



Hometown People. Hometown Power.

# Rate Schedules Fiscal Year 2023-2024

Effective November 1, 2023

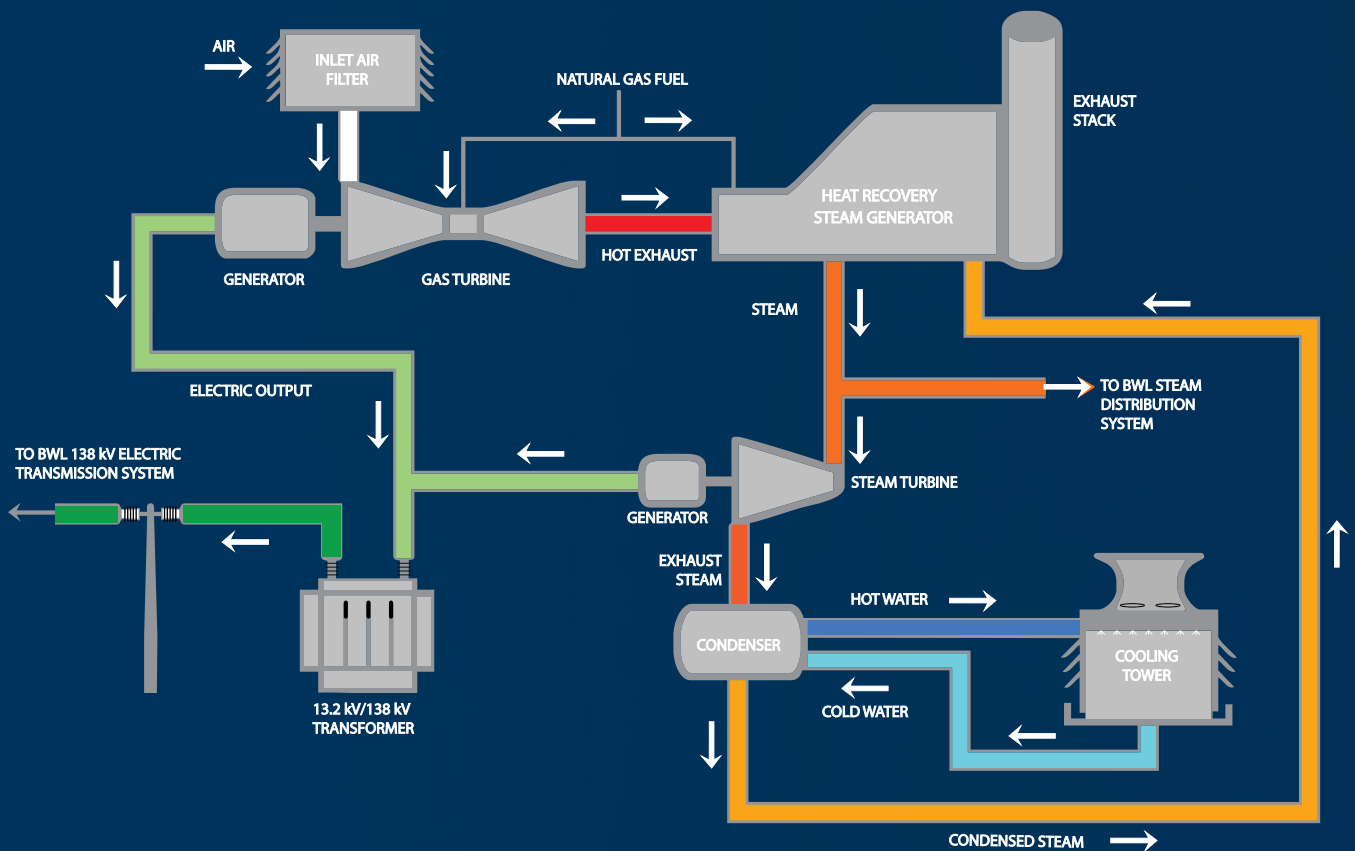


# Steam Commercial & Industrial Rates



# Understanding Steam Service & Basic Charges

Electricity is generated by burning natural gas in a furnace to create heat. In a boiler, the heat converts water into steam, which drives a turbine that drives a generator to make electricity. Cogeneration occurs when a portion of the steam used to generate electricity is extracted from the turbine and distributed to downtown Lansing for sterilizing, laundering, food processing, space and water heating, and other purposes.



Steam rates are made up of a basic service charge, commodity charges, gauge size charges (if applicable) and a minimum charge if the basic service charge does not adequately compensate the BWL for the cost of furnishing service.



# Understanding Your General Steam Service Rate: S01

This rate is available to any Lansing Board of Water & Light ("BWL") customer receiving service from the BWL steam distribution system with a maximum gauge pressure of fifteen pounds per square inch (15 psi).



## Summer Rates June 1 - November 30

\$23.46 per 1,000 lbs for the  
first 200,000 lbs

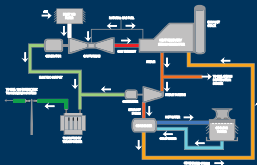
\$24.62 per 1,000 lbs for all  
1,000 lbs over 200,000 lbs



## Winter Rates December 1 - May 31

\$23.68 per 1,000 lbs for the  
first 200,000 lbs

\$24.87 per 1,000 lbs for all  
1,000 lbs over 200,000 lbs



**Basic Service Charge of \$20.54 per month.**

**Minimum Charge, Surcharges and Riders may apply, see rate for details.**



**GENERAL STEAM SERVICE  
RATE CODE: S01**

**Availability** - This rate is available to any Lansing Board of Water & Light (“BWL”) customer receiving service from the BWL steam distribution system with a maximum gauge pressure of fifteen pounds per square inch (15 psi).

**Nature of Service** - Saturated steam up to a maximum gauge pressure of 15 psi. Upon request, steam services at gauge pressures above 15 psi but not exceeding 100 psi, when available, may be supplied at the option of the BWL.

**Monthly Rate** - Shall be computed in accordance with the following charges:

	<u>11/1/2023</u>
<b>Basic Service Charge</b>	\$20.54 Per month
<b>Commodity Charge</b>	
Months of June through November	\$23.46 Per 1,000 lbs. for the first 200,000 lbs. \$24.62 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.
Months of December through May	\$23.68 Per 1,000 lbs. for the first 200,000 lbs. \$24.87 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.

**Minimum Charge** - The Basic Service Charge included in the rate except that Special Minimum Charges shall be billed when the revenue received does not adequately compensate the BWL for the cost of furnishing service.

**Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.

**Surcharge** - A surcharge of ten (10) percent shall be added to the above rates for steam service supplied upon customer's request for service at gauge pressure above 15 psi but not exceeding 100 psi.

**Fee and Tax Adjustment** - Any taxes, assessments, franchise fees, or any other charges or fees levied by a governmental entity or political subdivision upon BWL property, operations, or the production, distribution or sale of steam, will be in addition to the rates set forth herein.

**Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Steam Service hereby incorporated by reference.



# Steam Service Rates

**Industrial Steam Service  
Rate: S02**

**Contract Steam Service  
Rate: S03**

**Steam Fuel Cost Adjustment  
Rider Code: FCA**

**Steam Environmental Charge  
Rider Code: ENVS**





**INDUSTRIAL STEAM SERVICE  
RATE CODE: S02**

**Availability** - This rate is available to any Lansing Board of Water & Light (“BWL”) customer engaged in mining or manufacturing and receiving steam at any BWL plant wall at a minimum gauge pressure of 250 psi. Service will be provided upon customer entering into a steam supply contract with the BWL. Terms and Conditions of the contract may vary due to customer requirements and the impact on BWL facilities.

**Monthly Rate** - Shall be computed in accordance with the following charges:

11/1/2023

**Demand Charge**

Contract Demand	\$2.31 Per pound per hour (lb./hr.) for all lb./hrs. of contract demand
Excess Demand	\$1.98 Per pound per hour (lb./hr.) for all lb./hrs. exceeding contract demand

**Commodity Charge** \$14.02 Per 1,000 lbs. (Mlbs.)

**Minimum Charge** - Monthly Contract Demand Charge above.

**Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.

**Fee and Tax Adjustment** - Any taxes, assessments, franchise fees, or any other charges or fees levied by a governmental entity or political subdivision upon BWL property, operations, or the production, distribution or sale of steam, will be in addition to the rates set forth herein.

**Billing Demand** - The billing demand is the maximum demand (lb./hrs.) supplied during the 15-minute period of maximum use during the month, but not less than the contract demand.

**Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Steam Service hereby incorporated by reference.





**CONTRACT STEAM SERVICE  
RATE CODE: S03**

**Availability** - This rate is available to any Lansing Board of Water & Light (“BWL”) customer receiving service from the BWL steam transmission or distribution system with a gauge pressure in excess of 100 psi. Service will be provided upon customer entering into a steam supply contract with the BWL. Terms and conditions of the contract may vary due to customer requirements and the impact on BWL facilities. This service may include both firm and curtailable service.

**Monthly Rate** - Per contract terms.

**Fuel Cost Adjustment** - This rate is subject to a Fuel Cost Adjustment factor added to the charges and calculated as defined on a separate rate schedule.

**Steam Environmental Charge** - Per contract terms.

**Amine Treatment Adjustment** - Per contract terms.

**Fee and Tax Adjustment** - Any taxes, assessments, franchise fees, or any other charges or fees levied by a governmental entity or political subdivision upon BWL property, operations, or the production, distribution or sale of steam, will be in addition to the rates set forth herein.

**Minimum Charge** - Per contract terms.

**Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Steam Service hereby incorporated by reference.



**STEAM FUEL COST ADJUSTMENT  
RIDER CODE: FCA**

**Purpose** - The Steam Fuel Cost Adjustment permits the monthly adjustment of rates for the costs of fuel incurred in supplying steam. All general, contract, industrial and residential service steam rates are subject to the Fuel Cost Adjustment. In applying the Fuel Cost Adjustment, the applicable rate per Mlbs. shall be increased or decreased by the amount of the current Fuel Cost Adjustment.

The Fuel Cost Adjustment shall be reviewed and, as necessary, revised periodically in accordance with the provisions of this schedule, but not less frequently than every twelve (12) months.

**Fuel Cost Adjustment** - The amount per Mlbs. by which the applicable rates shall be adjusted for billing in each month.

**Fuel Costs** - Those costs incurred in supplying steam. Costs include, but are not limited to, fuel burned and fuel related costs, fuel transportation, pre and post combustion fuel additives, fuel procurement, and environmental allowances.

**Over/Under Recovery** - The difference between actual Fuel Costs for prior months and the amount of Fuel Cost recovered by means of the Base Cost of fuel and the Fuel Cost Adjustment. The Over/Under Recovery shall be added to the Fuel Costs for purposes of computing the Fuel Cost Adjustment for each month.

**Base Cost of Fuel** - The average Fuel Cost included in the fuel rates of the various rate schedules. Such amount shall not be recovered by means of the Fuel Cost Adjustment. The current Base Cost of Fuel is \$4.7831 per thousand pounds of steam (Mlbs.) sold.



**STEAM ENVIRONMENTAL CHARGE  
RIDER CODE: ENVS**

**Purpose** - The Steam Environmental Charge permits the recovery of costs and expenses incurred from environmental remediation and mitigation activities that are required as a matter of agreement, order, decree, or law. All steam residential, general service, contract, and industrial rates are subject to the Steam Environmental Charge. All revenues collected from the Steam Environmental Charge will be directly applied to offset these environmental expenses and other associated expenses. The Steam Environmental Charge shall be reviewed and revised periodically in accordance with the provisions of this schedule and until the balance is zero. Should the Steam Environmental Charge collect revenues in excess of environmental expenses, the difference shall be refunded to customers on the applicable rates.

**Steam Environmental Charge** - The current charge is **\$0.30/Mlbs.**