup> Process emissions are the byproduct of a specific industrial process rather than from the fuel combustion required to conduct that process. For example, a manufacturer that produces cement burns fuel to run the process (these are stationary combustion emissions). The cement itself also releases CO<sub>2</sub> during the process because heated limestone breaks down into calcium oxide and CO<sub>2</sub> (these are process emissions).

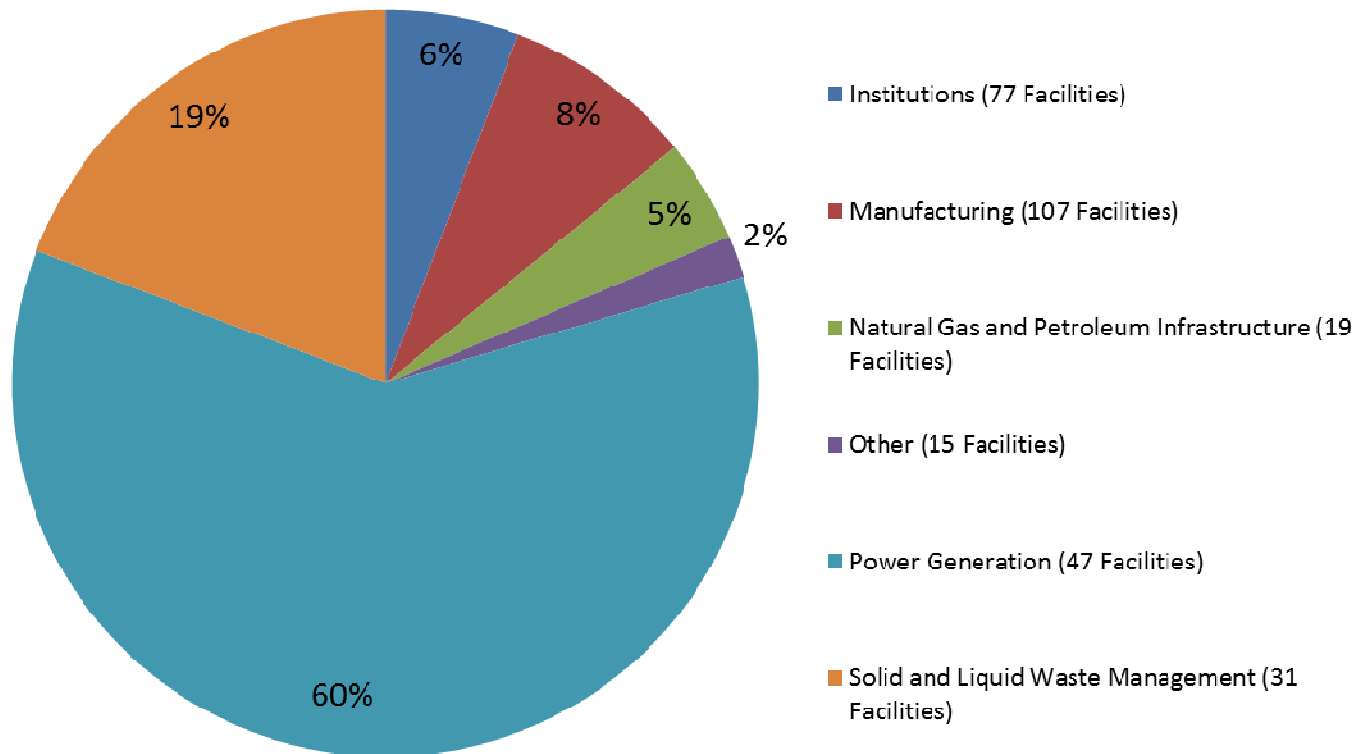
Percent of Reported Emissions, by Gas



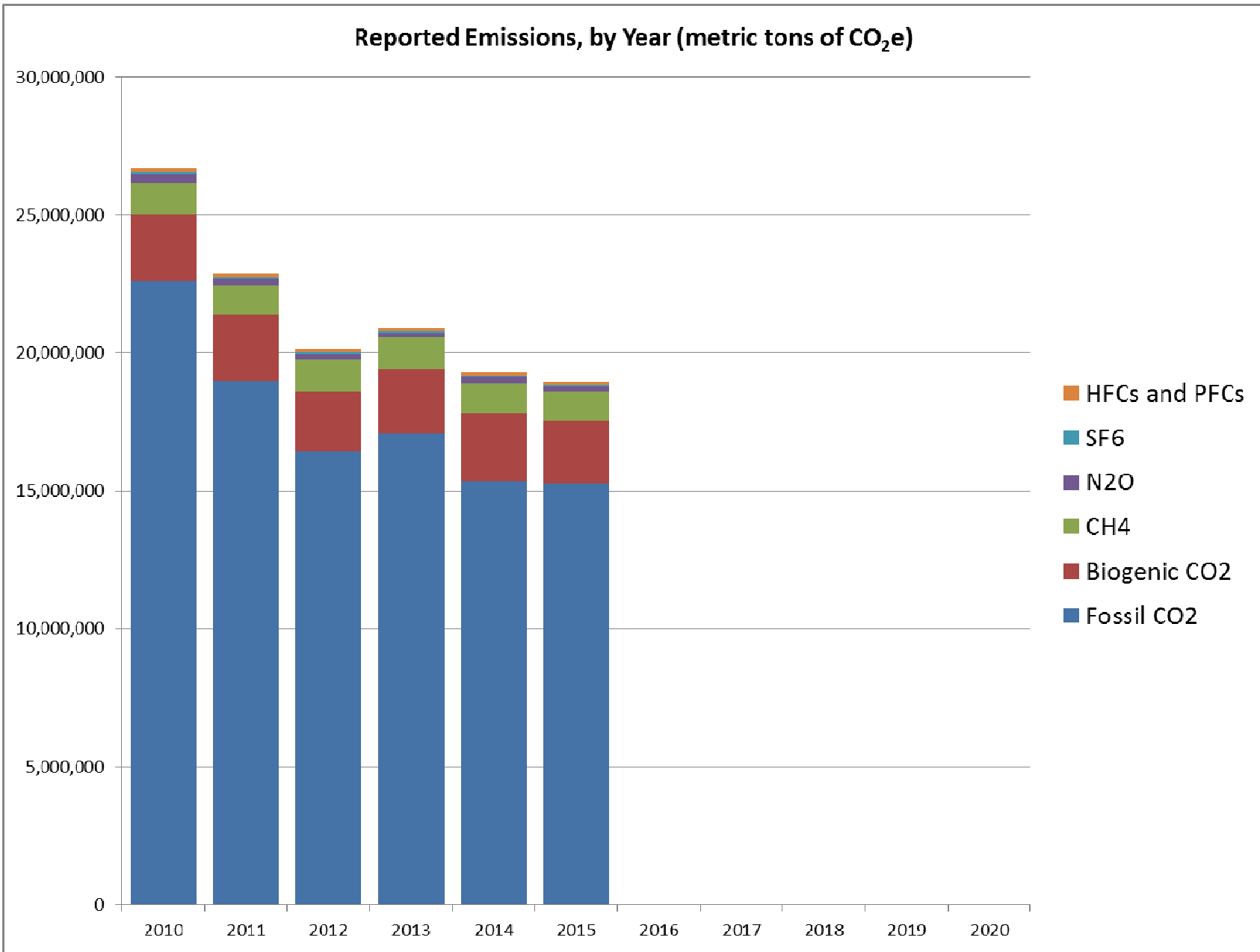
**Percent of Reported Emissions, by Facility Total**



## Percent of Total Emission, by Sector



The sectors within this chart are categorized by Institutions, Manufacturing, Natural Gas and Petroleum Infrastructure, Power Generation, Waste Management, and Other. Institutions include hospitals, universities, hotels, correctional facilities, and national security institutions. Manufacturing includes material manufacturing, pharmaceutical preparation, and paper and fabric finishing mills. Natural Gas and Petroleum Infrastructure includes transmission and distribution of natural gas, and oil terminals. Power Generation facilities include fossil, biomass, and landfill gas-powered EGUs. Waste Management facilities include landfills, sewage treatment, and waste-to-energy facilities. Other includes transportation systems and steam and air conditioning suppliers.



## Part II: Facility List – 2015 Emissions

All Quantities in Metric Tons CO <sub>2</sub> e		By Emission Source Category		By Gas (including all source categories)					
Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
BRAYTON POINT Energy LLC [Facility AQ ID: 1200061]	1,798,111.53	1,797,103.69	1,007.85	1,778,450.63		8,314.66	11,327.69	-	18.56
FORE RIVER ENERGY CENTER (Facility AQ ID: 1190227)	1,497,295.61	1,497,294.06	1.55	1,494,269.83		1,108.91	1,916.87		
MYSTIC STATION [Facility AQ ID: 1190128] CMP	1,275,388.95	1,275,369.80	19.15	1,273,371.57		797.26	1,062.85	157.26	-
ANP BELLINGHAM [Facility AQ ID: 1201509]	1,041,884.05	1,041,878.09	5.96	1,024,908.14		363.54	16,482.28	130.09	-
SEMASS PARTNERSHIP [Facility AQ ID: 1200001]	937,252.66	933,239.46	4,000.26	371,025.52	546,858.00	6,559.39	12,796.80		12.95
ANP BLACKSTONE [Facility AQ ID: 1180211]	829,146.88	829,142.47	4.41	815,660.07		290.18	13,131.59	65.03	-
MILLENNIUM POWER PARTNERS LP [Facility AQ ID: 1180281]	808,905.20	808,899.74	5.47	795,761.99		279.52	12,806.40	-	57.30
KENDALL GREEN ENERGY LLC [Facility AQ ID: 1190093]	798,786.98	798,784.74	2.24	797,968.92		320.15	497.91		-
COVANTA HAVERHILL INCORPORATED [Facility AQ ID: 1210007]	569,786.02	569,173.71	612.31	223,666.03	312,099.16	26,051.98	7,935.60		33.25
BELLINGHAM COGENERATION [Facility AQ ID: 1201550]	521,544.46	521,543.72	0.75	519,422.61		212.79	315.24	1,593.32	0.51
WHEELABRATOR MILLBURY INC [Facility AQ ID: 1180419]	467,116.11	466,846.89	269.22	196,443.92	260,243.00	3,546.72	6,873.14		9.32
WHEELABRATOR NORTH ANDOVER INCORPORATED [Facility AQ ID: 1210261]	462,964.74	462,688.76	275.99	195,486.18	258,438.00	3,076.08	5,961.85		2.63
BERKSHIRE POWER LLC [Facility AQ ID: 0420067]	454,436.72	454,432.57	4.15	447,083.82		156.75	7,196.15	-	-
MASSPOWER [Facility AQ ID: 0420007]	393,534.77	393,531.87	2.90	393,155.50		153.16	226.10	-	
WHEELABRATOR SAUGUS INC [Facility AQ ID: 1197654]	382,001.40	381,745.05	256.35	162,863.91	210,975.00	2,772.07	5,376.81		13.61
DIGHTON POWER LLC [Facility AQ ID: 1200276]	365,189.90	365,186.31	3.60	364,838.00		142.11	209.79		
BOSTON GAS COMPANY [Facility AQ ID: 1193428]	352,269.29	341,427.92	10,841.37	15,496.60		336,742.41	30.28		



Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
NRG CANAL LLC [Facility AQ ID: 1200054]	250,466.67	250,441.27	25.41	236,933.42		181.22	703.03		12,649.00
MEDICAL AREA TOTAL ENERGY PLANT [Facility AQ ID: 1191191]	240,560.36	240,556.94	3.42	236,650.77		105.59	167.36		3,636.64
MILFORD POWER, LLC [Facility AQ ID: 1201504]	209,209.03	209,205.42	3.62	205,665.22		75.52	3,468.29		-
PINETREE POWER FITCH [Facility AQ ID: 1180061]	186,514.42	186,486.37	28.05	480.57	181,888.58	378.90	3,548.24	218.14	-
MASSACHUSETTS INSTITUTE OF TECHNOLOGY [Facility AQ ID: 1191844]	151,631.23	150,982.85	648.38	143,869.70	-	69.96	137.07	5,975.00	1,579.50
COLUMBIA GAS OF MASSACHUSETTS [Facility AQ ID: 1210635]	149,557.18	144,074.87	5,482.31	25,004.92		124,336.26	26.46		189.54
SOLUTIA INCORPORATED [Facility AQ ID: 0420086]	139,512.17	139,099.62	412.55	137,697.20		431.23	564.75		819.00
MWRA DEER ISLAND [Facility AQ ID: 1191899]	130,318.98	130,118.55	200.43	39,440.91	50,911.23	7,850.29	32,072.87		43.68
PITTSFIELD GENERATING COMPANY LP [Facility AQ ID: 1170006]	126,651.68	126,643.22	8.46	124,736.39		48.35	1,865.99	-	0.96
STONY BROOK ENERGY CENTER [Facility AQ ID: 0420001]	119,723.88	119,707.96	15.93	118,274.61		49.63	1,399.64		
UMASS AMHERST CAMPUS [Facility AQ ID: 0420004]	116,283.94	112,486.27	3,797.67	115,266.32	63.00	102.21	566.17		286.24
NSTAR GAS [Facility AQ ID: 1193487]	109,502.19	106,038.44	3,463.75	5,064.51		104,404.88	17.20		15.60
TAUNTON MUNICIPAL LIGHT - CLEARY FLOOD [Facility AQ ID: 1200067]	104,051.92	104,041.34	10.58	103,947.15		41.29	63.48		
VEOLIA ENERGY BOSTON INC- KNEELAND [Facility AQ ID: 1190507]	102,299.84	102,137.44	162.40	102,120.62		55.10	124.12		
COVANTA SPRINGFIELD LLC [Facility AQ ID: 0420006]	98,310.39	98,083.13	227.26	24,094.78	72,132.00	708.16	1,375.45		
TWIN RIVERS TECHNOLOGIES MANUFACTURING C [Facility AQ ID: 1190497]	93,996.41	93,970.99	25.42	49,133.35	41,738.65	223.83	2,900.58		-
GENERAL ELECTRIC AIRCRAFT ENGINES [Facility AQ ID: 1190138]	93,970.82	93,595.13	375.69	93,784.43		47.51	101.12		37.76
SOUTHBRIDGE LANDFILL [Facility AQ ID: 1180370]	90,428.81	89,327.25	1,101.56	25,921.00	24,789.44	39,510.39	101.42		106.56
UMASS MEDICAL SCHOOL [Facility AQ ID: 1180334]	90,424.45	89,401.03	1,023.42	89,578.05		71.37	469.39		305.63
DISTRIGAS OF MASSACHUSETTS LLC [Facility AQ ID: 1190814]	84,936.88	84,873.07	63.81	34,923.09		49,993.63	20.16		

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
The President & Fellows of Harvard College/Blackstone Steam Plant [Facility AQ ID: 1190092]	73,038.97	71,549.76	1,489.21	71,028.34	65.66	37.12	63.41	118.31	1,726.14
SPECIALTY MINERALS [Facility AQ ID: 1170042]	72,095.97	69,774.70	2,321.27	72,016.27		21.80	57.91		
L'ENERGIA ENERGY CENTER [Facility AQ ID: 1210362]	66,605.80	66,604.81	0.99	65,410.84		24.41	1,012.82	157.74	
RESOURCE CONTROL INC-WESTMINSTER [Facility AQ ID: 1180329]	66,044.64	65,425.16	619.48	18,024.63	16,212.83	31,608.82	66.45		131.92
COVANTA PITTSFIELD LLC [Facility AQ ID: 1170004]	63,685.79	63,477.03	208.76	25,697.82	36,636.00	460.39	891.58		
TENNESSEE GAS PIPELINE STATION 261 [Facility AQ ID: 0420005]	55,970.59	55,608.17	362.42	36,969.23		18,969.53	25.57		6.25
THE GILLETTE COMPANY [Facility AQ ID: 1190033]	55,533.17	55,527.85	5.32	55,420.22		21.96	32.69		58.31
WYMAN GORDON COMPANY [Facility AQ ID: 1180039]	53,852.06	53,498.30	353.76	53,748.86		21.48	61.62		20.10
BOSTON UNIVERSITY FACILITIES MANAGEMENT and PLANNING [Facility AQ ID: 1191578]	53,496.83	52,776.33	720.50	51,610.58		22.88	449.14		1,414.24
DARTMOUTH POWER ASSOCIATES [Facility AQ ID: 1200025]	53,247.45	53,247.28	0.17	52,904.87		76.49	266.09		
SEAMAN PAPER COMPANY [Facility AQ ID: 1180035]	50,385.46	50,234.81	150.65	629.03	48,700.64	102.88	952.90		
AMERESCO CHICOPEE ENERGY, INC [Facility AQ ID: 0420110]	48,489.35	48,489.35		20,778.17	27,637.09	18.97	55.12		
GENETICS INSTITUTE LLC [Facility AQ ID: 1211015]	46,614.28	46,609.35	4.93	46,326.84		66.72	220.72		
MASSPORT LOGAN AIRPORT [Facility AQ ID: 1191249]	46,236.61	33,373.37	12,863.24	45,691.86		66.15	234.89	-	243.71
FALL RIVER LANDFILL [Facility AQ ID: 1200866]	45,961.70	37,361.92	8,599.78	17,495.87	10,959.34	17,379.56	68.78		58.15
ROUSSELOT PEABODY INC [Facility AQ ID: 1190175]	43,188.47	43,158.26	30.21	41,684.56		14.26	1,324.66		164.99
EL PASO CHARLTON STATION [Facility AQ ID: 1180591]	43,169.60	43,169.60		37,555.95		5,591.70	21.94		0.00
ARDAGH GLASS INC [Facility AQ ID: 1200856]	41,563.52	41,218.96	344.56	41,506.47		17.49	25.68		13.89
ST GOBAIN ABRASIVES, INC [Facility AQ ID: 1180115]	41,455.70	41,394.54	61.16	41,289.41		15.38	150.92		
COLONIAL GAS COMPANY [Facility AQ ID: 1210285]	39,777.78	37,629.59	2,148.19	3,382.30		36,390.44	5.04		

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
BIOGEN INCORPORATED [Facility AQ ID: 1191819]	38,601.33	32,805.96		32,773.69		17.41	42.58		804.40
BOURNE LANDFILL [Facility AQ ID: 1200614]	37,114.51	36,430.82	683.68	11,227.79	12,295.07	6,778.79	52.85		6,760.00
MIDDLEBOROUGH LANDFILL [Facility AQ ID: 1201047]	35,728.10	35,572.19	155.91	7,240.52	3,502.52	24,915.22	14.51		55.34
CARVER MARION WAREHAM (CMW) REGIONAL LANDFILL [Facility AQ ID: 1200610]	35,586.60	35,372.36	214.24	234.91	-	35,349.99	1.71		
LIBERTY UTILITIES [Facility AQ ID: 1200159]	32,836.48	31,999.48	837.00	978.82		31,857.04	0.62		
NORTHEASTERN UNIVERSITY [Facility AQ ID: 1190054]	32,296.05	31,626.72	669.34	31,966.57		22.96	156.66		149.87
UPPER BLACKSTONE SSI [Facility AQ ID: 1180937]	30,605.17	30,549.57	55.60	30,100.95		30.16	474.06		
US HANSCOM 66TH ABG [Facility AQ ID: 1190499]	30,532.82	29,971.24	561.59	28,863.02		16.04	130.39		1,523.38
NEWARK AMERICA [Facility AQ ID: 1180355]	30,131.52	29,828.26	303.27	29,986.17		12.10	133.25		-
HOPKINTON LNG CORP [Facility AQ ID: 1190957]	29,303.83	29,262.08	41.75	23,664.04		5,618.43	21.36		-
CHICOPEE SANITARY LANDFILL [Facility AQ ID: 0420233]	27,852.59	27,353.80	498.79	3,959.28	482.38	23,351.97	5.67		53.30
OLDCASTLE STONE PRODUCTS [Facility AQ ID: 1170012]	27,845.50	27,418.18	427.32	27,772.17		4.51	68.48		0.34
ESSENTIAL POWER MASSACHUSETTS LLC [Facility AQ ID: 0420117]	27,730.29	27,717.75	12.54	27,549.95		38.98	140.30		1.06
ANALOG DEVICES INC [Facility AQ ID: 1190226]	27,671.11	27,658.25	12.86	5,701.79		2.25	1,549.84	3,190.65	17,226.57
WELLESLEY COLLEGE [Facility AQ ID: 1190261]	27,046.77	26,626.84	419.92	26,644.25	5.60	53.18	24.25	-	319.49
Skyworks Solutions, Inc. [Facility AQ ID: 1191245]	26,752.57	26,752.57		4,755.82		1.70	169.27	2,019.55	19,806.24
BONDI ISLAND LANDFILL [Facility AQ ID: 0420361]	25,620.18	25,397.20	222.98	3,587.97	2,391.24	19,615.29	10.70		14.98
South Hadley Landfill [Facility AQ ID: 0420177]	25,126.06	24,875.41	250.64	6,746.67	8,159.27	10,186.56	33.56		
COOLEY DICKINSON HOSPITAL [Facility AQ ID: 0420054]	24,068.83	23,870.44	198.39	1,037.52	22,428.72	161.02	390.63		50.94
GAS RECOVERY Systems Fall River Facility [Facility AQ ID: 1200533]	23,667.04	23,667.04		0.01	23,548.48	30.35	88.21		

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
INDUSTRIAL POWER SERVICES CORPORATION [Facility AQ ID: 0420105]	22,626.57	22,626.57		10,498.76	12,067.05	15.55	45.20		
SMITH COLLEGE [Facility AQ ID: 0420058]	22,395.85	21,892.02	503.83	22,195.38		27.58	159.06		13.83
POLARTEC LLC [Facility AQ ID: 1210212]	22,292.32	22,087.34	204.98	22,166.89		7.93	117.50		
ERVING PAPER MILLS [Facility AQ ID: 0420121]	22,045.96	21,914.23	131.73	22,020.90		9.12	14.76		1.19
BRAINTREE ELECTRIC [Facility AQ ID: 1190491]	21,984.76	21,764.87	219.89	21,948.52		9.67	17.47		9.10
GARELICK FARMS LLC - FRANKLIN [Facility AQ ID: 1200868]	21,818.86	7,164.19	14,654.67	19,439.11	1,411.67	6.98	42.71		918.38
BOSTON COLLEGE CHESTNUT HILL [Facility AQ ID: 1190292]	21,589.16	21,301.08	288.07	21,402.88		12.86	102.35		71.07
SONOCO PRODUCTS COMPANY HOLYOKE MILL [Facility AQ ID: 0420925]	21,587.36	21,506.36	81.00	21,448.45		21.52	117.39		
OCEAN SPRAY CRANBERRIES INC [Facility AQ ID: 1200278]	20,467.35	20,179.15	288.20	20,235.67		6.81	96.17		128.70
EL PASO ENERGY MENDON [Facility AQ ID: 1180060]	20,181.17	20,181.17		16,534.03		3,637.48	9.66		
FLEXCON COMPANY INC [Facility AQ ID: 1180998]	19,751.00	19,580.68	170.32	19,637.49		5.34	9.94		98.23
UMASS DARTMOUTH [Facility AQ ID: 1200091]	18,050.73	17,573.68	477.05	17,894.30		9.99	38.48		107.97
BFINA EAST BRIDGEWATER LANDFILL [Facility AQ ID: 1192250]	18,000.61	18,000.61		6,517.34	6,820.45	4,636.17	26.65		
WILLIAMS COLLEGE [Facility AQ ID: 1170036]	17,651.17	17,222.18	428.99	17,477.06		11.09	81.09	10.85	71.08
AMHERST COLLEGE [Facility AQ ID: 0420003]	17,246.85	17,246.85	-	17,029.05	44.51	11.01	162.29		
TEWKSBURY 22A SWITCHING STATION [Facility AQ ID: 1210715]	17,051.91	17,051.91						17,051.91	
BERKSHIRE GAS COMPANY [Facility AQ ID: 1170208]	16,641.08	15,951.25	689.82	1,380.68		15,246.36	4.48		9.56
KRAFT FOODS GROUP INC [Facility AQ ID: 1190234]	16,204.41	16,157.13	47.28	16,060.88		6.45	10.11		126.97
HOLLINGSWORTH & VOSE GROTON [Facility AQ ID: 1210086]	16,127.33	15,988.76	138.57	16,045.43		6.56	75.34		
GARELICK FARMS LLC - LYNN [Facility AQ ID: 1190838]	16,106.86	9,685.11	6,421.75	15,388.94	2.29	8.58	187.67		519.39

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
COCA-COLA NORTH AMERICA [Facility AQ ID: 0420033]	15,845.17	15,839.19	5.98	14,507.32	316.95	5.66	63.56		951.68
MWRA FORE RIVER STAGING AREA [Facility AQ ID: 1190304]	15,744.82	15,722.50	22.32	15,711.63	0.67	13.42	8.40		10.69
BRANDEIS UNIVERSITY [Facility AQ ID: 1190335]	15,729.86	15,402.68	327.18	15,608.93		8.14	75.95		36.84
BROX INDUSTRIES INC [Facility AQ ID: 1210259]	15,397.72	11,347.51	4,050.21	15,291.71		8.15	83.12		14.74
BFI RANDOLPH LANDFILL [Facility AQ ID: 1190913]	15,189.44	15,189.44		1,475.64	1,680.59	12,026.70	6.51		
PJ KEATING CO [Facility AQ ID: 1180296] - Lunenburg	15,029.50	8,547.37	6,482.14	14,959.64		11.04	58.82		
COMMONWEALTH NEW BEDFORD ENERGY LLC [Facility AQ ID: 1200624]	14,421.91	14,421.91		1.56	14,348.11	18.49	53.75		
BAYSTATE MEDICAL CENTER [Facility AQ ID: 0420093]	14,366.19	13,082.58	1,283.62	14,280.51		5.46	74.60	2.99	2.64
ROHM AND HAAS ELECTRONIC MATERIALS LLC [Facility AQ ID: 1190910]	14,353.28	14,352.08	1.20	14,269.05		5.10	74.12		5.02
BRIDGEWATER CORRECTIONAL COMPLEX [Facility AQ ID: 1192151]	14,331.23	13,501.41	829.82	14,253.92		6.80	70.51		
PJ KEATING CO [Facility AQ ID: 1200182] - Acushnet	14,122.46	6,800.40	7,322.07	14,037.13		22.06	63.27		
NEW ENGLAND CONFECTIONERY CO [Facility AQ ID: 1192952]	13,891.86	13,891.86	-	11,696.82		2,178.00	10.53		6.52
HOME MARKET FOODS [Facility AQ ID: 1193160]	13,414.58	13,354.12	60.46	12,272.04	-	13.49	39.62		1,089.44
ALGONQUIN GAS TRANSMISSION LLC [Facility AQ ID: 1193482]	13,360.96	12,931.43	429.53	2,089.11		11,057.49	9.00		205.36
BAKER COMMODITIES [Facility AQ ID: 1210247]	13,254.41	9,944.76	3,309.66	13,135.85	64.68	3.92	49.96		
GENZYME CORPORATION [Facility AQ ID: 1191405]	13,184.09	13,180.89	3.20	12,607.01		4.73	39.32		533.04
EL PASO ENERGY-STATI [Facility AQ ID: 1190945]	13,178.13	12,949.66	228.47	5,503.98		7,664.84	3.83		5.48
GENZYME CORPORATION [Facility AQ ID: 1191771]	13,083.88	13,060.07	23.80	12,302.44		15.35	64.41		701.67
TUFTS UNIVERSITY [Facility AQ ID: 1190156]	12,965.81	12,518.30	447.51	12,878.93		14.05	40.46		32.37
INTEL MASSACHUSETTS INC [Facility AQ ID: 1194015]	12,814.46	12,811.40	3.06	10,037.76		3.62	511.19	693.10	1,568.78

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
MOUNT HOLYOKE COLLEGE [Facility AQ ID: 0420073]	12,512.76	12,181.71	331.05	10,158.91		11.33	29.31		2,313.21
TAUNTON LANDFILL GAS ENERGY RECOVERY FAC [Facility AQ ID: 1200217]	12,472.14	12,472.14		0.28	12,409.38	15.99	46.48		
BRITTANY DYEING & PRINTING CORP [Facility AQ ID: 1200290]	12,212.29	12,171.68	40.61	12,152.77		8.86	50.66		
TAUNTON LANDFILL [Facility AQ ID: 1200710]	11,999.35	11,640.12	359.23	2,546.47		9,345.73	3.40		103.75
DURO TEXTILES LLC [Facility AQ ID: 1200018]	11,946.19	11,939.60	6.60	11,873.10		4.46	34.02		34.62
Center for Life Sciences Boston [Facility AQ ID: 1191993]	11,636.63	11,636.63		11,571.62		4.15	60.87		
ACUSHNET COMPANY PLANT II [Facility AQ ID: 1200254]	11,396.76	11,391.30	5.46	11,206.23		4.03	51.61		134.90
UMASS LOWELL NORTH CAMPUS [Facility AQ ID: 1210041]	11,392.17	11,048.23	343.94	10,669.88		5.12	48.23	11.95	656.99
AGRI MARK INC [Facility AQ ID: 0420788]	11,369.38	11,287.61	81.77	11,328.27		4.24	36.88		-
AGGREGATE INDUSTRIES-WRENTHAM [Facility AQ ID: 1200404]	11,301.17	10,029.85	1,271.31	11,050.52		10.76	35.28		204.61
WHEATON COLLEGE [Facility AQID: 1200045]	10,967.14	10,829.30	137.84	10,883.40		4.12	60.14		19.48
RAYTHEON INTEGRATED AIR DEFENSE CENTER [Facility AQ ID: 1211013]	10,809.90	10,728.80	81.10	7,088.79		2.64	33.51	256.60	3,428.36
FiberMark North America, Inc. [Facility AQ ID: 1180055]	10,669.41	5,257.60	77.10	5,308.58		2.55	23.57		
PLAINVILLE GENERATING [Facility AQ ID: 1200616]	10,534.43	10,534.43			10,481.66	13.51	39.26		
GREATER LAWRENCE SANITARY DISTRICT [AQ ID: 1210242]	10,332.26	5,117.19	48.94	1,074.18	4,075.54	8.59	7.82		
3M Company [Facility AQ ID: 1192436]	10,061.67	9,980.86	80.81	10,015.01		0.77	2.69		43.18
SHIRE HUMAN GENETIC THERAPIES INC [Facility AQ ID: 1190813]	10,031.53	10,017.99	13.53	9,720.05		3.45	50.58		257.44
MUELLER ROAD GAS CONTROL [Facility AQ ID: 0421125]	9,983.84	9,866.55	117.29	363.49		9,619.83	0.53		
WORCESTER POLYTECHNICAL INSTITUTE [Facility AQ ID: 1180127]	9,785.73	9,659.50	126.22	9,546.78		15.90	50.68		172.38
CLARK UNIVERSITY [Facility AQ ID: 1180105]	9,741.38	9,593.52	147.86	9,708.74		14.50	18.14		

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
BARRE MARTONE LANDFILL [Facility AQ ID: 1180395]	9,715.78	9,590.14	125.64	2,087.89	1,111.47	6,451.91	7.14		57.38
ISP FREETOWN FINE CHEMICALS INC. [Facility AQ ID: 1200075]	9,612.38	9,593.38	19.00	9,558.88		3.53	49.71		0.26
ROYAL HOSPITALITY SERVICES INC [Facility AQ ID: 1190258]	9,522.86	8,787.88	734.99	9,501.56		3.43	17.87		
BRISTOL-MYERS SQUIBB [Facility AQ ID : 1210627]	9,503.27	9,490.70	12.57	9,449.99		3.49	49.80		-
MCI SHIRLEY [Facility AQ ID: 1180299]	9,486.51	9,294.83	191.68	9,443.66		3.42	39.43		
WRENTHAM DEVELOPMENTAL CENTER [Facility AQ ID: 1200828]	9,433.76	9,228.94	204.82	8,601.51		5.12	43.72		783.41
VA HEALTHCARE SYSTEM BROCKTON [Facility AQ ID: 1192229]	9,403.10	9,010.56	392.54	9,350.11		4.00	46.91		2.08
ONYX SPECIALTY PAPERS INC - WILLOW MILL [Facility AQ ID: 1170015]	9,397.77	9,352.82	44.95	9,386.90		3.81	7.06		
COLLEGE OF THE HOLY CROSS [Facility AQ ID: 1180106]	9,276.10	9,013.08	263.02	9,229.86		7.45	38.79		
STURDY MEMORIAL HOSPITAL [Facility AQ ID: 1200086]	9,203.38	9,161.20	42.18	9,088.75		10.64	103.99		
PHILLIPS ACADEMY [Facility AQ ID: 1210003]	9,126.09	8,937.68	188.42	8,935.11		4.96	47.58		138.45
ABBVIE BIORESEARCH CENTER INC [Facility AQ ID: 1180186]	9,121.53	9,119.09	2.44	9,071.52		3.33	46.68		
UMASS MEMORIAL MEDICAL CENTER-MEMORIAL CAMPUS [Facility AQ ID: 1180519]	9,075.40	8,636.87	438.53	8,260.88		2.98	809.59		1.95
NEWTON WELLESLEY HOSPITAL [Facility AQ ID: 1190168]	8,839.48	8,809.87	29.62	8,570.36		3.19	261.93		4.00
US EDITH NOURSE VA HOSPITAL [Facility AQ ID: 1190248]	8,686.01	8,171.83	514.18	8,531.02		3.33	43.85		107.81
BOSTON PARK PLAZA HOTEL [Facility AQ ID: 1190933]	8,657.78	8,657.78		8,610.45		3.10	44.24		
MT AUBURN HOSPITAL [Facility AQ ID: 1190543]	8,553.66	8,540.00	13.66	6,893.51		3.14	110.02		1,547.00
WESTOVER AIR RESERVE BASE [Facility AQ ID: 0420017]	8,499.42	7,097.75	1,401.66	8,382.32		7.47	43.86		65.78
AGGREGATE INDUSTRIES-SAUGUS [Facility AQ ID: 1190344]	8,389.58	6,933.37	1,456.21	8,207.58		5.57	20.94		155.49
BRIDGEWATER STATE UNIVERSITY [Facility AQ ID: 1192145]	8,380.64	7,872.54	508.11	8,140.93	170.27	3.87	31.25		34.32

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
BENEVENTO ASPHALT CORPORATION [Facility AQ ID: 1190062]	8,284.47	5,808.83	2,475.64	8,228.47		5.29	50.72		
PEABODY MUNICIPAL LIGHT PLANT [Facility AQ ID: 1190015]	8,183.65	8,183.64	0.01	8,160.80		17.10	5.75		
SOUTH SHORE HOSPITAL [Facility AQ ID: 1190228]	8,119.63	7,671.93	447.70	8,086.41		9.10	24.12		
BROCKTON AWRF [Facility AQ ID: 1192233]	8,072.97	8,043.72	29.25	1,162.59	5,914.43	38.22	74.27		883.46
CERTAINTEED [Facility AQ ID: 1191170]	8,027.78	7,746.06	281.72	7,937.85		79.67	10.25		
BABSON COLLEGE [Facility AQ ID: 1191892]	7,881.29	7,613.82	267.47	7,607.47		7.50	7.31		259.01
LOWELL GENERAL HOSPITAL [Facility AQ ID: 1210316]	7,765.37	7,688.39	76.99	5,703.44		2.08	1,995.14		64.72
US VA BOSTON HEALTHCARE SYSTEM [Facility AQ ID: 1190525]	7,733.24	7,465.75	267.49	7,565.71		2.91	164.43		0.19
TL EDWARDS INC [in Avon] [Facility AQ ID: 1192129]	7,720.66	4,926.15	2,794.52	7,643.81		6.03	32.87		37.96
KANZAKI SPECIALTY PAPERS [Facility AQ ID: 0420189]	7,708.48	7,601.07	107.41	6,667.34		6.83	20.31		1,014.00
ST ELIZABETHS MEDICAL CENTER [Facility AQ ID: 1190059]	7,667.22	7,626.43	40.79	6,736.70		3.02	847.72		79.78
MACOM TECHNOLOGY SOLUTIONS [Facility AQ ID: 1210330]	7,644.93	7,642.22	2.71	4,707.23		1.68	63.54	1,171.46	1,701.03
TEWKSBURY HOSPITAL [Facility AQ ID: 1210255]	7,597.20	7,462.06	135.14	7,561.03		5.82	30.34		
FITCHBURG STATE UNIVERSITY [Facility AQ ID: 1180028]	7,510.22	7,314.03	196.19	7,012.77		3.27	30.61		463.57
ACUSHNET COMPANY - BALL PLANT III [Facility AQ ID: 1200619]	7,481.03	7,469.85	11.17	7,181.34		2.57	32.42		264.71
MERCY MEDICAL CENTER [Facility AQ ID: 0420508]	7,460.10	7,384.28	75.82	7,095.59		2.58	354.87		7.05
Barnhardt Manufacturing Co. [Facility AQ ID: 0420061]	7,441.36	7,426.21	15.15	7,400.32		2.65	38.39		
LAHEY HITCHCOCK MEDI [Facility AQ ID: 1190593]	7,431.92	7,157.03	274.89	6,497.61		2.41	931.91		
MASS GENERAL HOSPITAL [Facility AQ ID: 1190513]	7,321.24	7,313.99	7.25	6,753.99		2.50	279.20		285.54
SWAN DYEING & PRINTING CORP [Facility AQ ID: 1200820]	7,270.86	7,270.86	-	7,247.25		2.73	20.89		



Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
ASTRAZENECA LP [Facility AQ ID: 1180103]	7,208.88	7,203.36	5.52	7,114.59		2.82	4.18		87.29
HOLT AND BUGBEE COMPANY [Facility AQ ID: 1210270]	7,136.31	6,038.07	1,098.24	1,132.88	5,879.41	12.02	112.01		
WEETABIX COMPANY INC [Facility AQ ID: 1180386]	6,979.18	6,979.18		6,953.62		3.04	13.42		9.10
ST VINCENT HOSPITAL @ WORC MED CTR [Facility AQ ID: 1180295]	6,899.88	6,899.88		6,883.25		2.65	13.98		
SIMONDS INTERNATIONAL [Facility AQ ID: 1180030]	6,867.35	6,856.07	11.28	6,860.49		2.73	4.13		
3M CHELMSFORD [Facility AQ ID: 1210145]	6,851.02	6,850.24	0.78	343.38		0.14	0.23	6,507.21	0.07
KENS FOODS INCORPORATED [Facility AQ ID: 1192000]	6,830.15	6,830.15		3,756.35	3,054.71	5.43	13.65		
JORDAN HOSPITAL [Facility AQ ID: 1200363]	6,640.22	6,632.97	7.25	6,603.26		2.65	34.32		
VEOLIA ENERGY BOSTON INC- SCOTIA [Facility AQ ID: 1190009]	6,630.61	6,630.61		6,615.84		4.20	10.57		
CAPE COD HOSPITAL [Facility AQ ID: 1200130]	6,558.55	6,472.53	86.02	6,170.36		2.41	361.70	-	24.08
CRANE & COMPANY INC [Facility AQ ID: 1170038]	6,469.54	6,425.04	44.50	6,435.79		2.62	31.13		
TWISS STREET LANDFILL GAS TO ENERGY FACILITY [Facility AQ ID: 0420140]	6,372.99	6,372.84	0.15	1,903.45	642.19	3,824.93	2.41		
BRADFORD INDUSTRIES [Facility AQ ID: 1210087]	6,265.55	6,259.54	6.01	6,259.88		2.29	3.38		
AGGREGATE INDUSTRIES-CHELMSFORD [Facility AQ ID: 1210018]	6,255.10	5,968.84	286.26	6,085.59		4.05	5.54		159.91
BOSTIK INCORPORATED [Facility AQ ID: 1190159]	6,252.00	6,251.44	0.55	6,122.73		1.77	19.42		108.08
SIEMENS HEALTHCARE DIAGNOSTICS INC [Facility AQ ID: 1191071]	6,239.21	6,239.21		5,792.51		2.09	29.05		415.57
MCI FRAMINGHAM [Facility AQ ID: 1190580]	6,173.98	6,173.82	0.16	6,161.26		5.07	7.64		
US VA MEDICAL CENTER WEST ROXBURY [Facility AQ ID: 1191709]	6,148.85	6,037.90	110.96	6,098.58		2.33	45.91		2.03
HAARTZ CORPORATION [Facility AQ ID: 1190901]	6,049.39	5,949.59	99.81	6,043.74		2.46	3.20		
ASTRAZENECA PHARMACEUTICALS LP [Facility AQ ID: 1191745]	5,914.79	5,914.42	0.37	5,729.55		2.25	3.31		179.68
LANTHEUS MEDICAL IMAGING INC [Facility AQ ID: 1210153]	5,875.73	5,863.90	11.83	5,843.14		2.10	30.48		-
GRANBY SANITARY LANDFILL [Facility AQ ID: 0420234]	5,840.74	5,840.74		903.68	51.94	4,833.17	0.20		51.76
VERTEX PHARMACEUTICALS INC [Facility AQ ID: 1193776]	5,773.18	5,526.64	246.54	5,576.74		2.04	29.40		165.01

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
NORTH SHORE MEDICAL CENTER [Facility AQ ID: 1190563]	5,674.75	5,389.44	285.31	5,623.38		2.74	27.37		21.26
EMS CUP LLC [Facility AQ ID: 1200002]	5,621.27	5,621.27		5,589.80		2.00	29.47		
BERKSHIRE MEDICAL CENTER [Facility AQ ID: 1170026]	5,575.11	5,464.30	110.82	5,441.19		1.76	77.09		55.07
QG PRINTING CORP [Facility AQ ID: 1200068]	5,566.50	5,327.06	239.43	5,491.51		22.63	23.88		28.47
BHA CHARLESTOWN [Facility AQ ID: 1191379]	5,541.81	5,529.44	12.37	5,526.73		10.95	3.34		0.79
THE FIRST CHURCH OF CHRIST SCIENTIST [Facility AQ ID: 1190359]	5,530.60	5,518.17	12.43	5,204.93		1.88	27.45		296.34
CHARLTON MEMORIAL HOSPITAL [Facility AQ ID: 1200123]	5,486.99	5,485.21	1.78	4,414.76		1.68	745.20		325.35
SMITH & WESSON CORP. [Facility AQ ID 0420089]	5,420.22	5,257.00	163.22	5,316.84		1.96	30.50		70.93
LAWRENCE GENERAL HOSPITAL [Facility AQ ID: 1210025]	5,396.79	4,914.11	482.68	5,348.71		2.11	45.98		
SPRAGUE-EVERETT TERMINAL [Facility AQ ID: 1190634]	5,328.98	5,309.82	19.17	5,323.69		2.12	3.17		
FAULKNER HOSPITAL [Facility AQ ID: 1190549]	5,320.42	5,305.95	14.47	4,284.81		8.06	1,021.57		5.98
The President & Fellows of Harvard College/Southborough Campus [Facility AQ ID: 1190916]	5,289.15	5,266.18	22.97	5,257.67		2.20	29.28		
ENTEGRIS INC [Facility AQ ID: 1191882]	5,271.00	5,271.00		5,271.00					
IXYS IC DIVISION	5,232.39	5,229.51	2.88	984.35		0.36	43.08	956.17	3,248.44
NEWCORR PACKAGING INC [Facility AQ ID: 1180227]	5,228.42	4,955.58	272.84	5,194.81		2.10	31.51		
NORTHFIELD MT HERMON - GILL [Facility AQ ID: 0420550]	5,161.85	4,981.41	180.44	3,335.87	1,775.68	4.93	11.41		33.95
INVENSYS SYSTEMS [Facility AQ ID: 1200125]	5,156.61	5,125.18	31.43	4,706.85		1.88	3.73		444.14
PIANTEDOSI BAKING COMPANY [Facility AQ ID: 1190782]	5,040.28	4,988.68	51.60	3,093.92		1.23	1.96		1,943.18
EXELON WEST MEDWAY LLC [Facility AQ ID: 1200133]	5,011.82	4,986.16	25.66	4,993.50		4.27	12.73		1.31
MERRIMACK COLLEGE [Facility AQ ID: 1210164]	4,999.94	4,721.67	278.27	4,709.41		6.00	29.99		254.55
SOUTHWORTH PAPER TURNERS FALLS MILL [Facility AQ ID: 0420100]	4,968.86	4,964.18	4.68	4,934.99		1.86	27.61		4.40

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
MIT LINCOLN LABORATORY [Facility AQ ID: 1190723]	4,912.72	4,606.73	305.99	1,157.84		1.06	7.32	298.75	3,447.75
Quad/Graphics Marketing, LLC [Facility AQ ID: 0420190]	4,866.39	4,742.91	123.48	4,775.59		12.47	12.49		65.84
MBTA COMMUTER RAIL MAINTENANCE FACILITY [Facility AQ ID: 1191612]	4,729.68	4,525.09	204.59	4,723.75		1.96	3.98		
TEXTRON SYSTEMS CORPORATION [Facility AQ ID: 1191269]	4,543.46	4,499.36	44.10	4,320.64		1.54	21.84		199.44
BHA MARY ELLEN MCCORMICK [Facility AQ ID: 1190100]	4,480.25	4,464.25	15.99	4,466.88		8.84	2.75		1.79
ATLANTIC UNION COLLEGE [Facility AQ ID: 1180045]	4,422.51	4,405.43	17.08	4,407.51		4.06	10.95		
PLAINVILLE LANDFILL [Facility AQ ID: 1200354]	4,352.44	4,342.63	9.80	552.07	110.68	3,620.20	0.48		69.00
NEWLY WEDS FOODS INC (Facility AQ ID: 1191181)	4,343.77	4,343.77		4,339.53		1.71	2.53		
CHICOPEE LANDFILL [Facility AQ ID: 0420247]	4,248.28	4,244.59	3.70	1,722.77	1,662.36	735.26	7.13		120.76
UMASS MEMORIAL MEDICAL CENTER-HAHNEMANN CAMPUS [Facility AQ ID: 1180122]	4,187.66	4,187.66		4,006.98		1.57	179.12		-
QUISSETT CAMPUS (WHOI) [Facility AQ ID:1200555]	4,182.85	3,997.10	185.75	3,824.12		2.92	8.84	238.50	108.47
ST LUKES HOSPITAL [FACILITY AQ ID: 1200154]	4,165.59	4,155.17	10.41	3,581.73		1.32	126.28		456.25
GILLETTE COMPANY THE [Facility AQ ID: 1210063]	4,120.02	4,116.85	3.16	4,098.11		1.47	20.44		
BHA BROMLEY HEATH TMC [Facility AQ ID: 1190805]	4,068.68	4,057.41	11.27	4,056.29		8.02	2.84		1.53
BFI HALIFAX LANDFILL [Facility AQ ID: 1200220]	4,034.41	4,034.41		1,449.62	1,721.74	856.38	6.67		
AXCELIS TECHNOLOGIES INC [Facility AQ ID:1191846]	4,028.54	4,010.62	17.92	2,035.99		0.77	10.90	1,929.67	51.22
FRAMINGHAM STATE COLLEGE [Facility AQ ID: 1190584]	3,961.69	3,659.06	302.63	3,915.18	25.83	1.45	19.23		
VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES [Facility AQ ID: 1190804]	3,920.30	3,844.22	76.08	1,189.38		0.45	5.27	2,244.09	481.11
FRIENDLY ICE CREAM, LLC (Facility AQ ID: 0420390)	3,871.00	3,342.56	528.44	2,416.06		0.70	1,384.51		69.74
CROWN BEVERAGE PACKAGING USA [Facility AQ ID: 1210088]	3,853.15	3,772.67	80.48	3,849.45		1.49	2.20		
Beverly Hospital [Facility AQ ID: 1190715]	3,787.09	3,757.72	29.38	3,505.39		1.59	18.34		261.77
UMASS LOWELL SOUTH CAMPUS [Facility AQ ID: 1210040]	3,751.55	3,408.16	343.40	3,522.06		1.62	17.43		210.44

Facility	Facility Total	Stationary	MV	Fossil CO <sub>2</sub>	Biogenic CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	HFCs and PFCs
SAINTS MEDICAL CENTER [Facility AQ ID 1210181]	3,739.48	3,718.93	20.56	3,553.90		1.32	177.80		6.47
NORTH CENTRAL CORRECTIONAL INSTITUTE [Facility AQ ID: 1180032]	3,728.68	3,469.65	259.03	3,710.34		1.37	16.97		
TL EDWARDS INC [in Plymouth] [Facility AQ ID: 1200370]	3,504.99	2,572.59	932.41	3,482.28		2.59	10.91		9.21
ST JOSEPHS ABBEY [Facility AQ ID: 1181258]	3,485.64	3,405.34	80.30	483.66	3,000.49	0.56	0.94		
NSTAR ELECTRIC STATION 514 [Facility AQ ID: 1193625]	3,453.55	3,453.55						3,453.55	
WILLIAM A HINTON STATE LABORATORY INSTITUTE (Facility AQ ID: 1190017)	3,268.73	3,268.73		3,208.33		2.72	8.05		49.63
CALLAWAY GOLF BALL OPERATIONS INC [Facility AQ ID: 0420014]	3,128.65	3,105.73	22.92	3,111.49		1.08	16.08		
VERYFINE PRODUCTS INC [Facility AQ ID: 1210907]	2,909.54	2,766.46	143.08	2,559.77	163.72	1.25	15.51		169.30
TENNESSEE GAS PIPELINE CO (WORCESTER) [Facility AQ ID: 1181412]	2,883.97	2,883.97		1.33		2,882.64			
BARRDAY COMPOSITE SOLUTIONS [Facility AQ ID: 1180452]	2,826.96	2,826.96		2,799.04		24.15	3.77		
SOUTHBRIDGE POWER & THERMAL LLC [Facility AQ ID: 1180264]	2,693.68	2,693.68		2,678.63		0.96	14.10		
HAZEN PAPER COMPANY [Facility AQ ID: 0420128]	2,653.83	2,609.73	44.09	2,633.80		1.07	18.95		-
AR METALLIZING [Facility AQ ID: 1200137]	2,624.69	2,624.69		2,604.45		8.11	12.14		
MIDDLE EAST BAKERY INC (Facility AQ ID: 1210700)	2,584.13	2,584.13		2,584.13					
MBTA SOUTH BOSTON POWER [Facility AQ ID: 1191667]	2,547.51	2,547.51		2,541.16		1.61	4.75		
DALKIA ENERGY SERVICES LLC [Facility AQ ID: 1192016]	2,355.52	2,355.52		2,352.92		1.21	1.39		
FOUNTAIN PLATING COMPANY [Facility AQ ID: 0420187]	2,208.40	2,158.58	49.82	2,170.47		0.77	11.15		26.02
HOLLINGSWORTH & VOSE WALPOLE [Facility AQ ID: 1190260]	1,992.26	1,990.04	2.23	1,990.23		0.80	1.23		
BHA OLD COLONY DEVELOPMENT [Facility AQ ID: 1191378]	1,928.34	1,911.08	17.26	1,923.12		3.80	1.26		0.17
NORTHAMPTON LANDFILL [Facility AQ ID: 0420068]	1,905.97	1,898.85	7.13	31.73	1,210.51	658.44	4.54		0.75
MIDDLEBOROUGH GAS & ELECTRIC GAS DIVISION OFFICE [Facility AQ ID 1201071]	1,777.94	1,536.54	241.40	383.57		1,369.73	1.88		22.76
EXELON FRAMINGHAM LLC [Facility AQ ID: 1190500]	1,716.30	1,716.13	0.17	1,710.37		1.50	4.43		
ALLEGRO MICROSYSTEMS INC [Facility AQ ID: 1180358]	1,705.76	1,701.98	3.78	1,698.44		0.61	6.71		-

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SHREWSBURY ELECTRIC AND CABLE OPERATIONS [Facility AQ ID: 1180664]	1,399.32	1,399.32		1,394.63		1.19	3.51		
INTERPRINT INC [Facility AQ ID: 1170013]	1,362.13	1,207.58	154.55	1,356.21		1.65	4.27	-	-
PJ KEATING COMPANY [Facility AQ ID: 1210258] - Dracut	1,253.66	1,159.25	94.41	1,251.64		0.57	1.45		
BOSTON SHIP REPAIR LLC [Facility AQ ID: 1191435]	1,084.46	1,084.46		1,080.80		0.93	2.74		
ITW DEVCON PLEXUS [Facility AQ ID: 1190683]	1,041.72	1,041.72		1,040.70		0.41	0.61		
MCI NORFOLK [Facility AQ ID: 1190581]	1,001.95	694.87	307.08	999.19		0.69	2.07		
FITCHBURG EAST WASTEWATER TREATMENT PLANT [Facility AQ ID: 1180938]	970.89	875.70	95.19	677.56		0.25	293.08		0.00
SUDEKOR LLC [Facility AQ ID: 0420314]	844.41	829.19	15.22	843.50		0.34	0.56		
CHICOPEE ELECTRIC LIGHT [Facility AQ ID: 0420232]	764.92	764.92		764.06		0.82	0.04		
EXELON NEW BOSTON LLC [Facility AQ ID: 1190012]	749.23	748.68	0.55	746.65		0.65	1.93		
IDEAL TAPE COMPANY [Facility AQ ID: 1210036]	744.25	744.25		743.53		0.29	0.43		
HOOD COATINGS [Facility AQ ID: 1210102]	461.76	461.76		460.65		0.16	0.96		
GLOBAL PETROLEUM CORPORATION [Facility AQ ID: 1190487]	374.89	374.89		373.63		0.32	0.94		
HUDSON LIGHT & POWER DEPARTMENT [Facility AQ ID: 1190904]	333.18	333.18		332.51		0.20	0.47		
EASTERN ETCHING AND MANUFACTURING [Facility AQ ID: 0420149]	295.05	291.04	4.02	289.55		0.11	1.63		3.77
NANTUCKET ELECTRIC COMPANY [Facility AQ ID: 1200284]	288.73	213.22	75.51	287.91		0.19	0.62		
IPSWICH MUNICIPAL ELECTRIC POWER PLANT [Facility AQ ID: 1190766]	171.03	103.08	67.95	166.20		4.52	0.31		
ALLIANCE LEATHER INC [Facility AQ ID: 1190185]	146.75	146.75		145.93		0.05	0.77		
EXXON MOBIL OIL CORPORATION EVERETT [Facility AQ ID: 1190484]	143.42	128.99	14.44	128.19		0.03	0.26		14.94
MUSTANG MOTORCYCLE PRODUCTS LLC [Facility AQ ID: 0420307]	116.14	116.14		115.71		0.11	0.32		
GULF OIL LP CHELSEA [Facility AQ ID: 1190483]	109.93	109.93		79.08		30.68	0.17		
MARBLEHEAD MUNICIPAL LIGHT COMMERCIAL [Facility AQ ID: 1190915]	86.84	86.84		86.38		0.25	0.22		
SUNOCO PARTNERS MARKETING & TERMINALS LP EAST BOSTON TERMINAL [Facility AQ ID: 1190481]	74.24	71.51	2.73	72.34		1.90			
NRG CANAL LLC OAK BLUFFS [Facility AQ ID: 1200352]	54.09	49.86	4.23	53.92		0.04	0.13		
CITGO PETROLEUM CORPORATION [Facility AQ ID: 1190485]	49.02	49.02		48.97		0.02	0.03		

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NRG CANAL LLC WEST TISBURY [Facility AQ ID: 1200902]	44.35	44.35		44.20		0.04	0.11		
IRVING OIL TERMINALS [Facility AQ ID: 1190490]	35.66	33.56	2.10	35.54		0.03	0.09		
EXXON MOBIL OIL CORPORATION SPRINGFIELD [Facility AQ ID: 0420202]	27.36	26.37	0.99	27.30		0.01	0.05		-
MARBLEHEAD MUNICIPAL LIGHT WILKINS [Facility AQ ID: 1190976]	16.82	16.82		16.76		0.01	0.04		
MT TOM GENERATING COMPANY LLC [Facility AQ ID: 0420040]	15.28	0.56	14.72	15.15		0.02	0.11		
<b>Total</b>	<b>18,959,938</b>	<b>18,797,226</b>	<b>146,403</b>	<b>15,256,442</b>	<b>2,263,380</b>	<b>1,090,279</b>	<b>179,147</b>	<b>48,452</b>	<b>106,74</b>