



# STANDARD RESIDENTIAL ELECTRIC SERVICE

RATE CODE: RES1

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer of a single-family dwelling or multifamily dwelling of four units or less when the entire electric service requirements are supplied at one Premises through one meter. Service to appurtenant buildings may be taken through the same meter.

Service under this rate is not available when a portion of the dwelling or an appurtenant building is used for commercial, industrial, or resale purposes unless the wiring is so arranged that service for residential and non-residential purposes are metered separately on separate accounts.

**Nature of Service** - The service is alternating current at 60 hertz, single-phase, 120/240 nominal volts.

## Rates

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

<b>Basic Service Charge</b>	\$23.00	Per month
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.15040	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.17777	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.15040	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.17409	Per kWh for all On-Peak kWh between October 1 and May 31

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 1:00 PM to 8:00 PM  
Off-Peak Hours: 8:00 PM to 1:00 PM
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# OFF-PEAK SAVERS RESIDENTIAL ELECTRIC SERVICE

RATE CODE: RESTOU

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer of a single-family dwelling or multifamily dwelling of four units or less when the entire electric service requirements are supplied at one Premises through one meter. Service to appurtenant buildings may be taken through the same meter.

Service under this rate is not available when a portion of the dwelling or an appurtenant building is used for commercial, industrial, or resale purposes unless the wiring is so arranged that service for residential and non-residential purposes are metered separately on separate Accounts.

**Nature of Service** - The service is alternating current, 60 hertz, single phase, 120/240 nominal volts.

## Rates

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

Basic Service Charge	\$25.50	Per Month
Commodity Charge		
Off-Peak Summer	\$0.11768	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.30528	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.11998	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.18260	Per kWh for all On-Peak kWh between October 1 and May 31

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 1:00 PM to 8:00 PM  
Off-Peak Hours: 8:00 PM to 1:00 PM
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# SENIOR CITIZEN RESIDENTIAL ELECTRIC SERVICE

RATE CODE: RES21

## Service

**Availability** - This rate is closed to new Lansing Board of Water & Light (BWL) customers and only available to any single-family dwelling or multifamily dwelling of four units or less when the entire electric service requirements are supplied at one Premises through one meter who elected to enroll in this rate prior to November 1, 2022. The customer must 65 years of age or older and head of the household being served. Service to appurtenant buildings may be taken through the same meter.

Service under this rate is not available when a portion of the dwelling or an appurtenant building is used for commercial, industrial, or resale purposes unless the wiring is so arranged that service for residential and non-residential purposes are metered separately on separate Accounts.

**Nature of Service** - The service is alternating current, 60 hertz, single phase, 120/240 nominal volts.

## Rates

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

<b>Basic Service Charge</b>	\$17.75	Per Month
<b>Commodity Charge</b>		
Block 1	\$0.11367	Per kWh for the first 300 kWh
Block 2	\$0.19310	Per kWh for all kWh over 300 kWh

## Billing

1. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 electric power, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.



# SEPARATELY METERED PLUG-IN ELECTRIC VEHICLE CHARGING RESIDENTIAL ELECTRIC SERVICE

**RATE CODE: RES22**

## Service

**Availability** – This rate is a voluntary rate available to any Lansing Board of Water & Light (BWL) customer at any Premises that qualifies for Electric Rate RES1 where separately metered Electric Vehicle Supply Equipment (EVSE) capable of providing Level 2 charging for plug-in electric motor vehicles is installed.

“EVSE” means a device or apparatus, including vehicle supply cable, connector, internal relays and controls designed specifically for the purpose of delivering energy from the premises wiring to a plug-in-electric motor vehicle. This equipment must meet or exceed all applicable codes, standards, and practices.

“Level 2 Charging” means providing 208 – 240 volt single phase alternating current energy to an onboard charger of an electric motor vehicle.

**Nature of Service** - The service is alternating current, 60 hertz, single phase, 208 to 240 nominal volts, Level 2 Charging as defined. However, the new circuit protective device rating shall not to exceed 60 amperes.

## Rates

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

Basic Service Charge	\$5.00	Per Month
Commodity Charge		
Off-Peak Summer	\$0.10760	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.26380	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.10760	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.15660	Per kWh for all On-Peak kWh between October 1 and May 31

## Billing

- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 1:00 PM to 8:00 PM  
Off-Peak Hours: 8:00 PM to 1:00 PM
- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# ADVANCED METER OPT-OUT RESIDENTIAL ELECTRIC SERVICE

RATE CODE: OPTO

## Service

**Availability** - This rate is closed to new Lansing Board of Water & Light (BWL) customers and only available to any single-family dwelling or multifamily dwelling of four units or less when the entire electric service requirements are supplied at one Premises through one non-transmitting meter that elected to opt-out of advanced meters prior to July 1, 2022. Requirements or eligibility of the advanced meter opt-out program are stated in the Rules and Regulations. Service to appurtenant buildings may be taken through the same meter.

Service under this rate is not available when a portion of the dwelling or an appurtenant building is used for commercial, industrial, or resale purposes unless the wiring is so arranged that service for residential and non-residential purposes are metered separately on separate Accounts.

**Nature of Service** - The service is alternating current, 60 hertz, single-phase, 120/240 nominal volts.

## Rates

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

<b>Basic Service Charge</b>	\$23.00	Per Month
<b>Commodity Charge</b>		
Summer months of June through September	0.16091	Per kWh for the first 500 kWh
	0.16642	Per kWh for all kWh over 500 kWh
Winter months of October through May	0.16091	Per kWh for the first 500 kWh
	0.16642	Per kWh for all kWh over 500 kWh

## Billing

1. **Opt-Out Fees** - The Advanced Meter Opt-Out Fee is \$15 per month for electric service.
2. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
3. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
4. **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 electric power, will be in addition to the rates set forth herein.
5. **Rules and Regulations** - Service under this rate is governed by the *BWL Electric Rules and Regulations*, which are incorporated by reference.



# ADVANCED METER OPT-OUT SENIOR CITIZEN RESIDENTIAL ELECTRIC SERVICE

RATE CODE: OPTOS

## Service

**Availability** - This rate is closed to new Lansing Board of Water & Light (BWL) customers and only available to any single family dwelling or multifamily dwelling of four units or less when the entire electric service requirements are supplied at one Premises through one non-transmitting meter who elected to enroll in this rate prior to November 1, 2022 and who elected to opt-out of advanced meters prior to July 1, 2022. Requirements for eligibility of the advanced meter opt-out program are stated in the Rules and Regulations. The customer must be 65 years of age or older and the head of the household being served. Service to appurtenant buildings may be taken through the same meter.

Service under this rate is not available when a portion of the dwelling or an appurtenant building is used for commercial, industrial, or resale purposes unless the wiring is so arranged that service for residential and non-residential purposes are metered separately on separate Accounts.

**Nature of Service** - The service is alternating current at 60 hertz, single-phase, 120/240 nominal volts.

## Rates

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

Basic Service Charge	\$17.75	Per Month
Commodity Charge		
Block 1	\$0.11367	Per kWh for the first 300 kWh
Block 2	\$0.19310	Per kWh for all kWh over 300 kWh

## Billing

- Opt-Out Fees** - The Advanced Meter Opt-Out Fee is \$15 per month for electric service.
- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- 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 governmental entity or political subdivision upon BWL property, operations, or the production, distribution, or sale of electric power, will be in addition to the rates set forth herein.
- Rules and Regulations** - Service under this rate is governed by the *BWL Electric Rules and Regulations*, which are incorporated by reference.



# STANDARD SMALL COMMERCIAL ELECTRIC SERVICE

RATE CODE: SC1

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring secondary voltage service for any purpose when supplied at one Premises through one meter. This rate is not available for emergency or standby services.

**Nature of Service** - The service is alternating current at 60 hertz, single-phase. The secondary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$38.50	Per Month
<b>Commodity Charge</b>		
Summer months of June through September	\$0.16170	Per kWh for all kWh
Winter months of October through May	\$0.15708	Per kWh for all kWh

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- Metering** - Where the BWL elects to measure the service on the primary side of the transformers, the metered kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.



# OFF-PEAK SAVERS SMALL COMMERCIAL ELECTRIC SERVICE

RATE CODE: SCTOU

## Service

**Availability** - This rate is available to any Lansing Board of Water & Lights (BWL) customer desiring secondary voltage service for any purpose when supplied at one Premises through one meter. This rate is not available for emergency or standby services.

**Nature of Service** - The service is alternating current at 60 hertz, single-phase. The secondary voltage is determined by the BWL.

## Rates

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

Basic Service	\$38.50	Per Month
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.14140	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.30318	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.14365	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.19367	Per kWh for all On-Peak kWh between October 1 and May 31

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- Metering** - Where the BWL elects to measure the service on the primary side of the transformers, the metered kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.



# STANDARD MIDSIZE COMMERCIAL ELECTRIC SERVICE

RATE CODE: MC1

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring secondary voltage service for any purpose when supplied at one Premises through one metering installation. This rate is not available for emergency or standby services. Effective October 1, 2022, customers requesting transformer capacity greater than 1,500 kVa or service sizes larger than 3,000 amps will be required to take primary voltage on a separate rate.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$75.00	Per Month
<b>Capacity Charge</b>	\$15.50	Per kW for all kW above 15kW
<b>Commodity Charge</b>		
Summer months of June through September	\$0.14910	Per kWh for 0-5,000 kWh
	\$0.11980	Per kWh for over 5,000 kWh
Winter months of October through May	\$0.14360	Per kWh for 0-5,000 kWh
	\$0.11540	Per kWh for over 5,000 kWh
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

1. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 electric power, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
5. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month, but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
6. **Metering** - Where the BWL elects to measure the service on the primary side of the transformer, the metered kW and kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.



## STANDARD MIDSIZE COMMERCIAL ELECTRIC SERVICE

**RATE CODE: MC1**

7. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

<b>Power Factor</b>	<b>Power Factor Penalty Charge</b>
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%



## OFF-PEAK SAVERS MIDSIZE ELECTRIC SERVICE

RATE CODE: MCTOU

### Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring secondary voltage service for any purpose when supplied at one Premises through one metering installation. This rate is not available for emergency or standby services. Effective October 1, 2022, customers requesting transformer capacity greater than 1,500 kVa or service sizes larger than 3,000 amps will be required to take primary voltage on a separate rate.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL.

### Rates

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

<b>Basic Service Charge</b>	\$75.00	Per Month
<b>Capacity Charge</b>	\$14.00	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.07420	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.27710	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.07680	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.15160	Per kWh for all On-Peak kWh between October 1 and May 31

### Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month, but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
- Metering** - Where the BWL elects to measure the service on the primary side of the transformer, the metered kW and kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the



## OFF-PEAK SAVERS MIDSIZE ELECTRIC SERVICE

RATE CODE: MCTOU

consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.

8. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%



# ELECTRIC VEHICLE CHARGING STATION MIDSIZE COMMERCIAL ELECTRIC SERVICE

**RATE CODE: MCEV**

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring secondary voltage service for the exclusive purpose of providing Electric Power to Electric Vehicle Supply Equipment (EVSE) when supplied through one metering installation. EVSE means a device or apparatus, including vehicle supply cable, connector, internal relays and controls designed specifically for the purpose of delivering energy from the premises wiring to a plug-in electric motor vehicle. This equipment must meet or exceed all applicable codes, standards, and practices. This rate is not available for emergency or standby services. Effective October 1, 2022, customers requesting transformer capacity greater than 1,500 kVa or service sizes larger than 3,000 amps will be required to take primary voltage on a separate rate.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL. All kWh provided through this rate will be matched with renewable energy sources through the BWLs GreenWise Program.

## Rates

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

<b>Basic Service Charge</b>	\$75.00	Per Month
<b>Capacity Charge</b>	\$3.50	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.10500	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.27445	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.10650	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.14873	Per kWh for all On-Peak kWh between October 1 and May 31
Renewable Energy	\$0.01300	Per kWh for all kWh as of 10/1/2026 <i>Please see Voluntary Renewable Energy Rider for current pricing</i>
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

1. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
2. **Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 8:00 PM  
Off-Peak Hours: 8:00 PM to 10:00 AM
3. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
4. **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 electric power, will be in addition to the rates set forth herein.
5. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.



**ELECTRIC VEHICLE CHARGING STATION MIDSIZE  
COMMERCIAL ELECTRIC SERVICE**

**RATE CODE: MCEV**

- 6. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
  
- 7. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
  
- 8. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar hours and Kilowatt hours during the billing period. The calculated ratio of lagging Kilovar hours to Kilowatt hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

<b>Power Factor</b>	<b>Power Factor Penalty Charge</b>
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%



# HIGH LOAD FACTOR MIDSIZE COMMERCIAL ELECTRIC SERVICE

RATE CODE: MCHLF

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring secondary voltage service for any purpose when supplied at one Premises through one metering installation. This rate is not available for emergency or standby services. Effective October 1, 2022, customers requesting transformer capacity greater than 1,500 kVa or service sizes larger than 3,000 amps will be required to take primary voltage on a separate rate.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$75.00	Per Month
<b>Capacity Charge</b>	\$33.00	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Summer Months of June through September	\$0.07770	Per kWh for all kWh
Winter Months of October through May	\$0.07610	Per kWh for all kWh
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

1. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 electric power, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
5. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
6. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
7. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by



## HIGH LOAD FACTOR MIDSIZE COMMERCIAL ELECTRIC SERVICE

**RATE CODE: MCHLF**

the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%



# STANDBY MIDSIZE COMMERCIAL ELECTRIC RATE

RATE CODE: MC1STBY

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer with a dispatchable generation resource such as cogeneration or combined heat and power desiring primary voltage service for any purpose when supplied at one Premises through one metering installation (except as provided below for Multiple Premises Aggregation).

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL.

## Rates

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

Capacity Charge		
On-Peak Billing Demand	\$24.73	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$7.73	Per kW for all kW of Maximum Demand
<b>Generation Contract Capacity</b>	\$9.26	Per kW of nameplate capacity
<b>Energy Charges:</b>		
Summer Off-Peak	\$0.07800	Per kWh for all Off-Peak kWh between June 1 and September 30
Summer On-Peak	\$0.08250	Per kWh for all On-Peak kWh between June 1 and September 30
Winter Off-Peak	\$0.07800	Per kWh for all Off-Peak kWh between October 1 and May 31
Winter On-Peak	\$0.08000	Per kWh for all On-Peak kWh between October 1 and May 31
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

- Minimum Bill** - The Minimum Bill is the Generation Contract Capacity charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month.



## STANDBY MIDSIZE COMMERCIAL ELECTRIC RATE

**RATE CODE: MC1STBY**

7. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
  
8. **Multiple Premises Aggregation** - The 15-minute period demands of multiple Premises of a customer may be summed for determination of the total On-Peak Billing Demand under the following conditions: (a) each Premises is billed under the same rate schedule; (b) the total On-Peak Billing Demand shall not be less than 5,000 kW; and (c) the customer shall agree to a service contract with the BWL for the customer's full electrical service requirements at the aggregated Premises for a period of not less than five (5) years. Aggregation shall be applicable for determination of the On-Peak Billing Demand only. All other charges, including the Basic Service Charge and Maximum Demand, shall apply to each Premises independently.
  
9. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
  
10. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilovar-hours to Kilowatt hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%

11. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary-voltage Service Location.
  
12. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby



## STANDBY MIDSIZE COMMERCIAL ELECTRIC RATE

RATE CODE: MC1STBY

charges for the ongoing operations and maintenance of the Alternate Primary Source of \$8.09 per kW of Maximum Demand.

13. **Dispatchable Generator Outages** - The BWL shall monitor outages via board-owned metering installed on the dispatchable generator. The number of unplanned outages extending more than one hour shall not exceed three in a single billing period. An unplanned outage is defined as any outage occurring without the customer having provided written notice to the contact listed in the Agreement for Parallel Operation three days before the outage occurs. In the event the dispatchable generator has three or more unplanned outages in the billing period, the customer shall be switched from the standby rate to the rate applicable for the customer's service.



# STANDARD MIDSIZE COMMERCIAL FIRE PUMP ELECTRIC SERVICE

RATE CODE: MCFPS

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring secondary voltage service for a fire pump at one Premises through one metering fire pump installation. This service is to be used exclusively for fire pump service. Effective October 1, 2022, customers requesting transformer capacity greater than 1,500 kVa or service sizes larger than 3,000 amps will be required to take primary voltage on a separate rate.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$75.00	Per Month
<b>Capacity Charge</b>	\$1.45	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Summer months of June through September	\$0.20300	Per kW for all kWh
Winter months of October through May	\$0.19880	Per kW for all kWh
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

1. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 electric power, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
5. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
6. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
7. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by



## STANDARD MIDSIZE COMMERCIAL FIRE PUMP ELECTRIC SERVICE

**RATE CODE: MCFPS**

the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar hours and Kilowatt hours during the billing period. The calculated ratio of lagging Kilovar hours to Kilowatt hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

<b>Power Factor</b>	<b>Power Factor Penalty Charge</b>
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%



# STANDARD LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE

RATE CODE: LC1

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring primary voltage service for any purpose when supplied at one Premises through one metering installation (except as provided below for Multiple Premises Aggregation). This rate is not available for emergency or standby services.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The primary voltage is determined by the BWL.

## Rates

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

Basic Service Charge		
Per Service	\$340.00	Per Month
Capacity Charge		
On-Peak Billing Demand	\$17.00	Per kW for all kW of On-Peak Billing
Maximum Demand	\$7.00	Per kW for all of Maximum Demand
Commodity Charge		
Off-Peak Summer	\$0.07626	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.08069	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.07626	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.07828	Per kWh for all On-Peak kWh between October 1 and May 31
<b>Power Factor Charge</b>	See Power Factor Section Below	

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off- Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- Fee and Tax Adjustment** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
- Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
- On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month, but the On-Peak Billing Demand shall never be less than 50% of the highest On-Peak Billing Demand of the preceding 11 billing months.



**STANDARD LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE**

**RATE CODE: LC1**

6. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month, whether on-peak or off-peak, but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
7. **Multiple Premises Aggregation** - The 15-minute period demands of multiple Premises of a customer may be summed for determination of the total On-Peak Billing Demand under the following conditions: (a) each Premises is billed under the same rate schedule; (b) the total On-Peak Billing Demand shall not be less than 5,000 kW; and (c) the customer shall agree to a service contract with the BWL for the customer's full electrical service requirements at the aggregated Premises for a period of not less than five (5) years. Aggregation shall be applicable for determination of the On-Peak Billing Demand only. All other charges, including the Basic Service Charge and Maximum Demand, shall apply to each Premises independently.
8. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately except as provided for in Multiple Premises Aggregation.
9. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%

10. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary-voltage Service Location.



## STANDARD LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE

**RATE CODE: LC1**

11. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$8.09 per kW of Maximum Demand.



**OFF-PEAK SAVERS LARGE COMMERCIAL & INDUSTRIAL  
ELECTRIC SERVICE**

**RATE CODE: LCTOU**

**Service**

**Availability** – This rate is available to any Lansing Board of Water & Light (BWL) customer desiring primary voltage service for any purpose when supplied at one Premises through one metering installation. This rate is not available for emergency or standby services.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The primary voltage is determined by the BWL.

**Rates**

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

<b>Basic Service Charge</b>	\$340.00	Per Month
<b>Capacity Charge</b>	\$14.50	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.07858	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.30510	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.08146	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.16826	Per kWh for all On-Peak kWh between October 1 and May 31
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

**Billing**

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00AM to 6:00PM  
Off-Peak Hours: 6:00PM to 10:00AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
- Metering** - Where the BWL elects to measure the service on the secondary side of the transformers,



## OFF-PEAK SAVERS LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE

RATE CODE: LCTOU

the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.

8. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After 6 consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%

9. **Equipment Supplies by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary voltage Service Location.
10. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$8.09 per kW of Maximum Demand.



# ELECTRIC VEHICLE CHARGING STATION LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE

RATE CODE: LCEV

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring primary voltage service for the exclusive purpose of providing Electric Power to Electric Vehicle Supply Equipment (EVSE) when supplied through one metering installation.

“EVSE” means a device or apparatus, including vehicle supply cable, connector, internal relays and controls designed specifically for the purpose of delivering energy from the premises wiring to a plug-in-electric motor vehicle. This equipment must meet or exceed all applicable codes, standards, and practices. This rate is not available for emergency or standby services.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The primary voltage is determined by the BWL. All kWh provided through this rate will be matched with renewable energy sources through the BWL’s GreenWise Program.

## Rates

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

<b>Basic Service Charge</b>	\$340.00	Per Month
<b>Capacity Charge</b>	\$2.70	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.11484	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.30504	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.11696	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.16602	Per kWh for all On-Peak kWh between October 1 and May 31
Renewable Energy	\$0.01300	Per kWh for all kWh as of 10/1/2026 <i>Please see Voluntary Renewable Energy Rider for Current Pricing</i>
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00AM to 8:00PM  
Off-Peak Hours: 8:00PM to 10:00AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of



# ELECTRIC VEHICLE CHARGING STATION LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE

RATE CODE: LCEV

maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.

- 7. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
- 8. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilovar-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%

- 9. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary-voltage Service Location.
- 10. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$8.09 per kW of Maximum Demand.



# HIGH LOAD FACTOR LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE

RATE CODE: LCHLF

## Service

**Availability** – This rate is available to any Lansing Board of Water & Light (BWL) customer desiring primary voltage service for any purpose when supplied at one Premises through one metering installation. This rate is not available for emergency or standby services.

**Nature of Service** - The service is alternating current, 60 hertz, three phase. The primary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$340.00	Per Month
<b>Capacity Charge</b>		
On-Peak Billing Demand	\$32.50	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$7.00	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Summer months of June through September	\$0.05424	Per kWh for all kWh
Winter months of October through May	\$0.05025	Per kWh for all kWh
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month, but the On-Peak Billing Demand shall never be less than 50% of the highest On-Peak Billing Demand of the preceding 11 billing months.
- Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of



**HIGH LOAD FACTOR LARGE COMMERCIAL & INDUSTRIAL  
ELECTRIC SERVICE**

**RATE CODE: LCHLF**

maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.

- 8. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
  
- 9. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until Corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%

- 10. **Equipment Supplies by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary voltage Service Location.
  
- 11. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations, for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$8.09 per kW of Maximum Demand.



# STANDBY LARGE COMMERCIAL & INDUSTRIAL ELECTRIC RATE

RATE CODE: LC1STBY

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer with a dispatchable generation resource such as cogeneration or combined heat and power desiring primary voltage service for any purpose when supplied at one Premises through one metering installation (except as provided below for Multiple Premises Aggregation).

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The secondary voltage is determined by the BWL.

## Rates

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

<b>Capacity Charge</b>		
On-Peak Billing Demand	\$24.00	Per kW for all kW of On-Peak Billing Demand
Maximum	\$7.00	Per kW for all kW of Maximum Demand
<b>Generation Contract Capacity</b>	\$9.00	Per kW of nameplate capacity
<b>Energy Charges:</b>		
Summer Off-Peak	\$0.07626	Per kWh for all Off-Peak kWh between June 1 and September 30
Summer On-Peak	\$0.08069	Per kWh for all On-Peak kWh between June 1 and September 30
Winter Off-Peak	\$0.07626	Per kWh for all Off-Peak kWh between October 1 and May 31
Winter On-Peak	\$0.07828	Per kWh for all On-Peak kWh between October 1 and May 31
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

- Minimum Bill** - The Minimum Bill is the Generation Contract Capacity charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.
- On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month.



# STANDBY LARGE COMMERCIAL & INDUSTRIAL ELECTRIC RATE

RATE CODE: LC1STBY

8. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
9. **Multiple Premises Aggregation** - The 15-minute period demands of multiple Premises of a customer may be summed for determination of the total On-Peak Billing Demand under the following conditions: (a) each Premises is billed under the same rate schedule; (b) the total On-Peak Billing Demand shall not be less than 5,000 kW; and (c) the customer shall agree to a service contract with the BWL for the customer's full electrical service requirements at the aggregated Premises for a period of not less than five (5) years. Aggregation shall be applicable for determination of the On-Peak Billing Demand only. All other charges, including the Basic Service Charge and Maximum Demand, shall apply to each Premises independently.
10. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
11. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilovar-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.900	0.0%
0.890 to 0.899	1.1%
0.880 to 0.889	2.3%
0.870 to 0.879	3.4%
0.860 to 0.869	4.7%
0.850 to 0.859	5.9%
Below 0.850	10.0%

12. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary-voltage Service Location.



## STANDBY LARGE COMMERCIAL & INDUSTRIAL ELECTRIC RATE

RATE CODE: LC1STBY

13. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$8.09 per kW of Maximum Demand.
14. **Dispatchable Generator Outages** - The BWL shall monitor outages via BWL-owned metering installed on the dispatchable generator. The number of unplanned outages extending more than one hour shall not exceed three in a single billing period. An unplanned outage is defined as any outage occurring without the customer having provided written notice to the contact listed in the Agreement for Parallel Operation three days before the outage occurs. In the event the dispatchable generator has three or more unplanned outages in the billing period, the customer shall be switched from the standby rate to the rate applicable for the customer's service.



# STANDARD EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE

RATE CODE: XL1

## Service

**Availability** – This rate is available to any Lansing Board of Water & Light (BWL) customer desiring primary voltage service through a dedicated substation for any purpose when supplied at one Premises through one metering installation (except as provided below for Multiple Premises Aggregation). This rate is not available for emergency or standby services.

The customer must agree to a service contract with the BWL for the customer's entire electric service requirements at the applicable Premises for a period of not less than ten years. If the customer ceases operation before the completion of the initial service contract term, the customer shall pay the remaining net book value for any infrastructure investments made specifically for the customer as specified in the service contract.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The primary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$545.00	Per Month
<b>Capacity Charge</b>		
On-Peak Billing Demand	\$19.00	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$3.25	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Off-Peak Summer	\$0.07851	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.08427	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.07741	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.08146	Per kWh for all On-Peak kWh between October 1 and May 31
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# STANDARD EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE

**RATE CODE: XL1**

6. **On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month, but the On-Peak Billing Demand shall never be less than 50% of the highest On-Peak Billing Demand of the preceding 11 billing Months.
7. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month, but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
8. **Multiple Premises Aggregation** - The 15-minute period demands of multiple Premises of a customer may be summed for determination of the total On-Peak Billing Demand under the following conditions: (a) each Premises is billed under the same rate schedule; and (b) the total On-Peak Billing Demand shall not be less than 25,000 kW. Aggregation shall be applicable for determination of the On-Peak Billing Demand only. All other charges, including the Basic Service Charge and Maximum Demand, shall apply to each Premises independently.
9. **Metering** - Where the BWL elects to measure the service on the primary side of the transformer, the metered kW and kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.
10. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilovar-hours to Kilowatt-hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.950	0.0%
0.940 to 0.949	1.1%
0.930 to 0.939	2.2%
0.920 to 0.929	3.3%
0.910 to 0.919	4.4%
0.900 to 0.909	5.6%
0.890 to 0.899	6.7%
0.880 to 0.889	8.0%
0.870 to 0.879	9.2%



# STANDARD EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE

**RATE CODE: XL1**

0.860 to 0.869	10.5%
0.850 to 0.859	11.8%
Below 0.850	15.0%

- 11. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary voltage Service Location.
  
- 12. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$2.21 per kW of Maximum Demand.



# HIGH LOAD FACTOR EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE

RATE CODE: XLHLF

## Service

**Availability** – This rate is available to any Lansing Board of Water & Light (BWL) customer desiring primary voltage service through a dedicated substation for any purpose when supplied at one Premises through one metering installation. This rate is not available for emergency or standby services.

The customer must agree to a service contract with the BWL for the customer's entire electric service requirements at the applicable Premises for a period of not less than ten years. If the customer ceases operation before the completion of the initial service contract term, the customer shall pay the remaining net book value for any infrastructure investments made specifically for the customer as specified in the service contract.

**Nature of Service** - The service is alternating current, 60 hertz, three phase. The primary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$545.00	Per Month
<b>Capacity Charge</b>		
On-Peak Billing Demand	\$32.50	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$7.00	Per kW for all kW of Maximum Demand
<b>Commodity Charge</b>		
Summer months of June through September	\$0.05466	Per kWh for all kWh
Winter months of October through May	\$0.05014	Per kWh for all kWh
<b>Power Factor Charge</b>		See Power Factor section below

## Billing

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off-Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off-Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
- 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 production, distribution, or sale of electric power, 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 Electric Service hereby incorporated by reference.



# HIGH LOAD FACTOR EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE

**RATE CODE: XLHLF**

6. **On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month, but the On-Peak Billing Demand shall never be less than 50% of the highest On-Peak Billing Demand of the preceding 11 billing months.
  
7. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
  
8. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
  
9. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilo-var-hours and Kilowatt-hours during the billing period. The calculated ratio of lagging Kilo-var-hours to Kilowatt hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity-based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

Power Factor	Power Factor Penalty Charge
Greater than or equal to 0.950	0.0%
0.940 to 0.949	1.1%
0.930 to 0.939	2.2%
0.920 to 0.929	3.3%
0.910 to 0.919	4.4%
0.900 to 0.909	5.6%
0.890 to 0.899	6.7%
0.880 to 0.889	8.0%
0.870 to 0.879	9.2%
0.860 to 0.869	10.5%
0.850 to 0.859	11.8%
Below 0.850	15.0%

10. **Equipment Supplies by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary voltage Service Location.



## HIGH LOAD FACTOR EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE

RATE CODE: XLHLF

11. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$2.21 per kW of Maximum Demand,



**MARKET BASED PRICING ECONOMIC DEVELOPMENT  
INDUSTRIAL ELECTRIC SERVICE**

**RATE CODE: EDM**

**Service**

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer with an incremental load of 30MW or more desiring primary voltage service through a dedicated substation for any purpose when supplied at one Premises through one metering installation. This rate is not available to a new customer resulting from a change in ownership of an existing Premises served by the BWL. This rate is not available for emergency service or standby services.

The customer must agree to a service contract with the BWL for the customer's full electric service requirements at the applicable Premises for a period of not less than fifteen years. If the customer ceases operations or requests disconnection before the completion of the initial service contract term, the customer shall pay the remaining net book value for any infrastructure investments made specifically for the customer as specified in the service contract.

The customer shall be billed under this rate schedule beginning the date Electric Power is delivered through the dedicated substation. Electric Power used during the construction of the customer's facilities before Electric Power is delivered through the dedicated substation will be billed on the applicable primary or secondary voltage rate schedule. The customer must achieve its contracted load within five (5) years from the effective date of the service contract. Should the customer not achieve its contractual load estimate, the customer will be placed on the applicable rate schedule.

**Nature of Service** - The service is alternating current, 60 hertz, three-phase. The primary voltage is determined by the BWL.

**Rates**

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

Billing Determinant	Description	Example
Monthly Fixed Charge	Fixed Charge for billing customer service support and metering	
Power Supply Capacity Charge	MISO Planning Resource Auction clearing price for all kW of On-Peak Billing Demand	\$51,400 / MW yr @ 90% LF = \$6.52/MWh
Power Supply Transmission Charge	METC Joint Zone Rates for applicable schedules for all kW of On-Peak Billing Demand	\$75,000 / MW yr @ 90% LF = \$9.51/MWh
Energy Charge	MISO Real Time Locational Marginal Price (LMP) for CONS.LANS node for all kWh	\$30.00 / MWh
Facilities Operation & Maintenance Charge	Incremental and Replacement Generation, Transmission, & Distribution Facilities Charge	
Incremental Transmission & Distribution Facilities Charge	Per service contract terms for the incremental transmission & distribution facilities provided by the BWL	
System Contribution Charge	15% of total charges from the above pricing components	\$46.03 x 15% = \$6.90 / MWh
Total = \$50.63 / MWh or 5.06 cents / kWh		
Power Factor Charge	See the Power Factor section below	



## MARKET BASED PRICING ECONOMIC DEVELOPMENT INDUSTRIAL ELECTRIC SERVICE

RATE CODE: EDM

### Billing

1. **Minimum Bill** - The Minimum Bill is based on the minimum obligation as stated in the contract.
2. **Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are Off Peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off Peak.  
On-Peak Hours: 7:00 AM to 11:00 PM  
Off-Peak Hours: 11:00 PM to 7:00 AM
3. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
4. **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 production, distribution, or sale of electric power, will be in addition to the rates set forth here
5. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
6. **On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month, but the On-Peak Billing Demand shall never be less than 100% of the highest On-Peak Billing Demand of the preceding 11 billing months.
7. **Metering** - Where the BWL elects to measure the service on the secondary side of the substation transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
8. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging KiloVar hours and Kilowatt hours during the billing period. The calculated ratio of lagging KiloVar hours to Kilowatt hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.950, a penalty will be applied to all power supply and energy based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months with a Power Factor below 0.850, the customer may be turned off until corrective equipment is installed.



**MARKET BASED PRICING ECONOMIC DEVELOPMENT  
INDUSTRIAL ELECTRIC SERVICE**

**RATE CODE: EDM**

<b>Power Factor</b>	<b>Power Factor Penalty Charge</b>
Greater than or equal to 0.950	0.0%
0.940 to 0.949	1.1%
0.930 to 0.939	2.2%
0.920 to 0.929	3.3%
0.910 to 0.919	4.4%
0.900 to 0.909	5.6%
0.890 to 0.899	6.7%
0.880 to 0.889	8.0%
0.870 to 0.879	9.2%
0.860 to 0.869	10.5%
0.850 to 0.859	11.8%
Below 0.850	15.0%

9. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary voltage Service Location.
  
10. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$2.21 per kW of Maximum Demand.
  
11. **Resale of Electric Power** - This rate is not eligible for resale of electric power as provided for in the Rules and Regulations.



# HIGH LOAD FACTOR ECONOMIC DEVELOPMENT INDUSTRIAL ELECTRIC SERVICE

**RATE CODE: EDHLF**

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer with incremental load of 30MW or more desiring primary voltage primary voltage service through a dedicated substation for any purpose when supplied at one Premises through one metering installation. This rate is not available to a new customer resulting from a change in ownership of an existing premises served by the BWL. This rate is not available for emergency or standby services.

The customer must agree to a service contract with the BWL for the customer's full electric service requirements at the applicable Premises for a period of not less than fifteen years. If the customer ceases operation or requests disconnection before the completion of the initial service contract term, the customer shall pay the remaining net book value for any infrastructure investments made specifically for the customer as specified in the service contract.

The customer shall be billed under this rate schedule beginning the date electric power is delivered through the dedicated substation. Electric Power used during the construction of the customer's facilities before Electric Power is delivered through the dedicated substation will be billed on the applicable primary or secondary voltage rate schedule. The customer must achieve its contracted load within five years from the effective date of the service contract. Should the customer not achieve its contractual load estimate, the customer will be placed on the applicable rate schedule.

**Nature of Service** - The service is alternating current, 60 hertz, three phase. The primary voltage is determined by the BWL.

## Rates

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

<b>Basic Service Charge</b>	\$5,400.00	Per Month
<b>Capacity Charge</b>		
On-Peak Billing Demand	\$7.65	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$5.95	Per kW for all kW of Maximum Demand
Incremental Transmission & Distribution Facilities Charge		Per Service contract terms for the incremental transmission & distribution facilities provided by the BWL
<b>Commodity Charge</b>		
All Energy	\$0.05130	Per kWh for all kWh
<b>Power Factor Charge</b>		<b>See Power Factor section below</b>

## Billing

1. **Minimum Bill** - The Minimum Bill is based on 30MW of On-Peak Billing Demand at the contractual load factor estimate for all billing determinants above one, once the 5-year initial term has completed.
2. **Schedule of On-Peak and Off-Peak Hours** - The following schedule shall apply Monday through Friday, including weekday U.S. Holidays when applicable. Saturday and Sunday are off-peak. Designated NERC/MISO weekday holidays, as shown in the Rules and Regulations, will be considered Off Peak.  
On-Peak Hours: 10:00 AM to 6:00 PM  
Off-Peak Hours: 6:00 PM to 10:00 AM
3. **Surcharges and Riders** – Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule



**HIGH LOAD FACTOR ECONOMIC DEVELOPMENT  
INDUSTRIAL ELECTRIC SERVICE**

**RATE CODE: EDHLF**

4. **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 electric power, will be in addition to the rates set forth herein.
  
5. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
  
6. **On-Peak Billing Demand** - The On-Peak Billing Demand shall be the kW supplied during the 15-minute period of maximum use during the On-Peak Period during the billing month, but the On-Peak Billing Demand shall never be less than 50% of the highest On-Peak Billing Demand of the preceding 11 billing months.
  
7. **Maximum Demand** - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.
  
8. **Metering** - Where the BWL elects to measure the service on the secondary side of the transformers, the metered kW and kWh thus measured will be increased by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, consumption as registered by the different meters will not be combined for billing purposes but will be billed and computed separately.
  
9. **Power Factor Charge** - This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar hours and Kilowatt hours during the billing period. The calculated ratio of lagging Kilovar hours to Kilowatt hours shall then be converted to the average Power Factor for the billing period by using the appropriate conversion factor. If the average Power Factor during the billing period is less than 0.900, a penalty will be applied to all commodity and capacity based charges in accordance with the following table. A Power Factor less than 0.850 is not permitted and necessary corrective equipment must be installed by the customer. After six consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

<b>Power Factor</b>	<b>Power Factor Penalty Charge</b>
Greater than or equal to 0.950	0.0%
0.940 to 0.949	1.1%
0.930 to 0.939	2.2%
0.920 to 0.929	3.3%
0.910 to 0.919	4.4%
0.900 to 0.909	5.6%
0.890 to 0.899	6.7%
0.880 to 0.889	8.0%
0.870 to 0.879	9.2%



**HIGH LOAD FACTOR ECONOMIC DEVELOPMENT  
INDUSTRIAL ELECTRIC SERVICE**

**RATE CODE: EDHLF**

0.860 to 0.869	10.5%
0.850 to 0.859	11.8%
Below 0.850	15.0%

- 10. **Equipment Supplied by Customer** - The customer shall be responsible for furnishing, installing, and maintaining all necessary and approved transforming, controlling and protective equipment required for service beyond the BWL primary voltage Service Location.
  
- 11. **Alternate Primary Source** - Should the customer request the BWL to provide an Alternate Primary Source as provided for in the Rules and Regulations for added reliability, the customer will be subject to a standby charge for the ongoing operations and maintenance of the Alternate Primary Source of \$2.21 per kW of Maximum Demand.
  
- 12. **Resale of Electric Power** - This rate is not eligible for resale of electric power as provided for in the Rules and Regulations.



# STANDARD STREET LIGHTING ELECTRIC SERVICE

RATE CODE: SL1

## Service

**Availability** - Available to any political subdivision or agency of the State of Michigan for street lighting service for any system consisting of one or more luminaires where the Lansing Board of Water & Light (BWL) has an existing distribution system with secondary voltage available. Luminaires may be installed with no limitations as to spacing between luminaires. Where an overhead line extension is required to serve one or more luminaires, the BWL will furnish 350 linear feet of line extension per luminaire served from such extension.

**Nature of Service** - The BWL will furnish, install, own, operate, and maintain all equipment comprising the street lighting system, and supply the unmetered energy. The BWL reserves the right to furnish service from either a series or multiple system or both.

## Rates

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

<b>LED Decorative Luminaire</b>	
6,250 Luminaire	\$20.38
7,500 Luminaire	\$22.50
10,000 Luminaire	\$24.64
<b>LED End Mount Luminaire</b>	
6,250 Luminaire	\$12.87
7,500 Luminaire	\$15.85
10,000 Luminaire	\$23.52
<b>LED Flood Luminaire</b>	
6,250 Luminaire	\$11.85
7,500 Luminaire	\$17.38
10,000 Luminaire	\$24.64

Plus, an additional monthly charge, depending on the type of installation of:

Wood Pole Overhead Service	\$8.46
Wood Pole Underground Service	\$12.99
Concrete Pole Overhead Service	\$19.05
Concrete Pole Underground Service	\$22.07
Post Top Concrete	\$14.08
Historic Single Top	\$50.18
Large Historic Dual Top	\$89.02
Small Historic Dual Top	\$50.18
Wall/Tunnel 8760 Hours	\$12.37
Wall/Tunnel 4200 Hours	\$15.70
Bollard	\$43.27

Note: Luminaires installed on existing poles will be charged only the applicable rate for the luminaire. None of the additional charges above will be applied.

## Billing

- Customer Contribution** - The monthly rates are based on fixtures normally stocked by the BWL and



## STANDARD STREET LIGHTING ELECTRIC SERVICE

### RATE CODE: SL1

installed utilizing normal construction techniques. The BWL may, at its option, upon customer request install a street lighting system not covered by the rates above. Such requests shall be subject to the terms and conditions of Electric Rate SL2.

2. **Unit Replacement** - The BWL may, at its option, upon customer request replace existing streetlight units. After installation, the customer shall make a one-time contribution equal to the undepreciated value of the unit plus the cost of removal.
3. **Surcharge and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
4. **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 electric power, will be in addition to the rates set forth herein.
5. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.



# SPECIALITY FACILITIES STREET LIGHTING ELECTRIC SERVICE

RATE CODE: SL2

## Service

**Availability** - Available to any political subdivision or agency of the State of Michigan for nonstandard Lansing Board of Water & Light (BWL) street lighting service for any system consisting of one or more luminaires where the BWL has an existing distribution system with secondary voltage available.

**Nature of Service** - The BWL will furnish, install, own, operate, and maintain all equipment comprising the street lighting system, and supply the unmetered energy. The BWL reserves the right to furnish service from either a series or multiple system or both.

## Rates

**Annual Rate** - The annual rate per luminaire with fixture and setting, payable in twelve monthly installments, shall consist of an annual energy charge and an annual facilities charge, as set forth below:

LED Luminaire	\$0.54	Per 100 luminaires of rated luminaire output
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## Billing

- Annual Facilities Charge** - The Annual Rate to recover the cost of luminaires, poles, attachments, and other equipment installed to provide service under this rate schedule, including the total facilities cost less any customer contributions, projected annual maintenance cost, and return on investment. The annual facilities charge for each luminaire and setting will be specified in the service contracts with each customer.
- Unit Replacement** - The BWL may, at its option, upon customer request replace existing street light units. After installation, the customer shall make a one time contribution equal to the undepreciated value of the unit plus the cost of removal.
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# CUSTOMER OWNED STREET LIGHTING ELECTRIC SERVICE

RATE CODE: SLCUST

## Service

**Availability** - Available to any political subdivision or agency of the State of Michigan for street lighting service for any system consisting of one or more luminaires where the Lansing Board of Water & Light (BWL) has an existing distribution system available.

Effective March 1, 2011, this rate is not open to new business.

**Nature of Service** - The BWL will connect the customers equipment to BWL lines, furnish the control equipment, supply the unmetered energy, control the burning hours of the lamps, provide normal replacement of luminaire refractors, control devices and lamps. The customer will furnish, install and own all equipment comprising the street lighting system, including, but not limited to the overhead wires or underground cables between luminaires and the supply circuits extending to the point of attachment with the BWL. All maintenance and replacement of the customers' equipment except normal lamp and glass replacement shall be paid by the customer. The BWL reserves the right to furnish service from either a series or multiple system or both.

## Rates

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

LED Luminaire	
8,800 Luminaire	\$6.92
12,500 Luminaire	\$9.97
25,500 Luminaire	\$13.23

## Billing

- Maintenance Charge** - The actual labor, material, miscellaneous, and indirect charges experienced in maintaining street light units during the preceding month.
- Combined Rates** - The monthly rate for units consisting of more than one luminaire shall be the appropriate combination of individual unit charges above.
- Special Terms and Conditions** - The BWL reserves the right to make special contractual arrangements as to termination charges, contributions in aid of construction, term or other special considerations when the customer requests service, equipment or facilities not normally provided under this rate.
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# OUTDOOR LIGHTING ELECTRIC SERVICE

RATE CODE: OLS

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer located within the BWL service area for dusk to dawn lighting of a Premises. The BWL furnishes and maintains all lights. The installation will overhang private property from existing or new poles set at points accessible to BWL construction and maintenance equipment. This rate is not available for purposes of street, highway, or public thoroughfare lighting.

## Rates

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

<i>Luminaires on Overhead Mast Arm on existing BWL poles</i>	
LED End Mount	
8,800 Luminaire	\$14.52
12,500 Luminaire	\$17.20
25,500 Luminaire	\$22.78
<i>Floodlighting Luminaires on Bracket Arm on existing BWL poles</i>	
LED Flood	
5,800 Luminaire	\$17.62
16,500 Luminaire	\$20.46
29,000 Luminaire	\$24.19

In the event additional facilities or rearrangement of existing facilities is required, the BWL shall install, operate and maintain such facilities for the following monthly charges.

Type of Facilities	
35-Foot wood poles, including span of overhead secondary extension	\$19.50 Per pole
37-Foot concrete poles, including span of overhead secondary extension	\$32.70 Per pole
Post Top Concrete	\$23.43 Per pole
Other facilities, hand set poles, or rearrangement of existing facilities	1.67% of the estimated cost

1. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge rider schedule.
2. **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 electric power, will be in addition to the rates set forth herein.
3. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.
4. **Service Contract** - A written service agreement shall be entered into to take BWL service for a term of years determined as follows:



## OUTDOOR LIGHTING ELECTRIC SERVICE

### RATE CODE: OLS

- A. One year, if additional facilities are not required,
- B. Three years, if additional facilities are required,
- C. Five years if monthly facilities charges are calculated at 1.67% of estimated cost, or
- D. Ten years, if special contractual arrangements are made.

In the event the customer discontinues service before the end of the agreement term, the established rate for the remaining portion of the agreement shall immediately become due and payable. The BWL will replace lamps or make repairs when practicable after the customer has reported that the installation requires servicing. Such replacements and repairs will be made during regular working hours. The BWL may refuse or restrict the service provided in this rate to seasonal type customers and/or may require such customers to pay for the service annually in advance where the permanency of the customer is doubtful or has not been demonstrated by the customer. If relocation, including adjustment, of the outdoor light or relocation of other facilities used in connection with the light is desired by the customer during the term of the contract, the BWL will provide this service, if feasible, at the customer's expense.



# UNMETERED DEVICES ELECTRIC SERVICE

RATE CODE: UNM

## Service

**Availability** - This rate is available to Unmetered Devices, such as Community Antenna Television Service Companies (CATV), wireless access companies, or security camera companies for unmetered Power Supply Units.

Where the Lansing Board of Water & Lights (BWL) total investment to serve an individual Premises exceeds three times the annual revenue to be derived from such Premises, a contribution to the BWL shall be required for the excess.

**Nature of Service** - The service is alternating current, 60 hertz, single-phase, 120/240 nominal volts.

## Rates

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

<b>Basic Service Charge</b>	\$5.80	Per Month
<b>Commodity Charge</b>	\$0.12360	Per kWh for all kWh

## Billing

- Determination of kWh** - Monthly kWh shall be determined by multiplying the total connected load in kW times 730 hours.

The kWh for CATV Power Supply Units shall be 50% of the total kWh as determined from the manufacturers rated input capacity of the Power Supply Units or the actual test load, whichever is greater.

The kWh for Wireless Access and Security Camera Power Supply Units shall be 100% of the total kWh as determined from the manufacturers rated input capacity of the Power Supply Units or the actual test load, whichever is greater.

The BWL may, at its option, install test meters for the purpose of determining the monthly kWh usage to be used for billing purposes.

- Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
- 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 electric power, 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 Electric Service hereby incorporated by reference.



# TRAFFIC SIGNAL UNMETERED DEVICES ELECTRIC SERVICE

RATE CODE: UNMT

## Service

**Availability** - This rate is available to the U.S. Government, any political subdivision or agency of the State of Michigan, and any public or private school district for lamp installations maintained for traffic regulation or guidance, as distinguished from street illumination and police signal systems.

Where the Lansing Board of Water & Light (BWL) total investment to serve an individual Premises exceeds three times the annual revenue to be derived from such Premises, a contribution to the BWL shall be required for the excess.

**Nature of Service** - The service is alternating current, 60 hertz, single phase, 120/240 nominal volts.

## Rates

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

<b>Part 1: Electric Service</b>		
Basic Service Charge	\$5.80	Per Month
Commodity Charge	\$0.18020	Per kWh for all kWh
<b>Part 2: Maintenance Charge</b>		
The actual labor, material, miscellaneous and indirect charges experienced maintaining and relamping traffic signals during the preceding month.		

## Billing

1. **Determination of kWh** - Monthly kWh shall be determined by multiplying the total connected load in kW (including the lamps, ballasts, transformers, amplifiers, and control devices) times 730 hours.

The kWh for cyclical devices shall be 50% of the total kWh so calculated.

The kWh of continuous, non-intermittent devices shall be 100% of the total kWh so calculated.

The kWh of devices used for the control of school traffic and operated not more than six hours per day during the school year only, shall be 10% of the continuous or cyclical kWh so calculated.

The BWL may, at its option, install test meters for the purpose of determining the monthly kWh usage to be used for billing purposes.

2. **Minimum Bill** - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.
3. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
4. **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 electric power, will be in addition to the rates set forth herein.
5. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.



# POWER SUPPLY COST RECOVERY ADJUSTMENT

RATE CODE: PSCR

## Service

The Power Supply Cost Recovery (PSCR) Adjustment permits the monthly adjustment of rates for the costs incurred in supplying electricity. All electric rates with a kWh billing determinant are subject to the PSCR Adjustment, as defined in the table of eligible rates below. In applying the PSCR Adjustment, the applicable rate per kWh shall be increased or decreased by the amount of the current PSCR Adjustment.

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

**Power Supply Cost Recovery (PSCR) Adjustment** - The amount per kWh by which the applicable rates shall be adjusted for billing in each month.

**Power Supply Cost** - Those costs incurred in supplying electricity. Costs include, but are not limited to, fuel burned and fuel related cost, fuel transportation, pre and post combustion fuel additives, fuel procurement, environmental allowances, costs of power purchase and tolling agreements, market energy, capacity, and ancillary services costs, and transmission costs.

**Over/Under Recovery** - The difference between actual Power Supply Cost for prior months and the amount of Power Supply Cost recovered by means of the Base Cost of Power Supply and the Power Supply Cost Recovery Adjustment. The Over/Under Recovery shall be added to the Power Supply Cost for purposes of computing the PSCR Adjustment for each month. Power Supply Cost will be offset with net wholesale energy, capacity, ancillary services, and transmission revenues.

**Base Cost of Power Supply** - The average Power Supply Cost included in the energy rates of the various rate schedules. Such amount shall not be recovered by means of the PSCR Adjustment. The current Base Cost of Power Supply is \$0.0361 per kWh sold.

**Eligible Rates** - The following rates will be subject to the PSCR Adjustment:

RES1	RESTOU	RES22
RES21	OPTO	OPTOS
SC1	SCTOU	MC1
MCTOU	MCEV	MCHLF
LC1	LCTOU	LCEV
LCHLF	XL1	XLHLF
EDHLF	UNM	UNMT
MCFPS	MC1STBY	LC1STBY
Other per contract terms		



## ELECTRIC ENVIRONMENTAL CHARGE

RATE CODE: ENVE

### Service

**Purpose** - The Electric Environmental Charge permits the recovery of costs and expenses incurred from environmental remediation and mitigation activities that are required as matter of agreement, order, decree, or law. All electric rates with a kWh billing determinant are subject to the Electric Environmental Charge, as defined in the table of eligible rates below. All revenues collected from the Electric Environmental Charge will be directly applied to offset these environmental expenses and other associated expenses. The Electric Environmental Charge shall be reviewed and revised periodically in accordance with the provisions of this schedule and until the balance is zero. Should the Electric Environmental Charge collect revenues in excess of environmental expenses, the difference shall be refunded to the applicable rates.

**Electric Environmental Charge** - The current charge is **\$0.0046/kWh**

**Eligible Rates** - The following rates will be subject to the Electric Environmental Charge:

RES1	RESTOU	RES22
RES21	OPTO	OPTOS
SC1	SCTOU	MC1
MCTOU	MCEV	MCHLF
LC1	LCTOU	LCEV
LCHLF	XL1	XLHLF
EDM	EDHLF	UNM
MCFPS	MC1STBY	LC1STBY
UNMT	Other per contract terms	



# RENEWABLE ENERGY PLAN SURCHARGE

RATE CODE: REP

## Service

**Purpose** - The Renewable Energy Plan Surcharge (REP Surcharge) is designed to recover Renewable Energy Plan program costs, as required by 2016 PA 342, as amended by PA 235 in 2023. The REP Surcharge will appear as a line item on the customer's bill.

*The REP Surcharge shall be reviewed and revised periodically in accordance with the provisions of this schedule, not to exceed the maximum surcharge allowed under the provisions of 2016 PA 342, as amended by PA 235 in 2023.*

## Rates

**Monthly Surcharge** - Current Monthly REP Surcharges are as follows:

Rate Schedule	REP Surcharge
<b>Residential</b>	
RES1	\$0.00 Per Month
RESTOU	\$0.00 Per Month
RES21	\$0.00 Per Month
OPTO	\$0.00 Per Month
OPTOS	\$0.00 Per Month
<b>Small Commercial</b>	
SC1	\$0.00 Per Month
SCTOU	\$0.00 Per Month
<b>Midsize Commercial</b>	
MC1	\$0.00 Per Month
MC1STBY	\$0.00 Per Month
MCTOU	\$0.00 Per Month
MCHLF	\$0.00 Per Month
MC1FPS	\$0.00 Per Month
<b>Large Commercial &amp; Industrial</b>	
LC1	\$0.00 Per Month
LC1STBY	\$0.00 Per Month
LCTOU	\$0.00 Per Month
LCHLF	\$0.00 Per Month
<b>Extra Large Industrial</b>	
XL1	\$0.00 Per Month
XLHLF	\$0.00 Per Month
<b>Economic Development Industrial</b>	
EDM	\$0.00 Per Month
EDHLF	\$0.00 Per Month
<b>Other Electric Service</b>	
SL1	\$0.00 Per Luminaire per Month
SL2	\$0.00 Per Luminaire per Month
SLCUST	\$0.00 Per Luminaire per Month
UMN	\$0.00 Per Month
UMNT	\$0.00 Per Month



## ENERGY OPTIMIZATION SURCHARGE

**RATE CODE: EO**

### Service

**Purpose** – The Energy Optimization (EO) Surcharge is designed to recover Energy Optimization Plan program costs, as required by 2016 PA 342 as amended by 2023 PA 229. The EO Surcharge will appear as a line item on the customer’s bill.

*The EO Surcharge shall be reviewed and revised periodically in accordance with the provisions of this schedule, not to exceed the maximum surcharge allowed under the provisions of 2016 PA 342 as amended by 2023 PA 229.*

### Rates

**Monthly Surcharge** - Currently Monthly EO Surcharges are as follows:

Rate Schedule	EO Surcharge	EO Surcharge Self-Directed
<b>Residential</b>	\$0.002930/kWh	NA
Applies to rates: RES1, RESTOU, RES21, RES22, OPTO, OPTOS		
<b>Commercial and Industrial</b>	\$0.002086/kWh	\$0.000271/kWh
Applies to Rates: SC1, SCTOU, MC1, MCTOU, MCEV, MCHLF, MC1STBY, MCFPS, LC1, LCTOU, LCEV, LC1STBY, LCHLF, XL1, XLHLF, EDM, EDHLF		



## VOLUNTARY RENEWABLE RIDER

RATE CODE: VBER

### Service

**Availability** - This rider is available to Lansing Board of Water & Light (BWL) customers making use of any BWL Electric Rate Schedule. The program will be capped based on availability of renewable energy.

**Nature of Service** - The BWL will provide renewable energy to enrolled participants; however, the BWL cannot guarantee that the actual electricity delivered to each participant's Premises at any specific time will be produced from a renewable energy resource. The renewable energy will be either provided in blocks of 250 kWh or in 5% increments of the customer's total energy consumption, with each participant determining the number of blocks or the percentage they wish to purchase for a Premises. The participant will be billed for the amount of renewable energy purchased, regardless of actual kWh usage at the enrolled Premises. If the customer purchases enough renewable energy to offset their annual kWh usage at the enrolled Premises, the participant is eligible to claim their enrolled Premises is served with 100% renewable energy, as renewable energy credits associated with the renewable energy purchased through this rider will be retired and will not be used to fulfill BWL's renewable energy compliance requirements or otherwise disposed of.

### Rates

**Monthly Rate** - BWL will publish the price for renewable energy on its website. This price will increase or decrease from time to time based on cost and availability of renewable energy resources.

**Term and Form of Contract** - All non-residential participants will be subject to a contract stating the amount of renewable energy they will be purchasing and the period of time they will be enrolled in the rider.



## RENEWABLE ENERGY DISTRIBUTED GENERATION RIDER

RATE CODE: DG

### Service

**Purpose** - This rider provides the ability for Lansing Board of Water & Light (BWL) customers with on-site generated renewable energy to send renewable energy back to the electric grid when their generation exceeds their own consumption at the participating Premises.

**Distributed Availability** - Renewable Energy Distributed Generation (DG) rider participants must be an electric customer making use of any metered BWL Electric Rate Schedule. The DG Program will be voluntary and the selection of a Premises for participation in the DG program shall be based on the order in which the applications for the DG program are received by the BWL.

The customer's renewable energy generating system may be limited, at BWL's sole discretion, to geographical regions within the BWL's service territory, depending on infrastructure capacity.

**Eligible Renewable Energy Resources** - The customer's renewable energy generating system must generate a portion or all of the retail electricity requirements at the Premises using a renewable energy resource including but not limited to the following: Biomass, Solar Photovoltaic, Storage or Wind. Other renewable energy resources not included in the list above must be approved by the BWL in advance of construction.

**Generation and Interconnection Requirements** - The customer's renewable energy generating system and related equipment must be located on the Premises and serve only the Premises on the associated Account. DG applicants may apply to install generating systems of any capacity, but will be responsible for the cost of any resulting infrastructure upgrades to the BWL's electric distribution system prior to energizing the generating system or as deemed necessary by the BWL and in accordance with the Rules and Regulations. The BWL, at its discretion, will make the final determination of the acceptable size of the renewable energy generating system eligible for participation. Before energizing an eligible renewable energy generating system, the applicant must: a) provide proof to the BWL that the generator has passed all applicable service upgrade and electrical inspections with the appropriate authority having jurisdiction, b) have signed a parallel operating agreement, and c) have permission to operate in writing from the BWL. The applicant cannot participate in the Advanced Meter Opt-Out Program as defined in the Rules and Regulations.

**Distributed Generation Billing** - All approved DG program applicants will be billed using an Inflow/Outflow methodology. Inflow to the customer's Premises (delivered energy from the BWL) will be charged at the customer's selected retail rate. Outflow from the customer's Premises (received energy by the BWL) will be credited back to the customer's monthly bill in the form of a reduction. The value of Outflow energy will be credited at the price listed on BWL's website. The price for outflow will be periodically updated.

**Renewable Energy Credit** - Customers may elect to sell their Renewable Energy Credits (RECS) to the BWL and receive additional value for Outflow energy. Customers who choose to sell their RECS to the BWL must sign a separate agreement with the BWL to allow the BWL to register their eligible renewable energy generating system in the Michigan Renewable Energy Certification System (MIRECS), enter generation data, and transfer the RECS to the BWL. The BWL will periodically update the price for RECS. The RECS will be measured from the Outflow of the customer's bidirectional meter and will be the same meter used for the customer's monthly billing.

**Rules and Regulations** - Service under this rider is subject to the BWL Rules and Regulations for Electric Service and the Renewable Energy Distributed Generation Program Standards hereby incorporated by reference. The BWL reserves the right to revise the terms and conditions including any electric energy buy-back pricing rates of future DG programs.



## RENEWABLE ENERGY NET METERING RIDER

RATE CODE: NM

### Service

**Purpose** - This rider provides any Lansing Board of Water & Light (BWL) customers with onsite generated renewable energy to send renewable energy back to the electric grid when their generation exceeds their own consumption at the participating Premises.

**Availability** - This rider is closed to new customers and only available to customers who have signed a parallel operating agreement before October 1, 2022. Customers enrolled in this rider on October 1, 2022 will be allowed to remain on the rider until October 1, 2032. This rider is non-transferable.

Net Metering rider participants must be an electric customer making use of any metered BWL Electric Rate Schedule. The Net Metering Program will be voluntary and selection of Premises for participation in the net metering program shall be based on the order in which the applications for the net metering program are received by the BWL. The Net Metering Program will be in effect until the total nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the BWL peak load for the preceding calendar year. The renewable energy generating system will not exceed 50 kW per Premises and may be limited, at BWL's sole discretion, to geographical regions within the BWL's service territory.

**Eligible Renewable Energy Resources** - The customers renewable energy generating system must generate a portion or all of the retail electricity requirements at the Premises using a renewable energy resource including but not limited to the following: Biomass, Solar Photovoltaic or Wind. Other renewable energy resources not included in the list above must be approved in advance by the BWL.

**Generation and Interconnection Requirements** - The generation equipment must be located on the Premises and serve only the Premises on the associated Account. The Net Metering applicant shall be limited to generation capacity designed to meet the Premises electric demand and energy needs. The BWL, at its discretion, will make the final determination of the acceptable size of the renewable energy generating system eligible for participation. Before participating in the Net Metering Program, the generators Premises must be approved for parallel operation with BWL's electric distribution system by meeting all interconnection requirements.

**Monthly Rate** - All Net Metering Service Locations will be billed \$5.00 per month to recover costs associated with operating the Net Metering Program.

**Net Metering** - Net metering Premises with a system capable of generating 20 kW or less shall qualify for true net metering. For Service Locations who qualify for true net metering, the net of the bidirectional flow of kWh across the Premises interconnection with the BWL distribution system during the billing period, including excess generation credits, shall be credited at the full retail energy (kWh) rate.

- A. The credit for Net Excess Generation (NEG), if any, shall appear on the next bill and any excess credit not used to offset current charges shall be carried forward for use in subsequent billing periods.
- B. Reconciliation of any NEG credits will occur at the end of each calendar year. At that time the customer's NEG credit balance will be reset to zero and any NEG credits will be refunded at the average locational marginal price at the CONS.LANS node for the preceding year.
- C. If a customer leaves the provider's system or service is terminated for any reason, the BWL shall refund to the Premises the remaining NEG credit amount. Remaining NEG credits will be refunded at the average locational marginal price at the CONS.LANS node for the preceding year.

**Rules and Regulations** - Service under this rider is subject to the BWL Rules and Regulations for Electric Service and the Renewable Energy Net Metering Program Standards hereby incorporated by reference. The BWL reserves the right to revise the terms and conditions including any electric energy buy-back pricing rates of future Net Metering programs.



# ELECTRIC ECONOMIC DEVELOPMENT RIDER

RATE CODE: EDRE

## Service

**Purpose** - The Lansing Board of Water & Light (BWL) provides economic incentives to its electric utility service customers with a goal of attracting new customers or supporting the expansion of existing businesses. The incentives are applied where, in the BWL’s judgment: a) the incentive is a major determining factor for the customer to take or add BWL service(s), and b) use of the incentive will result in economic and other benefits to the BWL and its customers.

**Availability** - This rider is available to customers who commit to creating new load or significantly increasing existing load by a minimum of 500 kW. The BWL will, in its sole discretion, determine the percentage and duration of the incentive offered to the customer based on the BWL approved economic development program. The customer may be required to enter into a written agreement that specifies its commitment to economic development and the BWL’s incentives and conditions of this Electric Economic Development Rider.

**Monthly Discount** - This rider provides for a discount on the customer’s monthly billing for the applicable Premises. The BWL will determine the appropriate discount on the new or increased load, which will not exceed the following schedule:

Eligible Rate Schedule	Maximum Percent Discount on Capacity and Commodity Charges				
	Year 1	Year 2	Year 3	Year 4	Year 5
MC1	30%	24%	18%	12%	6%
MCTOU					
MCHLF					
LC1					
LCTOU					
LCHLF					
XL1	40%	40%	20%	20%	10%
XLHLF					

Note: The discount percentages are maximum limits. The actual discount will be calculated based on the economic development program in effect.

At the end of the incentive period and all years thereafter, the customer will be billed according to the appropriate rate.

**Load Eligible for Discount** - For new customers, the discount will apply to all new load. For existing customers with expanded load, the BWL shall determine the load eligible for this rider, which may be based on the increase beyond historical load billed during the twelve month period prior to the implementation of this Electric Economic Development Rider.



## RATE TRANSITION CREDIT

RATE CODE: RTC

### Service

**Purpose** – The purpose of the Rate Transition Credit (RTC) is to provide rate relief to select Commercial and Industrial customers who experience rate increases that are significantly higher than average due to a transition to or modification of a rate class established by the character of the service being provided.

**Availability** – Customer eligibility will be at BWL’s discretion and evaluated on an individual basis. Customers must have an active BWL account in good standing to continue receiving the credit.

**Monthly Discount** – The RTC provides a percentage discount on the customer's total billed amount for the eligible account. The credit will appear as a line item on the customer’s monthly bill. As approved by management. Credits will be reviewed yearly and may be removed at any time.



## ELECTRIC HEAT TRANSITION CREDIT

RATE CODE: EHTC

### Service

**Purpose** - The purpose of the Electric Heating Transition Credit (EHTC) is to provide electric heating rate relief to former Steam customers who were unable to connect to the new Hot Water system as part of the Lansing Board of Water & Light's (BWL) transition from Steam to Hot Water service. The credit amount will be determined by the BWL and will remain in effect for each eligible customer for up to ten (10) years from the customer's initial credit date, unless the Customer discontinues service. The EHTC rider will be closed to new participants once all eligible customers have transitioned from the Steam service.

**Availability** - Eligibility for this rate will be determined at BWL's discretion and evaluated on an individual customer basis. This rate is available to select former BWL Steam customers who require secondary voltage service to power electric pumps or boilers, provided service is supplied to a single Premises through a single metering installation. This rate is not available for emergency or standby services.

**Monthly Discount** - The EHTC provides a flat monthly discount applied to the total billed amount for eligible accounts. The credit will appear as a line item on the customer's monthly bill year-round. The BWL will determine the appropriate discount based on the portion of the customer's electric load attributable to heating. The EHTC shall be reviewed and may be revised periodically, but no less frequently than every twenty-four months.



## LOW INCOME ENERGY ASSISTANCE FUND SURCHARGE

RATE CODE: LIEAF

### Service

**Purpose** - Public Act 95 of 2013 created a monthly surcharge on each retail billing meter to assist low-income residents with their utility bills. The intention is to provide funds to prevent disconnection of service and to help people become more energy self-sufficient. The surcharge is set by the State of Michigan.

Every customer receiving retail distribution service will be charged this surcharge on one meter. Every year the program is reviewed, and the LIEAF surcharge may be revised

### Rates

**LIEAF Surcharge** - The LIEAF surcharge is set by the State of Michigan.



## RESIDENTIAL WATER

RATE CODE: W01

### Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer of a single-family dwelling or multifamily dwelling of four units or less served by one Premises.

**Nature of Service** - Service under this rate is not available when a portion of the dwelling is used for commercial, industrial, or resale purposes unless the plumbing is so arranged that service for residential and non-residential purposes are metered separately on separate Accounts.

### Rates

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

Basic Service Charge by Meter Size		
5/8" or 3/4"	\$18.64	Per Month
1"	\$41.50	Per Month
1 ¼" or 1 ½"	\$93.00	Per Month
2"	\$158.00	Per Month
Commodity Charge		
Block 1	\$4.28	Per CCF for the first 2 CCF of water
Block 2	\$7.34	Per CCF for all CCF over 2 CCF of water

\*The BWL standard residential installation is a 1" service line with a 3/4 meter. The BWL reserves the right, in its sole judgment, to install 5/8" meters on any new service installation when circumstances warrant.

### Billing

1. **Minimum Bill** - The Minimum Bill shall be the above Basic Service Charge.
2. **Surcharge and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 water, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.



# ADVANCED METER OPT-OUT RESIDENTIAL WATER SERVICE

**RATE CODE: WOPTO**

## Service

**Availability** - This rate is closed to new Lansing Board of Water & Light (BWL) customers and only available to any single-family dwelling or multifamily dwelling of four units or less when the entire water service requirements are supplied at one Premises through one non-transmitting meter who elected to opt-out of advanced meters prior to July 1, 2022. Requirements for eligibility of the advanced meter opt-out program are stated in the Rules and Regulations. Service to appurtenant buildings may be taken through the same meter.

**Nature of Service** - Service under this rate is not available when a portion of the dwelling is used for commercial, industrial, or resale purposes unless the plumbing is so arranged that service for residential and non-residential purposes are metered separately on separate Accounts.

## Rates

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

Basic Service Charge by Meter Size		
5/8" or 3/4"	\$18.64	Per Month
1"	\$41.50	Per Month
1 ¼" or 1 ½"	\$93.00	Per Month
2"	\$158.00	Per Month
Commodity Charge		
Block 1	\$4.28	Per CCF for the first 2 CCF of water
Block 2	\$7.34	Per CCF for all CCF over 2 CCF of water

\*The BWL standard residential installation is a 1" service line with a 3/4 meter. The BWL reserves the right, in its sole judgment, to install 5/8" meters on any new service installation when circumstances warrant.

## Billing

- Opt-Out Fees** - The Advance Meter Opt-Out Fee is \$30 per month for water service.
- Minimum Bill** - The Minimum Bill shall be the above Basic Service Charge.
- Surcharge 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 water, will be in addition to the rates set forth herein.
- Rules and Regulations** - Service under this rate is governed by the BWL Water Rules and Regulations, which are incorporated by reference.



## GENERAL WATER SERVICE

RATE CODE: W02

### Service

**Availability** – This rate is available to any Lansing Board of Water & Light (BWL) customer desiring water for any purpose when supplied at one Premises through one meter.

### Rates

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

Basic Service Charge by Meter Size		
5/8" or 3/4"*	\$18.64	Per Month
1"	\$41.50	Per Month
1 ¼" or 1 ½"	\$93.00	Per Month
2"	\$158.00	Per Month
3"	\$342.33	Per Month
4"	\$610.26	Per Month
6"	\$1,372.22	Per Month
8"	\$2,438.06	Per Month
10"	\$3,810.41	Per Month
<b>Commodity Charge</b>	\$6.00	Per CCF of water

\*The BWL standard installation is a 1" service line with a 3/4" meter. The BWL reserves the right, in its sole judgment, to install 5/8" meters on any new service installation when circumstances warrant.

### Billing

1. **Minimum Bill** - The Minimum Bill shall be the above Basic Service Charge.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 water, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



## FIRE PROTECTION SERVICE

RATE CODE: W04

### Service

**Fire Service** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring water service for fire protection purposes. A fire service line will be installed to a fire protection device or a customer's detector check valve in accordance with the schedule of charges for Water System Connection Fees and the current Water Service Installation Charges set forth in the BWL Rules and Regulations. The location of the detector check valve shall be determined by the BWL.

Fire service lines shall be used for fire protection purposes only. No additional charges will be made for water used for routine testing and for fire response purposes. The customer shall maintain the detector check valve and fire protection system connected thereto in good condition in compliance with the BWL Cross Connection Control Program and local jurisdiction fire code.

### Rates

**Monthly Fire Service Charge** - Water supply and maintenance of a fire service line to a fire protection device or a detector check valve shall be provided in accordance with the following schedule of charges:

Service Size	
4" or smaller	\$112.00
6"	\$252.70
8"	\$460.00
10" or longer	\$780.00

### Billing

1. **Minimum Bill** - The Minimum Bill shall be the above Service Size Charge.
2. **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 production, distribution, or sale of water, will be in addition to the rates set forth herein.
3. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



# GENERAL LAWN SPRINKLING WATER SERVICE

RATE CODE: W05G

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer served on the BWL's water system where the water service is installed and utilized solely for lawn and landscape sprinkling at the Premises. Municipalities having jurisdiction over sewer system rates may designate other uses of water which are subject to this rate.

## Rates

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

Basic Service Charge by Meter Size		
5/8" or 3/4"	\$2.50	Per Month
1"	\$3.75	Per Month
1 ¼ or 1 1/2"	\$6.34	Per Month
2"	\$7.68	Per Month
3"	\$33.05	Per Month
4"	\$39.92	Per Month
6"	\$54.06	Per Month
8"	\$80.59	Per Month
10"	\$108.75	Per Month
<b>Commodity Charge</b>	\$7.34	Per CCF for all CCF of water

## Billing

1. **Minimum Bill** - The Minimum Bill shall be the above Basic Service Charge.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 production, distribution, or sale of water, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



# RESIDENTIAL LAWN SPRINKLING WATER SERVICE

RATE CODE: W05R

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer served on the BWL's water system where the water service is installed and utilized solely for lawn and landscape sprinkling at the Premises. Municipalities having jurisdiction over sewer system rates may designate other uses of water which are subject to this rate.

## Rates

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

Basic Service Charge by Meter Size		
5/8" or 3/4"	\$2.50	Per Month
1"	\$3.75	Per Month
1 ¼ or 1 ½"	\$6.34	Per Month
2"	\$7.68	Per Month
3"	\$33.05	Per Month
4"	\$39.92	Per Month
6"	\$54.06	Per Month
8"	\$80.59	Per Month
10"	\$108.75	Per Month
<b>Commodity Charge</b>	\$7.34	Per CCF for all CCF of water

## Billing

1. **Minimum Bill** - The Minimum Bill shall be the above Basic Service Charge.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **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 water, will be in addition to the rates set forth herein.
4. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



**RESIDENTIAL LAWN SPRINKLING OPT- OUT  
WATER SERVICE  
RATE CODE: W05ROPTO**

**Service**

**Availability** - This rate is closed to new Lansing Board of Water & Light (BWL) customers and is only available to any BWL customer served on the BWL's water system where the water service is installed and utilized solely for lawn and landscape sprinkling at the Premises through one non-transmitting meter who elected to opt-out of advanced meters prior to July 1, 2022. Municipalities having jurisdiction over sewer system rates may designate other uses of water which are subject to this rate.

**Rates**

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

<b>Basic Service Charge by Meter Size</b>		
5/8" or 3/4"	\$2.50	Per Month
1"	\$3.75	Per Month
1 ¼ or 1 1/2"	\$6.34	Per Month
2"	\$7.68	Per Month
3"	\$33.05	Per Month
4"	\$39.92	Per Month
6"	\$54.06	Per Month
8"	\$80.59	Per Month
10"	\$108.75	Per Month
<b>Commodity Charge</b>	\$7.34	Per CCF for all CCF of water

**Billing**

1. **Opt-Out Fees** - The Advance Meter Opt-Out Fee is \$0 per month for water service.
2. **Minimum Bill** - The Minimum Bill shall be the above Basic Service Charge.
3. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
4. **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 production, distribution, or sale of water, will be in addition to the rates set forth herein.
5. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



## FIRE HYDRANT SERVICE

RATE CODE: W06

### Service

**Annual Fire Hydrant Charge** - Water supply and maintenance by the Lansing Board of Water & Light (BWL) of a fire service line to a public or private fire hydrant shall be provided in accordance with the following annual schedule of charges:

Per Hydrant	\$766.50
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### Billing

1. **Minimum Bill** – The Minimum Bill shall be the Per Hydrant per month charge.
2. **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 water, will be in addition to the rates set forth herein.
3. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



## BULK WATER SERVICE

RATE CODE: W07

### Service

**Availability** - This rate is available by special permit only and is intended for construction, pool filling, festivals, and government special-use purposes, and is to be received through an approved backflow device at a hydrant or BWL filling station.

### Rates

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

Service Charge		
Annual Service Charge	\$150.00	Per Customer
Commodity Charge	\$6.52	Per CCF of Water

### Billing

- 1. Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
- 2. Fee and Tax Adjustment** - Any taxes, assessments, franchise fees, or any other charges or fees levied by governmental entity or political subdivision upon BWL property, operations, or the production, distribution or sale of water, will be in addition to the rates set forth herein.
- 3. Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Water Service and hereby incorporated by reference.



# WATER POWER AND CHEMICAL COST ADJUSTMENT

RATE CODE: PCA

## Service

**Purpose** - The Power and Chemical Cost Adjustment permits the monthly adjustment of rates for the costs of power and chemicals incurred in treating and supplying water. All water rates with a CCF billing determinant are subject to the Power and Chemical Cost Adjustment. In applying the Power and Chemical Cost Adjustment, the applicable rate per CCF shall be increased or decreased by the amount of the current Power and Chemical Cost Adjustment.

The Power and Chemical - 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 months.

**Power and Chemical Cost Adjustment** - The amount per CCF by which the applicable rates shall be adjusted for billing in each month.

**Power and Chemical Costs** - Those costs incurred in treating and supplying water. Costs include, but are not limited to, chemicals, electricity, steam, and oil used in pumping and treatment facilities.

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

**Base Cost of Power and Chemicals** - The average Power and Chemical Cost included in the water rates of the various rate schedules. Such amount shall not be recovered by means of the Power and Chemical Cost Adjustment. The current Base Cost of Power and Chemicals is \$0.4470 per cubic foot of water (CCF) sold.

## Rates

**Eligible Rates** - The following rates will be subject to the Water Power and Chemical Cost Adjustment:

W01	W02	W05R
W05G	WOTPO	W05ROTO
Other Per Contract Terms		



## WATER ENVIRONMENTAL CHARGE

RATE CODE: ENVW

### Service

**Purpose** - The Water 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 water rates with a CCF billing determinant are subject to the Water Environmental Charge. All revenues collected from the Water Environmental Charge will be directly applied to offset these environmental expenses and other associated expenses. The Water Environmental Charge shall be reviewed and revised periodically in accordance with the provisions of this schedule and until the balance is zero. Should the Water Environmental Charge collect revenues in excess of environmental expenses, the difference shall be refunded to customers on the applicable rates.

**Water Environmental Charge** - The current charge is **\$0.0000 /CCF**.

### Rates

**Eligible Rates** - The following rates will be subject to the Water Environmental Charge:

W01	W02	W05R
W05G	WOTPO	W05RPTO
Other Per Contract Terms		



## GENERAL STEAM SERVICE

RATE CODE: S01

### Service

**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.

### Rates

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

<b>Basic Service Charge</b>	\$24.54	Per month
<b>Commodity Charge</b>		
Months of June through November	\$29.89	Per 1,000 lbs. for the first 200,000 lbs.
	\$31.37	Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.
Months of December through May	\$30.17	Per 1,000 lbs. for the first 200,000 lbs.
	\$31.69	Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.

### Billing

- Minimum Bill** - 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 10% shall be added to the above rates for steam service supplied upon customer's request for service at gauge 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 electric power, 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.



## INDUSTRIAL STEAM SERVICE

RATE CODE: S02

### Service

**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.

### Rates

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

Demand Charge		
Contract Demand	\$2.93	Per pound per hour (lb./hr.) for all lb./hrs. of contract demand
Excess Demand	\$2.51	Per pound per hour (lb./hr.) for all lb./hrs. exceeding contract demand
Commodity Charge		
	\$17.86	Per 1,000 lbs. (Mlbs.)

### Billing

1. **Minimum Bill** -The Minimum Bill shall be the Monthly Contract Demand Charge above.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on separate surcharge or rider schedule.
3. **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.
4. **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.
5. **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

### Service

**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 Bill** - 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.



## RESIDENTIAL STEAM SERVICE

**RATE CODE: S05**

### Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer of a single-family dwelling or multifamily dwelling of four units or less when the entire service requirements are supplied at one Premises through one meter.

Service under this rate is not available when a portion of the dwelling unit is used for commercial, industrial, or resale purposes unless the service is so arranged that residential and non-residential purposes are metered separately on separate accounts.

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

### Rates

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

<b>Basic Service Charge</b>	\$22.25	Per Month
Months of June through November	\$23.05	Per 1,000 lbs. for the first 200,000 lbs.
	\$24.13	Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.
Months of December through May	\$23.27	Per 1,000 lbs. for the first 200,000 lbs.
	\$24.35	Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.

### Billing

1. **Minimum Bill** - The Basic Service Charge is 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.
2. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
3. **Surcharge** - A surcharge of 10% 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.
4. **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.
5. **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

RATE CODE: FCA

### Service

**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 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

RATE CODE: ENVS

### Service

**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.**



# STANDARD COMMERCIAL CHILLED WATER SERVICE

RATE CODE: CW1

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring service from the BWL district cooling system. Service will be provided upon the customer entering into a contract with the BWL. The contract will govern the customer's contract demand and terms and conditions of service, which may vary due to customer requirements and the impact on BWL facilities. This rate is not available for standby or emergency service.

## Rates

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

Capacity Charge		
Contract Demand	\$50.00	Per ton for all tons of Billing Demand less than or equal to 105% of the contract demand
Excess Demand	\$70.00	Per ton for all tons of Billing Demand exceeding 105% of the contract demand
Commodity Charge	\$0.15469	Per ton-hour

## Billing

- Minimum Bill** - The minimum bill shall be the capacity charge referenced above.
- Billing Demand** - The Billing Demand shall be the maximum instantaneous demand (tons) supplied during the billing period, but not less than 85% of the Contract Demand.
- 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 electric power, will be in addition to the rates set forth herein.
- Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider Schedule.
- Temperature Factor Adjustment** - During the months of May through October, if the Service Location's return water temperature is below 52 degrees Fahrenheit (F), the Service Location's commodity charge will be increased by 2.0% for either:
  - For each degree Fahrenheit, the Service Locations' supply and return of water temperature differential is less than 10 degrees F or
  - For each degree Fahrenheit, the Service Locations return water temperature is below 52 degrees F, whichever is less. The General Manager is authorized to waive the application of the Temperature Factor Adjustment where warranted.
- Metering** - All Service Locations using chilled water from the BWL chilled water system shall be metered. All metering shall be installed in accordance with BWL Standards.
- Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.



## CHILLED WATER FUEL COST ADJUSTMENT

RATE CODE: CWFCA

### Service

**Purpose** - The Fuel Cost Adjustment permits the monthly adjustment of rates for the costs of fuel incurred in supplying chilled water. All rates are subject to the Fuel Cost Adjustment. In applying the Fuel Cost Adjustment, the applicable rate per ton-hour 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 ton-hour by which the applicable rates shall be adjusted for billing in each month.

**Fuel Costs** - Those costs incurred in supplying chilled water. Costs include, but are not limited to, electricity and water used in the production and delivery of chilled water.

**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 \$0.216 per ton-hour of chilled water (ton-hr) sold.



# CHILLED WATER ECONOMIC DEVELOPMENT RIDER

RATE CODE: EDRC

## Service

**Purpose** - The Lansing Board of Water & Light (BWL) provides economic incentives to its utility service customers with a goal of attracting new customers or growing the business of existing customers. The incentives are employed where, in the BWL's judgment: a) the incentive is a major determining factor for the customer to take or add BWL service(s), and b) use of the incentive will result in economic and other benefits to the BWL and its customers.

**Availability** - This rider is available to new or existing customers through Standard Chilled Water Service Rate CW1. The customer must commit to creating new load or significantly increasing existing load. The BWL will, in its sole discretion, determine the percentage and duration of the incentive offered to the customer. The customer may be required to enter into a written agreement that specifies its commitment to economic development and the BWL's incentives.

## Rates

**Monthly Rate** - This rider provides for a discount on the Capacity Charge portion of the customer's monthly billing for the applicable Service Location. The BWL will determine the appropriate Capacity Charge, which will not be less than the following schedule:

Discounted Capacity Charge (per ton)	
Years 1-2	Not less than \$10.00
Years 3-4	Not less than \$20.00
Years 5-6	Not less than \$30.00

At the end of the incentive period and all years thereafter, the customer will be billed the standard Capacity Charge as listed in the Standard Chilled Water Service Rate 1.

**Capacity Eligible for Discount** - For a new Service Location, the total Billing Demand shall be eligible for the discounted rate of this rider. For an existing Service Location, the BWL shall determine the contracted demand eligible for this rider, which may be based on the increase beyond the average of the three highest registered demands of historical load billed during the twelve month period prior to the implementation of the incentive.



# COMMERCIAL HOT WATER SERVICE

RATE CODE: HW1

## Service

**Availability** - This rate is available to any Lansing Board of Water & Light (BWL) customer desiring service from the BWL district heating system. Service will be provided upon the customer entering into a contract with the BWL. The contract will govern the customer’s contract demand and terms and conditions of service, which may vary due to customer requirements and the impact on BWL facilities. This rate is not available for standby or emergency service.

## Rates

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

Capacity Charge		
Contract Demand	\$14.40	Per MMBtu for all MMBtu of Billing Demand equal to the Contract Demand
Excess Demand	14.40	Per MMBtu of all Billing Demand exceeding 100% of Contract Demand
Commodity Charge	\$7.35	Per MMBtu

## Billing

1. **Minimum Bill** - The minimum bill shall be the capacity charge referenced above.
2. **Contract Demand** - The Contract Demand shall be the monthly demand (MMBtu) as defined in the contract. The contracted demand shall be reviewed at least annually and adjusted based on a rolling 36-month weather-normalized customer average of thermal energy usage.
3. **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 hot water will be in addition to the rates set forth herein.
4. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule.
5. **Temperature Factor Adjustment** - During the months of November through March, customers who return water to the point of delivery above 155 degrees F will see their commodity charge increased by 2% for each degree above 155 degrees F for the month.
6. **Metering** - All Service Locations using hot water from the BWL hot water system shall be metered. All metering shall be installed in accordance with BWL Standards.
7. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Hot Water Service hereby incorporated by reference.



## HOT WATER FUEL COST ADJUSTMENT

RATE CODE: HWFCA

### Service

**Purpose** - The Fuel Cost Adjustment permits the monthly adjustment of rates for the costs of fuel incurred in supplying hot water. All rates are subject to the Fuel Cost Adjustment. In applying the Fuel Cost Adjustment, the applicable rate per MMBtu 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 months.

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

**Fuel Costs** - Those costs incurred in supplying hot water. Costs include, but are not limited to gas, electricity, and water used in the production and delivery of hot water.

**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 \$5.60 per MMBtu of hot water sold.

**CUSTOMER IMPACT**

MONTHLY ELECTRIC BILLS						
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase \$	Monthly Increase %
<b>Residential (RES1)</b>						
	500 kWh		\$ 102.90	\$ 105.06	\$ 2.16	2.10%
	750 kWh		\$ 143.10	\$ 146.09	\$ 2.99	2.09%
	1,000 kWh		\$ 183.29	\$ 187.11	\$ 3.82	2.08%
<b>Commercial and Industrial</b>						
<b>Small Commercial</b>						
	Standard (SC1)	750 kWh	\$ 160.83	\$ 162.55	\$ 1.72	1.07%
	Standard (SC1)	1,500 kWh	\$ 283.66	\$ 286.59	\$ 2.93	1.03%
<b>Midsized Commercial</b>						
	Standard (MC1)	2,500 kWh / 20 kW	\$ 516.38	\$ 521.60	\$ 5.22	1.01%
	Standard (MC1)	15,000 kWh / 500 kW	\$ 9,489.89	\$ 9,521.18	\$ 31.29	0.33%
<b>Large Commercial</b>						
	Standard (LC1)	400,000 kWh / 1,000 kW	\$ 54,941.43	\$ 56,002.47	\$ 1,061.04	1.93%
	Standard (LC1)	650,000 kWh / 1,000 kW	\$ 74,067.32	\$ 75,791.51	\$ 1,724.19	2.33%

MONTHLY WATER BILLS						
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase \$	Monthly Increase %
<b>Residential (W01)</b>						
	Meter Size 5/8"					
		2 CCF	\$ 26.32	\$ 27.20	\$ 0.88	3.34%
		5 CCF	\$ 48.07	\$ 49.22	\$ 1.15	2.39%
<b>General Water Service (W02)</b>						
	Meter Size 4"					
		365 CCF	\$ 2,774.71	\$ 2,800.26	\$ 25.55	0.92%
<b>Lawn Sprinkling Water Service (W05G)</b>						
	Meter Size 2"					
		15 CCF	\$ 115.18	\$ 117.78	\$ 2.60	2.26%

MONTHLY STEAM BILLS						
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase \$	Monthly Increase %
<b>General Steam Service (S01)</b>						
		20,000 lbs	\$ 599.62	\$ 633.19	\$ 33.57	5.60%
		50,000 lbs	\$ 1,465.23	\$ 1,546.16	\$ 80.93	5.52%
		200,000 lbs	\$ 5,793.29	\$ 6,111.02	\$ 317.73	5.48%
		800,000 lbs	\$ 23,961.12	\$ 25,279.24	\$ 1,318.12	5.50%
		1,000,000 lbs	\$ 30,017.07	\$ 31,668.65	\$ 1,651.58	5.50%
<b>Industrial Steam Service (S02)</b>						
		28,000,000 lbs	\$ 774,474.22	\$ 816,566.57	\$ 42,092.35	5.48%

MONTHLY HOT WATER BILLS						
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase \$	Monthly Increase %
<b>Commercial Hot Water Service (HW1)</b>						
	Contract Demand					
		167				
		320 MMBtu	N/A	\$ 4,756.80	\$ 4,756.80	N/A

MONTHLY CHILLED WATER BILLS						
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase \$	Monthly Increase %
<b>General Chilled Water Service (CW1)</b>						
	Billing Demand					
		165				
		27500 Ton -hr	\$ 12,503.98	\$ 12,503.98	\$ -	0.00%