

**INTERRUPTIBLE
GAS SERVICE SCHEDULE - NO. 2**

AVAILABILITY

Interruptible gas service is available under this schedule for boiler use to Commercial and Industrial customers using No. 2 fuel oil who are located adjacent to the Department's existing distribution mains, which mains have adequate capacity so that gas delivered hereunder will not impair service to other customers.

Gas supplied hereunder shall be separately metered and used only in such equipment as approved by the Department. In no case shall the gas be used interchangeably with that supplied under any other rate schedule of the Department. Reference is made to the "dual fuel" provisions contained herein.

CHARACTER OF SERVICE

An interruptible supply of gas containing not less than 1,000 BTU cubic foot.

RATE - APPLIED MONTHLY

All gas purchased under this schedule at a rate computed as follows:

Rate \$/CCF = No.2 Oil Price x GAS BTU+A

OIL BTUx42 -

Where:

No. 2 Oil Price:Low posting 2.2% sulpher at New Haven Harbor per Journal of Commerce.
\$/barrel.

Gas BTU:Average heat value of natural gas delivered BTU/CCF.

Oil BTU:140,000 BTU/Gallon

A:Adjustment such that rate would be above volume
(Commodity + Dekatherm) cost of gas supplied. \$/CCF

NOTICE OF PRICE CHANGE

Notice of price change will be provided by telephone 12 hours in advance of change confirmed promptly in writing.

MINIMUM CHARGE

The minimum charge will be \$500 per year.

DISCOUNT

Discount does not apply to this schedule.

INTERRUPTION OF SERVICE

Gas supplied hereunder is subject to interruption at any time upon twelve (12) hours notice to the customer who shall discontinue entirely the use of gas until notified by the Department that it is again available. The determination of the necessity for interrupting gas service shall be made

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solely by the Department in each instance and shall be final and binding. The interruption of gas service shall not be the basis for claims or damages, if any, sustained by the customer by reason of such interruption.

NON-COMPLIANCE WITH NOTICE TO DISCONTINUE USE

If the customer fails to discontinue the use of gas after receiving notice to do so from the Department, the bill for gas subsequently used shall be at the rate of \$15.00 per mcf. However, if such failure to discontinue is due to the customer's dual fuel equipment being temporarily inoperable, the Department at its option, may bill the customer for gas subsequently used during the emergency at the rate of \$7.50 per mcf, provided service to other customers is not impaired and provided also that the customer proceeds as expeditiously as possible to repair his dual fuel equipment.

DUAL FUEL EQUIPMENT

The customer shall install and maintain in usable condition dual fuel burning equipment and keep on hand an adequate supply of alternate fuel use when gas service is interrupted.

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 supply year. The basic period of interruptible supply under this schedule is from April 1st to November 1st.

TERMS AND CONDITIONS

Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

**INTERRUPTIBLE
GAS SERVICE SCHEDULE - NO. 6**

AVAILABILITY

Interruptible gas service is available under this schedule for boiler use to Commercial and Industrial customers using No.6 fuel oil who are located adjacent to the Department's existing distribution mains, which mains have adequate capacity so that gas delivered hereunder will not impair service to other customers.

Gas supplied hereunder shall be separately metered and used only in such equipment as approved by the Department. In no case shall the gas be used interchangeably with that supplied under any other rate schedule of the Department. Reference is made to the "dual fuel" provisions contained herein.

CHARACTER OF SERVICE

An interruptible supply of gas containing not less than 1,000 BTU cubic foot.

RATE - APPLIED MONTHLY

All gas purchased under this schedule at a rate computed as follows:

Rate \$/CCF = No.6 Oil Price x GAS BTU+A
OIL BTUx42 -

Where:

No. 6 Oil Price:Low posting 2.2% sulpher at New Haven Harbor per Journal of Commerce.
\$/barrel.

Gas BTU:Average heat value of natural gas delivered BTU/CCF.

Oil BTU:150,000 BTU/Gallon

A:Adjustment such that rate would be above volume
(Commodity + Dekatherm) cost of gas supplied. \$/CCF

NOTICE OF PRICE CHANGE

Notice of price change will be provided by telephone 12 hours in advance of change confirmed promptly in writing.

MINIMUM CHARGE

The minimum charge will be \$500 per year.

DISCOUNT

Discount does not apply to this schedule.

INTERRUPTION OF SERVICE

Gas supplied hereunder is subject to interruption at any time upon twelve (12) hours notice to the customer who shall discontinue entirely the use of gas until notified by the Department that it is again available. The determination of the necessity for interrupting gas service shall be made

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solely by the Department in each instance and shall be final and binding. The interruption of gas service shall not be the basis for claims or damages, if any, sustained by the customer by reason of such interruption.

NON-COMPLIANCE WITH NOTICE TO DISCONTINUE USE

If the customer fails to discontinue the use of gas after receiving notice to do so from the Department, the bill for gas subsequently used shall be at the rate of \$15.00 per mcf. However, if such failure to discontinue is due to the customer's dual fuel equipment being temporarily inoperable, the Department at its option, may bill the customer for gas subsequently used during the emergency at the rate of \$7.50 per mcf, provided service to other customers is not impaired and provided also that the customer proceeds as expeditiously as possible to repair his dual fuel equipment.

DUAL FUEL EQUIPMENT

The customer shall install and maintain in usable condition dual fuel burning equipment and keep on hand an adequate supply of alternate fuel use when gas service is interrupted.

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 supply year. The basic period of interruptible supply under this schedule is from April 1st to November 1st.

TERMS AND CONDITIONS

Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed June 15, 1985

CITY OF HOLYOKE

Effective June 15, 1985

GAS & ELECTRIC DEPARTMENT

Cancels -

**STANDARD PURCHASED GAS
ADJUSTMENT SCHEDULE**

AVAILABILITY

This service is applicable to the firm gas rate schedule of the Department.

PURCHASED GAS ADJUSTMENT

This schedule establishes the procedure to be followed, for adjusting, on a monthly basis, the Department's firm gas rate schedules, in order to track, on a periodic basis, the changes in the cost of purchased gas.

The purchased gas adjustment charge may be increased or decreased, whenever the cost of purchased gas varies above or below the base cost of \$.425 per ccf. The purchased gas adjustment is a function of the total pipeline and supplemental gas costs, less gas costs for the Department use and non-firm sales, less refunds from suppliers, plus or minus the cumulative total in the purchased gas account, all divided by the firm gas sales. The resultant purchased gas adjustment minus the imbedded cost of \$.425 per ccf, establishes the new purchased gas adjustment.

The monthly bill share be increased or decreased by multiplying the total ccf billed each month by the purchased gas adjustment, calculated as follows:

$$PGA = \frac{Cg - Cd - Cr + Ca - Cb}{FS}$$

- Cg: Total pipeline and supplemental costs for all gases purchased.
- Cd: Cost of gas for Department use and non-firm sales.
- Cr: Refunds received from suppliers, both pipeline and supplemental.
- Ca: Cumulative total in purchased gas account.
- Cb: Base cost of gas (\$.425 per ccf).

Filed October 1, 1998

Effective October 1, 1998

GAS SCHEDULE "A"

AVAILABILITY

Service under this schedule is available for all residential purposes in an individual private dwelling or an individual apartment. In the case of a multiple dwelling in which the energy is measured by a master meter, each step of the rate shall be multiplied by the number of apartments.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$6.00
First 40 ccf @ \$1.017 per ccf
All Over 40 ccf @ \$.767 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation - ccf

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "GB - 1"
SMALL GENERAL SERVICE**

AVAILABILITY

Service under this schedule is available for commercial and industrial customers and municipal buildings having an annual usage of less than 5,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$10.00

First 200 ccf @ \$.917 per ccf

Excess 200 ccf @ \$.837 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "GB - 2"
MEDIUM GENERAL SERVICE**

AVAILABILITY

Service under this schedule is available for commercial and industrial customers and municipal buildings having an annual usage greater than 5,000 ccf and less than 40,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$20.00

First 600 ccf @ \$.867 per ccf

Excess 600 ccf @ \$.817 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "GB - 3"
LARGE GENERAL SERVICE**

AVAILABILITY

Service under this schedule is available for commercial and industrial customers and municipal buildings having an annual usage greater than 40,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$60.00
First 10,000 ccf @ \$.837 per ccf
Excess 10,000 ccf @ \$.787 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "GB - 4"
INDUSTRIAL CONTRACT GAS SERVICE**

AVAILABILITY

Service under this schedule is available for industrial customers primarily engaged in manufacturing who have executed a long term contract and who have an annual usage greater than 100,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$90.00
First 10,000 ccf @ \$.65 per ccf
Excess 10,000 ccf @ \$.50 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "AG - 1"
SMALL GENERAL SERVICE AGRICULTURE**

AVAILABILITY

Service under this schedule is available to persons or corporations engaged in the business of agriculture or farming having an annual usage of less than 5,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$9.00

First 200 ccf @ \$.825 per ccf

Excess 200 ccf @ \$.753 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This contract is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "AG - 2"
MEDIUM GENERAL SERVICE AGRICULTURE**

AVAILABILITY

Service under this schedule is available to persons or corporations engaged in the business of agriculture or farming having an annual usage greater than 5,000 and less than 40,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$18.00
First 10,000 ccf @ \$.780 per ccf
Excess 10,000 ccf @ \$.735 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This contract is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed January 13, 2003

Effective February 13, 2003

**GAS SCHEDULE "AG - 3"
LARGE GENERAL SERVICE AGRICULTURE**

AVAILABILITY

Service under this schedule is available to persons or corporations engaged in the business of agriculture or farming having an annual usage greater than 40,000 ccf.

CHARACTER OF SERVICE

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

RATE - APPLIED MONTHLY

Customer Charge \$54.00
First 10,000 ccf @ \$.753 per ccf
Excess 10,000 ccf @ \$.708 per ccf

Definition of the gas unit for purposes of this schedule is one hundred cubic feet - abbreviation ccf.

MINIMUM CHARGE

Customer charge per month.

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED GAS ADJUSTMENT

There shall be an adjustment in rate due to cost of gas as provided in the Department's Standard Purchased Gas Adjustment Schedule in effect from time to time.

TERMS AND CONDITIONS

This contract is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

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FIRM GAS TRANSPORTATION RATE

AVAILABILITY

1. This tariff is applicable to all gas purchased by a customer from a third party producer or marketer. The gas must be delivered to the Department's distribution system via an interstate pipeline. Once the gas has been received by the Department, the Department will transport the gas to the Customer's premises on a firm basis. This service is only available to those customers, which execute a 12-month contract for the service provided herein. This service is applicable only to customers, which transport in excess of 40,000 ccf/year.
2. Optional standby sales service is also offered under this rate. Customers opting not to purchase standby service shall have no right or claim to gas provided by the Department.
3. Daily and monthly balancing service is a part of this tariff and is mandatory to all customers on this tariff.
4. As a requirement of the balancing services, the Department requires all transportation customers to have a real time metering. The customer shall be responsible for and make direct arrangements for transmitting information to the Mueller Road Control Center via telephone lines or other approved methods. The customer shall be responsible for the cost of the equipment necessary to transmit the real time metering information along with the cost of the telephone service. The telemetering equipment shall conform to the specifications of the Holyoke Gas & Electric Department.

CHARACTER OF SERVICE

1. This service provides for the firm transportation of third party gas delivered to the Department on behalf of a customer. Under this service, the Department will deliver such gas as received by the third party to the customer's meter. This transportation service is firm only to the extent that the third party gas is delivered to the Department.

CONTRACT REQUIREMENTS

1. The customer shall execute a Service Agreement with the Department, which specifies the Maximum Daily Quantities of gas to be transported.
2. Maximum Daily Quantity: After consulting with the customer, the Department will assign a Maximum Daily Delivery Quantity (MDQ). The MDQ is defined as the maximum customer nomination for delivery of gas per day or the highest daily demand actually taken per day. The MDQ will remain in effect for the 12-month period following the execution of the transportation contract between the Department and the Customer. In the event that the customer exceeds this MDQ on any given day during any 12-month period, the Customer shall be considered to have immediately increased the MDQ to the actual maximum level consumed and such increased MDQ shall remain in effect for the next subsequent 12 months.

Rates and Charges for Firm Transportation Service

The Department will meter the customer's volumes at only one location, specifically at the gas service entrance. In the event that there are multiple service entrances at one location, all meters located at these entrances shall be considered as individual transportation customers and shall conform to the requirements of the tariff. A prompt payment discount of 10% will be allowed on the current gross bills provided the bill is paid in full within 15 days of the bill.

Customer Charge

The customer charge for Firm Transportation service shall be \$66.00 per month per meter.

Gas Supply Realignment Charge

The GSR Surcharge will be \$.216/ccf/day of MDQ. This surcharge will expire once the pipeline terminates the charge to the Department for the Gas Supply Realignment Charge.

Environmental Charge

This charge is for the costs incurred for the environmental cleanup of the manufactured gas plant located in the City of Holyoke as mandated by the Federal and State regulatory agencies. This charge will remain in place until the remediation process of this site has been completed or until such time that all expenses for the site have been recovered. This charge will change from year to year, depending upon the costs the Department has budgeted.

Energy Charge

This charge is for the costs incurred by the Department for transporting gas through its Distribution system.

3. The monthly rates and charges are as follows:

Customer Charge:\$66.00
Energy Charge:\$.026/ccf
Demand Charge:\$1.75/ccf/day of MDQ
GSR Charge:\$.216/ccf/day of MDQ
Environmental Charge:\$.067/ccf

For example, the charge for a customer electing an MDQ of 150 ccf/day and who uses 2,200 ccf in a month would be charged as follows:

Customer Charge:\$66.00
Energy Charge:\$57.20 (\$.026/ccf*2,200 ccf)
Demand Charge:\$262.50 (\$1.75/ccf/day*150 ccf/day)
GSR Surcharge:\$32.40 (\$.216/ccf/day*150 ccf/day)
Environmental Charge:\$147.40 (\$.067/ccf*2200 ccf)
Total:\$565.50
Less 10% Prompt
Payment:\$56.55
Total (Net)\$508.95

This amount does not include the cost of gas received from a third party for the transportation customer.

Receipt and Delivery

4. The customer shall be responsible for securing delivery of Customer-owned gas to the Department's system at the Department's designated receipt point(s).

5. The receipt point shall be at a pipeline city gate station as specified in the contract and assigned by the Department.

6. The Department shall retain 3% of volumes delivered to the city gate for a lost and unaccounted adjustment and the Department shall only be obligated to deliver 97% of volumes received.

LOAD BALANCING

1. **Character of Service:** The Department agrees to provide customer with daily and monthly balancing services within the parameters outlined in paragraph 5. The Department agrees to use its gas resources, including but not limited to storage and standby service, to accept Customer's daily over deliveries and to provide Customer with gas to compensate for daily under deliveries.

2. **Customer Nominations and Gas Deliveries:** Customer shall be responsible for promptly advising the Department of its daily nomination of gas intended to be received by the Department on behalf of Customer. Customer shall be responsible for promptly providing the Department with pipeline daily confirmation reports reflecting the actual amount of gas delivered to the Department each day on behalf of Customer. Daily nominations must be received by 10:00 a.m. one day prior to the date that a change in the daily nomination is intended to become effective. If no third party gas arrives on behalf of the transportation customer, the customer will be off line and receive no gas, unless the customer has signed for the optional standby service. In the event that those customers who did not sign up for the standby service has its deliveries interrupted it will be notified to go off line. If the customer, after notification does not go off line, all volumes taken will be charged at \$2.50 per ccf. If the Department's ability to deliver gas to non-transportation customers is impaired by the transportation customer's actions, the Department reserves the right to shut off the gas supply at the main.

3. **Determination of Daily Imbalances:** Customer's daily imbalance shall be equal to the difference between the amount of gas nominated by the customer and confirmed by the Department each day, and customer's actual volumes, (adjusted for losses), as determined from daily meter readings at customer's facility. A daily **under delivery** shall be deemed to occur whenever daily deliveries on behalf of Customer are less than Customer's actual nomination, (adjusted for losses), as determined from daily meter readings at Customer's facility. A daily **over delivery** shall be deemed to occur whenever deliveries on behalf of Customer are more than Customer's actual nomination, (adjusted for losses), as determined from daily meter readings at Customer's facility.

4. **Determination of Monthly Imbalances:** Customer's monthly imbalances shall be equal to the difference between the total volume of gas nominated by the Customer each month and confirmed by the Department, and Customer's actual transportation volumes (adjusted for losses) as determined from meter readings at Customer's facility.

5. **Charge for Imbalances:** The Department's rate for daily imbalances is as follows:

A daily surcharge of \$.04836/ccf will apply to all volumes in excess of 110% or less than 90% of their daily nominated quantity unless an Operational Flow Order (OFO) is in effect from the pipeline company. In this case, the balancing charge will be \$2.50/ccf. These charges shall be in addition, not in lieu of, other transportation charges. Prompt Payment discount does not apply to imbalance charges.

The charge of imbalances does not apply when the customer's total deliveries are interrupted and not received at the gate station. As outlined under Customer Nominations and Gas Deliveries, if a customer, who does not have standby service, and does not go off line when notified of this condition, all volumes taken by customer will be charged at \$2.50 per ccf. If the Department's ability to deliver gas to non-transportation customers is impaired by the transportation customer's actions, the Department reserves the right to shut off the gas supply at the main.

Charge for Monthly Imbalances: customers must cash out their cumulative monthly imbalances. At the end of each calendar month the Department shall determine the cumulative monthly imbalances as determined in item 4 above. For cumulative monthly over deliveries, the Department will cash out such over deliveries based on the schedule.

Monthly Excess Deliveries

0-10%	100% Index
10%-15%	115%
15%-20%	130%
20%-25%	140%
25%+	150%

The Customer will buy the volumes associated with the monthly over deliveries from the Department at the above index price depending upon the tier in which the over deliveries fall. For cumulative under deliveries, the Department will cash out such under deliveries based on the following schedule:

Monthly Under Deliveries to the Customer's Meter

0-10%	100% Index
10%-15%	85%
15%-20%	70%
20%-25%	60%
25%+	50%

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Effective February 13, 2003

The customer will sell the volumes associated with the monthly under deliveries to the Department at the above index price depending upon the tier in which the under deliveries fall.

The index price shall be 28% of the Texas (Zone 0) index plus 72% of the Louisiana (Zone 1) index for spot prices published in Inside FERC's Gas Market Report for on-shore and offshore gas delivered into the Tennessee Gas Pipeline system. The Report is published by McGraw Hill, Inc., 1221 Avenue of the Americas, New York, New York, 10020. The Index will be computed as the simple average of the Louisiana (Zone 1) and Texas (Zone 0) prices.

STANDBY SALES SERVICE

1. This service is optional. This service is available for the winter and summer periods. For customers opting for this service, the standby sales is a firm service under which the Company agrees to provide firm gas sales service to the Customer, in the event their gas is not delivered to the city gate station or, in the event of force majeure from the pipeline. In the event of a force majeure from the pipeline, this service will be on a best efforts basis.

2. Customers electing such service must identify a portion, up to 100% of their MDQ as their Maximum Daily Standby Quantity (MDSQ) for each season, 10 working days prior to start of the season.

3. The standby rate is as follows: \$3.08/ccf/day

This rate is based upon the winter period MDSQ. The winter period is defined as the period commencing November 1 and ending April 30. The summer period is defined as the period commencing May 1 and ending October 31. The cost of purchased gas under the stand by service shall be defined as the total rolled in cost of natural gas delivered to the Department, including Liquefied Natural Gas, Propane Air, and storage gas for the month in which the service is used plus 15%.

The standby charge will be assessed on a monthly basis per six-month period by season. For example, a customer who has a winter MDSQ of 150 ccf/day will be charged each month (\$3.08/ccf/day*150 ccf/day) or \$462.00 plus the cost of gas as defined in paragraph 3 above. A prompt payment discount of 10% will be applied to this service, provided the bill is paid in full within 15 days of date of bill.

4. A penalty charge of \$1.66/ccf will be assessed on each volume of gas taken by the customer under Standby sales service, which exceeds their MDSQ. If the Department's ability to deliver gas to non-transportation customers is impaired by the transportation customer's actions, the Department reserves the right to shut off the gas supply at the main.

FORCE MAJEURE

1. If the Department is rendered unable to wholly or in part, carry out its obligation under this agreement because of force majeure, the obligations of the Department shall be suspended until

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such time as the cause for suspension has been remedied using the existing practices of the gas distribution industry.

2. If the Customer is rendered unable to wholly or in part, carry out its obligations under these provisions because of force majeure, the obligations of the Customer, other than the obligation to make all payments hereunder, shall be suspended until such time as the cause for suspension has been remedied.

3. Definition Force Majeure: The term "force majeure" as employed herein shall include acts of God, strikes, lockouts, wars, riots, insurrections, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of rulers and people, interruptions by government or court orders, civil disturbances, explosions, and any other cause whether of the kind herein defined or otherwise, not within the control of the party claiming suspension and which, by the exercise of reasonable foresight, such party is unable to avoid and, by the exercise of due diligence, such party is unable to overcome.

Summary of Firm Gas Transportation Charges

Mandatory

Customer Charge \$66 per month
Energy Charge \$0.026/ccf
Demand Charge \$1.75/ccf/day of MDQ
GSR Charge \$0.216/ccf/day of MDQ
Environmental Charge \$.067/ccf

Volumes taken after supplier \$2.50/ccf
Interruption & no standby

Daily Load Balancing

Daily volumes in excess of 110% of daily nomination \$.04836/ccf
Daily volumes less than 90% of daily nomination \$.04836/ccf

Daily volumes taken during OFO \$2.50/ccf

Monthly Over Deliveries to the Customer's Meter

0-10%	100% Index
10%-15%	115%
15%-20%	130%
20%-25%	140%
25%+	150%

The customer will buy the volumes associated with the monthly over deliveries from the Department at the above index price depending upon the tier in which the over deliveries fall. For cumulative under deliveries, the Department will cash out such under deliveries based on the following schedule:

Monthly Under Deliveries to the Customer's Meter

0-10%	100% Index
10%-15%	85%
15%-20%	70%
20%-25%	60%
25%+	50%

The customer will sell the volumes associated with the monthly under deliveries to the Department at the above index price depending upon the tier in which the under deliveries fall.

Standby Service

Demand \$3.08/ccf/day

Daily volumes taken over the customer's max daily standby quantity, \$1.66/ccf/day

**HYDROELECTRIC POWER
REDUCTION CLAUSE**

AVAILABILITY

This clause is applicable to Department electric rate schedules which provide service to residential customers only.

HYDROPOWER ADJUSTMENT

The cost per KWH for all energy will be adjusted downward due to the savings in power costs resulting from the purchase by the Department of hydroelectric power from the Niagara and St. Lawrence projects. The savings in cost per KWH will be determined by computing the savings in power costs including production, fuel and transmission costs and dividing by the concurrent KWH sold for residential purposes. The credit applied will be adjusted upward or downward from time to time such that the savings in power costs will accrue entirely to the Department's residential customers.

DISCOUNT

No discount applies.

Filed August 15, 1985

Effective September 1, 1985

**STANDARD PURCHASED POWER
ADJUSTMENT CLAUSE**

AVAILABILITY

This clause is applicable to all electric rate schedules.

PURCHASED POWER ADJUSTMENT

The cost per KWH for all energy will be adjusted upward or downward for changes in fuel and purchased power costs above or below the base amount of \$.065 per KWH. When the total cost of fuel and purchased power varies above or below the above base cost a charge or credit per KWH will be applied to all energy sold such that the cost or credit will be recovered or returned over time.

DISCOUNT

No discount applies.

Filed November 19, 1985

Effective December 1, 1985

METERBASE SURGE PROTECTION

AVAILABILITY

This service is available to most residential, commercial, and industrial customers.

RATE-APPLIED MONTHLY

Meterbase Surge Protection \$3.75

DISCOUNT

No discount applies to meterbase surge protection devices.

TERMS AND CONDITIONS

The above monthly rate for the meterbase surge protection devices includes the cost of all material and labor.

A warranty registration card will be required to be filled out upon the purchase of a point-of-use device and the City of Holyoke Gas & Electric Department will not be responsible for warranties and guarantees of the point-of-use device.

Massachusetts State Sales Tax will be added to the cost of the point-of-use devices at the time of billing.

This contract shall be for one (1) year and then cancelable on thirty (30) days notice. If a device is used for less than one (1) year, the customer will pay \$35 removal fee. There shall be no removal charge if agreement is canceled after the initial one (1) year period.

Filed March 31, 1998

Effective March 1, 1998

SCHEDULE 3- ELECTRIC RATE (Effective date: July 1, 2003 through June 30, 2018)

LARGE INDUSTRIAL II CONTRACT SCHEDULE

AVAILABILITY

Service under this schedule is available to industrial users who are primarily engaged in manufacturing who have executed a long term contract, have a minimum monthly demand of 2000 KW and a minimum monthly consumption of 1,500,000 kWh per month.

RATE – APPLIED MONTHLY (2011 Rates)

Customer Charge	\$500.00			
	Billed Rate	Billed Rate	Effective*	Effective*
	Consumption	Demand		
	<u>\$/kWh</u>	<u>\$/kW</u>	<u>Demand, \$/kWh</u>	<u>All-in, \$/kWh</u>
Energy Charge:	0.04208	9.52	0.016125	0.05820
Transmission Charge:	0.00136	2.05	0.003472	0.00483
Distribution Fixed:	0.00406	0.00	0.000000	0.00406
Distribution Variable:	0.00226	3.69	0.006250	0.00827

*For illustrative purposes only, assumes 82% load factor, 720 hours per month

DEMAND

The demand charge will be the highest thirty-minute average demand during the Department's on-peak hours for the billing period.

POWER FACTOR CHARGE

An additional charge of \$.001 per kWh will be added to bills in any month where a power factor of 85% is not maintained.

ANNUAL ENERGY CHARGE ADJUSTMENT

Each January 1, beginning in 2004, the Electric Energy Charge will be adjusted by multiplying the current year Energy Charge by the ratio of the immediately preceding year's WPU-054 as published by the Bureau of Labor Statistics divided by the second preceding year's WPU-054 index. Formula: New Electric Energy Charge=Effective Electric Energy Charge *(A/B), where A=immediately preceding year's WPU-054 and B=second preceding year's WPU-054.

ANNUAL DISTRIBUTION VARIABLE CHARGE ADJUSTMENT

Each January 1, beginning in 2004, the variable component of the distribution rate will be adjusted and a new Distribution Variable Charge will be calculated, by multiplying the current variable distribution charge by the ratio of the immediately preceding year CPI (All cities/all items, non seasonally adjusted) divided by the second preceding year CPI (All cities/all items, non seasonally adjusted). Formula: New Dist. Var. Charge=Effective Dist. Var. Charge *(A/B) where A=immediately preceding year's CPI and B=second preceding year's CPI.

TERMS AND CONDITIONS

Capacity and distribution components will be billed based on demand and consumption. Values for the components illustrated above reflect demand components for an 82% load factor.

Filed July 1, 2003

Effective August 1, 2003

LARGE INDUSTRIAL CONTRACT SCHEDULE

AVAILABILITY

Service under this schedule is available to industrial users who are primarily engaged in manufacturing who have executed a long term contract, having a minimum monthly demand of 115 kW and a minimum monthly consumption of 40,000 kWh.

BASE RATE - APPLIED MONTHLY (2011 RATES)

Customer Charge	\$286.00	
	Consumption	Demand
	<u>\$/kWh</u>	<u>\$/kW</u>
Energy Charge	0.06229	3.42
Distribution Fixed:	0.00401	0.00
Distribution Variable:	0.01937	2.06
Transmission:	0.00268	1.94

DEMAND

The demand charge will be the highest thirty-minute average demand during the billing period.

DISCOUNT

A prompt payment discount of 10% applies for payments received within 15 days of billing, provided power factor is not less than 85%.

BASE RATE ADJUSTMENTS

The base rates shown above will be adjusted annually, beginning in 2003, per sections 1.5, 1.6 and 1.7 of this Agreement.

TERMS AND CONDITIONS

Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts".

Filed July 1, 2003

Effective August 1, 2003

CITY OF HOLYOKE
GAS & ELECTRIC DEPARTMENT

ECONOMIC DEVELOPMENT DISCOUNT

AVAILABILITY

Service under this schedule is available for customers who meet Department requirements per Terms and Conditions. Discounts as follows will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

DISCOUNT

	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>
Gas & Electric	10%	10%	10%
Steam **	50%	50%	50%

**Steam discounts are applied to base rate and minimum charges only; not to fuel or gas surcharges.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts", the "Economic Development Discount Program", and the "Residential Economic Development Terms & Agreements".

Filed August 10, 2003

Effective September 10, 2003

STANDBY FACILITIES CLAUSE

AVAILABILITY

This clause will be applicable to all electric rate schedules where customer receives backup or supplemental service from the Department due to the customer's use of on-site generation ("Generation Charge") or receipt of redundant facilities ("Wires Charge"). Charges under this clause are in addition to other applicable rate schedules.

GENERATION CHARGE

A Generation Charge shall be applied to all partial requirements customers who self-generate all, or a portion of, the customer's electrical power service requirements on a regular basis. This Generation Charge is intended to provide the customer with a backup supply of power when the customer's generating facilities are not in operation or are operating at less than full rated capability. Customers who have generation capabilities for emergency purposes only (run less than 5% of time) shall not be accessed this generation charge, however are still required to file data with Department.

Facilities Charge: \$ 3.35 per nameplate kW/month
Existing Hydro resources shall receive a \$1.30 credit per nameplate kW/month or as otherwise amended based on applicable Water Use Agreements.

Service taken under this rate shall be electrically separated from the customer's generating facilities or provided with sufficient protective devices to prohibit such facilities from causing disturbances on the Department's system consistent with the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts." The Department reserves the right to conduct audits for verification, to place appropriate metering within customer facilities, and to refuse service to facilities where the Department reasonably determines that the protection provided is inadequate.

WIRES CHARGE

A Wires Charge shall be applied to customers who receive redundant facilities from the Department. This Wires Charge is intended to provide the customer with increased reliability of service and/or restoration time by having additional facilities supplied to customer. Wires only charges include primary and/or secondary facilities provided in duplicate to customer, while complete backup facilities includes a redundant backup source provided by a second transformer at customer's location.

Facilities Charge: Wires only, not live \$ 4.56/month
 Wires only, energized \$ 13.23/month
 Complete backup facilities $[(a*730*b)+c]*1.08/\text{month}$

**Mass. DTE No. 172E
Cancels MDPU No. 158E**

Formula description of complete backup facilities charge:

a = Average No Load Losses in kW of Backup Transformer Size

730 = Average # Hrs / Month

b = \$ (0.065 + Purchase Power Adjustment Rate) * 0.9 per kWh

c = Capital cost component = \$(Transformer Cost + Pad + Ground Grid Cost) * 0.03
(depreciation per year) / 12 (#
Months in year)

1.08 = Miscellaneous cost multiplier

Note: a and c shall change from time to time reflective of actual costs & revised loss information.

DISCOUNT

No prompt payment discount applies. Interest will accrue at 1.5 percent per month on the unpaid balance.

TERMS AND CONDITIONS

Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed August 15, 2003

Effective October 9, 2003

STANDBY FACILITIES CLAUSE

AVAILABILITY

This clause will be applicable to all electric rate schedules.

CHARGE

In the event that the customer obtains electricity from self-generation, co-generation or from a source other than the Department, then the following charges shall apply:

<u>Level</u>	<u>Description</u>	<u>Facilities Charge</u>
A	< 5% on-site gen	No Charge, required to file data with Department
B	>5% on site-gen	Non-hydro: \$ 3.35 per nameplate kW/month Hydro: Case by case basis reflective of any water use agreements.

On-site generation % shall be calculated and/or estimated by the Department as the greater of 1) number of hours generated divided by total number of hours in month or 2) generation output divided by total own-load requirement. For purposes of such calculation, any period during which the Department incurs an outage shall not be included within generation levels.

The Department shall identify the applicable billing level for each customer. The Department reserves the right to conduct audits for verification or to place appropriate metering within customer facilities.

In the event that the Department provides a backup service to customer, then the following charges shall apply: (See following page)

- C Backup -- wires only, not live \$ 4.56 / Month
- D Backup -- wires only, energized \$ 13.23 / Month
- E Backup -- complete $[(a*730*b)+c]*1.08$
a = Average No Load Losses in kW of Backup Transformer Size
730 = Average # Hrs / Month
b = \$ (0.065 + Purchase Power Adjustment Rate) * 0.9 per kWh
c = Capital cost component =
\$(Transformer Cost + Pad + Ground Grid Cost) * 0.03 (depreciation per year) / 12 (# Months in year)
1.08 = Miscellaneous cost multiplier
Note: a and c shall change from time to time reflective of actual costs & revised loss information.

DISCOUNT

No discount applies. Interest will accrue at 1.5 percent per month on the unpaid balance.

Filed August 10, 2003

Effective September 10, 2003

CITY OF HOLYOKE
GAS & ELECTRIC DEPARTMENT

**RESIDENTIAL
ELECTRIC SCHEDULE**

AVAILABILITY

Service under this schedule is available for all residential purposes in an individual private dwelling or an individual apartment.

RATE - APPLIED MONTHLY

Customer Charge \$4.46 per meter

All kWh at \$0.1044 per kWh

Renewable Energy Charge at \$0.00050 per kWh (Not subject to any discounts.)

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill.

PURCHASED POWER ADJUSTMENT

There shall be an adjustment in rate due to cost of power as provided in the Department's Standard Purchased Power Adjustment Clause in effect from time to time.

HYDROPOWER REDUCTION

There shall be a reduction in rate due to power purchased from the Niagara hydroelectric projects provided in the Department's Hydroelectric Power Reduction Clause in effect from time to time. This reduction in rate may be further increased based on Department's owned hydroelectric facilities, at the discretion of the Department from time to time

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed August 12, 2009

Effective August 12, 2009

SMALL INDUSTRIAL SCHEDULE

AVAILABILITY

Service under this schedule is available to industrial users who are primarily engaged in manufacturing.

RATE - APPLIED MONTHLY

Customer Charge \$20.00 per meter.

Energy Charge First 3000 kWh at \$.1000/kWh
Next 12,000 kWh at \$.0925/kWh
All over 15,000 kWh at \$.0790/kWh

Renewable Energy Charge at \$0.00050 per kWh (Not subject to any discounts.)

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill and provided that no discount will be allowed to customers having a power factor less than 85%.

PURCHASED POWER ADJUSTMENT

There shall be an adjustment in rate due to cost of power as provided in the Department's Standard Purchased Power Adjustment Clause in effect from time to time.

BACK-UP POWER

Customers who have on-site generation to meet some of their own load requirements shall be subject to a facilities charge as provided in the Department's Standby Facilities Clause in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed August 12, 2009

Effective August 12, 2009

Replaced 184E effective 8/10/11

OFF-STREET/CONTRACT LIGHTING

AVAILABILITY

This service is available for general area lighting and security purposes only.

RATE-APPLIED MONTHLY

High Pressure Sodium Lamps	Monthly kWh	
100 W Roadway or Area	51.48	\$ 8.50
150 W Roadway	72.72	\$11.25
250 W Roadway	114.48	\$15.50
250 W Flood	114.48	\$17.00
400 W Roadway	172.80	\$22.75
400 W Flood	172.80	\$23.75
1000 W Flood	424.80	\$51.50

Renewable Energy Charge at \$0.00050 per kWh (Not subject to any discounts.)

Deluxe "White" High Pressure Sodium Lamps

Additional \$2.50 charge to the above listed rates.

Not Available in 1000 W size.

Pole Charge

Wood Pole \$ 3.75

Non-Wood Pole \$11.00

The above pole charge will be applied to the foregoing lamp charges where the Department is requested to furnish a suitable pole, for the sole purpose of supporting a light fixture. If at a future date the pole is used for any purpose approved by the Department in addition to supporting a light fixture hereunder, the pole charge will be terminated.

DISCOUNT

No discount applies to off-street & contract lighting.

TERMS AND CONDITIONS

The above rate include the cost of overhead wires, light fixture, lamp, a control of the time of use, normal labor, and electricity. All repairs shall be made during normal working hours within 3 business days after notification from customer. Easements or right-of-entry releases, if required, will be provided at no cost to the Department.

The above rates do not include an underground supply, anchor guy, control switch, or a special light fixture requested by the customer. The cost of material and labor for anything other than a normal construction will be paid for by the customer.

This contract shall be for one (1) year and then cancelable on thirty (30) days notice subject to, if a pole was required, a termination charge equal to \$450 for a wood pole or original installed cost of a non-wood pole less the total accumulated monthly pole rental charges received to date shall apply. If a light fixture is to be used for a period of less than one (1) year, then a \$60.00 fee will apply.

Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts", in effect from time to time, where not inconsistent with any specific provisions hereof.

Filed August 12, 2009

Effective August 12, 2009

CITY OF HOLYOKE
GAS & ELECTRIC DEPARTMENT

STREET & TRAFFIC LIGHTING

AVAILABILITY

Service under this rate schedule is available monthly for all municipal street lighting and traffic signal purposes in the City of Holyoke.

RATE-APPLIED MONTHLY

The monthly energy consumption billed for street lighting consists of three components: Multiple Street Lights, Unmetered Traffic Signals, and Decorative Street Lighting. The kWh contribution of each of the these components represents the monthly total kWh consumption billed at the applicable \$/kWh rate which is determined for each annual period from July through June of the following year per Massachusetts General Laws Chapter 164, Section 58.

Renewable Energy Charge at \$0.00050 per kWh (Not subject to any discounts.)

Other monthly charges that are billed to the City of Holyoke include, but are not limited to, the following: Daylight Savings Time (DST) Charge, Maintenance Charge, Deluxe HPS Charge, and Turn On/Off Charge.

The kWh contribution calculations, procedures, and details on monthly charges are in accordance with Department Policy #DB-1 entitled "Street & Traffic Light Billing", in effect from time to time.

DISCOUNT

No discount applies to street & traffic lighting.

TERMS AND CONDITIONS

Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts", in effect from time to time, where not inconsistent with any specific provisions hereof.

**GENERAL SERVICE
ELECTRIC SCHEDULE**

AVAILABILITY

Service under this schedule is available for commercial, industrial, municipal and multiple apartment dwelling customers for both light and power.

RATE - APPLIED MONTHLY

Customer Charge: \$4.46 per meter

First 200 Hrs. Times Demand

First	3,000 kWh at .1181 per kWh
Next	12,000 kWh at .1096 per kWh
Next	85,000 kWh at .1033 per kWh
All over	100,000 kWh at .0949 per kWh

Next 200 Hrs. Times Demand (100 KW Minimum) at .0878 per kWh
All over 400 Hrs. Times Demand (100 KW Minimum) at .0728 per kWh

Renewable Energy Charge at \$0.00050 per kWh (Not subject to any discounts.)

AGRICULTURE/FARMING

Persons or corporations engaged in the business of agriculture or farming shall receive a discount of 10% from the rates shown above (prior to the prompt payment discount).

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill and provided that no discount will be allowed to customers having a power factor less than 85%.

PURCHASED POWER ADJUSTMENT

There shall be an adjustment in rate due to cost of power as provided in the Department's Standard Purchased Power Adjustment Clause in effect from time to time.

BACK-UP POWER

Customers who have on-site generation to meet some of their own load requirements shall be subject to a facilities charge as provided in the Department's Standby Facilities Clause in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed December 23, 2010

Effective January 11, 2011

LARGE GENERAL SERVICE CONTRACT SCHEDULE

AVAILABILITY

Service under this schedule is available to all commercial and industrial customers who have executed a long term contract, having a minimum monthly demand of 2,000 kW and a minimum monthly consumption of 1,000,000 kWh.

BASE RATE - APPLIED MONTHLY (2011 year)

Customer Charge \$550.00

	Consumption	Demand
	<u>\$/kWh</u>	<u>\$/kW</u>
Energy Charge	0.05482	11.51
Distribution	0.00594	4.10
Transmission	0.00412	7.38
Renewable Energy	0.00050	

DEMAND

The demand charge will be the highest thirty-minute average demand during the billing period.

DISCOUNT

A prompt payment discount of 10% applies for payments received within 15 days of billing, provided power factor is not less than 85%. No discount applies to the Renewable Energy charge.

ANNUAL ENERGY CHARGE ADJUSTMENT

Each January, beginning in 2012, the Energy Charge will be adjusted by multiplying the current year Energy Charge by the ratio of the immediately preceding year's WPU-054 as published by the Bureau of Labor Statistics divided by the second preceding year's WPU-054 index. Formula: $\text{New Energy Charge} = \text{Effective Energy Charge} * (A/B)$, where A=immediately preceding year's WPU-054 and B=second preceding year's WPU-054, applied to each of the consumption and demand respective components.

<i>Historical WPU-054 (A/B) of Formula</i>	
<i>Year</i>	<i>WPU-054 Calculation</i>
<i>2003</i>	<i>0.9877</i>
<i>2004</i>	<i>1.0314</i>
<i>2005</i>	<i>1.0156</i>
<i>2006</i>	<i>1.0475</i>
<i>2007</i>	<i>1.0786</i>
<i>2008</i>	<i>1.0352</i>
<i>2009</i>	<i>1.0508</i>
<i>2010</i>	<i>1.0239</i>
<i>2011</i>	<i>1.0261</i>

ANNUAL DISTRIBUTION ADJUSTMENT

Each January, beginning in 2012, the Distribution charge will be adjusted, by multiplying the current year Distribution charge by the ratio of the immediately preceding year's CPI (All cities/all items, non seasonally adjusted) as published by the Bureau of Labor Statistics divided by the second preceding year's CPI (All cities/all items, non seasonally adjusted). Formula: New Distribution=Effective Distribution *(A/B) where A=immediately preceding year's CPI and B=second preceding year's CPI, applied to each of the consumption and demand respective components.

<i>Historical CPI (A/B) of Formula</i>	
<i>Year</i>	<i>CPI Calculation</i>
2003	1.01581
2004	1.02279
2005	1.02663
2006	1.03388
2007	1.03226
2008	1.02848
2009	1.03840
2010	0.99644
2011	1.01640

ANNUAL TRANSMISSION ADJUSTMENT

Each January, beginning in 2012, the Transmission charge will be adjusted by multiplying the current year Transmission charge by the ratio of the immediately preceding year's HG&E transmission expenses as reported under FERC account numbers 560 through 574 as of the release date of the WPU-054 and CPI indices noted above divided by the second preceding year's HG&E transmission expenses. Formula: New Transmission=Effective Transmission *(A/B), where A=immediately preceding year's HG&E Transmission Expenses and B=second preceding year's HG&E Transmission Expenses, applied to each of the consumption and demand respective components.

TERMS AND CONDITIONS

Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts". Adjustments are based on preliminary indices and/or costs as of release dates in January each year.

A Renewable Energy charge established by the State Legislature shall be accessed which allows customer's participation in the Massachusetts Renewable Energy Trust. Current rate level which has remained unchanged since January 1, 2003 is shown.

Filed June 13, 2011

Effective July 12, 2011

SMALL INDUSTRIAL SCHEDULE

AVAILABILITY

Service under this schedule is available to small industrial users who are primarily engaged in manufacturing subject to meeting the following two conditions:

- 1) monthly demand of less than 115 kW or monthly consumption of less than 40,000 kWh; and
- 2) monthly consumption of greater than 2,000 kWh.

RATE - APPLIED MONTHLY

Customer Charge \$20.00 per meter.

Energy Charge First 3000 kWh at \$.10820/kWh
Next 12,000 kWh at \$.10009/kWh
All over 15,000 kWh at \$.08548/kWh

Renewable Energy Charge at \$0.00050 per kWh (Not subject to any discounts.)

DISCOUNT

A discount of 10% will be allowed on current gross bills provided the bill, including any arrearage, is paid in full within fifteen (15) days of date of bill and provided that no discount will be allowed to customers having a power factor less than 85%.

PURCHASED POWER ADJUSTMENT

There shall be an adjustment in rate due to cost of power as provided in the Department's Standard Purchased Power Adjustment Clause in effect from time to time.

BACK-UP POWER

Customers who have on-site generation to meet some of their own load requirements shall be subject to a facilities charge as provided in the Department's Standby Facilities Clause in effect from time to time.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed June 22, 2011

Effective August 10, 2011

Replaces 179E

**STANDARD STEAM SALES
FUEL ADJUSTMENT CLAUSE**

AVAILABILITY

This clause is applicable to all steam rate schedules.

FUEL ADJUSTMENT

There shall be added to all bills a charge per thousand pounds of steam, which charge shall be computed as follows: The actual cost of fuel used during the month and allocated to the steam supply for each customer shall form the numerator. The quotient shall be the fuel adjustment per thousand pounds of steam.

DISCOUNT

No discount applies.

Filed November 15, 1981

Effective December 1, 1981

STEAM SCHEDULE III

AVAILABILITY

Service under this schedule is available to users of saturated steam using over 200,000,000 lbs. per year after application has been made to the HG&E Department and mutually satisfactory financial arrangements have been made.

BASE RATE - APPLIED MONTHLY

All steam at \$2.24 per 1,000#

DISCOUNT

A discount of 10% will be allowed on the base rate and minimum charge on bills paid in full within fifteen (15) days of date of bill. No discount will be allowed on the fuel charge or gas surcharge.

FUEL ADJUSTMENT CHARGE

There shall be an adjustment in rate due to cost of fuel as provided in the Department's Standard Steam Sales Fuel Adjustment Clause in effect from time to time.

GAS SURCHARGE

A gas surcharge of 60 cents per MCF of gas allocated and used for large customer steam generation will be added monthly. No discount applies.

MINIMUM CHARGE

The monthly minimum charge for steam is 11% of the average of the base rate monthly billing for the previous December, January, and February. A customer beginning to purchase steam between February and December will pay an estimated monthly minimum charge.

TERM OF CONTRACT

The term of the contract will be agreed upon at the time of application of service, but will not exceed four (4) years.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed June 2, 1998

Effective May 1, 1998

STEAM SCHEDULE I

AVAILABILITY

Service under this schedule is available to users of saturated steam or super heated steam after application has been made to the HG&E Department and mutually satisfactory financial arrangements have been made.

BASE RATE - APPLIED MONTHLY

First	50,000# at \$6.58 per 1,000#
Next	100,000# at \$5.63 per 1,000#
Next	150,000# at \$4.93 per 1,000#
Next	200,000# at \$4.17 per 1,000#
Next	500,000# at \$3.92 per 1,000#
Next	4,000,000# at \$3.75 per 1,000#
All over	5,000,000# at \$3.60 per 1,000#

All metering will be compensated to base conditions of 100 PSIG at saturation temperature for billing purposes.

DISCOUNT

A discount of 10% will be allowed on the base rate and minimum charge on bills paid in full within fifteen (15) days of date of bill. No discount will be allowed on the fuel charge.

FUEL ADJUSTMENT CHARGE

There shall be an adjustment in rate due to cost of fuel as provided in the Department's Standard Steam Sales Fuel Adjustment Clause in effect from time to time.

MINIMUM CHARGE

The monthly minimum charge for steam is 11% of the average of the base rate monthly billing for the previous December, January, and February. A customer beginning to purchase steam between February and December will pay an estimated monthly minimum charge.

DISCONTINUANCE OF SERVICE

A customer who requests a temporary discontinuance of service for less than 12 months will be required to pay the monthly minimum charge for each month that service is discontinued. A customer whose service is discontinued for non-payment or final billed at the customer's request and who applies for service within twelve months at the same location will be regarded as having taken a temporary discontinuance of service and will be required to pay the monthly customer charge for each month service was discontinued.

TERM OF SERVICE

The minimum term of service shall be one year. The Department may require a contract for longer terms based upon the expense of providing service to the location. The term of the contract will be agreed upon at the time of application of service. The minimum term shall be waived in the event that service is transferred to a new customer at the same location without interruption of service.

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

Filed June 1, 2007

Effective July 1, 2007

CITY OF HOLYOKE, MA
GAS & ELECTRIC DEPARTMENT

STEAM SCHEDULE II

AVAILABILITY

Service under this schedule is available to users of saturated steam or super heated steam using 70,000,000 lbs. per year after application has been made to the HG&E Department and mutually satisfactory financial arrangements have been made.

BASE RATE - APPLIED MONTHLY

All steam at \$3.36 per 1,000#

All metering will be compensated to base conditions of 100 PSIG at saturation temperature for billing purposes

DISCOUNT

A discount of 10% will be allowed on the base rate and minimum charge on bills paid in full within fifteen (15) days of date of bill. No discount will be allowed on the fuel charge.

FUEL ADJUSTMENT CHARGE

There shall be an adjustment in rate due to cost of fuel as provided in the Department's Standard Steam Sales Fuel Adjustment Clause in effect from time to time.

MINIMUM CHARGE

The monthly minimum charge for steam is 11% of the average of the base rate monthly billing for the previous December, January, and February. A customer beginning to purchase steam between February and December will pay an estimated monthly minimum charge.

DISCONTINUANCE OF SERVICE

A customer who requests a temporary discontinuance of service for less than 12 months will be required to pay the monthly minimum charge for each month that service is discontinued. A customer whose service is discontinued for non-payment or final billed at the customer's request and who applies for service within twelve months at the same location will be regarded as having taken a temporary discontinuance of service and will be required to pay the monthly customer charge for each month service was discontinued

TERM OF SERVICE

The minimum term of service shall be one year. The Department may require a contract for longer terms based upon the expense of providing service to the location. The term of the contract will be agreed upon at the time of application of service. The minimum term shall be waived in the event that service is transferred to a new customer at the same location without interruption of service.

M.D.P.U. No. S25
Cancel M.D.P.U. No. S22

TERMS AND CONDITIONS

This rate is subject to termination at any time upon notice to the Department. Bills are due and payable 30 days after date of billing. Service is governed by the "Rules and Regulations of the Holyoke Gas & Electric Department, City of Holyoke, Massachusetts."

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