



PUBLIC HEARING

PROPOSED ELECTRIC, WATER, STEAM, HOT WATER AND CHILLED WATER RATE CHANGES BOARD OF WATER & LIGHT OF THE CITY OF LANSING, MICHIGAN

**August 4, 2026
5:30 P.M.**

**1203 S. Washington Ave., Lansing, MI 48910
REO Town Depot - Board of Water & Light Headquarters**

BWL full meeting packets and public notices/agendas are located on the official website at
<https://www.lbwl.com/about-bwl/governance>.

AGENDA

Call to Order

Roll Call

1. Proposed Electric, Water, Steam, Hot Water and Chilled Water Rate Changes Presentation.....**TAB 1**
2. Proposed Electric, Water, Steam, Hot Water and Chilled Water Rate Changes City Clerk Filing...**TAB 2**

Public Comments on Agenda Items

Adjourn



2026 Public Hearing

August 4, 2026



OPENING REMARKS

General Manager
Dick Peffley

AGENDA

Industry Trends – Utility Financial Solutions (UFS)

Background & Overview

Rate Proposals

Closing



RATE DESIGN REFINEMENT & INDUSTRY TRENDS



UTILITY FINANCIAL SOLUTIONS, LLC

- International consulting firm providing cost-of-service and financial planning services to utilities across the United States, Canada, Guam, and the Caribbean
- Instructors for cost-of-service and financial planning for APPA, and speakers for organizations across the country, including AWWA
- *Hometown Connections* preferred vendor

Rate Study Process

Financial Planning

Cash Reserves

Debt/Fixed Cost Coverage

Upper Boundary Target

Cost of Service

Load Research

Allocation Process

Cost to service each class

External Considerations

Social

Environmental

Political

Rate Design

Implementation process

Customer Impacts

Achieve Revenue Requirements

INDUSTRY TREND IN RATE DESIGNS

Standby Service

**Time of Use
(Dynamic Pricing)
AMI required**

**Moving toward cost
based customer
charges**

**Commercial EV
Rates**

**Revisions to
traditional net
metering programs**

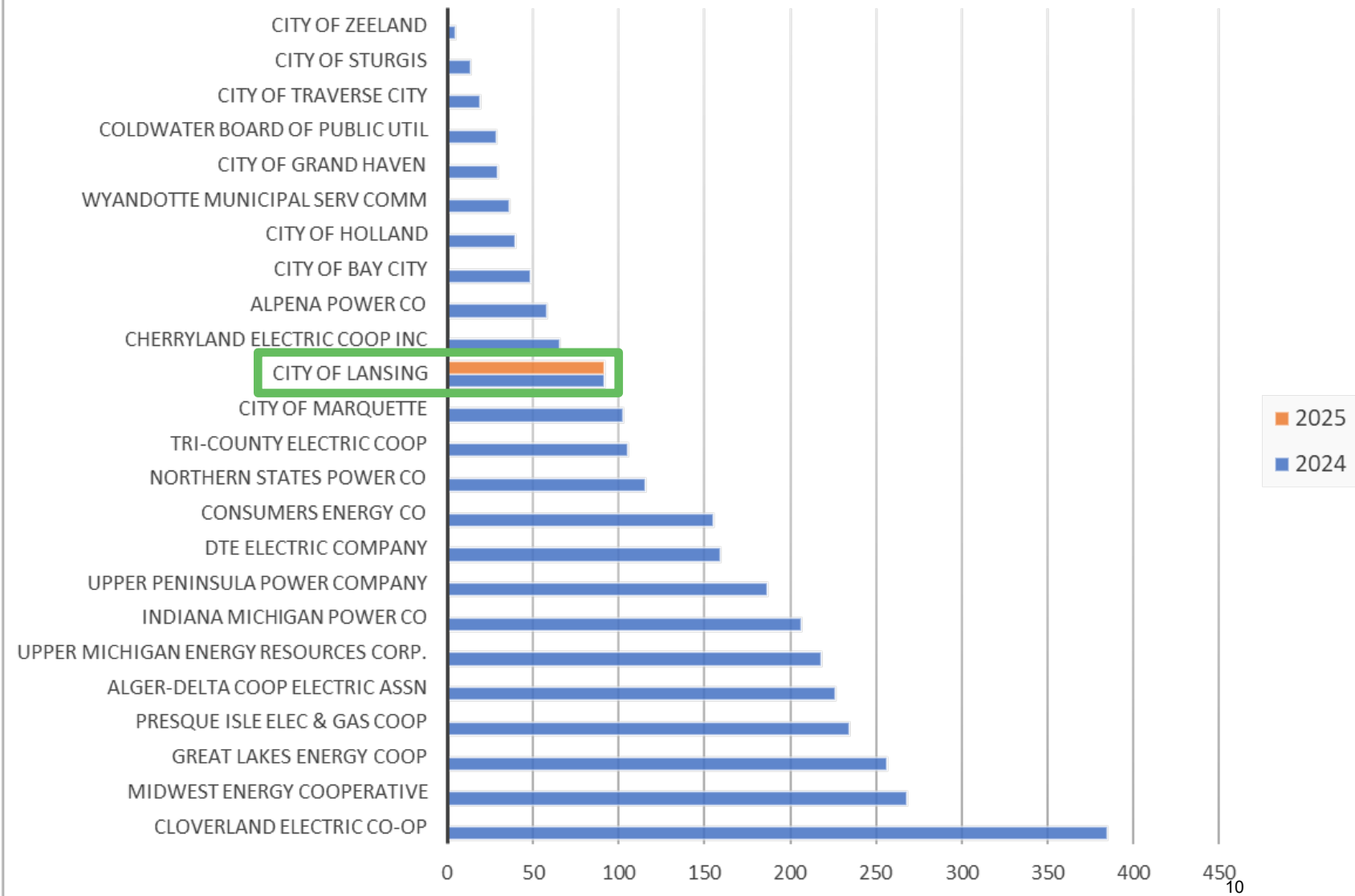
BWL is keeping up with the electric industry rate trends and has implemented or offered each of these rates to customers

BACKGROUND & OVERVIEW



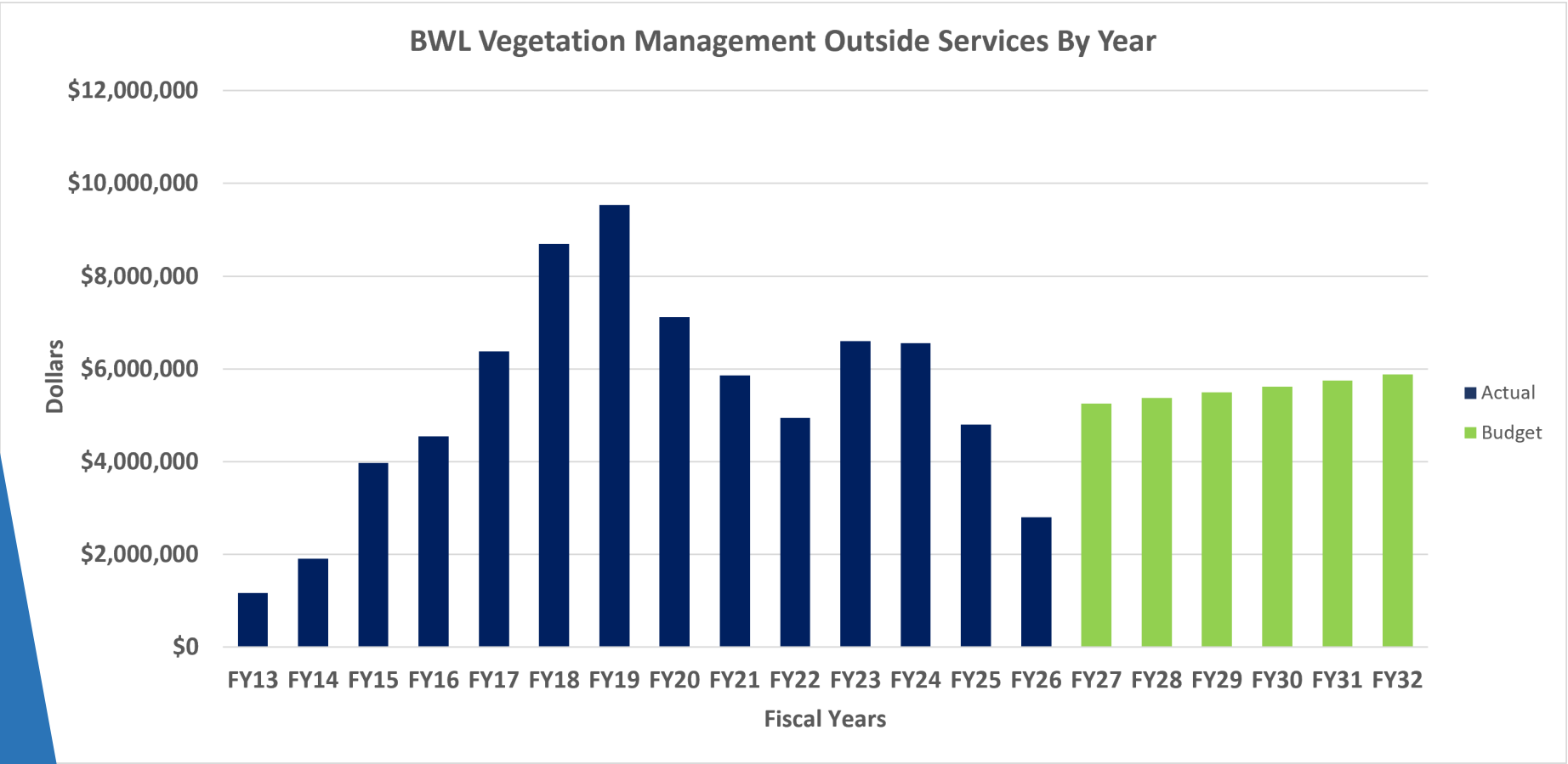
BWL SYSTEM RELIABILITY

System Average Interruption Index without Major Event Days



BWL continues to diligently monitor and preemptively manage vegetation in the service territory to maintain infrastructure and reliability

VEGETATION MANAGEMENT



FY: Fiscal Year



These projects will increase reliability for over 25,000 customers primarily served by our aging Eckert substation

Improvements on these systems will inherently benefit disadvantaged customers less able to absorb costs related to electric service interruptions

Lansing Energy Tomorrow Projects	Total Cost	Remaining Cost
South Reinforcement 138 kV Transmission Line	\$ 41,369,329	\$ 216,431
Wise Substation	\$ 32,192,557	\$ -
Wise Rd. Distribution	\$ 2,317,311	\$ -
Stanley Substation	\$ 36,907,091	\$ 36,548,200
Rundle Substation	\$ 35,242,410	\$ 23,824,665
LGR Substation	\$ 27,971,975	\$ 19,958,338
Total	\$ 176,000,673	\$ 80,547,634

CYBER THREATS

Top Utilities Cyberattacks of 2025 and Their Devastating Impact on Critical Infrastructure

Iran-Linked Hackers Disrupt US Critical Infrastructure via PLC Attacks

Federal agencies warn attackers are manipulating PLC and SCADA systems across multiple sectors, triggering operational disruptions and raising concerns over broader OT targeting.

Cybersecurity for the water sector



Michigan State Police investigating potential cyber breach at Detroit water plant

Michigan State Police and the Great Lakes Water Authority are investigating a potential breach of a monitoring and reporting system at one of the agency's water treatment facilities in Detroit.

"At no time was water quality at the plant compromised," said GLWA in a statement issued Wednesday about the incident.

The affected equipment is at the Northeast Water Treatment Plant on Eight Mile Road, which was previously part of the Detroit water system. The facility can handle about 300 million gallons a day, the GWLA website says.

ESET attributes DynoWiper-powered attack on Poland's power grid to Russia-aligned Sandworm group



Researchers at ESET identified that the Sandworm hacking group was behind the cyberattack that disrupted parts of Poland's power grid in late December 2025. The attack involved data-wiping malware that the company has now analyzed and named DynoWiper. According to ESET, the Russia-aligned APT group operation bears the hallmarks of a notorious Russian military intelligence unit with a long track record of destructive cyber campaigns, making Sandworm the likely culprit behind the strikes on Polish energy targets.

Cyberattack on Water Infrastructure | A Wake-Up Call for Critical Sectors

Volt Typhoon Energy Grid Cyberattack Exposes US Infrastructure Vulnerabilities

The Volt Typhoon advanced persistent threat (APT) group maintained access to a Massachusetts power utility's OT network for almost a year, highlighting critical infrastructure vulnerabilities.

Energy and utilities cyber threats escalate as ransomware and APT activity rise, Cyfirma reports

CYBER RESILIENCY AND TECHNOLOGY INVESTMENTS

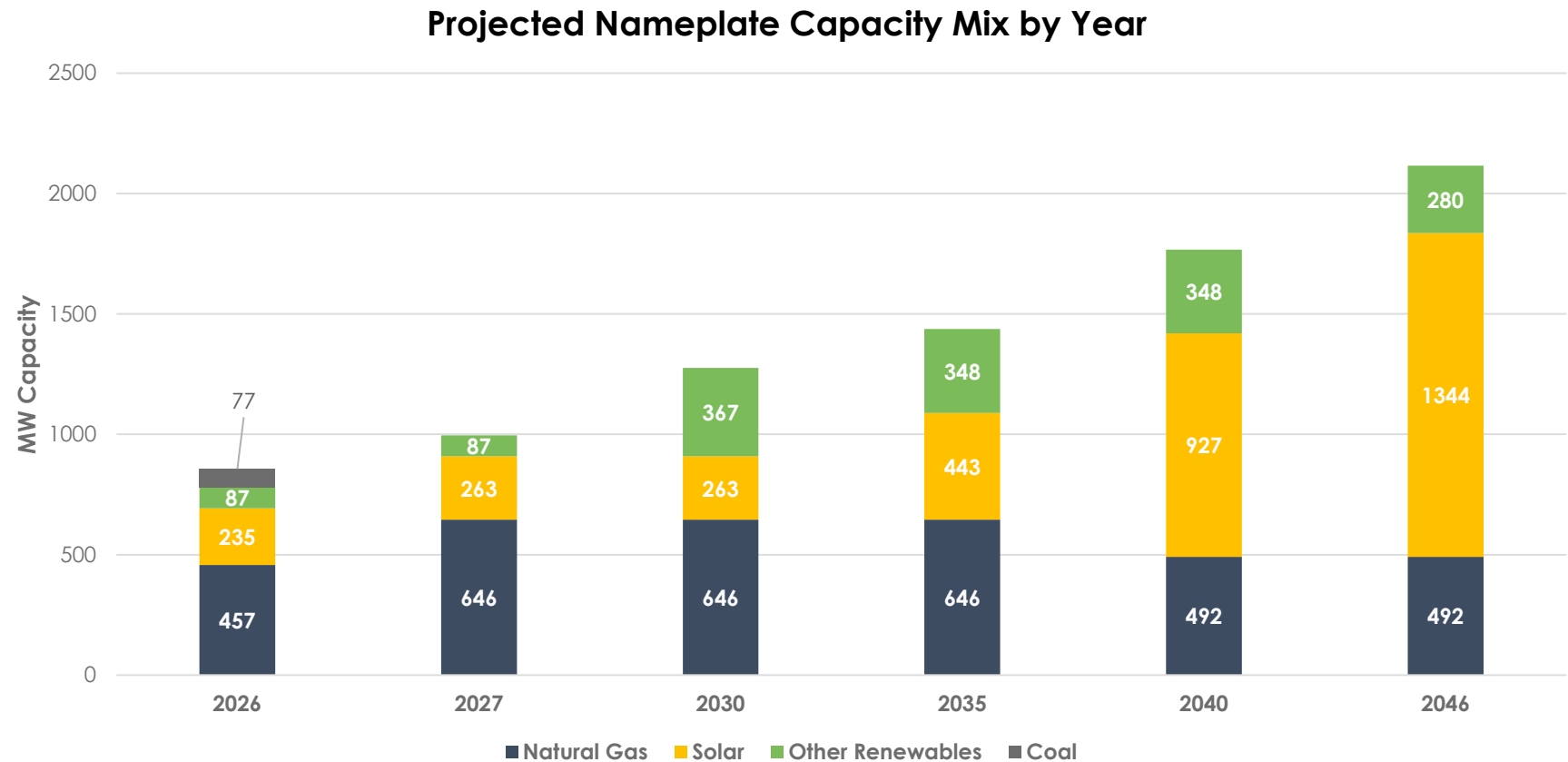
- \$3,000,000 deployed towards operational cyber security and network hardening, compliance and outside service support
- \$360,000 of additional hardening to comply with NERC-CIP regulatory requirements
- \$2,000,000 deployed towards corporate cyber security, hardening, compliance and system modernization
- Human Resource Information System implementation deployed with improved integration with partners for efficiency



NERC-CIP: North American Electric Reliability,
Critical Infrastructure Protection

RESOURCE PORTFOLIO – MOVING AWAY FROM COAL

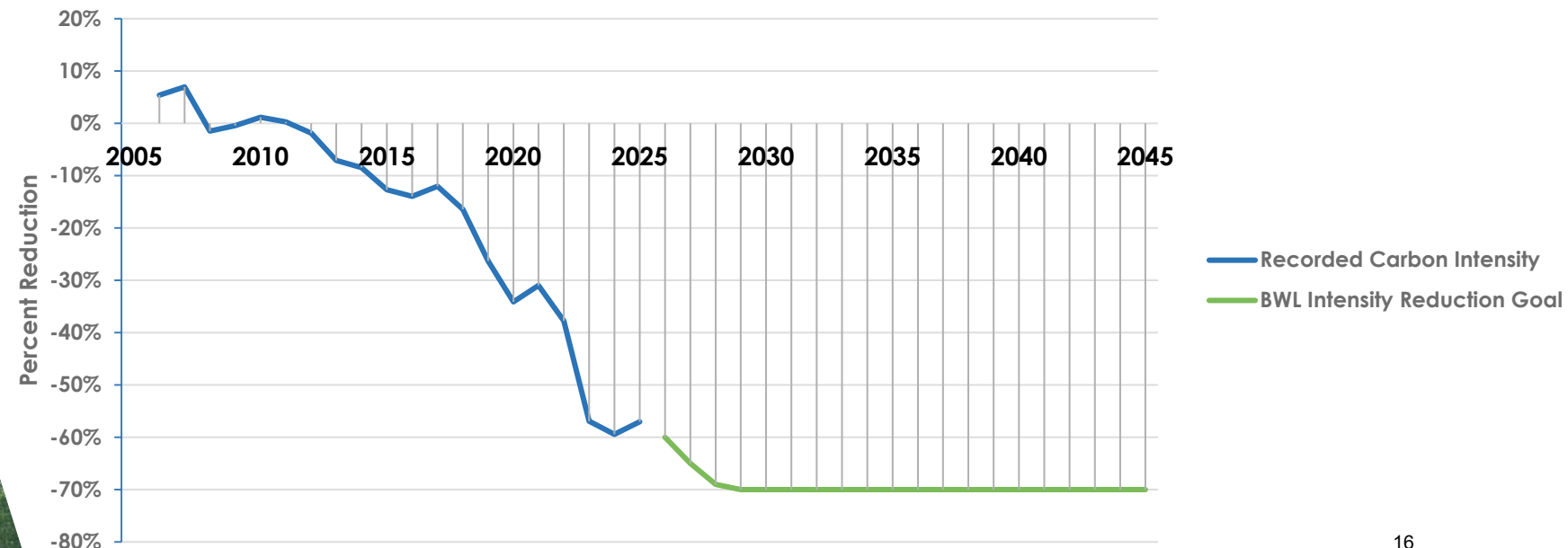
- The BWL no longer burns coal to produce electricity at its owned generation facilities
- Belle River has transitioned unit 1 to natural gas and will transition unit 2 by December 2026, eliminating coal from the BWL's portfolio entirely



CARBON REDUCTION IN-LINE WITH STATE LAW

- As of June 2025, BWL has reduced its carbon emissions by 57%* from 2005 levels
- BWL's success in reducing its carbon footprint is expected to exceed targets established by the MI Healthy Climate Plan, as well as additional targets announced by the federal government

**BWL Carbon Emissions Reduction
(Historical and Projected)**



* 57% reduction in carbon intensity, measured as emissions divided by total MWh

NATIONALLY RECOGNIZED WATER

Lead Free Since 2016

- BWL removed its last known active lead service line and became the second utility in the nation to remove all known lead service lines

Water Main Replacement

- BWL continues to ramp up water main replacement efforts, currently averaging 5-6 miles of main replacement annually

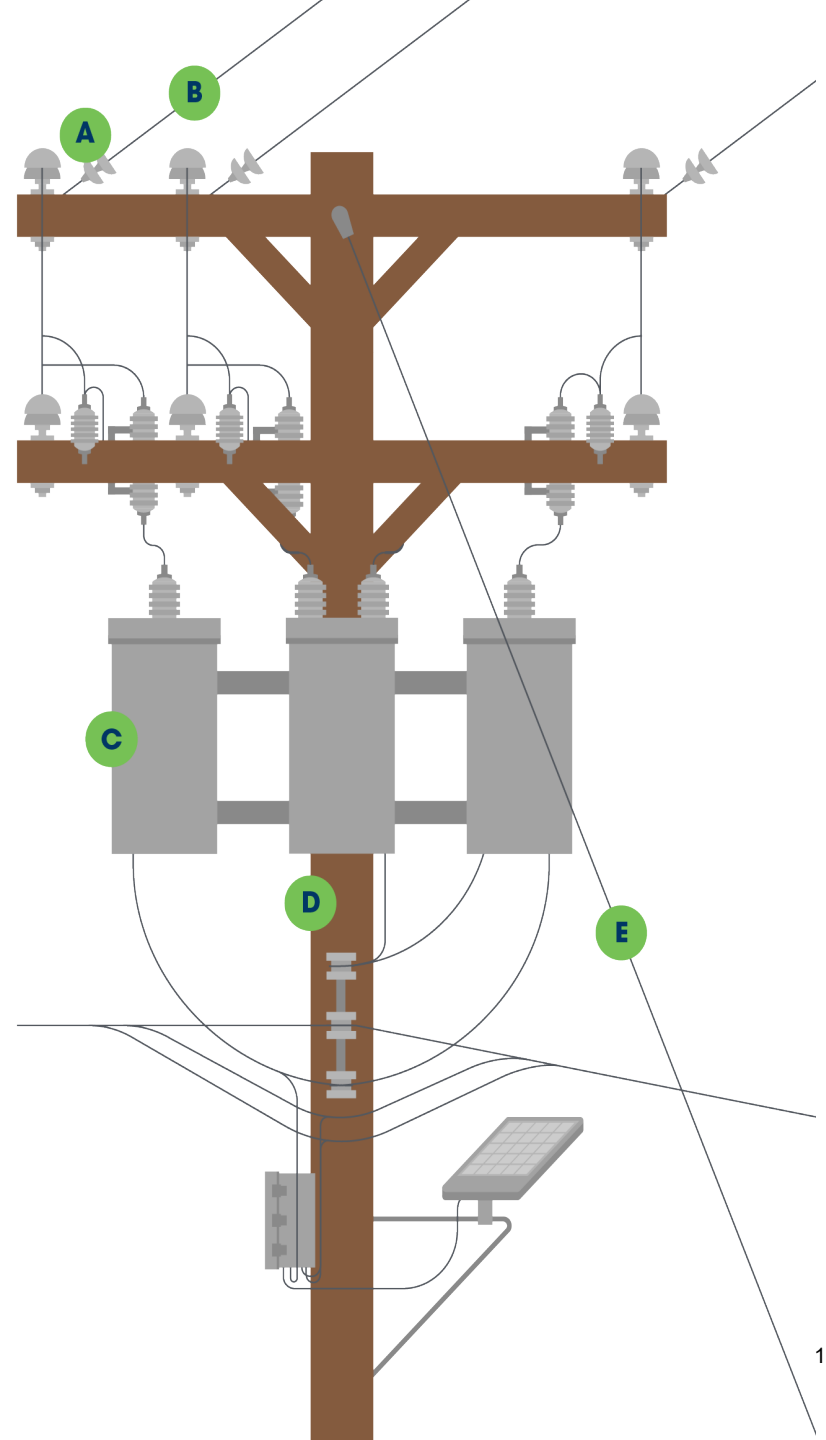
Elevated Water Storage

- Increased operational efficiency and reliability



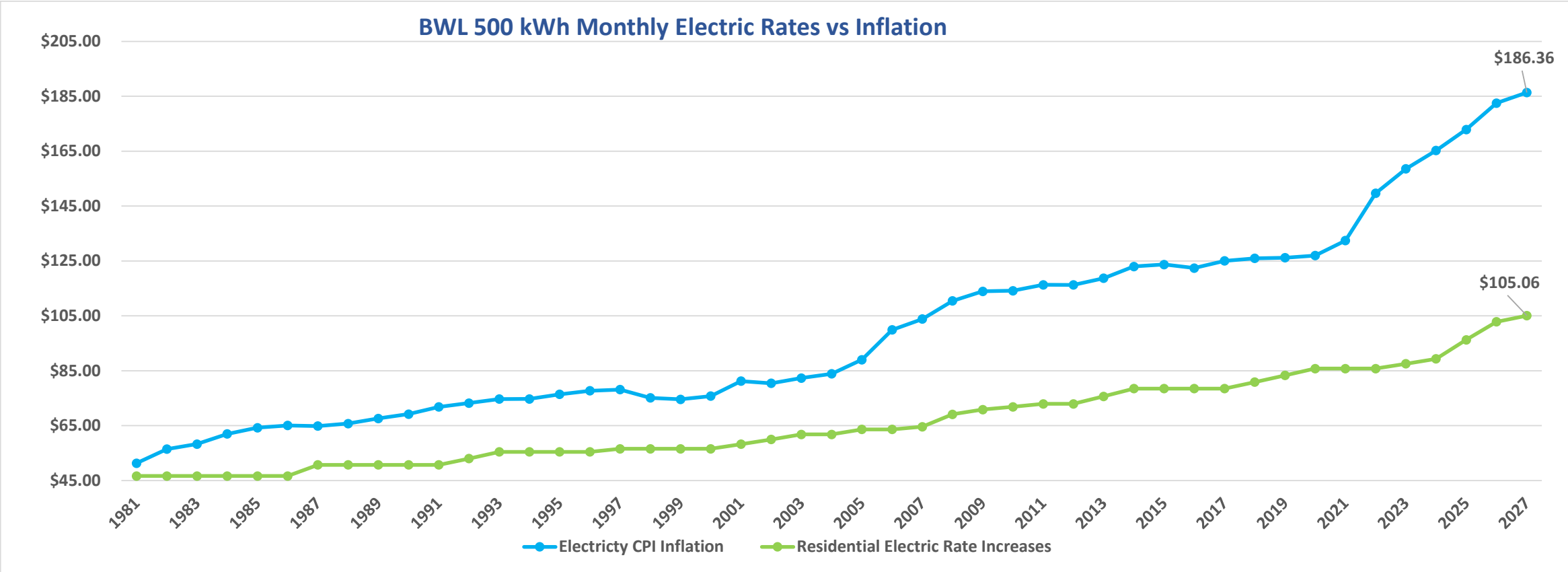
RISING INFLATION'S IMPACT ON UTILITY SYSTEM INFRASTRUCTURE SINCE 2019

- A INSULATOR - 175%**
- B WIRE CABLE - 550%**
- C TRANSFORMER - 252%**
- D WOOD POLE - 175%**
- E GUY WIRE - 77%**

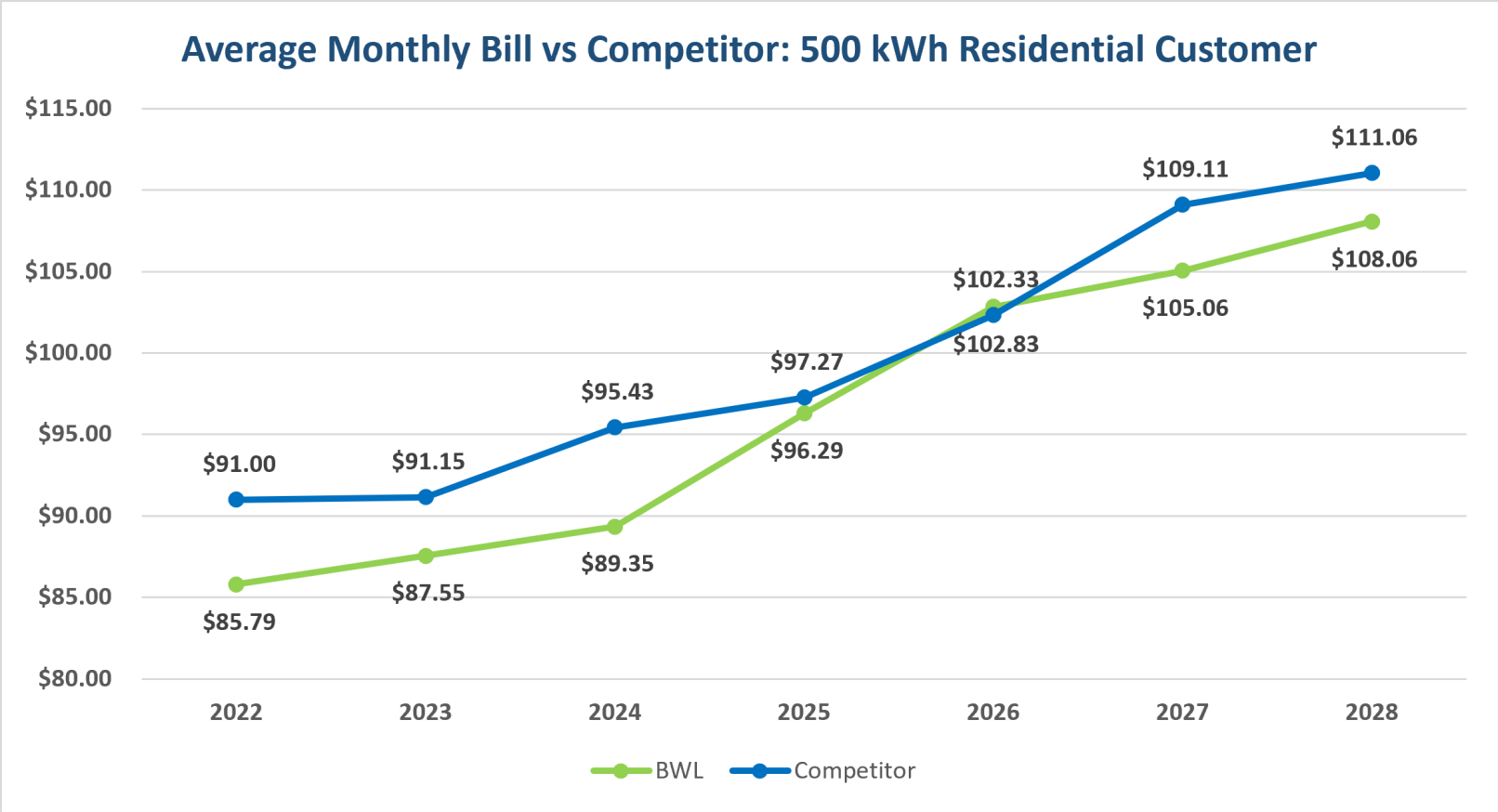


ELECTRIC AFFORDABILITY

Monthly BWL electric rates are 44%, or \$81, below inflation



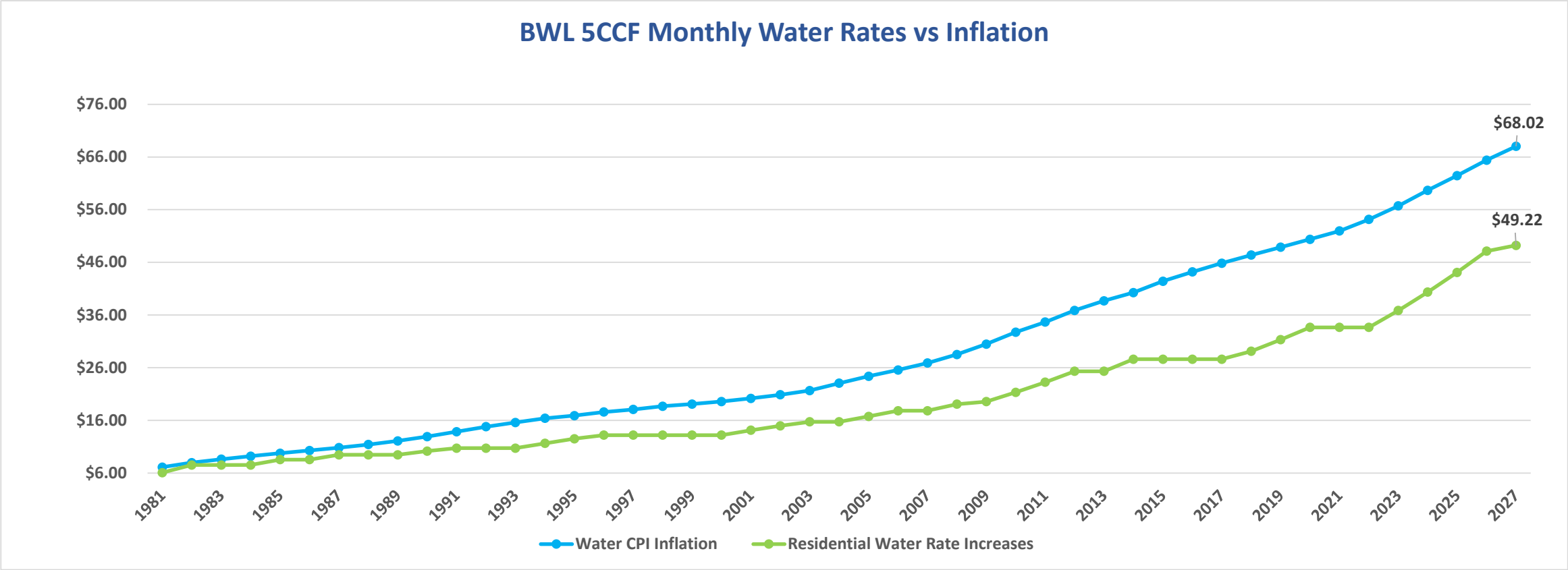
ELECTRIC RATE SAVINGS VS NEAREST COMPETITOR



Source: Based on actual tariffs through 2026 and projected rates for 2027 and 2028

WATER AFFORDABILITY

Monthly BWL water rates are 28%, or \$19, below inflation



CPI: Consumer Price Index



RATE PROPOSALS

AVERAGE RATE INCREASE PERCENTAGE BY UTILITY

	Feb 2020	Mar 20'- Oct 22'	Nov 2022	Nov 2023	Oct 2024	Oct 2025	Oct 2026
Electric	3.00%	0.00%	2.05%	2.05%	6.95%	6.00%	2.04%
Water	7.50%	0.00%	9.50%	9.50%	9.23%	9.16%	2.30%
Steam	7.50%	0.00%	9.95%	9.95%	9.75%	9.75%	5.51%
Chilled Water	0.00%	0.00%	4.00%	4.00%	2.00%	1.50%	0.00%



**Deferred rate increases for 31 months (Feb 2020 To Nov 2022)
to help customers struggling financially due to COVID-19**

ELECTRIC: MONTHLY CUSTOMER IMPACT

Customer Class	Current Monthly Bill	Proposed Monthly Bill 10/01/26	FY 27 \$ Change	FY 27 % Change
Residential				
500 kWh	\$ 102.90	\$ 105.06	\$ 2.16	2.10%
Small Commercial				
750 kWh	\$ 160.83	\$ 162.55	\$ 1.72	1.07%
1,500 kWh	\$ 283.66	\$ 286.59	\$ 2.93	1.03%
Midsize Commercial				
2,500 kWh	\$ 516.38	\$ 521.60	\$ 5.22	1.01%
15,000 kWh	\$ 9,489.89	\$ 9,521.18	\$ 31.29	0.33%
Large Commercial				
400,000 kWh	\$ 54,941.43	\$ 56,002.47	\$ 1,061.04	1.93%
650,000 kWh	\$ 74,067.32	\$ 75,791.51	\$ 1,724.19	2.33%

kWh: Kilowatt Hours
FY: Fiscal Year

WATER: MONTHLY CUSTOMER IMPACT

Customer Class	Current Monthly Bill	Proposed Monthly Bill 10/01/26	FY 27 \$ Change	FY 27 % Change
Residential				
2 CCF (5/8" or 3/4" Meter)	\$ 26.32	\$ 27.20	\$ 0.88	3.34%
5 CCF (5/8" or 3/4" Meter)	\$ 48.07	\$ 49.22	\$ 1.15	2.39%
General Service				
365 CCF (4" Meter)	\$ 2,774.71	\$ 2,800.26	\$ 25.55	0.92%
Lawn Sprinkling Service				
15 CCF (5/8" or 3/4" Meter)	\$ 110.75	\$ 112.60	\$ 1.85	1.67%
15 CCF (2" Meter)	\$ 115.18	\$ 117.78	\$ 2.60	2.26%

CCF: 100 Cubic Feet
FY: Fiscal Year

RESIDENTIAL IMPACT: ELECTRIC & WATER

Customer Class	Current Monthly Bill	Proposed Monthly Bill 10/01/26	FY 27 \$ Change	FY 27 % Change
Residential Electric Service (500 kWh)	\$ 102.90	\$ 105.06	\$ 2.16	2.10%
Residential Water Service (5 CCF)	\$ 48.07	\$ 49.22	\$ 1.15	2.39%
Total Monthly Utility Bill	\$ 150.97	\$ 154.28	\$ 3.31	2.19%

kWh: Kilowatt Hours
CCF: 100 Cubic Feet
FY: Fiscal Year

STEAM: MONTHLY CUSTOMER IMPACT

Customer Class		Current Monthly Bill	Proposed Monthly Bill 10/01/26	FY 27 \$ Change	FY 27 % Change
General Steam Service					
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%

*lbs: Steam Commodity Pounds
FY: Fiscal Year*

CHILLED WATER: MONTHLY CUSTOMER IMPACT

Customer Class		Current Monthly Bill	Proposed Monthly Bill 10/01/26	FY 27 \$ Change	FY 27 % Change
General Service					
Billing Demand (165)					
Ton-hr (27,500)		\$ 12,503.98	\$ 12,503.98	\$ -	0%

Ton-hr: Chilled Water Commodity Tons per hour
FY: Fiscal Year

ELECTRIC RATE UPDATES & PROPOSALS



ELECTRIC RATE PROPOSALS

- Energy Optimization (EO) Surcharge
 - Initiated by Legislation PA 229 (2023)- Order No. U-17008 (I), Clean and Renewable Energy and Energy Waste Reduction Act
 - Provides customer awareness and separate tracking of collections against expenses
- Modernized Lighting Rate Structure
 - Transitioning from current rate structure of 165 streetlight and outdoor light rate wattage-based rate combinations to less than 20 LED lumen-based rates
 - Provides a modernized structure, easier interpretation, and improved alignment
- Electric Heat Transition Credit
 - Transitional rate credit for customers disconnected from steam if they take on electric heating
 - Based on customer building specifications, an appropriate credit will be calculated and implemented on a case-by-case basis

ELECTRIC RATE PROPOSALS - CONTINUED

- Market Based Pricing Economic Development Industrial Electric Service Rate (EDM) Tariff Update
 - More clearly defines rate components and customer cost responsibilities
 - Increases system contribution charge from 10% to 15%
 - Adds incremental and replacement generation charges to current language
- Renewable Energy Plan (REP): Updating tariff language to reflect legislative changes
- Rate Transition Credit: Extend tariff for an additional year and update language regarding applicability
- Low-Income Energy Assistance Fund (LIEAF) Surcharge: Update tariff to allow for changes to be implemented regarding timing and amount as directed by the state
- Electric and Water Opt-Out Meter Fee: Moving fee from rules & regulations to tariff sheets to provide better visibility

WATER RATE UPDATES & PROPOSALS



BULK WATER RATE PROPOSAL

- A new, separate bulk water tariff will be added to better align with cost-of-service and seasonal usage
 - Previously bulk water customers were charged the general service rate per rules & regulations
- Rate increase of 9.9% proposed for October 1, 2026
- Impacts approximately 150 hydrant permit and yard customers

STEAM AND HOT WATER RATE UPDATES & PROPOSALS



HOT WATER RATE & TEMPERATURE ADJUSTMENT PROPOSALS

- Rates effective October 1, 2026
- **All-In Rate**
 - \$21.75 per MMBTU
- **Contract Demand Charge**
 - \$14.40 per MMBTU
- **Commodity Charge**
 - \$7.35 per MMBTU
- **Hot Water Temperature Adjustment**
 - Temperature factor adjustment charges included to ensure system efficiency and lower costs
 - Enforcement months: November through March

CUSTOMER FOCUSED SUPPORT



Community Resource Fairs

- \$4,000,000 was brought in to pay down past due utility bills from coalition partners since August 2021 inception
- BWL hosting next fair October 21st at Gier Community

Public Act 95

- BWL low-income customers became eligible for funds starting 11/1/2023
- BWL customers received over \$4,330,000 via utility payment assistance from November 2023-June 2026

Rate Designs

- Time-of-Use rates put customers in control of their bill
- Reduced rate for first 2 CCF of water helps keep the cost down for low use water customers

Flexible Payment Plans

- Levelized Payment Plan
- No-Fee Payment options include Kiosks and Boxes, Auto Pay, Pay-by-Phone, Online Customer Self-Service Portal, By-Mail and Customer Service Center

Pennies for Power

- BWL sponsored programs, including Pennies for Power, have provided over \$3,000,000 in funding for utility bill assistance since 2014

A photograph of an outdoor electrical substation. The scene features several rows of metal support structures and equipment, likely circuit breakers or transformers, arranged in a grid-like pattern on a paved surface. In the background, there are tall utility poles with power lines stretching across a clear blue sky. The overall environment appears to be a well-maintained industrial or utility site.

CLOSING

CLOSING

- Reduced rate increases
- Rising system infrastructure costs
- Continued investment in reliability and efficiency to reduce resource interruptions for all customers, including those who are most vulnerable
- Modernizing utility system, infrastructure, and rate design
- Complying with state carbon reduction and energy transition laws



HOMETOWN PEOPLE. HOMETOWN POWER.

**PROPOSED ELECTRIC, WATER, STEAM, HOT WATER AND
CHILLED WATER RATES
LANSING BOARD OF WATER & LIGHT
1201 S. WASHINGTON AVE.
LANSING, MICHIGAN 48910**

Letter to City Clerk dated May 27, 2026

Attachment A is the public hearing notice to be published in a newspaper of general circulation.

Attachment B is a copy of the proposed rate schedules. The effective dates of the proposed rate schedules for Electric, Water, Steam, Chilled Water, and Hot Water are October 1, 2026.

Attachment C presents the effect of the proposed changes to the Electric, Water, Steam, Chilled Water, and Hot Water rate schedules on various monthly billings to customers.

May 27, 2026

Mr. Chris Swope, City Clerk
City of Lansing
124 W. Michigan Avenue, 9th Floor
Lansing, MI 48933

Dear Mr. Swope:

This letter and attachments are being filed with the City Clerk as required in Article 5, Chapter 2, Section 5-205.2 of the Lansing City Charter regarding changes in rate structures and other charges.

The Board of Water & Light's most recent rate changes were effective October 1, 2025.

Proposed Changes

The proposed changes would increase the revenue available to operate and maintain the Electric, Water, Steam, and Chilled Water systems.

Accordingly, the Board of Commissioners has under consideration the attached proposed schedules. If adopted, the Electric, Water, Steam, and Chilled Water fiscal year customer billings would increase as follows:

Effective Date of Rate Change	FY 2027 Billings
	October 1, 2026
Electric	\$ 6,655,087
Water	\$ 1,478,818
Steam	\$ 786,654
Chilled Water	\$ 0

Other Changes

The Board of Water & Light is proposing changes to all rate schedules, as referenced in Attachment B. Additionally, the Board of Water & Light is proposing the conversion of streetlight and outdoor lighting rates from wattage-based rates to luminaire-based rates and the addition of new rates and riders, including Rates EHTC – Electric Heating Transition Credit, EO - Energy Optimization, WOPTO- Water Opt Out, W05ROPTO- Lawn Sprinkling Opt Out, W07 – Bulk Water, HW1 – Commercial Hot Water Service, and HWFCA – Hot Water Fuel Cost Adjustment, which are also included in Attachment B.



Public Hearing

Public hearings, scheduled for Saturday, August 1, 2026, at 10:00 a.m. and Tuesday, August 4, 2026, at 5:30 p.m. in the Board of Water & Light REO Town Depot at 1201 S. Washington Avenue, will provide an opportunity for public input on these changes.

Customer Impact

The impact on any individual customer will vary depending upon the type of service received and customer consumption of electricity, water, steam and chilled water. The effect on various customer usage levels is shown in Attachment C.

Very truly yours,

LaVella J. Todd
Corporate Secretary

Attachment A
Notice of Public Hearing

**NOTICE OF PUBLIC HEARING ON PROPOSED
ELECTRIC, WATER, STEAM, AND CHILLED WATER RATE SCHEDULES
BOARD OF WATER & LIGHT
OF THE CITY OF LANSING, MICHIGAN**

A Public Hearing will be held on Saturday, August 1, 2026 at 10:00 a.m. and on Tuesday, August 4, 2026 at 5:30 p.m. in the Board of Water & Light REO Town Depot at 1201 S. Washington Avenue, Lansing Michigan. Members of the public are invited to attend.

PURPOSE OF THE HEARING: The Board of Water & Light will solicit comments from the public on PROPOSED ELECTRIC, WATER, STEAM, HOT WATER, AND CHILLED WATER RATE SCHEDULES. THE PROPOSALS being considered by the Commissioners would INCREASE RATES FOR ELECTRIC, WATER, STEAM and CHILLED WATER.

REASON FOR CHANGE: The proposed rate adjustments will provide additional revenue to operate and maintain the electric, water, steam and chilled water systems. The proposed rate adjustments will also partially offset increased costs of operating and maintaining the electric, water, steam and chilled water systems.

IF YOU WANT TO BE HEARD: Comments, oral or written, may be submitted at the public hearing. Mailed comments will be received until 5:00 p.m. on July 31, 2026 (corrected from public notice on June 1, 2026), addressed to the Board of Water & Light, P. O. Box 13007, Lansing, Michigan 48910, Attention: Corporate Secretary. Comments MUST BE LIMITED TO THE PROPOSED RATE SCHEDULES. The hearing officer may impose time restrictions on oral comments, depending on the number of persons wishing to be heard.

FURTHER INFORMATION: Copies of proposed rate schedules may be picked up at the information desk on the first floor of the Board of Water & Light Headquarters, at 1201 S. Washington Avenue or at the Board of Water & Light Customer Service Center, at 1232 Haco Drive between 8:00 a.m. and 5:00 p.m., Monday through Friday. This material will also be available at the public hearing. Additional details, including full rate information, are available online at www.lbwl.com/rateinfo.

**PUBLISHED BY ORDER OF THE BOARD OF WATER & LIGHT
COMMISSIONERS**

LaVella J. Todd
Corporate Secretary

Attachment B
Proposed Fiscal Year 2027 Rate Schedules

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:

Basic Service Charge	\$23.00	Per month
Commodity Charge		
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.

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.

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 be 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:

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

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.

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:

Basic Service Charge	\$23.00	Per Month
Commodity Charge		
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.

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

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 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.

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:

Basic Service Charge	\$38.50	Per Month
Commodity Charge		
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

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. **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.

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
Commodity Charge		
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.

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:

Basic Service Charge	\$75.00	Per Month
Capacity Charge	\$15.50	Per kW for all kW above 15kW
Commodity Charge		
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
Power Factor Charge		See Power Factor section below

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.

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 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%

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:

Basic Service Charge	\$75.00	Per Month
Capacity Charge	\$14.00	Per kW for all kW of Maximum Demand
Commodity Charge		
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

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 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%

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:

Basic Service Charge	\$75.00	Per Month
Capacity Charge	\$3.50	Per kW for all kW of Maximum Demand
Commodity Charge		
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>
Power Factor Charge		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 8:00 PM
Off-Peak Hours: 8:00 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.

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.

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%

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:

Basic Service Charge	\$75.00	Per Month
Capacity Charge	\$33.00	Per kW for all kW of Maximum Demand
Commodity Charge		
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
Power Factor Charge		See Power Factor section below

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.
- 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, 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.
- 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 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%

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
Generation Contract Capacity	\$9.26	Per kW of nameplate capacity
Energy Charges:		
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
Power Factor Charge		See Power Factor section below

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.

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 charge

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.

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:

Basic Service Charge	\$75.00	Per Month
Capacity Charge	\$1.45	Per kW for all kW of Maximum Demand
Commodity Charge		
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
Power Factor Charge		See Power Factor section below

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.
- 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, 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.
- 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.

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%

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
Power Factor Charge	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.

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 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%

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.

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:

Basic Service Charge	\$340.00	Per Month
Capacity Charge	\$14.50	Per kW for all kW of Maximum Demand
Commodity Charge		
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
Power Factor Charge		See Power Factor section below

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: 10:00AM to 6:00PM
Off-Peak Hours: 6:00PM to 10:00AM
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.
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 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.

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:

Basic Service Charge	\$340.00	Per Month
Capacity Charge	\$2.70	Per kW for all kW of Maximum Demand
Commodity Charge		
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>
Power Factor Charge		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: 10:00AM 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

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.

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:

Basic Service Charge	\$340.00	Per Month
Capacity Charge		
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
Commodity Charge		
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
Power Factor Charge		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 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

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:

Capacity Charge		
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
Generation Contract Capacity	\$9.00	Per kW of nameplate capacity
Energy Charges:		
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
Power Factor Charge		See Power Factor section below

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.

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.

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:

Basic Service Charge	\$545.00	Per Month
Capacity Charge		
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
Commodity Charge		
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
Power Factor Charge		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 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.

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%

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.

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:

Basic Service Charge	\$545.00	Per Month
Capacity Charge		
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
Commodity Charge		
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
Power Factor Charge		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.

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,

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	

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.

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%

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.

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:

Basic Service Charge	\$5,400.00	Per Month
Capacity Charge		
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
Commodity Charge		
All Energy	\$0.05130	Per kWh for all kWh
Power Factor Charge		See Power Factor section below

Billing

- 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.
- 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

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.

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%



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.

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:

LED Decorative Luminaire	
6,250 Luminaire	\$20.38
7,500 Luminaire	\$22.50
10,000 Luminaire	\$24.64
LED End Mount Luminaire	
8,800 Luminaire	\$12.87
12,500 Luminaire	\$15.85
25,500 Luminaire	\$23.52
LED Flood Luminaire	
5,800 Luminaire	\$11.85
16,500 Luminaire	\$17.38
29,000 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

1. **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.

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

1. **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.
2. **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.
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.

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

1. **Maintenance Charge** - The actual labor, material, miscellaneous, and indirect charges experienced in maintaining street light units during the preceding month.
2. **Combined Rates** - The monthly rate for units consisting of more than one luminaire shall be the appropriate combination of individual unit charges above.
3. **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.
4. **Surcharges and Riders** - Service under this rate is subject to surcharges and riders as defined on a separate surcharge or rider schedule
5. **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.
6. **Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Electric Service hereby incorporated by reference.

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.

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 & 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:

Basic Service Charge	\$5.80	Per Month
Commodity Charge	\$0.12360	Per kWh for all kWh

Billing

1. **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.

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.

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:

Part 1: Electric Service		
Basic Service Charge	\$5.80	Per Month
Commodity Charge	\$0.18020	Per kWh for all kWh
Part 2: Maintenance Charge		
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.

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
Residential	
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
Small Commercial	
SC1	\$0.00 Per Month
SCTOU	\$0.00 Per Month
Midsize Commercial	
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
Large Commercial & Industrial	
LC1	\$0.00 Per Month
LC1STBY	\$0.00 Per Month
LCTOU	\$0.00 Per Month
LCHLF	\$0.00 Per Month
Extra Large Industrial	
XL1	\$0.00 Per Month
XLHLF	\$0.00 Per Month
Economic Development Industrial	
EDM	\$0.00 Per Month
EDHLF	\$0.00 Per Month
Other Electric Service	
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 Surcharge (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
Residential	\$0.002930/kWh	NA
Applies to rates: RES1, RESTOU, RES21, RES22, OPTO, OPTOS		
Commercial and Industrial	\$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.

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.

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.

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.

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.

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.

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 1/4" or 1 1/2"	\$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.

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.

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 1/4" or 1 1/2"	\$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
Commodity Charge	\$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.

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.

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
Commodity Charge	\$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.

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
Commodity Charge	\$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:

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
Commodity Charge	\$7.34	Per CCF for all CCF of water

Billing

1. **Opt-Out Fees** - The Advance Meter Opt-Out Fee is \$30 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.

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.

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.

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		

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:

Basic Service Charge	\$24.54	Per month
Commodity Charge		
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 steam will be in addition to the rates set forth herein.
- Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Steam Service hereby incorporated by reference.

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.

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.

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:

Basic Service Charge	\$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

- 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.
- 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 pressure above 15 psi but not exceeding 100 psi.
- Fee and Tax Adjustment** - Any taxes, assessments, franchise fees, or any other charges or fees levied by a governmental entity or political subdivision upon BWL property, operations, or the production, distribution, or sale of steam, will be in addition to the rates set forth herein.
- Rules and Regulations** - Service under this rate is subject to the BWL Rules and Regulations for Steam Service hereby incorporated by reference.

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.**

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 chilled water, 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 ChiService hereby incorporated by reference.

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.

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.

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.

Attachment C
Effect of the Proposed Rate Adjustments on Various
Monthly Billings to Customers

CUSTOMER IMPACT

MONTHLY ELECTRIC BILLS					
BWL REVENUE INCREASE \$9.4 million					
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase
<u>Residential (Rate 1)</u>					
	500 kWh		\$ 102.90	\$ 105.06	\$ 2.16
	750 kWh		\$ 143.10	\$ 146.09	\$ 2.99
	1,000 kWh		\$ 183.29	\$ 187.11	\$ 3.82
<u>Commercial and Industrial</u>					
Small Commercial					
	Standard (Rate 3)	750 kWh	\$ 160.83	\$ 162.55	\$ 1.72
	Standard (Rate 3)	1,500 kWh	\$ 283.66	\$ 286.59	\$ 2.93
Midsize Commercial					
	Standard (Rate 4)	2,500 kWh / 20 kW	\$ 516.38	\$ 521.60	\$ 5.22
	Standard (Rate 4)	15,000 kWh / 500 kW	\$ 9,489.89	\$ 9,521.18	\$ 31.29
Large Commercial					
	Standard (Rate 5)	400,000 kWh / 1,000 kW	\$ 54,941.43	\$ 56,002.47	\$ 1,061.04
	Standard (Rate 5)	650,000 kWh / 1,000 kW	\$ 74,067.32	\$ 75,791.51	\$ 1,724.19

MONTHLY WATER BILLS					
BWL REVENUE INCREASE \$1.3 million					
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase
<u>Residential (Rate 1)</u>					
	Meter Size 5/8"				
	2 CCF		\$ 26.32	\$ 27.20	\$ 0.88
	5 CCF		\$ 48.07	\$ 49.22	\$ 1.15
<u>General Water Service (Rate 2)</u>					
	Meter Size 4"				
	365 CCF		\$ 2,774.71	\$ 2,800.26	\$ 25.55
<u>Lawn Sprinkling Water Service (Rate 5)</u>					
	Meter Size 2"				
	15 CCF		\$ 115.18	\$ 117.78	\$ 2.60

MONTHLY STEAM BILLS					
BWL REVENUE INCREASE \$1.0 million					
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase
<u>General Steam Service (Rate 1)</u>					
	20,000 lbs		\$ 599.62	\$ 633.19	\$ 33.57
	50,000 lbs		\$ 1,465.23	\$ 1,546.16	\$ 80.93
	200,000 lbs		\$ 5,793.29	\$ 6,111.02	\$ 317.73
	800,000 lbs		\$ 23,961.12	\$ 25,279.24	\$ 1,318.12
	1,000,000 lbs		\$ 30,017.07	\$ 31,668.65	\$ 1,651.58
<u>Industrial Steam Service (Rate 2)</u>					
	28,000,000 lbs		\$ 774,474.22	\$ 816,566.57	\$ 42,092.35

MONTHLY HOT WATER BILLS					
BWL REVENUE INCREASE \$0					
Commercial Hot Water Service (Rate 1)					
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase
	Contract				
	Demand	167			
	MMBtu	320	N/A	\$ 4,756.80	\$ 4,756.80

MONTHLY CHILLED WATER BILLS					
BWL REVENUE INCREASE \$0					
General Chilled Water Service (Rate 1)					
			Current Monthly Bill	10/1/2026 Proposed Monthly Bill	Monthly Increase
	Billing				
	Demand	165			
	Ton -hr	27,500	\$ 12,503.98	\$ 12,503.98	\$ -