



BOARD OF WATER AND LIGHT
September 27, 2022 - 5:30 p.m.
REO Town Depot, 1201 S. Washington Ave., Lansing, Michigan
REGULAR BOARD MEETING AGENDA

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

1. Roll Call

2. Pledge of Allegiance

3. Approval of Minutes

- a. Regular Board Meeting Minutes of July 26, 2022

4. Public Comment on Agenda Items

*Members of the public are welcome to speak to the Board on any agenda subject. Anyone wishing to comment on any matter **not** on the agenda may do so immediately prior to adjournment.*

5. Communications

- a. Electronic mail from Elaine Fischhoff re: LBWL Rules of Procedure
- b. Electronic mail from Carla Jones re: Power Outage
- c. Electronic mail from Elizabeth Calvert re: Senior Citizen Utility Rate Fee
- d. Electronic mail from Amelia Woodruff re: Utility Bill
- e. Electronic mail from Joel Christy re: Utility Bill
- f. Electronic mail from Lisa Parker re: Outside LED Lighting

6. Committee Reports

- a. Committee of the Whole Meeting (September 13, 2022) – Sandra Zerkle, Chairperson
- b. Finance Committee Meeting (September 13, 2022) – Dusty Horwitt, Chairperson

7. Manager's Recommendations

8. Unfinished Business

9. New Business

10. Resolutions/Action Items

- a. Rules of Procedure Amendment Resolution
- b. PA 152 Health Care Premium Sharing Resolution
- c. Commissioner Questions Pertaining to Environmental Matters Resolution
- d. FY2022 Audited Financial Statements of the Enterprise Fund and Pension Fiduciary Funds Resolution
- e. Internal Audit Plan for FY 2023 Resolution
- f. 2022-2023 Rate Increases for Electric, Water, Steam and Chilled Water Resolution

11. Manager's Remarks

12. Commissioners' Remarks

13. Motion of Excused Absence

14. Public Comment

Members of the public are welcome to speak to the Board on any Board of Water and Light subject.

15. Adjournment

Agenda posted on web site/building 9-23-22

2022 Board Meetings Notice/Schedule Posted in the Lansing City Pulse January 5, 2022



**MINUTES OF THE BOARD OF COMMISSIONERS MEETING
LANSING BOARD OF WATER AND LIGHT**

July 26, 2022

The Board of Commissioners met at the Lansing Board of Water and Light (BWL) Headquarters-REO Town Depot located at 1201 S. Washington Ave., Lansing, MI, at 5:30 p.m. on Tuesday, July 26, 2022.

Chairperson David Price called the meeting to order at 5:30p.m.

Chairperson Price welcomed new Commissioner Maggie Sanders representing Lansing Charter Township as an Advisory Commissioner.

The Corporate Secretary, LaVella J. Todd, called the roll.

Present: Commissioners David Price, Beth Graham, Dusty Horwitt, Semone James, DeShon Leek, Tony Mullen, Tracy Thomas, and Sandra Zerkle. Non-Voting Commissioners present: Maggie Sanders (Lansing Charter Township).

Absent: Non-Voting Commissioner Douglas Jester (East Lansing) and Larry Merrill (Delta Township).

Corporate Secretary Todd declared a quorum.

Commissioner Price led the Pledge of Allegiance.

ELECTION OF OFFICERS FY 2022-2023

Nominating Committee Chairperson Tony Mullen presented the July 12, 2022, Nominating Committee Report. The proposed slate of officers for Fiscal Year 2022-2023 is as such: Commissioner Semone James serving as Chairperson; and Commissioner Sandra Zerkle serving as Vice Chairperson. There were no further nominations for the officers' positions from the floor.

Motion by Commissioner Beth Graham, **Seconded** by Commissioner Tracy Thomas to close nominations for officers' positions.

Action: Motion Carried.

Motion by Commissioner Beth Graham, **Seconded** by Commissioner DeShon Leek to approve the nominations of Commissioner Semone James to serve as the Chairperson and Commissioner Sandra Zerkle to serve as the Vice Chairperson of the Board of Commissioners for Fiscal Year 2022-2023.

Roll Call Vote called by Commissioner Tracy Thomas.

Roll Call Vote:

Yeas: Commissioners David Price, Beth Graham, Dusty Horwitt, Semone James, DeShon Leek, Tracy Thomas and Sandra Zerkle.

Nays: Commissioner Tony Mullen.

Action: Motion Carried.

Commissioner David Price congratulated new officers for FY 2022-2023, and then passed the gavel to new Chairperson, Semone James.

Chair James thanks fellow board-members for their support, acknowledged Commissioner Price for his years of service as Chair and requested applause in his behalf.

Chair James tabled nomination for board member for Executive Committee until the September Committee of the Whole Meeting after reciting a section related to Executive Committee from Rules of Procedures.

Chair James stated committee assignments will be assigned next week and she will be reaching out to board members regarding their preferences.

APPROVAL OF MINUTES

Motion by Commissioner David Price, **Seconded** by Commissioner Beth Graham, to approve the Regular Board Meeting minutes of May 24, 2022.

Action: Motion Carried.

PUBLIC COMMENTS ON AGENDA ITEMS

There were no public comments on agenda items.

COMMUNICATIONS

Electronic mail received from M. Denise Griffin regarding Employment Concerns - *Referred to Management. Received and Placed on File.*

Electronic mail received from Elaine Dierwa Fischhoff regarding LBWL Amended Rules of Procedure - *Referred to Management. Received and Placed on File.*

Electronic mail received from Derek Davis regarding Fallen Tree on Power Lines - *Referred to Management. Received and Placed on File.*

Electronic mail received from Craig McDaniel regarding Residential Account - *Referred to Management. Received and Placed on File.*

COMMITTEE REPORTS

Human Resources Committee Chairperson Tracy Thomas presented the Human Resources Committee Report:

HUMAN RESOURCES COMMITTEE Meeting Minutes June 21, 2022

Human Resources Committee: Tracy Thomas, Committee Chairperson; Commissioners: Dusty Horwitt, DeShon Leek, David Price; Sandra Zerkle (Alternate).

The Human Resources Committee of the Lansing Board of Water and Light (BWL) met at the BWL Headquarters-REO Town Depot located at 1201 S. Washington Ave., Lansing, MI, at 5:30 p.m. on Tuesday, June 21, 2022.

Human Resources (HR) Committee Chairperson Tracy Thomas called the meeting to order at 5:30 p.m. and asked the Corporate Secretary to call the roll. The following members were present: Commissioners Tracy Thomas, Dusty Horwitt, DeShon Leek, and David Price. Also present: Commissioners Sandra Zerkle (Alternate) and Tony Mullen; Commissioner Semone James attended the meeting via conference phone.

Absent: None.

Public Comments

None.

1. Approval of Minutes

Motion by Commissioner David Price, **Seconded** by Commissioner DeShon Leek, to approve the Human Resources Committee meeting minutes of April 26, 2022.

Action: Motion Carried.

2. FY 2023 Board Appointee Performance Review – General Manager

HR Committee Chairperson Thomas opened the floor for the Board Appointee Performance Review.

General Manager Richard Peffley requested a closed session for the purpose of receiving his contractual year-end performance evaluation as permitted by the Open Meetings Act exemption MCL 15.268(a).

Motion by Commissioner David Price, **Seconded** by Commissioner DeShon Leek, to enter into closed session to discuss the contractual year-end performance evaluation of General Manager, Richard Peffley.

Roll Call Vote:

Yeas: Commissioners Tracy Thomas, Dusty Horwitt, DeShon Leek, and David Price.

Nays: None.

Action: Motion Carried.

The Human Resources Committee went into closed session at 5:37 p.m.

Motion by Commissioner David Price, **Seconded** by Commissioner Dusty Horwitt, to reconvene into open session.

Roll Call Vote:

Yeas: Commissioners Tracy Thomas, Dusty Horwitt, DeShon Leek, and David Price.

Nays: None.

Action: Motion Carried.

The Human Resources Committee reconvened to open session at 6:10 p.m.

3. General Manager Reappointment Resolution

At the start of open session, the following motion was offered:

Motion by Commissioner David Price, **Seconded** by Commissioner Dusty Horwitt, to forward the resolution reappointing Richard (Dick) Peffley to the Charter position of General Manager for FY23 to the full Board for consideration at its July 2022 Meeting.

Action: Motion Carried.

The purpose of the revised contracts for the recently hired Internal Auditor and Corporate Secretary (Agenda Item 4) is:

- To align the contracts with the Board's Rules of Procedure for annual review and appointment of its three employees at the end each fiscal year ending June 30: "the Board at its first regular board meeting following July 1 of each year or as soon as practical thereafter, shall appoint a Director of Internal Audit and a Corporate Secretary."
- The original contract could not conform with this Procedure because the City Charter prohibits contracts in excess of 12 months and both new employees started their employment on May 9, 2022, creating a gap between May 9, 2023 and June 30, 2023.
- With the revised contracts a new term is established that conforms with the Board's own Procedure and the City Charter and eliminates the gap by appointing both employees for a new 12-month period commencing July 1, 2022 and ending June 30, 2023.

4. Revised Employment Contract for Corporate Secretary and Internal Auditor

Revised Employment Contract for Corporate Secretary

Motion by Commissioner David Price, Seconded by Commissioner DeShon Leek, to forward the resolution to revise the appointment of Corporate Secretary LaVella J. Todd from July 1, 2022 to June 30, 2023 to the full Board for consideration at its July 2022 Meeting.

Action: Motion Carried.

Revised Employment Contract for Internal Auditor

Motion by Commissioner David Price, **Seconded** by Commissioner DeShon Leek, to forward the resolution to revise the appointment of Internal Auditor Frank Macciocca from July 1, 2022 to June 30, 2023 to the full Board for consideration at its July 2022 Meeting.

Action: Motion Carried.

Other

There was no other business.

Adjourn

Human Resources (HR) Committee Chairperson Thomas adjourned the meeting at 6:16 p.m.

Respectfully Submitted,
Tracy Thomas, Chairperson
Human Resources Committee

Chair James commended Commissioner Thomas for his service as HR Committee Chairperson.

Commissioner Tony Mullen presented the Nominating Committee Report:

**NOMINATING COMMITTEE
Meeting Minutes
July 12, 2022**

The Nominating Committee of the Lansing Board of Water and Light met at the BWL Headquarters-REO Town Depot located at 1201 S. Washington Ave., Lansing, MI, at 5:00 p.m. on Tuesday, July 12, 2022.

Nominating Committee Chairperson, Tony Mullen, called the meeting to order at 5:00 p.m. and asked the Corporate Secretary to call the roll. The following committee members were present: Commissioners Tony Mullen, Beth Graham, DeShon Leek, and Tracy Thomas.

Absent: None

Public Comments

There were no public comments.

Approval of Minutes

Motion by Commissioner Thomas, Seconded by Commissioner Graham to approve the Nominating Committee meeting minutes of June 15, 2021.

Action: Motion Carried.

Officer & Committee Survey Results & Officer & Committee Survey Memorandum

Nominating Committee Chairperson Tony Mullen stated that the Officer Committee Survey Results Forms and Committee Survey Memorandum were included in the Nominating Committee meeting packet for review and asked if there were any questions regarding the documents. There were no questions.

Nomination of Board Officer Candidates for Fiscal Year 2022-2023

Chairperson and Vice Chairperson

Nominating Committee Chairperson Mullen opened the floor for nominations for the Chairperson for the 2022-2023 fiscal year and for the Vice Chairperson for the 2022-2023 fiscal year.

Motion by Commissioner Leek, Seconded by Commissioner Thomas to nominate Commissioner James to serve as Chairperson of the Board of Commissioners for the 2022-2023 fiscal year.

Roll Call Vote:

Yeas: Commissioners DeShon Leek, Tracy Thomas

Nays: Commissioners Beth Graham, Tony Mullen

Action: Motion failed.

Motion by Commissioner Graham, Seconded by Commissioner Mullen to nominate Commissioner Price to serve as Chairperson of the Board of Commissioners for the 2022-2023 fiscal year.

Commissioner Thomas commented that the position of Chairperson should be rotated.

Roll Call Vote:

Yeas: Commissioners Beth Graham, Tony Mullen

Nays: Commissioners DeShon Leek, Tracy Thomas

Action: Motion failed.

Motion by Commissioner Mullen, Seconded by Commissioner Leek to nominate Commissioner Zerkle to serve as Chairperson of the Board of Commissioners for the 2022-2023 fiscal year.

Roll Call Vote:

Yeas: Commissioners DeShon Leek, Tony Mullen

Nays: Commissioners Beth Graham, Tracy Thomas

Action: Motion failed.

Commissioner Graham commented that the Chairperson position should be filled by someone who has served as Vice-Chairperson. Commissioner Thomas commented that Commissioner

James had served as Chairperson in a previous appointment and Commissioner James confirmed that was correct.

A second motion was made to nominate Commissioner James to serve as Chairperson for the 2022-2023 fiscal year.

Motion by Commissioner Thomas, Seconded by Commissioner Graham to nominate Commissioner James to serve as the Chairperson for the 2022-2023 fiscal year.

Roll Call Vote:

Yeas: Commissioners Beth Graham, DeShon Leek and Tracy Thomas

Nays: Commissioner Tony Mullen

Action: Motion carried.

Motion by Commissioner Leek, Seconded by Commissioner Mullen to nominate Commissioner Zerkle to serve as Vice-Chairperson of the Board of Commissioners for the 2022-2023 fiscal year.

Roll Call Vote:

Yeas: Commissioners DeShon Leek, Tony Mullen

Nays: Commissioners Beth Graham, Tracy Thomas

Action: Motion failed.

Motion by Commissioner Leek to nominate Commissioner Thomas to serve as Vice-Chairperson of the Board of Commissioners for the 2022-2023 fiscal year.

Commissioner Price made a point of order that a member of the Nominating Committee could not be nominated for an officer position. Commissioner Leek withdrew his motion.

A second motion was made to nominate Commissioner Zerkle to serve as Vice-Chairperson for the 2022-2023 fiscal year.

Motion by Commissioner Thomas, Seconded by Commissioner Mullen to nominate Commissioner Zerkle to serve as the Vice-Chairperson for the 2022-2023 fiscal year.

Roll Call Vote:

Yeas: Commissioners Beth Graham, DeShon Leek, Tony Mullen and Tracy Thomas

Nays: None

Action: Motion carried.

Motion by Commissioner Leek, Seconded by Commissioner Thomas to present the slate of Officers for 2022-2023 to the full Board for consideration as follows:

Chairperson:	Semone James
Vice Chairperson:	Sandra Zerkle

Roll Call Vote:

Yeas: Commissioners Beth Graham, DeShon Leek, Tony Mullen and Tracy Thomas

Nays: None

Action: Motion carried.

Nominating Committee Chairperson Mullen stated that the recommended slate will be presented to the full Board for consideration and nominations will be taken from the floor at the July 26th Regular Board/Annual Organizational meeting.

Adjourn

There being no further business, the meeting adjourned at 5:21 p.m.

Respectfully submitted,
Tony Mullen, Chairperson
Nominating Committee

Vice Chairperson Sandra Zerkle presented the Committee of the Whole Report:

COMMITTEE OF THE WHOLE Meeting Minutes July 12, 2022

The Committee of the Whole of the Lansing Board of Water and Light (BWL) met at the BWL Headquarters-REO Town Depot located at 1201 S. Washington Ave., Lansing, MI, on Tuesday, July 12, 2022.

Committee of the Whole Chairperson Sandra Zerkle called the meeting to order at 5:30 p.m. and asked the Corporate Secretary to call the roll.

Present: Commissioners Sandra Zerkle, Beth Graham, Dusty Horwitt, Semone James, DeShon Leek, Tony Mullen, David Price and Tracy Thomas, and Non-Voting Members: Douglas Jester (East Lansing) and Larry Merrill (Delta Township)

Absent: Commissioner Maggie Sanders (Lansing Township)

The Corporate Secretary declared a quorum.

Public Comments

There were no public comments.

Approval of Minutes

Motion by Commissioner Graham, **Seconded** by Commissioner Mullen, to approve the Committee of the Whole Meeting minutes of May 10, 2022 with corrections.

Commissioner Horwitt requested that the minutes be corrected in Commissioner Jester's comment to the higher price of energy on the grid is driven by natural gas prices.

Commissioner James requested that the minutes be corrected to Commissioner James making the motion for the Resolution for the Amendment to the Return on Equity and Commissioner Price seconding the motion.

Action: Motion carried. The minutes were approved with corrections.

Energy Waste Reduction and Renewable Energy Annual Update

Environmental Services Manager Lori Myott presented the energy waste reduction and renewable energy update and provided information on the energy saving and budget goals, pandemic impacts, residential programs, low-income programs, business programs and renewable energy. Ms. Myott added that BWL has increased savings goals of 1.25% in 2022, 1.35% in 2023 and 1.5% for 2024-2026.

Amendment to Appointment to MPPA - Resolution

Dave Bolan, Chief Operations Officer, requested approval of the resolution for the Amendment to Appointment to MPPA in which James Mitchell, Market Operations Supervisor of Bulk Power Trading, was stepping down and Lynn McKinstry, Operations Process Support Director, was being appointed in his stead.

Motion by Commissioner James, **Seconded** by Commissioner Graham to forward the resolution to Amend the Appointment to Michigan Public Power Agency to the full Board for consideration.

Action: Motion Carried

Blackout Coordination Meeting

GM Peffley spoke about the MISO footprint. MISO is an energy governing agency that sent out a notification that a capacity shortage is expected for July and energy load would need to be shed. A meeting was held for city and county officials to inform them what that would involve.

Chairperson Zerkle asked if BWL had the ability to choose what time of day when the blackout would occur and would information be distributed to customers to be prepared. GM Peffley responded that BWL would get about a 20-minute notice and load would not be shed for essential services such as hospitals. GM Peffley added that an initial circuit would be shut off and then a second circuit would be shut off and the first circuit could be turned back on and this would be done in a variety of areas.

Environmental Updates

GM Peffley responded to questions read by Corporate Secretary LaVella Todd that were submitted by the Commissioners that included regulatory communications with the Board of Commissioners; public health and safety impacts; renewable energy; reducing energy consumption; carbon neutrality goals; and groundwater testing at Erickson.

Excused Absence

Motion by Commissioner James, **Seconded** by Commissioner Graham, to excuse Commissioner Maggie Sanders from tonight's meeting.

Action: Motion Carried.

Other

Commissioner Zerkle commented about Rules and Procedures communications received and stated that the Board would follow up on any edits to the Rules and Procedure after it was reviewed by the City Council.

Adjourn

Motion by Commissioner Price, Seconded by Commissioner Horwitt, to adjourn the meeting.

Action: Motion Carried.

Chairperson Zerkle adjourned the meeting at 6:26 p.m.

Respectfully Submitted,
Sandra Zerkle, Chairperson
Committee of the Whole

Chair James commended Commissioner Zerkle for her service as Committee of the Whole Committee Chairperson.

Finance Committee Chairperson Tony Mullen presented the Finance Committee Report:

FINANCE COMMITTEE Meeting Minutes July 12, 2022

The Finance Committee of the Board of Water and Light (BWL) met at the BWL Headquarters – REO Town Depot, located at 1201 S. Washington Ave., Lansing, MI on Tuesday, July 12, 2022.

Finance Committee Chairperson Tony Mullen called the meeting to order at 6:33 p.m. and asked the Corporate Secretary to call the roll.

Present: Commissioners Tony Mullen, Beth Graham, Semone James, David Price and Sandra Zerkle.

Absent: None

The Corporate Secretary declared a quorum.

Public Comments

There were no public comments.

Approval of Minutes

Motion by Commissioner Graham, **Seconded** by Commissioner James to approve the Finance Committee meeting minutes of May 10, 2022.

Action: Motion Carried.

May YTD Financial Summary

CFO Heather Shawa presented the May YTD Financial Summary and Capital Project Summary. In response to Chairperson Mullen, Ms. Shawa reported that owed debt has been reduced to \$7-8 million from \$11 million and will include this in the next monthly report.

Electric Annuals Capital Project Exceedance – Resolution

CFO Shawa requested approval for the projected spending for Capital Project AE – Electric Annuals which has an exceedance of \$3.3 million. The increases are due to more line extensions and cable upgrades than were expected, and some due to customer growth.

Commissioner Zerkle asked if any of the First STEP interns could be recruited for linemen positions. GM Peffley responded that BWL is working with Vegetation Management to expand their training as they are already comfortable working in a bucket.

Motion by Commissioner Price, Seconded by Commissioner Graham, to forward the Resolution for the Capital Project Exceedance: AE – Electric Annuals to the full Board for approval.

Action: Motion Carried.

Retirement Plan Committee (RPC) Update and 401 (a) DC Plan 2 Restatement

CFO Shawa reported that there were no updates to the Defined Contribution and Deferred Compensation Plans. The restated 401(a) plan documents for DC Plan 1 have already been executed by the RPC and because authority for DC Plan 2 document changes has been retained by the Board, the restated plan documents for DC Plan 2 are being brought forward for execution by the Board for submission by the July 31, 2022, deadline.

Motion by Commissioner Graham, **Seconded** by Commissioner Zerkle to forward the Restated DC Plan 2 Resolution to the full Board for consideration.

Action: Motion carried.

Bi-Annual Internal Audit Open Management Responses Update

Senior Internal Control Analyst Elisha Franco presented the Internal Audit Open Management Responses update.

Internal Audit Department Update

Internal Auditor Frank Macciocca presented the Internal Audit Department update. Interviews were conducted and an applicant selected for an Executive Administrative Assistant in the Internal Audit Department.

Rate Presentation

CFO Shawa stated that a public hearing and Special Board Meeting would be held in September regarding rate increases in November.

Corporate Planning Manager Paul Eory introduced Mark Beauchamp, President of Utility Financial Solutions, who presented rate design trends and impacts to the distribution system for demand charges, time of use pricing and energy incentives. Mr. Eory presented rate design recommendations and costs of services. BWL will file the recommendations with the City Clerk on August 5, 2022, send out a notice on September 6, 2022, for a Public Rate Hearing to be held at a Special Board meeting on September 20, 2022, and submit for approval at the September 27, 2022, Regular Board meeting. On November 1, 2022, year one changes will be implemented and on November 1, 2023, year two changes will be implemented.

Commissioner Zerkle requested a booklet or pamphlet be made to distribute to customers in order for them to be informed and select what will be their most beneficial rates. GM Peffley responded that BWL Communications Department is working on a plan to educate customers in order for them to select what fits them best in order to reap benefits. Commissioner Zerkle requested that BWL work with community organizations to distribute the information.

CFO Shawa responded that a tentative communication plan and meetings to be scheduled will be presented in the July Monthly Update and requested that specific questions be brought to the Finance Committee Chairperson. Commissioner Zerkle requested that the information be provided in the monthly Executive Highlights instead of in the Committee Meetings.

Upon Commissioner Jester's request for information on differentiated pricing and solar customers outflow billing rate, a follow up meeting regarding rate strategy will be scheduled for Commissioner Jester with BWL staff.

PA 95

Executive Director of Customer Experience Stephen Serkaian and his team, Customer Service Manager Deanna Sparks, Community Relations Manager Breina Pugh, and Customer Experience Manager Bob Perialas recommended a change in policy to opt into PA 95. Opting into the PA 95 rate strategy would assist low-income households through the Michigan Public Service Commission by charging up to one dollar for every residential and commercial customer. If BWL opts into the PA 95 program, eligible customers facing shutoff will receive assistance with their bill. No resolution is necessary, and no Board action was required at this meeting.

Commissioner Zerkle commented that Commissioners have fought against opting into PA 95 as there was no guarantee that state assistance would be provided in the geographic area from which funds were received. Mr. Serkaian handed out a list of utilities opting into and out of PA 95, plus the MSPC statutory requirement to direct funds to the geographic area from which they were received to the extent possible.

Commissioner Merrill inquired why the request to opt into PA 95 was for 2023-2024 season after a year through another winter. Mr. Serkaian responded that since opting into PA 95 is a rate increase and a public hearing would need to be held, it is requested for the 2023-2024 season and is being added to the upcoming rate increase hearing.

Other

There was no other business.

Adjourn

Chairperson Tony Mullen adjourned the meeting at 8:33 p.m.

Respectfully submitted,
Tony Mullen, Chairperson
Finance Committee

Chair James commended Commissioner Mullen for his service as Finance Committee Chairperson.

MANAGER'S RECOMMENDATIONS

There were no Manager's Recommendations.

UNFINISHED BUSINESS

There was no unfinished business.

NEW BUSINESS

There was no new business.

RESOLUTIONS

RESOLUTION 2022-07-01

Appointment of the Charter Position of Corporate Secretary

WHEREAS, the Board's Rules of Procedure specify that the Board is to appoint a Director and General Manager, Internal Auditor, and Corporate Secretary, respectively at its first regular meeting following July 1st of each year or as soon thereafter as may be appropriate; and

WHEREAS, at the Special Board meeting on April 26, 2022, the Board approved extending an offer of employment effective May 9, 2022 to May 8, 2023 for the position of Corporate Secretary to LaVella J. Todd prior to July 1st and to conform with its Rules of Procedure, the Board anticipated a reappointment after July 1st; and

WHEREAS, the Board desires to appoint LaVella J. Todd for a new 12-month period commencing July 1, 2022 and ending June 30, 2023 to align the employment contract with the Rules of Procedure for annual review and appointment of its three employees at the end of each fiscal year ending June 30.

RESOLVED, that the Board of Commissioners hereby appoints LaVella J. Todd to the Charter position of Corporate Secretary for a one-year term.

FURTHER RESOLVED, that LaVella J. Todd shall be extended an employment contract which shall be effective from July 1, 2022, and expire on June 30, 2023, or until such new date as may be set forth in an amended contract or a successor is appointed, whichever later occurs.

Motion by Commissioner David Price, **Seconded** by Commissioner Tony Mullen, to approve the appointment of the Corporate Secretary for the Fiscal Year 2022-2023.

Action: Motion Carried.

RESOLUTION 2022-07-02

Appointment of the Charter Position of Internal Auditor

WHEREAS, the Board's Rules of Procedure specify that the Board is to appoint a Director and General Manager, Internal Auditor, and Corporate Secretary, respectively at its first regular meeting following July 1st of each year or as soon thereafter as may be appropriate; and

WHEREAS, at the Special Board meeting on May 3, 2022, the Board approved extending an offer of employment effective May 9, 2022 to May 8, 2023 for the position of Internal Auditor to Frank J. Macciocca prior to July 1st and to conform with its Rules of Procedure, the Board anticipated a reappointment after July 1st; and

WHEREAS, the Board desires to appoint Frank L. Macciocca for a new 12-month period commencing July 1, 2022 and ending June 30, 2023 to align the employment contract with the Rules of Procedure for annual review and appointment of its three employees at the end of each fiscal year ending June 30.

RESOLVED, that the Board of Commissioners hereby appoints Frank J. Macciocca to the Charter position of Internal Auditor for a one year term.

FURTHER RESOLVED, that Frank J. Macciocca shall be extended an employment contract which shall be effective from July 1, 2022, and expire on June 30, 2023, or until such new date as may be set forth in an amended contract or a successor is appointed, whichever later occurs.

Motion by Commissioner Tracy Thomas, **Seconded** by Commissioner Beth Graham, to approve the appointment of the Internal Auditor for the Fiscal Year 2022-2023.

Action: Motion Carried.

RESOLUTION 2022-07-03

Appointment of the Charter Position of Director and General Manager

The Board's Rules of Administrative Procedures specify that the Board is to appoint a Director and General Manager, Internal Auditor, and Corporate Secretary, at its first regular meeting following July 1st of each year or as soon as practicable thereafter.

RESOLVED, That the Board of Commissioners hereby appoints the following individual to the Charter position of Director and General Manager for fiscal year 2022-2023 or until a successor is appointed, whichever last occurs:

Richard R. Peffley, Director and General Manager

FURTHER RESOLVED, That the Chair of the Board of Commissioners is authorized to execute any and all contractual amendment documents which reflect merit adjustments recommended by the Human Resources Committee for FY 2022's performance.

Motion by Commissioner David Price, **Seconded** by Commissioner Dusty Horwitt, to approve the reappointment of the Director and General Manager for the Fiscal Year 2022-2023.

Action: Motion Carried.

RESOLUTION 2022-07-04

Amendment to Appointment to MPPA Resolution

WHEREAS, Dave Bolan is the Michigan Public Power Agency (MPPA) Commissioner on behalf of the Lansing Board of Water & Light (BWL), along with James Mitchell and Constance Carantza, who serve as First and Second Alternate Commissioners, respectively; and

WHEREAS, Lynn McKinstry serves as the BWL's Director of Operations' Process Support; and

WHEREAS, it is appropriate and in the best interest of the BWL to name a replacement for the BWL's First Alternate on behalf of the BWL.

NOW, BE IT RESOLVED, that Dave Bolan will remain as the MPPA Commissioner on behalf of the BWL.

FURTHER RESOLVED, that Constance Carantza will remain as the Second Alternate Commissioner.

FURTHER RESOLVED, that Lynn McKinstry is named as BWL's First Alternate MPPA Commissioner.

Motion by Commissioner Sandra Zerkle, **Seconded** by Commissioner Tony Mullen to approve the resolution for the Amendment to Appointment to MPPA Resolution.

Action: Motion Carried.

RESOLUTION 2022-07-05

Electric Annuals Capital Project Exceedance Resolution

WHEREAS, Lansing Board of Water & Light's (BWL) Policy F1-13, entitled Capital Project Exceedance Approval, requires BWL Board of Commissioners approval for specific capital projects that are expected to exceed their previously approved designed budget amount by both 15% and \$200,000 prior to completion of the project; and

WHEREAS, the previously approved budget for Capital Project AE – Electric Annuals was \$15,692,000; and

WHEREAS, the projected final total cost for Capital Project AE – Electric Annuals is \$19,000,000, should the project be completed; and

WHEREAS, BWL staff and management reviewed the project cost in detail, which includes but is not limited to the rationale and circumstances for the increased budget projection; and

WHEREAS, BWL staff and management recommends that the Capital Project AE – Electric Annuals projected spending be approved; and

RESOLVED, the BWL Board of Commissioners approve projected spending for Capital Project AE – Electric Annuals with a projected final total cost of \$19,000,000.

Motion by Commissioner Tony Mullen, **Seconded** by Commissioner David Price, to approve the resolution for the Electric Annuals Capital Project Exceedance.

Action: Motion Carried.

RESOLUTION 2022-07-06

401 (a) DC Plan 2 Restatement Resolution

WHEREAS, the Lansing Board of Water & Light (the “Board”) maintains the Lansing Board of Water and Light Defined Contribution Plan and Trust 2 (the “DC Plan 2”); and

WHEREAS, the Board uses the Internal Revenue Service (“IRS”) preapproved prototype plan documents of Nationwide Retirement Solutions (“Nationwide”), the third party administrator for the DC Plan 2; and

WHEREAS, Nationwide has amended and restated its prototype plan documents to comply with the IRS’s requirement that preapproved plan documents be restated every 6 years to incorporate all legislative and regulatory changes in the law; and

WHEREAS, the Board desires to amend and restate the DC Plan 2; and

WHEREAS, the Board has received and reviewed copies of the proposed DC Plan 2 and Summary of Plan Provisions; and

WHEREAS, the Board desires to approve and adopt the restated DC Plan 2 and Summary of Plan Provisions.

NOW THEREFORE, it is:

RESOLVED, that the restated DC Plan 2 is hereby approved and adopted, effective as set forth therein;

FURTHER RESOLVED, that the Summary of Plan Provisions is hereby approved and adopted, effective as set forth therein;

FURTHER RESOLVED, that any member of the Board of Commissioners, on behalf of the Board, is authorized to execute the restated DC Plan 2 and any other documents that are necessary to implement the foregoing resolutions.

Motion by Commissioner Tony Mullen, **Seconded** by Commissioner Tracy Thomas, to approve and adopt the Restatement of the 401 (a) DC Plan 2.

Action: Motion Carried.

MANAGER'S REMARKS

General Manager Peffley shared remarks regarding BWL staff's stellar response to restore service to customers who lost power due to Lansing area storm on July 24, 2022, shared appreciation to Commissions for attending the State of the BWL and invited Commissioners to the Eckert Station Time-capsule Opening on August 5, 2022. In addition, GM Peffley announced the BWL Charity Golf Outing on August 19, 2022, and Delta Energy Plant celebration on August 23, 2022.

COMMISSIONERS' REMARKS

Chair James thanked General Manager Peffley for the service response to the community during the July 24, 2022 storm.

Commissioner Mullen enquired if the July 24, 2022 storm was expected - GM Peffley provided details regarding storm preparation.

Vice-Chair Zerkle thanked Commissioner Price for service over the years as Board Chair; GM Peffley for presenting the State of the BWL event as a moral boost to employees.

Commissioner Thomas shared appreciation to GM Peffley for State of the BWL event with employees and for his reappointment to position of General Manager; recognized Corporate Secretary, LaVella Todd and Internal Auditor Frank Macciocca for the impressive work they have done in their initial 90-days and recognized Commissioner Price for the eight years of leadership service to the Board of Commissioners. In addition, Commissioner Thomas stated he is looking forward to assisting Chair James and Vice-Chair Zerkle during FY 2022-2023 and appreciated Commissioner Mullen for his work with the Finance Committee.

Chair James recognized and welcomed new Advisory Commissioner Maggie Sanders to the Board of Commissioners; shared desire to all work together as all board members have a vote.

EXCUSED ABSENCE

Motion by Commissioner David Price, **Seconded** by Commissioner Dusty Horwitt, to excuse Commissioner Douglas Jester and Commissioner Larry Merrill from tonight's meeting.

Action: Motion Carried.

PUBLIC COMMENTS

Public Comments

There were no public comments.

ADJOURNMENT

Motion by Commissioner Tracy Thomas, **seconded** by Commissioner Sandra Zerkle to adjourn the meeting at 5:58 p.m.

LaVella J. Todd, Corporate Secretary

Preliminary Minutes filed (electronically) with Lansing City Clerk 08-05-22

Approved by the Board of Commissioners: 09-__-22

Official Minutes filed (electronically) with Lansing City Clerk: __-__-22

Submitted on Sun, 07/10/2022 - 10:15 PM

Select a Commissioner:

All Commissioners

Name

Elaine Fischhoff

Message

cc of letter submitted to the Lansing City Council for consideration of my proposed objections to the LBWL's proposed Board Rules of Administrative Procedure:

Elaine Dierwa Fischhoff
2536 Windbreak, Lansing, MI 48910
517-449-9713, ElaineDiFi@gmail.com

July 10, 2022
President Hussain and Council Members
124 W. Michigan Ave., 10th Floor
Lansing, MI. 48933

Re: Objections, in part, to the Lansing Board of Water and Light proposed Board Rules of Administrative Procedure

Dear President Hussain and Council Members:

The Lansing Board of Water and Light's proposed Board Rules of Administrative Procedure are Item 25 on the July 11, 2022 City Council Meeting Agenda. According to the City Clerk's cover letter, the Lansing City Counsel may approval the Rules or object, in whole or in part, and return the Rules with a statement of objections and recommendations.

I believe the LBWL Board has approved language in its Rules that discourages, not encourages, public review and comment of its actions and policies. The Lansing City Council should exercise its power to object to that language. That is the premise supporting most of my proposed objections.

I respectfully request that the Council object in part to portions of the Rules for the reasons stated below. For clarity, the proposed Rule is quoted with LBWL's changes in boldface and deletions bracketed [], followed by a separate paragraph explaining each proposed change and my reasoning.

"1. MEETINGS

1.1 Regular Meetings

1.1.1 The Lansing Board of Water [and]/& Light (BWL) Board of Commissioners (Board) shall hold regular bi-monthly meetings on the fourth Tuesday

Page 1

of the month [in]/at the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910 or at such other place as the Board shall determine, unless a regular meeting is rescheduled as provided herein."

I propose using acronym LBWL in this document, instead of BWL, to recognize that this institution continues to belong to the City of Lansing and its residents.

I also propose a provision allowing the Board to pass a resolution to meet via video-conferencing if allowed under State law. I further propose that any such resolution require providing a means for the public to "attend" and comment. We've experienced a pandemic that made video-conferencing necessary. The Rules should explicitly provide for such action.

" 1.5 Committee of the Whole Meetings

1.5.1 The Board may convenes a Committee of the Whole upon call by the Vice Chairperson or by any [two]/four (4) Voting Members of the Board."

I propose objecting to doubling the number of Voting Members of the Board — let it remain at two instead of raising the bar to 50% of the whole Board. I've never heard that there has been any abuse of the existing rule. Doubling the number impedes consideration of some action that two Members might choose to propose. It would be a greater restraint on Board Member action without any justification, to my knowledge, other than the recommendation of the LBWL's executive staff.

"2. NOTICE OF MEETINGS

2.1 Publication of Dates

A notice listing the dates of the regular Board meetings shall be published annually in a newspaper of general circulation in Ingham County, Michigan at least three (3) days prior to the time of the regularly scheduled meeting in January. . . .”

I propose requiring the dates of the regular Board meetings to be posted electronically on the LBWL’s website. The Internet has replaced printed newspapers for the most part. The Rules should recognize that.

Page 2

“4. OFFICIAL ACTION AT REGULAR OR SPECIA MEETINGS

4.2. Resolutions

[formerly 4.3] The Board speaks through resolutions. A member of the Board may only speak on the Board’s behalf in accordance with its resolution. See 19.2.3.” {News Media Regulations, italics in the original}

I propose adding a sentence here and/or in 19.2.3 explicitly recognizing the right of any Board member to voice their personal opinions on any matter related to the LBWL to avoid the perception that these Rules preclude such.

“10. AGENDA FOR REGULAR MEETINGS

10.1.2. Preparation of Agenda

An agenda shall be prepared by the Board Chairperson with the assistance of the Corporate Secretary, in consultation with the Committee Chairperson and the General Manager and made available for distribution [3 days preceding] within 18 hours prior to a regular or Special Meeting [for informational purposes only. However the agenda is subject to unilateral change by the General Manager before the meeting.]”

I propose retaining the 3 days notice requirement. The phrase “within 18 hours” is ridiculous as it means that the agenda need only be made available 18 HOURS OR LESS preceding the meeting. Making it available 5 minutes before the meeting would conform to this provision but deprive the public of any meaningful opportunity to prepare and make comment at the meeting. LBWL should be increasing not decreasing its transparency. LBWL should be making easier, not more difficult, for the public to inform itself and comment on LBWL’s actions and policies. LBWL shouldn’t be allowed to make rules reducing public review.

For the same reasons, I propose rejecting any suggestion that substituting the language “18 hours preceding a regular or Special meeting” be approved. An 18 hour minimum preceding a meeting allows distribution to occur at 12:00 pm midnight the day before the meeting — with notice effectively becoming only 12 hours — assuming that someone gets up at 5:30 am, otherwise less — for the public to become aware

Page 3

of matters that will be considered and prepare any comment. LBWL should be increasing, not decreasing, its transparency. LBWL shouldn't be allowed to make rules reducing public review.

I also propose requiring the Agenda to appear electronically on the LBWL website at least 3 days before the meeting to, again, increase LBWL's transparency.

I also propose adding the requirement that any documents supporting the Agenda that will be provided to the Board, and thus become a document subject to a FOIA request, accompany the Agenda and also be required to be posted electronically on the LBWL website.

"10.5. Reports and Recommendations of the [Director and] General Manager
The [Director and] General Manager shall advise the Board [by mail] any Reports and Recommendations to be considered at each regular meeting."

I propose rejecting elimination of "by mail" as it permits the General Manager to provide his information and recommendation verbally to the Board. Without a document containing the information and recommendation, FOIA is not available. That decreases the public's access to information that will be considered by the Board in its decision making.

I also propose that any of the General Manager's Reports and Recommendations be reduced to written form and posted electronically on the LBWL website with the Agenda.

"12 PUBLIC HEARINGS

12.3 Notice

Notice of the hearing will be placed in at least one (1) newspaper of general circulation in the Lansing, Michigan area, no less than fourteen (14) days before the public hearing. The notice shall state the date, time, place and subject of the hearing. Notice shall also be posted electronically on the [L]BWL's website."

Page 4

I propose adding a requirement that the Notice provide a link to any information pertaining to the subject of the hearing and also be posted electronically on the website.

Thank you for considering my proposals.

Sincerely yours,

Elaine Dierwa Fischhoff

cc: Board of Commissioners for the Lansing Board of Water and Light (LBWL)
LEAT (Lansing Environmental Action Team) c/o Chair Randy Dykhuis
LWV Lansing Area, Environmental Advocacy Group c/o Chair Ellen Link
City Pulse
Lansing State Journal

Submitted on Sat, 07/30/2022 - 7:34 PM

Select a Commissioner:

David Price

Name

Carla Jones

Message

I have been without power for hours there's no info on you website regarding power outage.

Submitted on Tue, 08/23/2022 - 10:29 AM

Select a Commissioner:

David Price

Name

elizabeth calvert

Message

I am writing to ask whether the one-year wait to receive the lower senior citizen electricity rate and monthly fee is appropriate. I was told this was to assess whether the customer's electricity use might be too high to benefit from the discount. This makes no sense, as the rates apply to the first so many kilowatts of usage. The discount disappears for higher usage. The one year delay appears to just be a delay tactic. Our electric bill is more of an issue than our gas bill, even though our hot water and heat are gas. We have struggled to keep our usage down. It remains far higher than our gas bill, despite [our decision to forgo air conditioning](#). Thank you for your assistance. Elizabeth Calvert New customer

Submitted on Thu, 08/25/2022 - 11:57 AM

Select a Commissioner:

All Commissioners

Name

Amelia L Woodruff

Message

Hi. I need someone to call me. I have started a message 2x on here and have been bumped off. Very frustrating. Just like having your lights turned off. I have a logical viewpoint that needs to be considered instead of a one size fits all punishment. My phone 517-7498421
I would appreciate if someone would contact me. Amie

From: [Hussain, Adam](#)

Sent: Wednesday, September 7, 2022 3:19 PM

To: dleek.mbtc@gmail.com

Subject: Fwd: Joel Christy - Resident REO Road

DeShon,

This is one of our constituents. I did talk to him. It was a great call. However, nearly all of the issues he wanted to discuss were board related. He has concerns regarding payment systems as well as what he determines to be a lack of communication from the board. He's had problems with shut offs and fines as a result. I told him that as a commissioner, you would be the more appropriate person to talk to. I was wondering if you could give him a call and listen to determine if there's anything you can take to management or the board?

Thanks,

Adam

Sent from my iPhone

Begin forwarded message:

From: "Boak, Sherrie" <Sherrie.Boak@lansingmi.gov>

Date: September 6, 2022 at 11:05:36 AM EDT

To: City Council <City.Council@lansingmi.gov>

Subject: Joel Christy - Resident REO Road

Mr. Christy stopped by to introduce himself because he believes you get complaints about him. He wants to talk to someone about BWL and their billing. He pays at the KIOSK because you can't pay person to person, but then the KIOSK is not "talking" to the dept. that schedules the shut-offs so they shut off his power and he has to get it turned on again every time because payment was not recognized. Then BWL has now added a \$600 deposit to his bills for these "late payments" that occur.

517-719-2264

NOTE _ He intends to come to the meetings next Monday as well.

Sherrie Boak

City Council Office Manager

124 W. Michigan Ave. | Lansing, MI 48933

O: 517-483-7683 | C: 517-290-5592 | sherrie.boak@lansingmi.gov | city.council@lansingmi.gov

www.lansingmi.gov/City_Council | Facebook | Twitter | Instagram |

Submitted on Mon, 09/19/2022 - 12:39 PM

Select a Commissioner:

Sandra Zerkle

Name

Lisa Parker

Message

Hello Commissioner Zerkle,

I am writing today to voice my concerns regarding the new LED lighting that was installed outside my home just weeks ago. While I understand the economic argument behind the new lighting technology, my concern lies with the impacts to our health and the natural world. I have included a link to an article that summarizes research detailing negative impacts that provides a good overview [of the potential harm](#) and aggravation that can occur with utilization of this new technology.

Nowhere on the LBWL website could I find details of the decision making process and research that the Commissioners performed before undertaking this upgrade. If you have that available, please share.

Thank you for your time and consideration, I look forward to your response.

Submitted on Mon, 09/19/2022 - 12:42 PM

Select a Commissioner:

Sandra Zerkle

Name

Lisa Parker

Message

Commissioner Zerkle,

I had so much fun taking the test to ensure I was a human visitor, I neglected to add the link to my previous message. Please forgive me, Lisa Parker

Submitted on Mon, 09/19/2022 - 12:46 PM

Select a Commissioner:

Sandra Zerkle

Name

Lisa Parker

Message

Sharon,

The Link:

<https://www.treehugger.com/led-street-lighting-increasing-environmental-risk-6666342?hid=3759e6361583f9d10c888f44088b96fb7825f2d8&did=841507-20220919&cid=841507&mid=97387164767>

Thank you - 3rd time's the charm, I hope.

COMMITTEE OF THE WHOLE
Meeting Minutes
September 13, 2022

The Committee of the Whole of the Lansing Board of Water and Light (BWL) met at the BWL Headquarters-REO Town Depot located at 1201 S. Washington Ave., Lansing, MI, on Tuesday, September 13, 2022.

Committee of the Whole Chairperson Sandra Zerkle called the meeting to order at 5:30 p.m. and asked the Corporate Secretary to call the roll.

Present: Commissioners Sandra Zerkle, Beth Graham, Dusty Horwitt, Semone James, DeShon Leek, Tony Mullen, and Tracy Thomas; and Non-Voting Members: Larry Merrill (Delta Township).

Absent: Commissioners David Price; and Non-Voting Members: Douglas Jester (East Lansing) and Maggie Sanders (Lansing Township)

The Corporate Secretary declared a quorum.

Public Comments

There were no public comments.

Approval of Minutes

Motion by Commissioner Beth Graham, **Seconded** by Commissioner Tracy Thomas, to approve the Committee of the Whole meeting minutes of July 12, 2022.

Action: Motion Carried.

LBWL's Rules of Procedure

Chairperson Zerkle and Attorney Mark Matus shared the City Council's request for minor changes to the LBWL's Rules of Procedure in section 10.2 AGENDA FOR REGULAR MEETINGS, Preparation of Agenda, and section 19.2.3 MISCELLANEOUS, News Media Regulations. In addition, Commissioner Merrill stated section 2.1 NOTICE OF MEETINGS, Publication of Dates, does not need to be amended but needs some care by the Corporate Secretary to post the Annual Board Meeting Schedule 10-days prior to January 1st to be consistent with the provisions of the Open Meetings Act.

Motion by Commissioner Beth Graham, Seconded by Commissioner Beth Graham, Seconded by Commission Tracy Thomas, to approve the minor changes to the LBWL's Rules of Procedure and return them to the City Council.

LBWL's Rules of Procedure – Edited Version

Chairperson Zerkle introduced the agenda item. Commissioner Tony Mullen shared concerns with this agenda item being presented and questioned the relevance of discussing the item any further in that the Board has already reviewed the Rules of Procedure this year and some of the changes being suggested in the edited version were already voted down. Secondly, Commissioner Mullen cautioned

the Board to make sure discussions are presented according to the Open Meetings Act as opposed to “round-robins” as Board action is supposed to be executed through resolutions. He also shared concerns regarding the time spent on answering questions on environmental matters. Commissioner Horwitt stated that because he was not in attendance during the Board’s previous discussion on the Rules of Procedure, he wanted to discuss the proposed changes in the edited version as suggestions, either now, or in the future.

Motion by Commissioner Semone James, Seconded by Commissioner Dusty Horwitt, to discuss the LBWL’s Rules of Procedure – Edited Version.

Commissioner Horwitt gave an overview of the suggested changes indicated in the LBWL’s Rules of Procedure – Edited Version. Additional comments were presented by Attorney Mark Mattus regarding the grammatical changes shared by Commissioner Horwitt. A lengthy discussion followed regarding the suggested grammatical changes to the Rules of Procedure – Edited Version.

Commissioner Leek requested a call to question.

Roll Call Vote for call to question:

Yeas: Commissioners Sandra Zerkle, Beth Graham, DeShon Leek, Tony Mullen, Tracy Thomas, Dusty Horwitt

Nays: None.

Vote to end discussion on item 3. LBWL’s Rules of Procedure – Edited Version passes.

Healthcare Review / PUBLIC ACT (PA) 152 Resolution

Michael Flowers, Human Resources Executive Director and Tracy Strudwick, Human Resources Manager, provided an overview of the Healthcare Review/PUBLIC ACT (PA) 152 and Resolution. Brief discussion followed.

Motion by Commissioner Beth Graham, Seconded by Commissioner Tracy Thomas, to forward the Healthcare Review / PA 152 Resolution to the full board for consideration.

Action: Motion Carried

Response to Public Questions Resolution

Motion to accept Response to Public Questions Resolution by Commissioner Semone James, Seconded by Commissioner Horwitt, to the full board for consideration.

Roll Call Vote for Motion:

Yeas: Commissioners Beth Graham, DeShon Leek, Tracy Thomas, Dusty Horwitt, Semone James, Sandra Zerkle; Non-voting Commissioners: Merrill.

Nays: Commissioner Tony Mullen

Response to Public Questions Resolution passes.

Other

Parking space changes – no discussion.

Environmental questions – referenced in above.

Motion by Commissioner Semone James, Seconded by Commissioner Beth Graham, to excuse Commissioners Douglas Jester and Maggie Sanders from tonight’s meeting.

Action: Motion Carried

Reflection

Commissioner Thomas requested reflection upon and well wishes for Commissioner David Price and his spouse considering his recent surgery.

Adjourn

Chairperson Zerkle adjourned the meeting at 6:26p.m.

Respectfully Submitted
Sandra Zerkle, Chairperson
Committee of the Whole

FINANCE COMMITTEE
Meeting Minutes
September 13, 2022

The Finance Committee of the Board of Water and Light (BWL) met at the BWL Headquarters – REO Town Depot, located at 1201 S. Washington Ave., Lansing, MI on Tuesday, September 13, 2022.

Finance Committee Chairperson Dusty Horwitt called the meeting to order at 6:40 p.m. and asked the Corporate Secretary to call the roll.

Present: Commissioners Dusty Horwitt, Semone James, and Sandra Zerkle. Also, present: Commissioners Beth Graham, Tony Mullen, and Tracy Thomas; and Non-Voting Commissioners: Larry Merrill (Delta Township)

Absent: Commissioners David Price, Douglas Jester (East Lansing) and Maggie Sanders (Lansing Township)

The Corporate Secretary declared a quorum.

Public Comments

There were no public comments.

Approval of Minutes

Motion by Commissioner James, **Seconded** by Commissioner Zerkle, to approve the Finance Committee Meeting minutes of July 12, 2022.

Action: Motion Carried.

Baker Tilly External Audit Report and Resolution

Chief Financial Officer (CFO) Heather Shawa provided background information on the annual external audit report. Ms. Shawa introduced external auditor Aaron Worthman, Partner and CPA at Baker Tilly Virchow Krause, LLP. Mr. Worthman presented and highlighted the external audit report which included an audit overview, observations and recommendations, and required communications to governing body. Mr. Worthman reported that there were no deficiencies in internal controls and that the BWL and all three pension plans received unmodified audit opinions.

A Commissioner and external auditor question and answer discussion session followed.

Motion by Commissioner Semone James, **Seconded** by Commissioner Sandra Zerkle, to forward the Resolution for the FY2022 Audited Financial Statements to the full Board for consideration.

Action: Motion Carried.

July YTD Financial Summary

Chief Financial Officer (CFO) Heather Shawa gave a review of the July 2022 Year-to-date Financial Summary. CFO Shawa reported the following: revenues were budgeted at \$35.8 million and are at \$40.3 million; operating expenditures were budgeted at \$34.3 million and \$37.4 million was spent; Net Income was budgeted at \$1.5 million and it is now at \$3 million.

Rate Change Update

CFO Shawa reported that the rate change notice was published on September 2, 2022, and the rate schedules were sent to the City of Lansing on August 5, 2022 for the Public Hearing to be held on September 20, 2022. The resolution for Board approval of the rate changes will be considered at the Board Meeting on September 27, 2022. Recommended changes will not include a demand charge for residential customers but will include a time of use of rate. Residential customers will also receive a discounted rate for the first 2 CCF of water. CFO Shawa stated that customers will be provided information on how the time of use rate will be beneficial to them and the rate change transition.

Retirement Plan Committee (RPC) Update

Mr. Taylor gave the Retirement Plan Committee (RPC) update presentation. The investment activity updates included the DB and VEBA investment manager changes of replacing Loomis, Sayles & Company and Vanguard Russell 1000 Value with Northern Trust S&P 500 Index Fund, VEBA portfolio rebalancing due to AEW and Blackstone real asset holdings outperforming other asset classes, and Defined Contribution 401(a) and Deferred Compensation 457(b) Plans fund and fund share class changes. Administrative activity updates included no reimbursements being made from the VEBA Trust due to a shortfall in investment returns and communication will be made to participants regarding documentation needed for deductions and tax reporting.

Internal Audit Department Update

Internal Auditor Frank Macciocca presented the Internal Audit department update and requested approval of the FY2023 Internal Audit Plan.

Commissioner Zerkle asked whether the energy contract for the Battery cell venture would be audited and what part of shutting down the Erickson plant would be audited. Mr. Macciocca responded that the process and steps for the Battery cell venture and the shutdown of the plant would be audited in order to examine how to improve and streamline the entire process.

Motion by Commissioner James, **Seconded** by Commissioner Zerkle, to forward the Resolution for the FY2023 Internal Audit Plan to the full Board for consideration.

Action: Motion Carried.

Other

Motion by Chairperson Dusty Horwitt, **Seconded** by Commissioner Sandra Zerkle, to excuse Commissioners David Price, Douglas Jester and Maggie Sanders from tonight's meeting.

Action: Motion Carried

Adjourn

Chairperson Dusty Horwitt adjourned the meeting at 8:00 p.m.

Respectfully submitted
Dusty Horwitt, Chairperson
Finance Committee

**BOARD OF WATER AND LIGHT
OF THE CITY OF LANSING, MICHIGAN
RULES OF PROCEDURE
APPROVED BY BWL COMMISSION: ~~MAY 26, 2015~~ **SEPTEMBER 27, 2022**
CITY COUNCIL EFFECTIVE: ~~JUNE 8, 2015~~ _____, 2022**

1. MEETINGS

1.1 Regular Meetings

1.1.1 The **Lansing** Board of Water and Light (BWL) **Board of Commissioners (Board)** shall hold regular bi-monthly meetings on the fourth Tuesday of the month ~~in~~ **at** the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910 or at such other place, as the Board shall determine, unless a regular meeting is rescheduled as provided herein.

1.1.2 A schedule of dates, places and times for each regular bi-monthly meeting to be held in the **next** calendar year shall be adopted by the Board ~~during~~ **in** November of the preceding year.

1.2 Special Meetings

1.2.1 Special Meetings of the Board shall be called by the General Manager or **Corporate** Secretary ~~on the~~ **upon** request of the **Chairperson** of the Board or ~~on the~~ **upon** request of any ~~two~~ **four (4)** Voting Members.

1.2.2 Members of the Board shall have at least **eighteen (18)** hours written notice of a Special Meeting designating the time and purpose of such meeting. The notice shall be ~~delivered personally~~ **provided** to each Member of the Board ~~or left at his or her usual place of residence or business~~ by the **Corporate** Secretary or someone designated by the **Corporate** Secretary. **Acknowledgement of notice is required from each member of the Board and may be in the form of an electronic communication (i.e., email).**

1.3 Rescheduled Meetings

1.3.1 The **Chairperson** may reschedule any regular or Special Meeting.

1.3.2 Notice of any rescheduled meeting shall be given ~~as required~~ pursuant to Section 1.2.2; and Section 2.2.

1.4 Conflicting Times

The schedule of regular Board **and Special Meetings** shall not conflict with regular meetings of the Lansing City Council.

1.5 Committee of the Whole Meetings

- 1.5.1 The Board may convene as a Committee of the Whole upon call by the Vice Chair**person** or any ~~two~~ **four (4)** Voting Members of the Board.
- 1.5.2 Notice shall be provided in accordance with ~~the provisions for Special Meetings~~ **Section 1.2** and State law.
- 1.5.3 The Committee of the Whole shall report its recommendations, if any, for consideration by the Board at a regular or Special Meeting.

1.6 Closed Meetings

- 1.6.1 Meetings that are closed to the public may be closed to the public only for those purposes permitted under the Michigan Open Meetings Act, as amended.
- 1.6.2 ~~No~~ **A** Non-voting Member shall participate in ~~any~~ **a** closed **session** meeting **unless** the subject of ~~which the Non-voting Member or the municipality(s) they represent~~ **has the closed meeting poses a conflict of interest to the Non-voting member or the municipality the Non-voting member represents** ~~or a financial interest other than as a citizen of the municipality.~~ If a conflict of interest question is raised under this section at any Board meeting prior to going into closed session, such question shall be ~~determined~~ **resolved** by a majority **vote** of those Voting Members present and qualified to vote ~~before the main question shall be voted on. If the Non-voting Member is recused, they shall be prohibited from voting on or participating in the closed session.~~

2. NOTICE OF MEETINGS

2.1 Publication of Dates

A notice listing the dates of the regular **Board** meetings shall be published annually in a newspaper of general circulation in Ingham County, **Michigan** at least three **(3)** days prior to the time of the regularly scheduled meeting in January. ~~At the regularly scheduled meetings in November each year, the Board shall name the newspaper in which the notice shall be published.~~

2.2 Posting Notice

Notice of all meetings of the Board shall be posted in accordance with state law.

2.3 Designated Person

The **Corporate** Secretary shall be responsible for posting notices.

3. QUORUM FOR A REGULAR OR SPECIAL MEETING

3.1 Number Required

The presence of five (5) Voting Members of the Board **or the majority of Voting Members of the Board serving** shall ~~be constitute~~ constitute a quorum for the transaction of business at all regular and Special Meetings.;

3.2 Lack of Quorum

In the absence of a quorum, those present may adjourn any meeting or hearing to a later date or **choose to** hold the meeting ~~for the purpose of considering such~~ **to discuss** matters as are on the agenda. **However, No** action taken in the absence of a quorum shall be valid or effective unless and until ratified and confirmed at a subsequent regular or Special Meeting at which a quorum is present and at which five (5) affirmative votes **or the majority of Voting Members of the Board serving** are given for ratification.

4. OFFICIAL ACTION AT REGULAR OR SPECIAL MEETINGS

4.1 Official Action

The concurring vote of the majority of all Voting Members of the Board serving shall be necessary for **all** official action and such vote may only take place at regular or Special Meetings of the Board on the following items:

- 4.1.1 **a.** Adopting the annual fiscal year budget and any amendments thereto.
- 4.1.2 **b.** Adopting rates for furnishing electric, water, and steam service.
- 4.1.3 **c.** Appointment or removal of the Director, Internal Auditor, and **Corporate** Secretary.
- 4.1.4 **d.** Purchase and sale of real property.
- 4.1.5 **e.** Sale or exchange of facilities as set forth in 5-207 of **the** Lansing's City Charter.
- 4.1.6 **f.** Providing compensation, benefits, conditions of employment, and retirement plans.
- 4.1.7 **g.** Removal of a Member from service as an officer, except at the expiration of the officer's term.

4.2 Except as may be required by law or by ~~sSection 10.1.4~~ **3**, all other matters considered by the Board shall require the affirmative vote of a majority of Voting Members present at a regular or Special Meeting.

4.2 Resolutions

~~4.3~~ The Board speaks through resolutions. A Member of the Board may only speak on the Board's behalf in accordance with its resolutions. *See 19.2.3.*

5. VOTING

5.1 Roll Call Vote

5.1.1 A ~~2/3~~ roll call vote shall be required for holding a closed ~~meeting session~~ as specified by the Open Meetings Act ~~or upon request of any Voting Member.~~

5.1.2 All Voting Members ~~and Non-voting Members~~ shall be required to participate in a vote to go into closed session as required by the Open Meetings Act.

5.2 Unanimous Consent

If there is no objection to the proposed action, the action may be taken by unanimous consent, except actions required by roll call vote pursuant to these ~~rules~~ **Rules of Procedure, Lansing City Charter, the Charter of the City of Lansing,** or the laws of the State of Michigan.

5.3 Conflict of Interest

If a Board Member has a conflict of interest on an issue before the Board, he or she shall reveal the conflict, ~~not participate in discussion or any decision regarding the issue,~~ and shall **recuse themselves from all discussions, deliberations and decisions related to the issue** ~~refrain from discussing the issue with any other Board Member or BWL staff.~~ **In no event will a Member of the Board vote on any issue upon which that Member has a conflict of interest or a financial interest other than as a citizen. If a conflict of interest is raised at any Board meeting, such issue shall be determined by a majority vote of the Voting Members present before the main issue shall be voted on, but the Member of the Board affected shall not vote on such determination.**

6. ANNUAL ORGANIZATION

The Board shall organize at its first regular meeting following July 1,st or as soon thereafter as is reasonably convenient, by selecting one of its Voting Members as **Chairperson** and; one of its Voting Members as **Vice Chairperson**, each of whom shall serve until the first regular meeting ~~in~~ the following July or **until** a successor has been selected.

A Commissioner who serves as Chairperson or Vice Chairperson of the Board cannot serve as the Chairperson of a Standing Committee other than the

Executive and Board Pension Fund Trustees Committees.

7. DUTIES OF OFFICERS

7.1 Chairperson

The **Chairperson** shall preside at all regular or Special Meetings of the Board ~~and as well as~~ public hearings conducted by the Board. **The Chairperson shall** see that all orders and regulations are executed and complied with, see that all legal contracts with the BWL for or in the name of the City are performed, and shall perform such other duties as may be from time to time lawfully required of the **Chairperson**. The **Chairperson** shall also be an ex officio member of all committees of the Board, unless the **Chairperson** is an official member of a Committee. If the **Chairperson** is an official member of a Committee, she or he shall possess all voting privileges. It shall not be necessary for the **Chairperson** to relinquish the **Chairperson position** for the purpose of participating in debate or for the making of routine motions and resolutions.

7.2 Vice Chairperson

In the absence of the **Chairperson**, the **Vice Chairperson** shall perform all the duties and have all the powers of the **Chairperson**. The **Vice Chairperson** shall also preside over meetings of the Committee of the Whole.

7.3 Past Chairperson

The most ~~immediate~~ **recent** past **Chairperson** of the Board who is not currently serving as **Chairperson** or **Vice Chairperson** of the Board shall be designated "Past **Chairperson**." If no Past **Chairperson** is serving on the Board, the Voting Members of the Board shall select a Voting Member to assume the duties of the Past **Chairperson** as set forth in these Rules of ~~Administrative~~ Procedure. The Past **Chairperson** shall assume the duties of the **Chairperson** when neither the **Chairperson** nor the **Vice Chairperson** ~~is~~ **are** present.

8. CHARTER POSITIONS

8.1 Director, **Corporate Secretary and Internal Auditor**

The Voting Members of the Board shall, at its first regular meeting following July 1st of each year, or as soon as practicable thereafter, appoint a Director, an Internal Auditor and a **Corporate** Secretary. The Director shall also be known as the General Manager, and shall be the highest executive officer of the ~~Board of Water and Light~~ **BWL**. The Internal Auditor shall also be known as the Director of Internal Audit. These positions shall be contract positions, shall report directly to the Board of Commissioners, and shall serve at the pleasure of the Board of Commissioners.

8.2 **Contract Reviews**

Unless otherwise determined by the Board of Commissioners, contract reviews for the Charter Position employees shall commence no later than sixty (60) days prior to the end of the fiscal year and be completed no later than the start of the next fiscal year.

8.3 **Exit Interviews**

Unless otherwise determined by the Board of Commissioners, an exit interview shall be offered by the Chairperson of the Human Resources Committee in accordance with the Board of Water & Light exit interview procedure two weeks prior to the departure or retirement of a Charter Position.

9. ~~STANDING COMMITTEES~~

9.1 **Committees**

9.1.1 In order to carry out its policymaking obligations, the Board of ~~Water and Light~~ Commissioners shall meet as often as needed, as one or more standing committees or ~~a~~Ad hHoc committees, in the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910 or at such other place, as the Board shall determine. Notice of these meetings shall be provided in accordance with the Lansing City Charter and state law.

9.1.2 Committees shall have no authority to exercise the collective powers and duties of the Board of Commissioners except as expressly authorized by an adopted resolution of the Board of Commissioners.

9.2 **Standing Committees**

~~9.2.1~~ The following standing committees shall be appointed by the Chairperson **based upon the request of the appointed Commissioner** as provided in 9.4: **Finance, Human Resources, Nominating, and Executive.**

~~Finance~~

~~Human Resource-~~

~~Nominating-~~

~~EXECUTIVE~~

~~9.2.2~~ **9.2.1** The Finance Committee shall have ~~oversight~~ responsibility for financial performance measures and audits, capital expenditures and returns, bond indebtedness and credit rating, annual Operations & Maintenance budget, rate review, and the investment policies of the retirement plans.

~~9.2.3 The Nominating Committee shall at its first regular meeting following July 1st of each year, nominate a slate of officers at its annual organizational meeting and shall endeavor to rotate officers of the Board annually.~~

9.2.4 **9.2.2** The Human Resources Committee shall have oversight responsibility for non-bargaining salary adjustments, employee survey results, labor relations, performance appraisal review for Board-appointed positions, Board staff appointments, salary, wages, and employee benefits.

9.2.3 The Nominating Committee shall, at its first regular meeting following July 1 of each year, nominate a slate of officers and shall endeavor to rotate officers of the Board annually, pursuant to Section 6. Annual Organization.

~~9.2.5~~ **9.2.4** The Executive Committee shall, during the intervals between the Board of Commissioners' meetings, assist in the development of the BWL's position on major issues and submit and recommend the position to the Board for consideration and action. The Executive Committee shall consider and act upon such other activities as directed or referred to it by the Board or as otherwise specified in these Rules of Procedure.

9.3 Ad Hoc Committees

Ad Hoc committees shall convene whenever the need arises to address an issue or topic that would not appropriately fall within any of the other standing committees and would not require the attention of the Committee of the Whole.

9.4 Appointment of Standing and Ad Hoc Committees

The Chairperson shall appoint Members to the standing committees and such other Ad Hoc committees as the Board may from time to time establish. The first Voting Member named on each committee shall be the Chairperson of the committee.

Standing Committees: All standing committees, except the Executive Committee, shall have four (4) regular Voting Members and two (2) alternate Voting Members who shall serve in the absence of regular Voting Member(s). The Executive Committee shall have four (4) Voting Members, including the Chairperson, Vice Chairperson and Past Chairperson and one (1) Member elected by the Voting Members, whose term shall be concurrent with the terms of the Officers. The Chairperson may appoint additional Non-voting Members to any committee.

The Nominating Committee shall not consist of any Members who intends to run for an officer position.

Ad Hoc Committees: The Chair**person** shall appoint Members of any ~~a~~**Ad h**Hoc committee. An ~~a~~**Ad h**Hoc committee may have any number of Members.

9.5 Sub-Committees Authorized

The Executive Committee shall establish ~~such~~ sub-committees as deemed necessary.

9.6 Quorum for Committee Meetings

A quorum for a ~~s~~**Standing** or ~~a~~**Ad h**Hoc committee shall be three (3) Voting Members of the ~~committee~~ **Board**.

9.7 Committee Meetings

~~Meetings of s~~**Standing** or ~~a~~**Ad h**Hoc committees ~~meetings~~ may be called by the General Manager or **Corporate** Secretary on the request of the Chair**person** of the Board, Chair**person** of a committee or any two (2) Voting Members on the committee.

9.8 Committee Reports

Each ~~s~~**Standing** or ~~a~~**Ad h**Hoc committee shall report its recommendation, if any, for consideration by the Board at a regular or Special Meeting.

Upon adoption of a motion to accept (or approve) a committee report, the recommendation of the committee becomes the action of the Board; provided, however, if any resolutions are necessary to carry out the report, they shall be enacted separately pursuant to ~~s~~**Section 19.5**.

9.9 Committee Resolutions

Committee reports recommending action by the Board shall have ~~incorporated in the report~~ **contain** the necessary resolutions or motions to accomplish the action.

~~9.10 Discharge of Consideration~~

~~A committee shall be discharged of any matter referred to it by an affirmative vote of two-thirds of the Board.~~

10. AGENDA FOR REGULAR MEETINGS

10.1 Order of Business

10.1.1 The order of business at any regular meeting of the Board shall be as follows:

1. Roll Call
2. Approval of Minutes

3. Public Comments on agenda items ~~shall be~~ (limited to three (3) minutes unless waived at the discretion of the Chairperson)
4. Communications
5. Committee Reports
6. General Manager's Recommendations
7. Unfinished Business
8. New Business
9. Resolutions
10. Manager's Remarks
11. Remarks by Members of the Board.
12. Motion of Excused Absence
13. Public Comments on BWL-related matters ~~shall be~~ (limited to three (3) minutes unless waived at the discretion of the Chairperson)
14. Adjournment

10.1.2 In the absence of any objection, the presiding officer shall have the discretion to vary the order of business.

~~10.1.3~~ **10.2** Preparation of Agenda

An agenda shall be prepared by the **Board Chairperson with the assistance of the Corporate Secretary, in consultation with the Committee Chairperson** and the General Manager and made available for distribution three (3) days preceding a regular **meetings and at least eighteen (18) hours prior to a** or Special Meeting for informational purposes only. However, the agenda is subject to unilateral change by the General Manager before the meeting.

~~10.1.4~~ **10.3** Changes to the Agenda

In the absence of any objection, the General Manager or any Voting Member of the Board may add or subtract an agenda item at a meeting. In the event of **an** objection, an affirmative vote of the majority of the Voting Members of the Board shall be required to add or subtract an agenda item.

~~10.1.5~~ **10.4** Public Comments

The time limits of Sections 10.1.1.3 **and 10.1.1.13** apply to all Public Comments. Immediately following Approval of Minutes, the Chairperson will announce that members of the public are invited to address the Board regarding any item on the agenda. Anyone wishing to comment on any matter not on the agenda may do so immediately prior to adjournment. The Chairperson may exercise its discretion in prescribing how members of the

public will seek recognition, or extending time limits for comments under the circumstances, or in limiting remarks to the subject matter under discussion as provided in **Sections 10.1.1.3 and 10.1.1.13.**

~~10.1.6~~ **10.5** Reports and Recommendations of ~~Director and~~ General Manager

The ~~Director and~~ General Manager shall advise the Board ~~by mail~~ of Reports and Recommendations to be considered at each regular meeting.

11. AGENDA FOR COMMITTEE MEETINGS

11.1 Order of Business

11.1.1 The order of business at any committee meeting of the Board shall be as follows:

1. Roll Call
2. Public comment on agenda items ~~shall be~~ (limited to three (3) minutes unless waived at the discretion of the **eChairperson**)
3. Agenda Topics
4. Other
5. Adjourn

11.1.2 A concurring vote of a majority of Voting Members on the committee present shall be necessary to move a recommendation to the Board.

12. PUBLIC HEARINGS

12.1 Date

The Board shall hold a public hearing at least thirty (**30**) days before the effective date of any changes in rate structure. The Board shall comply with the requirements of **Lansing City** Charter, Section 5-205.2 for public hearings regarding changes in the rate structure. The Board may also choose to hold a public hearing on other topics as necessary or appropriate.

12.2 Location

Although the Board will generally hold its public hearings in the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910, the Board may conduct public hearings at such places that it determines will best serve the public interest.

12.3 Notice

Notice of the hearing will be placed in at least one (1) newspaper of general circulation in the Lansing, Michigan area, no less than fourteen (14) days

before the public hearing. The notice shall state the date, time, place and subject of the hearing. Notice shall also be posted electronically on the LBWL's website.

12.4 **Quorum**

A quorum of the Board shall be necessary to conduct a public hearing.

12.5 **Ex Parte Communications**

No Member shall engage in ex parte conversations about the topics of the public hearing, either before or after the hearing, until the full Board takes action on the topic.

12.6 **Open Meetings**

Public hearings shall be open to the public, in accordance with the Open Meetings Act.

12.7 **Public Comment**

Individuals and organizations are invited to comment on the topic of the public hearing, either orally or in writing. Written comments should be addressed to the **Corporate** Secretary and should be presented on or before the date of the hearing. Oral comments shall be presented at the public hearing. The **Chairperson** may set reasonable limits on the length of oral presentations. Comments or conduct that disrupt the orderly conduct of meetings or hearings shall not be permitted.

12.8 **Transcript**

A transcript or recording of the hearing shall be **permanently maintained unless otherwise set forth in the BWL's approved Record Retention and Disposal Schedule** ~~made and kept for no less than three (3) years.~~

12.9 **Public Hearing on Rates**

In the case of a rate hearing, the Board may hold a separate meeting or meetings after the rate hearing to discuss the proposed changes to the rate structure and vote on the proposed changes. If the Board's discussions after the rate hearing indicate that it intends to raise any customer's rate higher than proposed during the public hearing, the Board shall hold an additional public hearing on the proposed higher rate in accordance with this section before voting on the rates. The Board is not required to hold any additional hearings in order to approve a rate lower than the rate proposed at the public hearing.

12.10 **Resolution Action**

If the Board acts on the topic discussed at the public hearing, it shall do so at a public meeting and shall approve a written resolution describing its

action.

13. MEMBERS OF THE BOARD

13.1 Attendance

Each Member of the Board shall attend all meetings of the Board in person unless otherwise excused. Each Member must attend at least fifty (50) percent of regular or Special Meetings of the Board and fifty (50) percent of assigned committee meetings during any fiscal year. Failure to do so may be grounds for removal by the City from the office as a Member of the Board.

13.2 Disqualification to Vote

Any Voting Member of the Board having a direct or indirect financial interest in any matter before the Board, or who may stand to gain or lose financially or otherwise due to action of the Board on any matter, shall indicate such interest to the Board and may be disqualified from voting on such matter as set forth in the Lansing City Charter.

13.3 Ethics

All Board Members are subject to Article 5, Chapter 5 of the Lansing City Charter (Ethics) and the **City of Lansing Ethics Ordinance**.

14. RECONSIDERATION OF ACTION

Any Voting Member may move to reconsider a previous action of the Board. Such motion to reconsider shall be made not later than the next regular Board meeting.

15. MINUTES

15.1 Preparation and Filing

The **Corporate** Secretary shall keep minutes of regular and Special Meetings of the Board and committees and shall file a copy of the Board minutes in the office of the City Clerk as a public record. No official action taken by the Board shall be valid or effective until a copy of the minutes of the meeting at which such action was taken is filed with the City Clerk.

15.2 Corrections

Corrections in the regular or Special Meeting or committee minutes shall be made not later than the next meeting after the meeting to which the minutes refer. The corrected minutes shall show both the original entry and the correction.

15.3 Delivery to Members

The **Corporate** Secretary shall provide each Member of the Board with a copy of the regular or Special Meeting minutes as soon as they are filed with the City Clerk. Corrected minutes shall be available no later than the next subsequent meeting after correction.

15.4 Public Inspection

Proposed minutes will be available for public inspection not more than eight (8) business days after the meeting to which the minutes refer. Approved minutes will be available for public inspection not later than five (5) business days after the meeting at which the minutes are approved. Copies of the minutes will be made available to the public at a reasonable estimated cost for printing or copying. (1976 Public Act 267).

16. CONFIDENTIALITY

16.1 Communications

Members of the Board shall treat all information marked “confidential” or “privileged” accordingly and shall not release such information to unauthorized individuals, unless disclosure is required by law. All such information shall be returned to the **Corporate** Secretary.

16.2 Closed Session

All written and verbal information obtained and/or discussed in Closed Session shall be confidential and never discussed or shared outside of Closed Session, unless otherwise specified by law.

17. CONTRACT LIMITATIONS

The Board shall not have the power to make any contract with or give any official position to any person who is known to be in default to the City.

18. AMENDMENTS

Any Voting Member of the Board may initiate amendments to the Rules of ~~Administrative~~ Procedure by presenting them in writing at any regular meeting. All Members of the Board must be notified of such amendments. **The amendments must be mailed-submitted** at least four (4) days before the amendment is to be voted upon. An affirmative **vote from** a majority of ~~the~~ Voting Members serving shall be required to amend the ~~Rules of p~~Procedure, after which the proposed revisions shall be forwarded to the City in compliance with **Lansing City** Charter, Section 5-105.8.

19. MISCELLANEOUS

19.1 Parliamentary Procedure

All questions of procedure not covered by these ~~Rules of Procedure~~ or the **Lansing** City Charter ~~of the City of Lansing~~ shall be governed by the

provisions in "*Robert's Rules of Order.*"

19.2 News Media Regulations

19.2.1 Members of the news media shall be provided with a table in the Board Room for their use. They shall have made available to them, upon request, a copy of the General Manager's Recommendations and any data accompanying the recommendations not marked "*Confidential*" ~~at~~ **by** 10:00 a.m. one (1) working day prior to the date of the meeting.

19.2.2 Following the adjournment of a Board meeting, members of the news media may request interviews of Members of the Board.

19.2.3 All policy statements shall be made on behalf of the Board by the Chairperson. See **4.23**.

19.3 Vacancy, Resignation, Absence of Elected Officers

19.3.1 In the event the office of Chairperson shall become vacant by death, resignation or otherwise, the Vice Chairperson shall assume the office of Chairperson, and the most immediate Past Chairperson shall assume the office of Vice Chairperson.

19.3.2 In the absence of the Chairperson, Vice Chairperson and Past Chairperson, a Temporary Chairperson shall be elected, who would hold office during the session, until the return or election of the Chairperson, Vice Chairperson or Past Chairperson.

19.4 Freedom of Information Act

It shall be the policy of this Board to follow the provisions of Public Act 442, of 1976, as it may be amended by legislative enactment or judicial decision.

19.5 Resolutions

Any Voting Member of the Board may sponsor a resolution. Any resolution may be co-sponsored by other Voting Members of the Board. A resolution must be submitted for placement on the Agenda as specified under ~~Section Article X 10~~ - Agenda **For Regular Meetings**. The sponsor of a resolution may withdraw the resolution at any time prior to enactment. Consent **to withdraw from** ~~of the co-sponsors to withdraw~~ is not required.

19.6 Hiring Consultants

The Board of Commissioners may hire external consultants, such as accountants, but not outside legal counsel. The full Board will meet before a consultant is hired to determine the scope of the issues to be addressed by the consultant, the consultant's budget, and the scope of contact with the Board. One Board Member may be authorized as the primary contact with the consultant. If time constraints preclude a meeting of the full Board to discuss hiring the consultant, the Executive Committee may meet to approve the initial contact with the consultant, but may not authorize an expenditure of more than **one thousand dollars** (\$1,000) to a consultant without the approval of the full Board. The consultant's work product shall be written and shall be immediately transmitted to all Board Members upon completion of the requested work. All payments to consultants hired by the Board shall be deducted from the Board's budget. Board funds may not be expended to address an issue only applicable to one Member.

In general, all outside legal counsel must be hired by in-house counsel and in accordance with the Lansing City Charter. However, if a majority of Voting Members of the Board present at a regular or Special Board Meeting, as expressed by a vote of the Members, believe that there could be a conflict of interest between the Board and Management of the BWL, the in-house counsel shall be recused. The Board shall then request the Lansing City Attorney and/or the City Attorney's Deputies, not including the BWL's in-house counsel, to hire outside legal counsel.

19.7 Reimbursement of Board Member Expenses

19.7.1 Board Member Travel Expenses: The Board recognizes the value of membership and attendance at conferences, workshops, and ~~meetings~~ **seminars** at the state, regional, and national levels that are appropriate and ~~necessary~~ **useful** to ~~carry out Board of Water and Light business~~ **fulfill the Board's role**. ~~As such, the Board~~ **therefore** encourages:

1. The attendance of its Members in at least one out-of-state and one in-state conference, **workshop, or** seminar per year.
2. Each newly appointed Member of the Board is encouraged to attend a formal workshop on governance as offered by the American Public Power Association.

Additional travel must be pre-approved by the ~~Executive Committee~~ **Board**.

Travel expenses shall be reimbursed in accordance with the ~~Board~~ **BWL's Travel Expense & Reimbursement Policy**.

19.7.2 Board Member Miscellaneous Expenses: Members of the Board may incur additional business expenses while representing the ~~Board of~~

~~Water and Light~~ **BWL** in the community. Business expenses such as cell phone, business luncheons, and parking are such examples of legitimate business expenses. Upon filing a claim in the prescribed form, each Member of the Board shall be reimbursed for reasonable and necessary expenses incurred in the discharge of the Board Member's official duties, in accordance with the ~~Board~~ **BWL's Travel & Expense Reimbursement Policy and petty cash fund guidelines.**

The Executive Committee shall review Member expenses on a quarterly basis.

19.8 Definitions

As used herein, the following terms mean:

Member: Any member of the Board, including Voting Members and Non-voting Members.

Voting Member: Any Member of the Board appointed pursuant to Lansing City Charter, Section 5-103.2

Non-voting Member: Any Member of the Board appointed pursuant to Lansing City Charter, Section 5-103.12.

Adopted by the Board 5/8/79, and amended 8/14/79, 11/14/79, 3/11/80, 11/11/80, 7/14/81, 8/11/81, 7/13/82, 7/26/83, 6/26/84, 3/5/85, 12/18/90, 1/5/91, 3/3/08, and 5/26/15, and 9/27/22.

Friendly Amendment for Grammatical Corrections

1. COW version Page 1: Edit to the heading (see pg. 1 of clean copy).
From “BWL Commission” to “BWL Board of Commissioners”
2. COW version Page 3: Please note that there is an unusual horizontal line above the letter "v" in the word "serving" in item 3.1. (see pg. 2 of clean copy).
3. COW version Page 6: Added the word "of" in section 9.1.1 (see pg. 5 of clean copy).
From “Board Commissioners” to “Board of Commissioners”

BOARD OF WATER & LIGHT OF THE CITY OF LANSING, MICHIGAN
RULES OF PROCEDURE
APPROVED BY BWL BOARD OF COMMISSIONERS: SEPTEMBER 27, 2022
CITY COUNCIL EFFECTIVE: _____, 2022

1. MEETINGS

1.1 Regular Meetings

1.1.1 The Lansing Board of Water & Light (BWL) Board of Commissioners (Board) shall hold regular bi-monthly meetings on the fourth Tuesday of the month at the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910 or at such other place, as the Board shall determine, unless a regular meeting is rescheduled as provided herein.

1.1.2 A schedule of dates, places and times for each regular bi-monthly meeting to be held in the next calendar year shall be adopted by the Board in November of the preceding year.

1.2 Special Meetings

1.2.1 Special Meetings of the Board shall be called by the General Manager or Corporate Secretary upon request of the Chairperson of the Board or upon request of any four (4) Voting Members.

1.2.2 Members of the Board shall have at least eighteen (18) hours written notice of a Special Meeting designating the time and purpose of such meeting. The notice shall be provided to each Member of the Board by the Corporate Secretary or someone designated by the Corporate Secretary. Acknowledgement of notice is required from each member of the Board and may be in the form of an electronic communication (i.e., email).

1.3 Rescheduled Meetings

1.3.1 The Chairperson may reschedule any regular or Special Meeting.

1.3.2 Notice of any rescheduled meeting shall be given pursuant to Section 1.2.2 and Section 2.2.

1.4 Conflicting Times

The schedule of regular Board and Special Meetings shall not conflict with regular meetings of the Lansing City Council.

1.5 Committee of the Whole Meetings

1.5.1 The Board may convene as a Committee of the Whole upon call by the Vice Chairperson or any four (4) Voting Members of the Board.

1.5.2 Notice shall be provided in accordance with Section 1.2 and State law.

1.5.3 The Committee of the Whole shall report its recommendations, if any, for consideration by the Board at a regular or Special Meeting.

1.6 Closed Meetings

1.6.1 Meetings that are closed to the public may be closed to the public only for those purposes permitted under the Michigan Open Meetings Act, as amended.

1.6.2 A Non-voting Member shall participate in a closed session meeting unless the subject of the closed meeting poses a conflict of interest to the Non-voting member or the municipality the Non-voting member represents. If a question is raised under this section at any Board meeting prior to going into closed session, such question shall be resolved by a majority vote of those Voting Members present and qualified to vote.

2. NOTICE OF MEETINGS

2.1 Publication of Dates

A notice listing the dates of the regular Board meetings shall be published annually in a newspaper of general circulation in Ingham County, Michigan at least three (3) days prior to the time of the regularly scheduled meeting in January.

2.2 Posting Notice

Notice of all meetings of the Board shall be posted in accordance with state law.

2.3 Designated Person

The Corporate Secretary shall be responsible for posting notices.

3. QUORUM FOR A REGULAR OR SPECIAL MEETING

3.1 Number Required

The presence of five (5) Voting Members of the Board or the majority of Voting Members of the Board serving shall constitute a quorum for the transaction of business at all regular and Special Meetings.

3.2 Lack of Quorum

In the absence of a quorum, those present may adjourn any meeting or hearing to a later date or choose to hold the meeting to discuss matters on the agenda. However, no action taken in the absence of a quorum shall be valid or effective unless and until ratified and confirmed at a subsequent regular or Special Meeting at which a quorum is present and at which five (5) affirmative votes or the majority of Voting Members of the Board serving are given for ratification.

4. OFFICIAL ACTION AT REGULAR OR SPECIAL MEETINGS

4.1 Official Action

The concurring vote of the majority of all Voting Members of the Board serving shall be necessary for all official action and such vote may only take place at regular or Special Meetings of the Board on the following items:

- a. Adopting the annual fiscal year budget and any amendments thereto.
- b. Adopting rates for furnishing electric, water, and steam service.
- c. Appointment or removal of the Director, Internal Auditor, and Corporate Secretary.
- d. Purchase and sale of real property.
- e. Sale or exchange of facilities as set forth in 5-207 of the Lansing City Charter.
- f. Providing compensation, benefits, conditions of employment, and retirement plans.
- g. Removal of a Member from service as an officer, except at the expiration of the officer's term.

Except as may be required by law or by Section 10.3, all other matters considered by the Board shall require the affirmative vote of a majority of Voting Members present at a regular or Special Meeting.

4.2 Resolutions

The Board speaks through resolutions. A Member of the Board may only speak on the Board's behalf in accordance with its resolutions. *See 19.2.3.*

5. VOTING

5.1 Roll Call Vote

5.1.1 A 2/3 roll call vote shall be required for holding a closed session as specified by the Open Meetings Act.

5.1.2 All Voting Members shall be required to participate in a vote to go into closed session as required by the Open Meetings Act.

5.2 Unanimous Consent

If there is no objection to the proposed action, the action may be taken by unanimous consent, except actions required by roll call vote pursuant to these Rules of Procedure, Lansing City Charter, or the laws of the State of Michigan.

5.3 Conflict of Interest

If a Board Member has a conflict of interest on an issue before the Board, he or she shall reveal the conflict, and shall recuse themselves from all discussions, deliberations and decisions related to the issue with any other Board Member or BWL staff. In no event will a Member of the Board vote on any issue upon which that Member has a conflict of interest or a financial interest other than as a citizen. If a conflict of interest is raised at any Board meeting, such issue shall be determined by a majority vote of the Voting Members present before the main issue shall be voted on, but the Member of the Board affected shall not vote on such determination.

6. ANNUAL ORGANIZATION

The Board shall organize at its first regular meeting following July 1, or as soon thereafter as is reasonably convenient, by selecting one of its Voting Members as Chairperson and one of its Voting Members as Vice Chairperson, each of whom shall serve until the first regular meeting the following July or until a successor has been selected.

A Commissioner who serves as Chairperson or Vice Chairperson of the Board cannot serve as the Chairperson of a Standing Committee other than the Executive and Board Pension Fund Trustees Committees.

7. DUTIES OF OFFICERS

7.1 Chairperson

The Chairperson shall preside at all regular or Special Meetings of the Board as well as public hearings conducted by the Board. The Chairperson shall see that all orders and regulations are executed and complied with, see that all legal contracts with the BWL for or in the name of the City are performed, and shall perform such other duties as may be from time to time lawfully required of the Chairperson. The Chairperson shall also be an ex officio member of all committees of the Board, unless the Chairperson is an official member of a Committee. If the Chairperson is an official member of a Committee, she or he shall possess all voting privileges. It shall not be necessary for the Chairperson to relinquish the Chairperson position for the purpose of participating in debate or for the making of routine motions and resolutions.

7.2 Vice Chairperson

In the absence of the Chairperson, the Vice Chairperson shall perform all the duties and have all the powers of the Chairperson. The Vice Chairperson shall also preside over meetings of the Committee of the Whole.

7.3 Past Chairperson

The most recent past Chairperson of the Board who is not currently serving as Chairperson or Vice Chairperson of the Board shall be designated "Past Chairperson." If no Past Chairperson is serving on the Board, the Voting Members of the Board shall select a Voting Member to assume the duties of the Past Chairperson as set forth in these Rules of Procedure. The Past Chairperson shall assume the duties of the Chairperson when neither the Chairperson nor the Vice Chairperson are present.

8. CHARTER POSITIONS

8.1 Director, Corporate Secretary and Internal Auditor

The Voting Members of the Board shall, at its first regular meeting following July 1 of each year, or as soon as practicable thereafter, appoint a Director, an Internal Auditor and a Corporate Secretary. The Director shall also be known as the General Manager and shall be the highest executive officer of the BWL. The Internal Auditor shall also be known as the Director of Internal Audit. These positions shall be contract positions, shall report directly to the Board of Commissioners, and shall serve at the pleasure of the Board of Commissioners.

8.2 Contract Reviews

Unless otherwise determined by the Board of Commissioners, contract reviews for the Charter Position employees shall commence no later than sixty (60) days prior to the end of the fiscal year and be completed no later than the start of the next fiscal year.

8.3 Exit Interviews

Unless otherwise determined by the Board of Commissioners, an exit interview shall be offered by the Chairperson of the Human Resources Committee in accordance with the Board of Water & Light exit interview procedure two weeks prior to the departure or retirement of a Charter Position.

9. COMMITTEES

9.1 Committees

9.1.1 In order to carry out its policymaking obligations, the Board of Commissioners shall meet as often as needed, as one or more standing committees or Ad Hoc committees, in the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910 or at such other place, as the

Board shall determine. Notice of these meetings shall be provided in accordance with the Lansing City Charter and state law.

- 9.1.2 Committees shall have no authority to exercise the collective powers and duties of the Board of Commissioners except as expressly authorized by an adopted resolution of the Board of Commissioners.

9.2 Standing Committees

The following standing committees shall be appointed by the Chairperson based upon the request of the appointed Commissioner as provided in 9.4: Finance, Human Resources, Nominating, and Executive.

- 9.2.1 The Finance Committee shall have responsibility for financial performance measures and audits, capital expenditures and returns, bond indebtedness and credit rating, annual Operations & Maintenance budget, rate review, and the investment policies of the retirement plans.

- 9.2.2 The Human Resources Committee shall have responsibility for non-bargaining salary adjustments, employee survey results, labor relations, performance appraisal review for Board-appointed positions, Board staff appointments, salary, wages, and employee benefits.

- 9.2.3 The Nominating Committee shall, at its first regular meeting following July 1 of each year, nominate a slate of officers and shall endeavor to rotate officers of the Board annually, pursuant to Section 6. Annual Organization.

- 9.2.4 The Executive Committee shall, during the intervals between the Board of Commissioners' meetings, assist in the development of the BWL's position on major issues and recommend the position to the Board for consideration and action. The Executive Committee shall consider and act upon such other activities as directed or referred to it by the Board or as otherwise specified in these Rules of Procedure.

9.3 Ad Hoc Committees

Ad Hoc committees shall convene whenever the need arises to address an issue or topic that would not appropriately fall within any of the other standing committees and would not require the attention of the Committee of the Whole.

9.4 Appointment of Standing and Ad Hoc Committees

The Chairperson shall appoint Members to the standing committees and such other Ad Hoc committees as the Board may establish. The first Voting Member named on each committee shall be the Chairperson of the committee.

Standing Committees: All standing committees, except the Executive Committee,

shall have four (4) regular Voting Members and two (2) alternate Voting Members who shall serve in the absence of regular Voting Member(s). The Executive Committee shall have four (4) Voting Members, including the Chairperson, Vice Chairperson and Past Chairperson and one (1) Member elected by the Voting Members, whose term shall be concurrent with the terms of the Officers. The Chairperson may appoint additional Non-voting Members to any committee.

The Nominating Committee shall not consist of any Member who intends to run for an officer position.

Ad Hoc Committees: The Chairperson shall appoint Members of any Ad Hoc committee. An Ad Hoc committee may have any number of Members.

9.5 Sub-Committees Authorized

The Executive Committee shall establish sub-committees as deemed necessary.

9.6 Quorum for Committee Meetings

A quorum for a Standing or Ad Hoc committee shall be three (3) Voting Members of the committee.

9.7 Committee Meetings

Standing or Ad Hoc committee meetings may be called by the General Manager or Corporate Secretary on the request of the Chairperson of the Board, Chairperson of a committee or any two (2) Voting Members on the committee.

9.8 Committee Reports

Each Standing or Ad Hoc committee shall report its recommendation, if any, for consideration by the Board at a regular or Special Meeting.

Upon adoption of a motion to accept (or approve) a committee report, the recommendation of the committee becomes the action of the Board; provided, however, if any resolutions are necessary to carry out the report, they shall be enacted separately pursuant to Section 19.5.

9.9 Committee Resolutions

Committee reports recommending action by the Board shall contain the necessary resolutions or motions to accomplish the action.

10. AGENDA FOR REGULAR MEETINGS

10.1 Order of Business

10.1.1 The order of business at any regular meeting of the Board shall be as follows:

1. Roll Call
2. Approval of Minutes
3. Public Comments on agenda items (limited to three (3) minutes unless waived at the discretion of the Chairperson)
4. Communications
5. Committee Reports
6. General Manager's Recommendations
7. Unfinished Business
8. New Business
9. Resolutions
10. Manager's Remarks
11. Remarks by Members of the Board.
12. Motion of Excused Absence
13. Public Comments on BWL-related matters (limited to three (3) minutes unless waived at the discretion of the Chairperson)
14. Adjournment

10.1.2 In the absence of any objection, the presiding officer shall have the discretion to vary the order of business.

10.2 Preparation of Agenda

An agenda shall be prepared by the Board Chairperson with the assistance of the Corporate Secretary, in consultation with the Committee Chairperson and the General Manager and made available for distribution three (3) days preceding regular meetings and at least eighteen (18) hours prior to a Special Meeting.

10.3 Changes to the Agenda

In the absence of any objection, the General Manager or any Voting Member of the Board may add or subtract an agenda item at a meeting. In the event of an objection, an affirmative vote of the majority of the Voting Members of the Board shall be required to add or subtract an agenda item.

10.4 Public Comments

The time limits of Sections 10.1.1.3 and 10.1.1.13 apply to all Public Comments.

Immediately following Approval of Minutes, the Chairperson will announce that members of the public are invited to address the Board regarding any item on the agenda. Anyone wishing to comment on any matter not on the agenda may do so immediately prior to adjournment. The Chairperson may exercise its discretion in prescribing how members of the public will seek recognition, or extending time limits for comments under the circumstances, or in limiting remarks to the subject matter under discussion as provided in Sections 10.1.1.3 and 10.1.1.13.

10.5 Reports and Recommendations of General Manager

The General Manager shall advise the Board of Reports and Recommendations to be considered at each regular meeting.

11. AGENDA FOR COMMITTEE MEETINGS

11.1 Order of Business

11.1.1 The order of business at any committee meeting of the Board shall be as follows:

1. Roll Call
2. Public comment on agenda items (limited to three (3) minutes unless waived at the discretion of the Chairperson)
3. Agenda Topics
4. Other
5. Adjourn

11.1.2 A concurring vote of a majority of Voting Members on the committee present shall be necessary to move a recommendation to the Board.

12. PUBLIC HEARINGS

12.1 Date

The Board shall hold a public hearing at least thirty (30) days before the effective date of any changes in rate structure. The Board shall comply with the requirements of Lansing City Charter, Section 5-205.2 for public hearings regarding changes in the rate structure. The Board may also choose to hold a public hearing on other topics as necessary or appropriate.

12.2 Location

Although the Board will generally hold its public hearings in the REO Depot, 1201 S. Washington Ave., Lansing, Michigan 48910, the Board may conduct public hearings at such places that it determines will best serve the public interest.

12.3 Notice

Notice of the hearing will be placed in at least one (1) newspaper of general circulation in the Lansing, Michigan area, no less than fourteen (14) days before the public hearing. The notice shall state the date, time, place and subject of the hearing. Notice shall also be posted electronically on the BWL's website.

12.4 Quorum

A quorum of the Board shall be necessary to conduct a public hearing.

12.5 Ex Parte Communications

No Member shall engage in ex parte conversations about the topics of the public hearing, either before or after the hearing, until the full Board takes action on the topic.

12.6 Open Meetings

Public hearings shall be open to the public, in accordance with the Open Meetings Act.

12.7 Public Comment

Individuals and organizations are invited to comment on the topic of the public hearing, either orally or in writing. Written comments should be addressed to the Corporate Secretary and should be presented on or before the date of the hearing. Oral comments shall be presented at the public hearing. The Chairperson may set reasonable limits on the length of oral presentations. Comments or conduct that disrupt the orderly conduct of meetings or hearings shall not be permitted.

12.8 Transcript

A transcript or recording of the hearing shall be permanently maintained unless otherwise set forth in the BWL's approved Record Retention and Disposal Schedule.

12.9 Public Hearing on Rates

In the case of a rate hearing, the Board may hold a separate meeting or meetings after the rate hearing to discuss the proposed changes to the rate structure and vote on the proposed changes. If the Board's discussions after the rate hearing indicate that it intends to raise any customer's rate higher than proposed during the public hearing, the Board shall hold an additional public hearing on the proposed higher rate in accordance with this section before voting on the rates. The Board is not required to hold any additional hearings in order to approve a rate lower than the rate proposed at the public hearing.

12.10 Resolution Action

If the Board acts on the topic discussed at the public hearing, it shall do so at a public meeting and shall approve a written resolution describing its action.

13. MEMBERS OF THE BOARD

13.1 Attendance

Each Member of the Board shall attend all meetings of the Board in person unless otherwise excused. Each Member must attend at least fifty (50) percent of regular or Special Meetings of the Board and fifty (50) percent of assigned committee meetings during any fiscal year. Failure to do so may be grounds for removal by the City from the office as a Member of the Board.

13.2 Disqualification to Vote

Any Voting Member of the Board having a direct or indirect financial interest in any matter before the Board, or who may stand to gain or lose financially or otherwise due to action of the Board on any matter, shall indicate such interest to the Board and may be disqualified from voting on such matter as set forth in the Lansing City Charter.

13.3 Ethics

All Board Members are subject to Article 5, Chapter 5 of the Lansing City Charter (Ethics) and the City of Lansing Ethics Ordinance.

14. RECONSIDERATION OF ACTION

Any Voting Member may move to reconsider a previous action of the Board. Such motion to reconsider shall be made no later than the next regular Board meeting.

15. MINUTES

15.1 Preparation and Filing

The Corporate Secretary shall keep minutes of regular and Special Meetings of the Board and committees and shall file a copy of the Board minutes in the office of the City Clerk as a public record. No official action taken by the Board shall be valid or effective until a copy of the minutes of the meeting at which such action was taken is filed with the City Clerk.

15.2 Corrections

Corrections in the regular or Special Meeting or committee minutes shall be made not later than the next meeting after the meeting to which the minutes refer. The corrected minutes shall show both the original entry and the correction.

15.3 Delivery to Members

The Corporate Secretary shall provide each Member of the Board with a copy of

the regular or Special Meeting minutes as soon as they are filed with the City Clerk. Corrected minutes shall be available no later than the next subsequent meeting after correction.

15.4 Public Inspection

Proposed minutes will be available for public inspection not more than eight (8) business days after the meeting to which the minutes refer.

Approved minutes will be available for public inspection not later than five (5) business days after the meeting at which the minutes are approved. Copies of the minutes will be made available to the public at a reasonable estimated cost for printing or copying. (1976 Public Act 267).

16. CONFIDENTIALITY

16.1 Communications

Members of the Board shall treat all information marked “confidential” or “privileged” accordingly and shall not release such information to unauthorized individuals, unless disclosure is required by law. All such information shall be returned to the Corporate Secretary.

16.2 Closed Session

All written and verbal information obtained and/or discussed in Closed Session shall be confidential and never discussed or shared outside of Closed Session, unless otherwise specified by law.

17. CONTRACT LIMITATIONS

The Board shall not have the power to make any contract with or give any official position to any person who is known to be in default to the City.

18. AMENDMENTS

Any Voting Member of the Board may initiate amendments to the Rules of Procedure by presenting them in writing at any regular meeting. All Members of the Board must be notified of such amendments. The amendments must be submitted at least four (4) days before the amendment is to be voted upon. An affirmative vote from a majority of the Voting Members serving shall be required to amend the Rules of Procedure, after which the proposed revisions shall be forwarded to the City in compliance with Lansing City Charter, Section 5-105.8.

19. MISCELLANEOUS

19.1 Parliamentary Procedure

All questions of procedure not covered by these Rules of Procedure or the

Lansing City Charter shall be governed by the provisions in “*Robert’s Rules of Order.*”

19.2 News Media Regulations

19.2.1 Members of the news media shall be provided with a table in the Board Room for their use. They shall have made available to them, upon request, a copy of the General Manager's Recommendations and any data accompanying the recommendations not marked “*Confidential*” by 10:00 a.m. one (1) working day prior to the date of the meeting.

19.2.2 Following the adjournment of a Board meeting, members of the news media may request interviews of Members of the Board.

19.2.3 All policy statements shall be made on behalf of the Board by the Chairperson. *See 4.2.*

19.3 Vacancy, Resignation, Absence of Elected Officers

19.3.1 In the event the office of Chairperson shall become vacant by death, resignation or otherwise, the Vice Chairperson shall assume the office of Chairperson, and the most immediate Past Chairperson shall assume the office of Vice Chairperson.

19.3.2 In the absence of the Chairperson, Vice Chairperson and Past Chairperson, a Temporary Chairperson shall be elected, who would hold office during the session, until the return or election of the Chairperson, Vice Chairperson or Past Chairperson.

19.4 Freedom of Information Act

It shall be the policy of this Board to follow the provisions of Public Act 442 of 1976, as it may be amended by legislative enactment or judicial decision.

19.5 Resolutions

Any Voting Member of the Board may sponsor a resolution. Any resolution may be co-sponsored by other Voting Members of the Board. A resolution must be submitted for placement on the Agenda as specified under Section 10 – Agenda For Regular Meetings. The sponsor of a resolution may withdraw the resolution at any time prior to enactment. Consent to withdraw from the co-sponsors is not required.

19.6 Hiring Consultants

The Board of Commissioners may hire external consultants, such as accountants, but not outside legal counsel. The full Board will meet before a consultant is hired to determine the scope of the issues to be addressed by the consultant, the consultant’s budget, and the scope of contact with the Board. One Board Member may be authorized as the primary contact with the consultant. If time constraints

preclude a meeting of the full Board to discuss hiring the consultant, the Executive Committee may meet to approve the initial contact with the consultant, but may not authorize an expenditure of more than one thousand dollars (\$1,000) to a consultant without the approval of the full Board. The consultant's work product shall be written and shall be immediately transmitted to all Board Members upon completion of the requested work. All payments to consultants hired by the Board shall be deducted from the Board's budget. Board funds may not be expended to address an issue only applicable to one Member.

In general, all outside legal counsel must be hired by in-house counsel and in accordance with the Lansing City Charter. However, if a majority of Voting Members of the Board present at a regular or Special Board Meeting, as expressed by a vote of the Members, believe that there could be a conflict of interest between the Board and Management of the BWL, the in-house counsel shall be recused. The Board shall then request the Lansing City Attorney and/or the City Attorney's Deputies, not including the BWL's in-house counsel, to hire outside legal counsel.

19.7 Reimbursement of Board Member Expenses

19.7.1 Board Member Travel Expenses: The Board recognizes the value of membership and attendance at conferences, workshops, and seminars at state, regional, and national levels that are appropriate and useful to fulfill the Board's role. The Board therefore encourages:

1. The attendance of its Members in at least one out-of-state and one in-state conference, workshop, or seminar per year.
2. Each newly appointed Member of the Board is encouraged to attend a formal workshop on governance as offered by the American Public Power Association.

Additional travel must be pre-approved by the Board.

Travel expenses shall be reimbursed in accordance with the BWL's Travel & Reimbursement Policy.

19.7.2 Board Member Miscellaneous Expenses: Members of the Board may incur additional business expenses while representing the BWL in the community. Business expenses such as cell phone, business luncheons, and parking are such examples of legitimate business expenses. Upon filing a claim in the prescribed form, each Member of the Board shall be reimbursed for reasonable and necessary expenses incurred in the discharge of the Board Member's official duties, in accordance with the BWL's Travel & Reimbursement Policy and petty cash fund guidelines.

The Executive Committee shall review Member expenses on a quarterly basis.

19.8 Definitions

As used herein, the following terms mean:

Member: Any member of the Board, including Voting Members and Non- voting Members.

Voting Member: Any Member of the Board appointed pursuant to Lansing City Charter, Section 5-103.2

Non-voting Member: Any Member of the Board appointed pursuant to Lansing City Charter, Section 5-103.12.

Adopted by the Board 5/8/79, and amended 8/14/79, 11/14/79, 3/11/80, 11/11/80, 7/14/81, 8/11/81, 7/13/82, 7/26/83, 6/26/84, 3/5/85, 12/18/90, 1/5/91, 3/3/08, 5/26/15, and 9/27/22.

Proposed Resolution
Rules of Procedure Amendment

WHEREAS, pursuant to Section 5-105 of the Lansing City Charter the BWL's Board of Commissioners developed and adopted Administrative Rules of Procedure, which have been approved by Lansing City Council from time to time, which Rules establish how the Board conducts business to fulfill its governance and policymaking responsibilities for the operation of the BWL; and

WHEREAS, the Board last updated their Rules of Procedure with technical changes to provide clarity, as well as several substantive amendments, on March 22, 2022 and thereafter submitted them to City Council for approval; and

WHEREAS, following a July 25, 2022 City Council Committee of the Whole meeting, the City Council President sent a July 28, 2022 letter requesting the BWL Board of Commissioners to consider further adjustments to the proposed Rules; and

WHEREAS, the Board considered amendments to its Rules at its Committee of the Whole meeting on September 13, 2022, and approved the amendments at its regular Board meeting on September 27, 2022.

NOW, THEREFORE, BE IT RESOLVED, the Rules of Procedure are amended as set forth in Attachment A and the Corporate Secretary may now submit the revised Rules to the Lansing City Clerk and the City Council.

Motion to approve the Resolution by Commissioner _____, Seconded by Commissioner _____ at a Board meeting held on September 27, 2022.

Proposed Resolution
PA 152 Health Care Premium Sharing

WHEREAS, Governor Rick Snyder, on September 27, 2011, signed legislation known as the “Public Funded Health Insurance Contribution Act”, Public Act 152 of 2011 (the “Act”) limiting the amount public employers may pay for government employee medical benefits, and;

WHEREAS, the Act took effect January 1, 2012 and applies to all public employers including the Lansing Board of Water & Light, and;

WHEREAS, the Act contains three options for complying with the requirements of the Act;

WHEREAS, the three options are as follows:

- 1) Section 3 - “Hard Caps” Option - limits a public employer’s total annual health care costs for employees based on coverage levels, as defined in the Act;
- 2) Section 4 - “80%/20%” Option - limits a public employer’s share of total annual health care costs to not more than 80%. This option requires an annual majority vote of the governing body;
- 3) Section 8 - “Exemption” Option - a local unit of government, as defined in the Act, may exempt itself from the requirements of the Act by an annual 2/3 vote of the governing body;

WHEREAS, the Board of Commissioners desires to maintain premium sharing at 20% for all active employees for medical benefits effective January 1, 2023 through December 31,2023;

RESOLVE that the Board of Commissioners by a majority vote has decided to adopt the 80%/20% option as its choice of compliance under the Act;

NOW, THEREFORE, BE IT RESOLVED the Board of Commissioners of the Lansing Board of Water & Light elects to comply with the requirements of 2011 Public Act 152, the Publicly Funded Health Insurance Contribution Act, by adopting the 80%/20% option for the medical benefit plan coverage year January 1, 2023 through December 31,2023.

Motion by Commissioner _____, **Seconded** by Commissioner _____, to approve the PA 152 Health Care Premium Sharing Resolution.

Roll Call Vote:

Yeas: Commissioners

Nays:

Action: Motion

Questions from Environmental Community
for Committee of the Whole Meeting September 13, 2022

1. Right now, BWL gets 11% of its annual energy mix from renewables (according to BWL data). <https://www.lbw.com/about-bwl/facilities>. The MI Healthy Climate plan calls for 50% of electricity to be produced without fossil fuels by 2030. This will require a big renewable build out by BWL in the next 7 years. What are the plans for BWL to meet this demand?

The key thing is to make sure that plans are made in terms of annual MWH production, not in terms of nameplate capacity. Also, because of seasonal variability of both demand and renewable supply, some careful planning to match renewables to demand (e.g. solar to meet summer peaks) is needed.

RESPONSE: Staff has begun our plan of issuing an all-source RFP for energy and capacity resources to replace Erickson and Belle River and meet our regional load growth. This includes meeting our 2020 IRP goal of 50% clean energy in 2030, which includes energy efficiency and renewable energy. The all-source RFP is expected to produce bids for additional renewable energy resources as well as energy efficiency and demand response programs that help reduce overall demand and save customers money.

2. What are BWL's plans or policies regarding distributed renewables, such as community and rooftop solar?
 - a- Given the dropping costs of solar, and the existing financial supports (e.g. through Michigan Saves and the Inflation Reduction Act), rooftop solar is now an option for any homeowner. How will that be supported by BWL?
 - b- What policies for community solar support does BWL have or plan to develop, particularly given how helpful community solar has proven to be for reducing utility bills for low-income residents, including renters? <https://www.energy.gov/communitysolar/community-solar-and-low-income-utility-allowances>

RESPONSE: Staff is reviewing its program for rooftop solar to ensure customers have the proper awareness and education of how these systems work. We have seen instances where BWL customers were sold overly expensive solar equipment and will not experience any financial benefit and are committed to continuing education for customers interested in installing solar to make sure it is of benefit to them as well as BWL. With declining costs and increased adoption levels, we want to ensure customers have the knowledge to make informed decisions regarding solar. We will review our incentives and evaluate our energy and capacity needs through the all-source RFP, which will include the opportunity for potential community solar programs and resources to bid into the process

3. Is it unlikely now that EPA would force an early shutdown of Erickson as mentioned in the letter from earlier this year?

RESPONSE: We cannot predict what the EPA might do but a final decision from the EPA would require that within 135 days of the order the BWL cease placing waste into the impoundments. Since the BWL will be closing the Erickson Station and ceasing all waste to the impoundments by the end of the year, the 135 day deadline would be met.

4. What is the status of the contract with the battery plant? Any update about providing energy from only renewable energy sources?

RESPONSE: The contract with Ultium Cells has not been finalized. The BWL will be glad to work with Ultium to renegotiate its electric service contract to provide for an all-renewable energy resource if Ultium expresses a desire to do so.

5. Why is no alternative water source needed when the EPA limits for children are exceeded?
6. **RESPONSE:** Based upon guidance from the Department of Health and Human Services, for those homes that exceed the boron limit for children, but no children live in the home, an alternate water source is not needed.
7. Does the fact that EPA limits for boron for children are exceeded indicate that the boron is not of background origin? How often in mid-Michigan do wells exceed this limit without contamination nearby?

RESPONSE: Boron levels above the EPA limit are not necessarily an indication that the boron is other than naturally occurring. Boron data collected over the years from private wells throughout the tri-county area show some levels above the limit for children (i.e., above 2 ppm) that are believed to be background levels.

Proposed Resolution
Commissioner Questions Pertaining to Environmental Matters

WHEREAS, the Board of Commissioners of the Lansing Board of Water & Light (BWL) desire to establish a process when they have received questions from the public or have their own questions pertaining to environmental matters at the BWL that they would like the General Manager or staff to have time to prepare for in advance of presenting responses at a Board or Committee meeting.

NOW THEREFORE BE IT RESOLVED, when Commissioners have received questions from the public or have their own questions pertaining to environmental matters at the BWL that they would like the General Manager or staff to have time to prepare for in advance of presenting responses at a Board or Committee meeting, the Commissioner(s) shall submit the question(s) directly to the General Manager and the Corporate Secretary. The questions should be submitted with sufficient time for review and analysis by the General Manager and sufficient time for the questions to be included in the meeting packet prepared by the Corporate Secretary so that they can be addressed under the "other" portion of the meeting agenda. This does not preclude Commissioners from asking any question they deem necessary or appropriate at a meeting but is instead intended to provide advance notice to all Commissioners of such questions that have been presented in advance of a meeting.

Motion by Commissioner _____, Seconded by Commissioner _____ to approve the Resolution for Commissioner Questions Pertaining to Environmental Matters at a Board meeting held on September ____, 2022.

Proposed Resolution
Fiscal Year 2022 Audited Financial Statements
of the Enterprise Fund and Pension Fiduciary Funds

RESOLVED, that the fiscal year 2022 Audited Financial Statements of the Board of Water and Light have been reviewed and are hereby accepted as presented.

FURTHER RESOLVED, that the Corporate Secretary is hereby directed to file a copy of the fiscal year 2022 Audited Financial Statements of the Board of Water and Light with the City of Lansing no later than October 2022.

Proposed Resolution
Internal Audit Plan for FY 2023

RESOLVED, That the Board of Commissioners hereby approves the Internal Audit Plan for FY 2023.

Proposed Resolution
2022 – 2023 Rate Increases for Electric, Water, Steam, and Chilled Water

WHEREAS, just and reasonable rates shall be established that enable the Lansing Board of Water & Light (BWL) to meet its mission of serving the Greater Lansing area by providing safe, reliable and affordable utility services; and

WHEREAS, BWL management has evaluated the rates for each utility relative to its mission, its Rate Making Principles and its financial plan and recommends the following changes to the rates for each utility:

I. Electric (Attachment A):

BWL management recommends an overall increase of 2.05%, comprised of varying individual rate class increases, to electric billings on November 1, 2022, and November 1, 2023; and

BWL management recommends the following specific changes to the electric rates:

- a) introduction of a Residential Off-Peak Savers Time-of-Use tariff;
- b) the closing of the Residential Senior Citizen Rate 21;
- c) a new rate structure of Small, Midsize, Large, and Extra Large commercial and industrial classes;
- d) additional rate offerings for commercial & industrial customers including Time-of-Use, Commercial Electric Vehicle Charging Station, High Load Factor, Market Based Economic Development and a Standby Rate for Dispatchable Generators; and
- e) new electric riders including the Low Income Energy Assistance Fund Surcharge established through Public Act 95 of 2013, Renewable Energy Distributed Generation Rider that replaces the Renewable Energy Net Metering Rider and the Rate Transition Credit Rider.

II. Water (Attachment B):

BWL management recommends an overall increase of 9.5%, comprised of varying individual rate class increases, to water billings on November 1, 2022, and November 1, 2023; and

BWL management also recommends the introduction of a tiered rate structure for Residential Water Service that provides a discounted first 2 CCFs (1,500 gallons) of water per month, and separate Residential and Commercial Lawn Sprinkling Water Service tariffs; and

BWL management also recommends the implementation of a Water Environmental Charge Rider to recover the costs and expenses incurred from environmental remediation and mitigation activities that are required as a matter of agreement, order, decree, or law.

III. Steam (Attachment C):

BWL management recommends a 9.95% increase in steam billings on November 1, 2022, and November 1, 2023; and

BWL management also recommends the removal of the Amine Treatment Adjustment from the General Steam Service Rate 1, Contract Steam Service Rate 3 and Residential Steam Service Rate 5 tariffs.

IV. Chilled Water (Attachment D):

BWL management recommends a 4.0% increase to chilled water billings on November 1, 2022, and November 1, 2023; and

BWL management also recommends the introduction of a Chilled Water Fuel Cost Adjustment Rider to recover the costs of fuel used in the production of chilled water.

WHEREAS, notice of the proposed rate increases was communicated to all customers by public notice on September 2, 2022, and a public hearing was held on September 20, 2022, to receive comments on the proposed increases; and

WHEREAS, the Board of Commissioners has considered the comments of the public as well as recommendations made by BWL management.

THEREFORE, it is:

RESOLVED, that the electric, water, steam, and chilled water rate schedules, detailed in Attachments A–D, be adopted and made effective for electric, water, steam, and chilled water utility services on November 1, 2022, and November 1, 2023.

Motion by Commissioner _____, Seconded by Commissioner _____, to adopt the 2022 – 2023 Rate Increases for Electric, Water, Steam and Chilled Water at a Board Meeting held on September 27, 2022.

Attachment A
Electric



**STANDARD RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RES1**

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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$19.75 Per month
Commodity Charge	
Summer Months of June through September	\$0.1295 Per kWh for the first 500 kWh \$0.1350 Per kWh for all kWh over 500 kWh
Winter Months of October through May	\$0.1295 Per kWh for the first 500 kWh \$0.1330 Per kWh for all kWh over 500 kWh

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**OFF-PEAK SAVERS RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RESTOU**

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.

Customer eligibility to participate will be at the BWL’s discretion and will be on a first come, first served basis. Participating customers may request to be enrolled beginning with the November 2022 Billing Month and once enrolled by the BWL will continue to be enrolled for at least twelve (12) months.

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.

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

	<u>11/1/2022</u>	
Basic Service Charge	\$22.00	Per month
Commodity Charge		
Off-Peak Summer	\$0.0899	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2712	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0921	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1532	Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 1:00PM to 8:00PM
- B) Off-Peak Hours: 8:00PM to 1:00PM

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**SEPARATELY METERED PLUG-IN ELECTRIC VEHICLE CHARGING RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RES22**

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.

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

	<u>11/1/2022</u>	
Basic Service Charge	\$4.75	Per month
Commodity Charge		
Off-Peak Summer	\$0.0895	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2457	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0895	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1385	Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 1:00PM to 8:00PM
- B) Off-Peak Hours: 8:00PM to 1:00PM

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**SENIOR CITIZEN RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RES21**

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

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

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

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

	<u>11/1/2022</u>
Basic Service Charge	\$15.00 Per month
Commodity Charge	
Block 1	\$0.0849 Per kWh for the first 300 kWh
Block 2	\$0.1730 Per kWh for all kWh over 300 kWh

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**ADVANCED METER OPT-OUT RESIDENTIAL ELECTRIC SERVICE
RATE CODE: OPTO**

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 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.

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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$19.75 Per month
Commodity Charge	
Summer Months of June through September	\$0.1295 Per kWh for the first 500 kWh \$0.1350 Per kWh for all kWh over 500 kWh
Winter Months of October through May	\$0.1295 Per kWh for the first 500 kWh \$0.1330 Per kWh for all kWh over 500 kWh

Opt-Out Fees - The fees for the advanced meter opt-out program are stated in the Rules and Regulations.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**ADVANCED METER OPT-OUT SENIOR CITIZEN RESIDENTIAL ELECTRIC SERVICE
RATE CODE: OPTOS**

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 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.

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

	<u>11/1/2022</u>	
Basic Service Charge	\$15.00	Per month
Commodity Charge		
Block 1	\$0.0849	Per kWh for the first 300 kWh
Block 2	\$0.1730	Per kWh for all kWh over 300 kWh

Opt-Out Fees - The fees for the advanced meter opt-out program are stated in the Rules and Regulations.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**STANDARD SMALL COMMERCIAL ELECTRIC SERVICE
RATE CODE: SC1**

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

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

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

	<u>11/1/2022</u>
Basic Service Charge	\$36.00 Per month
Commodity Charge	
Summer Months of June through September	\$0.1478 Per kWh for all kWh
Winter Months of October through May	\$0.1439 Per kWh for all kWh

Minimum Bill - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.

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

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

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

Metering - Where the BWL elects to measure the service on the primary side of the transformers, the metered kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**OFF-PEAK SAVERS SMALL COMMERCIAL ELECTRIC SERVICE
RATE CODE: SCTOU**

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

Customer eligibility to participate will be at the BWL's discretion and will be on a first come, first served basis. Participating customers may request to be enrolled beginning with the November 2022 Billing Month and once enrolled by the BWL will continue to be enrolled for at least twelve (12) months.

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

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

	<u>11/1/2022</u>	
Basic Service Charge	\$36.00	Per month
Commodity Charge		
Off-Peak Summer	\$0.1220	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2808	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.1242	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1733	Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**STANDARD MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MC1**

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 service or standby service. Effective November 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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$120.00 Per month
Capacity Charge	\$12.01 Per kW for all kW of Maximum Demand
Commodity Charge	
Summer Months of June through September	\$0.0952 Per kWh for all kWh
Winter Months of October through May	\$0.0913 Per kWh for all kWh
Power Factor Charge	See Power Factor section below

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 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.

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%

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**OFF-PEAK SAVERS MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MCTOU**

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 service or standby service. Effective November 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.

Customer eligibility to participate will be at the BWL’s discretion and will be on a first come, first served basis. Participating customers may request to be enrolled beginning with the November 2022 Billing Month and once enrolled by the BWL will continue to be enrolled for at least twelve (12) months.

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

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

	<u>11/1/2022</u>	
Basic Service Charge	\$120.00	Per month
Capacity Charge	\$14.16	Per kW for all kW of Maximum Demand
Commodity Charge		
Off-Peak Summer	\$0.0611	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2349	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0633	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1273	Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

Maximum Demand - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month, but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.

Metering - Where the BWL elects to measure the service on the 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.

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.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**ELECTRIC VEHICLE CHARGING STATION MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MCEV**

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 service or standby service. Effective November 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 BWL’s GreenWise Program.

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

	<u>11/1/2022</u>	
Basic Service Charge	\$120.00	Per month
Capacity Charge	\$2.57	Per kW for all kW of Maximum Demand
Commodity Charge		
Off-Peak Summer	\$0.0879	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2349	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0894	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1273	Per kWh for all On-Peak kWh between October 1 and May 31
Renewable Energy	\$0.0130	Per kWh for all kWh as of 11/1/2022 <i>Please see Voluntary Renewable Energy Rider for current pricing</i>
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 8:00PM
- B) 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.

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.

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%

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**HIGH LOAD FACTOR MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MCHLF**

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 service or standby service. Effective November 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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$120.00 Per month
Capacity Charge	\$27.00 Per kW for all kW of Maximum Demand
Commodity Charge	
Summer Months of June through September	\$0.0650 Per kWh for all kWh
Winter Months of October through May	\$0.0630 Per kWh for all kWh
Power Factor Charge	See Power Factor section below

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 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.

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%

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**STANDARD LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LC1**

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 service or standby service.

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

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

	<u>11/1/2022</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	
On-Peak Billing Demand	\$15.25 Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$6.52 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0659 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.0703 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0659 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.0679 Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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.

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

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

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**OFF-PEAK SAVERS LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LCTOU**

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 service or standby service.

Customer eligibility to participate will be at the BWL’s discretion and will be on a first come, first served basis. Participating customers may request to be enrolled beginning with the November 2022 Billing Month and once enrolled by the BWL will continue to be enrolled for at least twelve (12) months.

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

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

	<u>11/1/2022</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	\$13.29 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0574 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2312 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0596 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1236 Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

Maximum Demand - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.

Metering - Where the BWL elects to measure the service on the secondary side of the transformers, 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 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.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**ELECTRIC VEHICLE CHARGING STATION LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LCEV**

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 service or standby service.

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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	\$2.49 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0857 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2291 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0873 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1242 Per kWh for all On-Peak kWh between October 1 and May 31
Renewable Energy	\$0.0130 Per kWh for all kWh as of 11/1/2022 <i>Please see Voluntary Renewable Energy Rider for current pricing</i>
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 8:00PM
- B) 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.

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 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%

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**HIGH LOAD FACTOR LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LCHLF**

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 service or standby service.

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

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

	<u>11/1/2022</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	
On-Peak Billing Demand	\$31.48 Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$6.52 Per kW for all kW of Maximum Demand
Commodity Charge	
Summer Months of June through September	\$0.0404 Per kWh for all kWh
Winter Months of October through May	\$0.0380 Per kWh for all kWh
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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 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.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**STANDARD EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE
RATE CODE: XL1**

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 service or standby service.

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 (10) 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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$500.00 Per month
Capacity Charge	
On-Peak Billing Demand	\$17.00 Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$2.75 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0689 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.0745 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0689 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.0729 Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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 except as provided for in Multiple Premises Aggregation.

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 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 0.950	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%

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**HIGH LOAD FACTOR EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE
RATE CODE: XLHLF**

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 service or standby service.

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 (10) 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.

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

	<u>11/1/2022</u>	
Basic Service Charge	\$500.00	Per month
Capacity Charge		
On-Peak Billing Demand	\$31.48	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$6.52	Per kW for all kW of Maximum Demand
Commodity Charge		
Summer Months of June through September	\$0.0396	Per kWh for all kWh
Winter Months of October through May	\$0.0373	Per kWh for all kWh
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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 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 0.950	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%

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**MARKET BASED PRICING ECONOMIC DEVELOPMENT INDUSTRIAL ELECTRIC SERVICE
RATE CODE: EDM**

Availability - This rate is available to any Lansing Board of Water & Light (“BWL”) customer with 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 service.

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 (15) 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 (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.

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

<u>Billing Determinant</u>	<u>Description</u>	<u>Example</u>
Power Supply Capacity Charge	MISO Zone-7 Planning Resource Auction clearing price for all kW of On-Peak Billing Demand	<i>\$51,400 / MW-yr @ 90% LF = \$6.52/MWh</i>
Power Supply Transmission Charge	METC Joint Zone Rates for Schedules 1, 2, 7, 26, and 33 for all kW of On-Peak Billing Demand	<i>\$75,000 / MW-yr @ 90% LF = \$9.51/MWh</i>
Energy Charge	MISO Real Time Locational Marginal Price (LMP) for the CONS.LANS node for all kWh	<i>\$30.00 / MWh</i>
System Contribution Charge	10% of total charges from above pricing components	<i>\$46.03 x 10% = \$4.60 / MWh</i>
		<i>Total = \$50.63 / MWh or 5.06 cents / kWh</i>
Incremental Transmission & Distribution Facilities Charge	Per service contract terms for the incremental transmission & distribution facilities provided by BWL	
Power Factor Charge	See Power Factor section below	

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 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.

- A) On-Peak Hours: 7:00AM to 11:00PM
- B) Off-Peak Hours: 11:00PM to 7:00AM

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.

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.

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.

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 6 consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

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.

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.

Resale of Electric Power – This rate is not eligible for resale of electric power as provided for in the Rules and Regulations.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**HIGH LOAD FACTOR ECONOMIC DEVELOPMENT INDUSTRIAL ELECTRIC SERVICE
RATE CODE: EDHLF**

Availability - This rate is available to any Lansing Board of Water & Light (“BWL”) customer with 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 service.

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 (15) 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 (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.

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

	<u>11/1/2022</u>	
Basic Service Charge	\$5,000.00	Per month
Capacity Charge		
On-Peak Billing Demand	\$6.75	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$5.25	Per kW for all kW of Maximum Demand
Commodity Charge	\$0.0417	Per kWh for all kWh
Incremental Transmission & Distribution Facilities Charge		Per service contract terms for the incremental transmission & distribution facilities provided by the BWL
Power Factor Charge		See Power Factor section below

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 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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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 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 0.950	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%

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.

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.

Resale of Electric Power – This rate is not eligible for resale of electric power as provided for in the Rules and Regulations.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**STANDARD STREET LIGHTING ELECTRIC SERVICE
RATE CODE: SL1**

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.

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

	11/1/2022
High Pressure Sodium Luminaire¹	
70 W	\$10.00
100 W	\$11.00
150 W	\$13.00
250 W	\$16.00
400 W	\$20.00
1000 W	\$41.50
Mercury Vapor Luminaire²	
100 W	\$10.50
175 W	\$12.50
250 W	\$15.00
400 W	\$19.00
1000 W	\$36.50
Metal Halide Luminaire¹	
175 W ²	\$22.00
250 W ²	\$25.50
400 W	\$25.50
1000 W	\$49.50
1500 W	\$76.00
Induction Luminaire¹	
85 W	\$10.50
165 W	\$12.50
LED Decorative Luminaire	
1-19 W	\$13.00
20-39 W	\$13.50
40-59 W	\$14.50
60-79 W	\$15.00
80-99 W	\$15.50

¹ Rates apply to existing luminaires and are subject to cost and availability for new business.

² Rates apply to existing luminaires only and are not open to new business.

100-119 W	\$16.50
120-139 W	\$17.00
140-159 W	\$17.50
160-179 W	\$18.00
180-199 W	\$19.00
200-219 W	\$19.50
220-239 W	\$20.00
240-259 W	\$20.50
260-279 W	\$21.00
280-299 W	\$22.00
300-319 W	\$22.50
320-339 W	\$23.00
340-359 W	\$23.50
360-379 W	\$24.50
380-399 W	\$25.00
LED End Mount Luminaire	
1-19 W	\$11.00
20-39 W	\$12.00
40-59 W	\$12.50
60-79 W	\$13.00
80-99 W	\$13.50
100-119 W	\$14.00
120-139 W	\$15.00
140-159 W	\$15.50
160-179 W	\$16.00
180-199 W	\$16.50
200-219 W	\$17.50
220-239 W	\$18.00
240-259 W	\$18.50
260-279 W	\$19.50
280-299 W	\$20.00
300-319 W	\$20.50
320-339 W	\$21.00
340-359 W	\$22.00
360-379 W	\$22.50
380-399 W	\$23.00
LED Flood Luminaire	
1-19 W	\$13.00
20-39 W	\$13.50
40-59 W	\$14.00
60-79 W	\$15.00
80-99 W	\$15.50
100-119 W	\$16.00
120-139 W	\$16.50
140-159 W	\$17.50
160-179 W	\$18.00
180-199 W	\$18.50
200-219 W	\$19.50
220-239 W	\$20.00
240-259 W	\$20.50
260-279 W	\$21.00
280-299 W	\$22.00
300-319 W	\$22.50
320-339 W	\$23.00

340-359 W	\$23.50
360-379 W	\$24.50
380-399 W	\$25.00

Monthly Rate (continued)

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

	11/1/2022
Wood Pole – Overhead Service	\$7.30
Wood Pole – Underground Service	\$11.30
Concrete Pole – Overhead Service	\$18.00
Concrete Pole – Underground Service	\$18.00
Post Top – Concrete	\$11.30
Historic – Single Top	\$37.50
Large Historic – Dual Top	\$75.20
Small Historic – Dual Top	\$63.20
Wall/Tunnel – 8760 Hours	\$15.80
Wall/Tunnel – 4200 Hours	\$9.70
Bollard	\$31.90

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.

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

Unit Replacement - The BWL may, at its option, upon customer request replace existing street light units. After installation, the customer shall make a one-time contribution equal to the undepreciated value of the unit plus the cost of removal.

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

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

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



**SPECIALITY FACILITIES STREET LIGHTING ELECTRIC SERVICE
RATE CODE: SL2**

Availability - Available to any political subdivision or agency of the State of Michigan for non-standard 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.

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:

	<u>11/1/2022</u>
High Pressure Sodium Luminaire	\$0.73 per watt of rated energy usage
Metal Halide Luminaire	\$0.97 per watt of rated energy usage
LED Luminaire	\$0.53 per watt of rated energy usage

Annual Facilities Charge - The Annual Rate to recover the cost of luminaires, poles, attachments, and other equipment installed to provide service under this rate schedule, including the total facilities cost less any customer contributions, projected annual maintenance cost, and return on investment. The annual facilities charge for each luminaire and setting will be specified in the service contracts with each customer.

Unit Replacement - The BWL may, at its option, upon customer request replace existing street light units. After installation, the customer shall make a one-time contribution equal to the undepreciated value of the unit plus the cost of removal.

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

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

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



**CUSTOMER OWNED STREET LIGHTING ELECTRIC SERVICE
RATE CODE: SLCUST**

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 customer’s 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 customer’s 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.

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

	11/1/2022
High Pressure Sodium Luminaire¹	
70 W	\$4.80
100 W	\$5.80
150 W	\$7.50
250 W	\$9.80
400 W	\$14.20
1000 W	\$33.40
Mercury Vapor Luminaire¹	
175 W	\$6.80
250 W	\$9.00
400 W	\$12.90
1000 W	\$28.40
Incandescent Luminaire¹	
2500 L	\$9.30
4000 L	\$14.90
6000 L	\$18.10
LED Luminaire	
1-19 W	\$4.40
20-39 W	\$4.90
40-59 W	\$5.50
60-79 W	\$6.20
80-99 W	\$6.70
100-119 W	\$7.30
120-139 W	\$7.80
140-159 W	\$8.50
160-179 W	\$9.10

¹ Rates apply to existing luminaires only and are not open to new business.

180-199 W	\$9.70
200-219 W	\$10.20
220-239 W	\$10.90
240-259 W	\$11.40
260-279 W	\$12.00
280-299 W	\$12.60
300-319 W	\$13.20
320-339 W	\$13.80
340-359 W	\$14.30
360-379 W	\$14.90
380-399 W	\$15.60

Maintenance Charge - The actual labor, material, miscellaneous and indirect charges experienced maintaining street light units during the preceding month.

Combined Rates - The monthly rate for units consisting of more than one luminaire shall be the appropriate combination of individual unit charges above.

Special Terms and Conditions - The BWL reserves the right to make special contractual arrangements as to termination charges, contributions in aid of construction, term or other special considerations when the customer requests service, equipment or facilities not normally provided under this rate.

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

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

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



**OUTDOOR LIGHTING ELECTRIC SERVICE
RATE CODE: OLS**

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.

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

<i>Luminaires on Overhead Mast Arm on existing BWL poles</i>	11/1/2022
High Pressure Sodium¹	
100 W	\$14.20
250 W	\$22.50
400 W	\$25.60
Mercury Vapor²	
175 W	\$14.90
400 W	\$25.60
LED End Mount	
1-19 W	\$10.40
20-39 W	\$11.00
40-59 W	\$11.60
60-79 W	\$12.20
80-99 W	\$12.80
100-119 W	\$13.40
120-139 W	\$14.00
140-159 W	\$14.50
160-179 W	\$15.10
180-199 W	\$15.70
200-219 W	\$16.30
220-239 W	\$16.90
240-259 W	\$17.50
260-279 W	\$18.10
280-299 W	\$18.70
300-319 W	\$19.30
320-339 W	\$19.80
340-359 W	\$20.40
360-379 W	\$21.00
380-399 W	\$21.60

¹ Rates apply to existing luminaires and are subject to cost and availability for new business.

² Rates apply to existing luminaires only and are not open to new business.

Floodlighting Luminaires on Bracket Arm on existing BWL poles	11/1/2022
High Pressure Sodium³	
100 W	\$18.90
250 W	\$25.40
400 W	\$29.80
Metal Halide³	
400 W	\$37.00
1000 W	\$64.00
1500 W	\$88.80
LED Flood	
1-19 W	\$12.20
20-39 W	\$12.80
40-59 W	\$13.40
60-79 W	\$13.90
80-99 W	\$14.50
100-119 W	\$15.10
120-139 W	\$15.70
140-159 W	\$16.30
160-179 W	\$16.90
180-199 W	\$17.50
200-219 W	\$18.10
220-239 W	\$18.70
240-259 W	\$19.20
260-279 W	\$19.80
280-299 W	\$20.40
300-319 W	\$21.00
320-339 W	\$21.60
340-359 W	\$22.20
360-379 W	\$22.80
380-399 W	\$23.40

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	11/1/2022
35-foot wood poles including span of overhead secondary extension	\$16.10 Per pole
37-foot concrete pole including span of overhead secondary extension	\$26.70 Per pole
Other facilities, hand set poles, or rearrangement of existing facilities	1.67% Of estimated cost

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.

³ Rates apply to existing luminaires and are subject to cost and availability for new business.

Service Contract - A written service agreement shall be entered into to take BWL service for a term of years determined as follows:

- a) One year, if additional facilities are not required, or
- b) Three years, if additional facilities are required
- c) Five years, for metal halide lamps or if monthly facilities charges are calculated at 1.67% of estimated cost,
- d) Ten years, if special contractual arrangements are made.

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



**UNMETERED DEVICES ELECTRIC SERVICE
RATE CODE: UNM**

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’s (“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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$4.75 Per month
Commodity Charge	\$0.0921 Per kWh for all kWh

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 manufacturer’s 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 manufacturer’s rated input capacity of the Power Supply Units or the actual test load, whichever is greater.

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

Minimum Bill - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.

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

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

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

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**TRAFFIC SIGNAL UNMETERED DEVICES ELECTRIC SERVICE
RATE CODE: UNMT**

Availability - This rate is available to the US 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's ("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.

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

Part 1: Electric Service

Basic Service Charge

11/1/2022

\$4.75 Per month

Commodity Charge

\$0.0921 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.

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.

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.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



STANDBY RATE FOR DISPATCHABLE GENERATORS RIDER CODE: STBY

Availability – Required for use by Lansing Board of Water & Light’s (“BWL”) customers utilizing dispatchable generation such as cogeneration or combined heat and power systems. Customers must take service on rates MC1 or LC1 in combination with the Standby Rate for Dispatchable Generators.

Monthly Standby Rate - The monthly charge is the sum of the charges listed below for Secondary or Primary Service multiplied by the nameplate capacity of the generating unit(s) standby power is being provided for.

- Secondary Service Customer
 - \$8.46 per kW
- Primary Service Customer
 - \$8.09 per kW

Supplemental Power Rate - The supplemental power rate shall apply when the customer’s generation does not, on a basis to be determined by the BWL, provide all power requirements for the premises. The BWL will provide supplemental power at the published rates applicable for the nature of the supplemental power being provided.

Maintenance Power Rate - The maintenance power rate shall apply when customer schedules owned generation outages or derates for maintenance or other services. Scheduling is defined as submitting a written notice to the BWL contact designated in the applicant’s Parallel Operating Agreement five business days before the scheduled outage.

- Commodity charge will be based on the BWL’s published rates applicable for the amount and nature of the maintenance power being provided.
- Demand Charges:
 - If the scheduled outage is during off-peak times, no demand charges will be assessed.
 - If the scheduled outage is not within off-peak times, a daily on-peak demand charge of \$0.62/kW of nameplate generation capacity will be assessed.

Backup Power Rate - The backup power rate shall apply for all unscheduled generator outages or derates.

- Commodity charge will be based on the BWL’s published rates applicable for the amount and nature of the maintenance power being provided.
- Demand Charges:
 - If the scheduled outage is during off-peak times, no demand charges will be assessed.
 - If the scheduled outage is not within off-peak times, a daily on-peak demand charge of \$12.34/kW of nameplate generation capacity will be assessed.

Stranded Cost Rate – The stranded costs rate shall be calculated using the following formula:

- $Stranded\ Cost = LR - (SC + MV + CV)$; where
 - LR = total BWL Lost Revenue caused by installation of generating unit by customer
 - SC = Standby Charges paid by customer
 - MV = Market Value of power produced from generating unit adjusted for system losses. Market Value of power is the greater of locational marginal price (LMP) or BWL’s avoided fuel costs. LMP is measured at the CONS.LANS node from the MISO (Mid-Continent Independent System Operator) Michigan Trading Hub.
 - CV = Capacity Value of generating unit(s) based on its nameplate capacity
- Lost Revenue is the cost left stranded due to installation of the customer owned generation unit. Capacity of the generating unit shall be defined as the nameplate capacity under the interconnection agreement.
- Lost Revenue, Capacity Value, and Market Value of energy are estimated, subject to true-up at the conclusion of the first year of operation.
- Stranded Cost is determined annually.

- Stranded Costs will be charged to the customer in equal monthly installments over the twelve-month period following determination of the Costs. The Stranded Cost calculation will be charged for a maximum of seven years, or until BWL obtains additional generation supply to meet the resource adequacy requirements for its customers whichever occurs first.

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.



**POLE ATTACHMENT
RATE CODE: E41**

Availability - This rate is available to any Lansing Board of Water & Light (“BWL”) customer desiring to attach cable, wire, or equipment to BWL-owned distribution or transmission poles and for which the BWL does not attach distribution cables and wires to poles owned by the attaching customer.

Effective 7/1/2023, this rate will be closed, and all pole attachment fees and charges will be reflected in the BWL Rules and Regulations.

Nature of Service - This rate is only available for installations of one year or more and requires the customer to enter into an attachment agreement with the BWL before any attachment is made. All attachments to BWL poles are subject to approval by the BWL. Energy used by any attached equipment shall be billed under a separate rate.

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

11/1/2022

Basic Service Charge

Cable or Wire Attachments	\$7.74 Per attachment per year or part thereof, \$300.00 minimum
Equipment Attachments	\$19.02 Per attachment per year or part thereof, \$300.00 minimum

Unauthorized Attachment Charge	In addition to the Basic Service Charge, a penalty of five times the Annual Rate shall be charged for each unauthorized attachment each year or part thereof, with charges beginning on the date of attachment.
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Application Charge - A non-refundable application charge will apply in accordance with the Rules and Regulations.

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.

For existing pole attachment customers, this rate will become effective the later of July 1, 2018 or at the termination of their existing agreements with the BWL.



**POWER SUPPLY COST RECOVERY ADJUSTMENT
RIDER CODE: PSCR**

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 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
Other per Contract Terms		



**ELECTRIC ENVIRONMENTAL CHARGE
RIDER CODE: ENVE**

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 **\$0.0006/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
UNMT	Other per Contract Terms	



**RENEWABLE ENERGY PLAN SURCHARGE
RIDER CODE: REP**

Purpose - The Renewable Energy Plan Surcharge (REP Surcharge) is designed to recover Renewable Energy Plan program costs, as required by 2016 PA 342.

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.

Monthly Surcharge - Current Monthly REP Surcharges are as follows:

Rate Schedule	REP Surcharge	
<u>Residential</u>		
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
<u>Small Commercial</u>		
SC1	\$0.00	Per Month
SCTOU	\$0.00	Per Month
<u>Midsized Commercial</u>		
MC1	\$0.00	Per Month
MCTOU	\$0.00	Per Month
MCHLF	\$0.00	Per Month
<u>Large Commercial & Industrial</u>		
LC1	\$0.00	Per Month
LCTOU	\$0.00	Per Month
LCHLF	\$0.00	Per Month
<u>Extra Large Industrial</u>		
XL1	\$0.00	Per Month
XLHLF	\$0.00	Per Month
<u>Economic Development Industrial</u>		
EDM	\$0.00	Per Month
EDHLF	\$0.00	Per Month
<u>Other Electric Service</u>		
SL1	\$0.00	Per Luminaire per Month
SL2	\$0.00	Per Luminaire per Month
SLCUST	\$0.00	Per Luminaire per Month
UNM	\$0.00	Per Month
UNMT	\$0.00	Per Month



VOLUNTARY RENEWABLE ENERGY RIDER
RIDER CODE: VRER

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.

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

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



RENEWABLE ENERGY DISTRIBUTED GENERATION RIDER RIDER CODE: DG

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.

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 monthly bill in the form of a reduction. The value of Outflow energy will be credited back the energy and capacity value of the resource, less 0.5 cents per kWh for administration of the DG program.

The energy value will be equal to the month’s average On-Peak Real-Time Locational Marginal Price (“LMP”) at the CONS.LANS node.

The capacity value will be equal to the MISO Zone-7 Planning Resource Auction capacity price multiplied by the capacity credit given by MISO for the same technology as the customer’s renewable energy generating system. This value will be credited on a per kWh basis based on the expected annual capacity factor for the renewable energy generating system.

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

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



RENEWABLE ENERGY NET METERING RIDER RIDER CODE: NM

Purpose - This rider provides any 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.

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

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 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 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 generator’s Premises must be approved for parallel operation with BWL’s electric distribution system by meeting all interconnection requirements.

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

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

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

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



**ELECTRIC ECONOMIC DEVELOPMENT RIDER
RIDER CODE: EDRE**

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 (12) month period prior to the implementation of this Electric Economic Development Rider.



**RATE TRANSITION CREDIT
RIDER CODE: RTC**

Purpose - The purpose of the Rate Transition Credit (“RTC”) is to provide rate relief to select Commercial & Industrial customers that experience higher than average rate increases due to a transition to a new rate class. These customers have service characteristics that require a change from the rate class they were on prior to November 1, 2022. The credit will be determined by the BWL and will expire after one (1) year. The RTC Rider will end permanently on November 1, 2024.

Availability - Customer eligibility will be at the BWL’s discretion and will be evaluated on an individual customer basis. This rider will only be available to customers on rates SC1, MC1, and LC1 who were transferred to a different rate class based on their service characteristics. Customers must have an active BWL account in good standing to continue receiving the credit.

Eligible Rate Class Transfers - The below table includes which rate class transfers may be eligible for the Rate Transition Credit.

Prior Rate	New Rate
Rate 3	MC1
Rate 3	LC1
Rate 4	SC1
Rate 4	LC1
Rate 7	SC1
Rate 7	MC1
Rate 7	LC1
Rate 12	SC1
Rate 12	MC1
Rate 12	LC1

Monthly Discount - The RTC provides a percentage discount on the customer total billed amount for the eligible Account. The credit will appear as a line item on the customer’s monthly bill.



**STANDARD RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RES1**

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.

Beginning with the November 2023 Billing Month, all Residential customers will be enrolled in this Residential Time of Use (“TOU”) rate and will continue to be enrolled for at least twelve (12) months.

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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$20.50 Per month
Commodity Charge	
Off-Peak Summer	\$0.1314 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.1445 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.1314 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1445 Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 1:00PM to 8:00PM
- B) Off-Peak Hours: 8:00PM to 1:00PM

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

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

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



**OFF-PEAK SAVERS RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RESTOU**

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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$23.00 Per month
Commodity Charge	
Off-Peak Summer	\$0.0930 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2806 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0953 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1585 Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 1:00PM to 8:00PM
- B) Off-Peak Hours: 8:00PM to 1:00PM

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.



**SEPARATELY METERED PLUG-IN ELECTRIC VEHICLE CHARGING RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RES22**

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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$4.75 Per month
Commodity Charge	
Off-Peak Summer	\$0.0895 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2457 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0895 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1385 Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 1:00PM to 8:00PM
- B) Off-Peak Hours: 8:00PM to 1:00PM

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.



**SENIOR CITIZEN RESIDENTIAL ELECTRIC SERVICE
RATE CODE: RES21**

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

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

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

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

	<u>11/1/2023</u>
Basic Service Charge	\$15.75 Per month
Commodity Charge	
Block 1	\$0.0906 Per kWh for the first 300 kWh
Block 2	\$0.1702 Per kWh for all kWh over 300 kWh

Minimum Bill - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.

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

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

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



**ADVANCED METER OPT-OUT RESIDENTIAL ELECTRIC SERVICE
RATE CODE: OPTO**

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 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.

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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$20.50 Per month
Commodity Charge	
Summer Months of June through September	\$0.1344 Per kWh for the first 500 kWh \$0.1399 Per kWh for all kWh over 500 kWh
Winter Months of October through May	\$0.1344 Per kWh for the first 500 kWh \$0.1379 Per kWh for all kWh over 500 kWh

Opt-Out Fees - The fees for the advanced meter opt-out program are stated in the Rules and Regulations.

Minimum Bill - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.

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

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

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



**ADVANCED METER OPT-OUT SENIOR CITIZEN RESIDENTIAL ELECTRIC SERVICE
RATE CODE: OPTOS**

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 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.

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

	<u>11/1/2023</u>	
Basic Service Charge	\$15.75	Per month
Commodity Charge		
Block 1	\$0.0906	Per kWh for the first 300 kWh
Block 2	\$0.1702	Per kWh for all kWh over 300 kWh

Opt-Out Fees - The fees for the advanced meter opt-out program are stated in the Rules and Regulations.

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.



**STANDARD SMALL COMMERCIAL ELECTRIC SERVICE
RATE CODE: SC1**

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

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

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

	<u>11/1/2023</u>
Basic Service Charge	\$36.00 Per month
Commodity Charge	
Summer Months of June through September	\$0.1478 Per kWh for all kWh
Winter Months of October through May	\$0.1439 Per kWh for all kWh

Minimum Bill - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.

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

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

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

Metering - Where the BWL elects to measure the service on the primary side of the transformers, the metered kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.



**OFF-PEAK SAVERS SMALL COMMERCIAL ELECTRIC SERVICE
RATE CODE: SCTOU**

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

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

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

	<u>11/1/2023</u>	
Basic Service Charge	\$36.00	Per month
Commodity Charge		
Off-Peak Summer	\$0.1220	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2808	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.1242	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1733	Per kWh for all On-Peak kWh between October 1 and May 31

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

Metering - Where the BWL elects to measure the service on the primary side of the transformers, the metered kWh thus measured will be reduced by 3% for billing purposes to adjust for transformer losses. Where the customer receives service through more than one meter, the consumption as registered by the different meters will not be combined for billing purposes but will be computed and billed separately.



**STANDARD MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MC1**

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 service or standby service. Effective November 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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$120.00 Per month
Capacity Charge	\$12.01 Per kW for all kW of Maximum Demand
Commodity Charge	
Summer Months of June through September	\$0.0977 Per kWh for all kWh
Winter Months of October through May	\$0.0938 Per kWh for all kWh
Power Factor Charge	See Power Factor section below

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 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.

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%



**OFF-PEAK SAVERS MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MCTOU**

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 service or standby service. Effective November 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.

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

	<u>11/1/2023</u>	
Basic Service Charge	\$120.00	Per month
Capacity Charge	\$14.16	Per kW for all kW of Maximum Demand
Commodity Charge		
Off-Peak Summer	\$0.0636	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2374	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0658	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1299	Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

Maximum Demand - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month, but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.

Metering - Where the BWL elects to measure the service on the 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.

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%



**ELECTRIC VEHICLE CHARGING STATION MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MCEV**

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 service or standby service. Effective November 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 BWL’s GreenWise Program.

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

	<u>11/1/2023</u>	
Basic Service Charge	\$120.00	Per month
Capacity Charge	\$2.57	Per kW for all kW of Maximum Demand
Commodity Charge		
Off-Peak Summer	\$0.0917	Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2387	Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0932	Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1311	Per kWh for all On-Peak kWh between October 1 and May 31
Renewable Energy	\$0.0130	Per kWh for all kWh as of 11/1/2022 <i>Please see Voluntary Renewable Energy Rider for current pricing</i>
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 8:00PM
- B) 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.

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.

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%



**HIGH LOAD FACTOR MIDSIZE COMMERCIAL ELECTRIC SERVICE
RATE CODE: MCHLF**

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 service or standby service. Effective November 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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$120.00 Per month
Capacity Charge	\$27.00 Per kW for all kW of Maximum Demand
Commodity Charge	
Summer Months of June through September	\$0.0676 Per kWh for all kWh
Winter Months of October through May	\$0.0656 Per kWh for all kWh
Power Factor Charge	See Power Factor section below

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 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.

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%



**STANDARD LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LC1**

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 service or standby service.

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

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

	<u>11/1/2023</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	
On-Peak Billing Demand	\$15.25 Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$6.52 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0674 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.0718 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0674 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.0694 Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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.

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%

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.

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



**OFF-PEAK SAVERS LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LCTOU**

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 service or standby service.

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

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

	<u>11/1/2023</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	\$13.29 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0581 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2319 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0602 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1243 Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

Maximum Demand - The Maximum Demand shall be the kW supplied during the 15-minute period of maximum use during the billing month but the Maximum Demand shall never be less than 50% of the highest Maximum Demand of the preceding 11 billing months.

Metering - Where the BWL elects to measure the service on the secondary side of the transformers, 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 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%

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.

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



ELECTRIC VEHICLE CHARGING STATION LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE RATE CODE: LCEV

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 service or standby service.

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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$320.00 Per month
Capacity Charge	\$2.49 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0867 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.2301 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0882 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.1252 Per kWh for all On-Peak kWh between October 1 and May 31
Renewable Energy	\$0.0130 Per kWh for all kWh as of 11/1/2022 <i>Please see Voluntary Renewable Energy Rider for current pricing</i>
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 8:00PM
- B) 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.

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 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%

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.

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



**HIGH LOAD FACTOR LARGE COMMERCIAL & INDUSTRIAL ELECTRIC SERVICE
RATE CODE: LCHLF**

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 service or standby service.

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

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

	<u>11/1/2023</u>	
Basic Service Charge	\$320.00	Per month
Capacity Charge		
On-Peak Billing Demand	\$31.48	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$6.52	Per kW for all kW of Maximum Demand
Commodity Charge		
Summer Months of June through September	\$0.0411	Per kWh for all kWh
Winter Months of October through May	\$0.0387	Per kWh for all kWh
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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 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.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

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.

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.



**STANDARD EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE
RATE CODE: XL1**

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 service or standby service.

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 (10) 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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$500.00 Per month
Capacity Charge	
On-Peak Billing Demand	\$17.00 Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$2.75 Per kW for all kW of Maximum Demand
Commodity Charge	
Off-Peak Summer	\$0.0689 Per kWh for all Off-Peak kWh between June 1 and September 30
On-Peak Summer	\$0.0745 Per kWh for all On-Peak kWh between June 1 and September 30
Off-Peak Winter	\$0.0689 Per kWh for all Off-Peak kWh between October 1 and May 31
On-Peak Winter	\$0.0729 Per kWh for all On-Peak kWh between October 1 and May 31
Power Factor Charge	See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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 except as provided for in Multiple Premises Aggregation.

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 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.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

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.

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



**HIGH LOAD FACTOR EXTRA LARGE INDUSTRIAL ELECTRIC SERVICE
RATE CODE: XLHLF**

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 service or standby service.

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 (10) 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.

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

	<u>11/1/2023</u>	
Basic Service Charge	\$500.00	Per month
Capacity Charge		
On-Peak Billing Demand	\$31.48	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$6.52	Per kW for all kW of Maximum Demand
Commodity Charge		
Summer Months of June through September	\$0.0396	Per kWh for all kWh
Winter Months of October through May	\$0.0373	Per kWh for all kWh
Power Factor Charge		See Power Factor section below

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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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 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 0.950	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%

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.

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



**MARKET BASED PRICING ECONOMIC DEVELOPMENT INDUSTRIAL ELECTRIC SERVICE
RATE CODE: EDM**

Availability - This rate is available to any Lansing Board of Water & Light (“BWL”) customer with 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 service.

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 (15) 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 (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.

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

<u>Billing Determinant</u>	<u>Description</u>	<u>Example</u>
Power Supply Capacity Charge	MISO Zone-7 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 Schedules 1, 2, 7, 26, and 33 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 the CONS.LANS node for all kWh	\$30.00 / MWh
System Contribution Charge	10% of total charges from above pricing components	\$46.03 x 10% = \$4.60 / MWh
		Total = \$50.63 / MWh or 5.06 cents / kWh
Incremental Transmission & Distribution Facilities Charge	Per service contract terms for the incremental transmission & distribution facilities provided by BWL	
Power Factor Charge	See Power Factor section below	

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 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.

- A) On-Peak Hours: 7:00AM to 11:00PM
- B) Off-Peak Hours: 11:00PM to 7:00AM

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.

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.

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.

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 6 consecutive months below 0.850 Power Factor, the customer may be turned off until corrective equipment is installed.

<u>Power Factor</u>	<u>Power Factor Penalty Charge</u>
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%

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.

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.

Resale of Electric Power – This rate is not eligible for resale of electric power as provided for in the Rules and Regulations.



**HIGH LOAD FACTOR ECONOMIC DEVELOPMENT INDUSTRIAL ELECTRIC SERVICE
RATE CODE: EDHLF**

Availability - This rate is available to any Lansing Board of Water & Light (“BWL”) customer with 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 service.

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 (15) 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 (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.

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

	<u>11/1/2023</u>	
Basic Service Charge	\$5,000.00	Per month
Capacity Charge		
On-Peak Billing Demand	\$6.75	Per kW for all kW of On-Peak Billing Demand
Maximum Demand	\$5.25	Per kW for all kW of Maximum Demand
Commodity Charge	\$0.0437	Per kWh for all kWh
Incremental Transmission & Distribution Facilities Charge		Per service contract terms for the incremental transmission & distribution facilities provided by the BWL
Power Factor Charge		See Power Factor section below

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 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.

- A) On-Peak Hours: 10:00AM to 6:00PM
- B) Off-Peak Hours: 6:00PM to 10:00AM

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

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

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

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, 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.

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.

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 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 0.950	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%

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.

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.

Resale of Electric Power – This rate is not eligible for resale of electric power as provided for in the Rules and Regulations.



**STANDARD STREET LIGHTING ELECTRIC SERVICE
RATE CODE: SL1**

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.

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

	11/1/2023
High Pressure Sodium Luminaire¹	
70 W	\$10.50
100 W	\$12.00
150 W	\$13.50
250 W	\$16.50
400 W	\$21.00
1000 W	\$43.50
Mercury Vapor Luminaire²	
100 W	\$11.00
175 W	\$13.50
250 W	\$16.00
400 W	\$20.00
1000 W	\$38.50
Metal Halide Luminaire¹	
175 W ²	\$23.50
250 W ²	\$26.50
400 W	\$27.00
1000 W	\$52.00
1500 W	\$80.00
Induction Luminaire¹	
85 W	\$11.00
165 W	\$13.50
LED Decorative Luminaire	
1-19 W	\$14.00
20-39 W	\$14.50
40-59 W	\$15.00
60-79 W	\$16.00
80-99 W	\$16.50

¹ Rates apply to existing luminaires and are subject to cost and availability for new business.

² Rates apply to existing luminaires only and are not open to new business.

100-119 W	\$17.00
120-139 W	\$17.50
140-159 W	\$18.50
160-179 W	\$19.00
180-199 W	\$20.00
200-219 W	\$20.50
220-239 W	\$21.00
240-259 W	\$22.00
260-279 W	\$22.50
280-299 W	\$23.00
300-319 W	\$23.50
320-339 W	\$24.50
340-359 W	\$25.00
360-379 W	\$26.00
380-399 W	\$26.50
LED End Mount Luminaire	
1-19 W	\$11.50
20-39 W	\$12.50
40-59 W	\$13.00
60-79 W	\$13.50
80-99 W	\$14.50
100-119 W	\$15.00
120-139 W	\$15.50
140-159 W	\$16.50
160-179 W	\$17.00
180-199 W	\$17.50
200-219 W	\$18.50
220-239 W	\$19.00
240-259 W	\$19.50
260-279 W	\$20.50
280-299 W	\$21.00
300-319 W	\$21.50
320-339 W	\$22.50
340-359 W	\$23.00
360-379 W	\$23.50
380-399 W	\$24.50
LED Flood Luminaire	
1-19 W	\$13.50
20-39 W	\$14.50
40-59 W	\$15.00
60-79 W	\$15.50
80-99 W	\$16.50
100-119 W	\$17.00
120-139 W	\$17.50
140-159 W	\$18.50
160-179 W	\$19.00
180-199 W	\$19.50
200-219 W	\$20.50
220-239 W	\$21.00
240-259 W	\$21.50
260-279 W	\$22.50
280-299 W	\$23.00
300-319 W	\$23.50
320-339 W	\$24.50

340-359 W	\$25.00
360-379 W	\$25.50
380-399 W	\$26.00

Monthly Rate (continued)

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

	11/1/2023
Wood Pole – Overhead Service	\$7.70
Wood Pole – Underground Service	\$12.00
Concrete Pole – Overhead Service	\$19.00
Concrete Pole – Underground Service	\$19.00
Post Top – Concrete	\$12.00
Historic – Single Top	\$39.60
Large Historic – Dual Top	\$79.30
Small Historic – Dual Top	\$66.70
Wall/Tunnel – 8760 Hours	\$16.70
Wall/Tunnel – 4200 Hours	\$10.20
Bollard	\$33.70

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.

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

Unit Replacement - The BWL may, at its option, upon customer request replace existing street light units. After installation, the customer shall make a one-time contribution equal to the undepreciated value of the unit plus the cost of removal.

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

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

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



**SPECIALITY FACILITIES STREET LIGHTING ELECTRIC SERVICE
RATE CODE: SL2**

Availability - Available to any political subdivision or agency of the State of Michigan for non-standard 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.

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:

	<u>11/1/2023</u>
High Pressure Sodium Luminaire	\$0.77 per watt of rated energy usage
Metal Halide Luminaire	\$1.02 per watt of rated energy usage
LED Luminaire	\$0.56 per watt of rated energy usage

Annual Facilities Charge - The Annual Rate to recover the cost of luminaires, poles, attachments, and other equipment installed to provide service under this rate schedule, including the total facilities cost less any customer contributions, projected annual maintenance cost, and return on investment. The annual facilities charge for each luminaire and setting will be specified in the service contracts with each customer.

Unit Replacement - The BWL may, at its option, upon customer request replace existing street light units. After installation, the customer shall make a one-time contribution equal to the undepreciated value of the unit plus the cost of removal.

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

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

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



**CUSTOMER OWNED STREET LIGHTING ELECTRIC SERVICE
RATE CODE: SLCUST**

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 customer’s 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 customer’s 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.

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

High Pressure Sodium Luminaire¹	11/1/2023
70 W	\$5.10
100 W	\$6.10
150 W	\$7.90
250 W	\$10.40
400 W	\$14.90
1000 W	\$35.20
Mercury Vapor Luminaire¹	
175 W	\$7.10
250 W	\$9.50
400 W	\$13.60
1000 W	\$30.00
Incandescent Luminaire¹	
2500 L	\$9.80
4000 L	\$15.70
6000 L	\$19.10
LED Luminaire	
1-19 W	\$4.60
20-39 W	\$5.20
40-59 W	\$5.80
60-79 W	\$6.50
80-99 W	\$7.00
100-119 W	\$7.70
120-139 W	\$8.30
140-159 W	\$9.00
160-179 W	\$9.60
180-199 W	\$10.20

¹ Rates apply to existing luminaires only and are not open to new business.

200-219 W	\$10.80
220-239 W	\$11.50
240-259 W	\$12.10
260-279 W	\$12.60
280-299 W	\$13.30
300-319 W	\$13.90
320-339 W	\$14.60
340-359 W	\$15.10
360-379 W	\$15.80
380-399 W	\$16.40

Maintenance Charge - The actual labor, material, miscellaneous and indirect charges experienced maintaining street light units during the preceding month.

Combined Rates - The monthly rate for units consisting of more than one luminaire shall be the appropriate combination of individual unit charges above.

Special Terms and Conditions - The BWL reserves the right to make special contractual arrangements as to termination charges, contributions in aid of construction, term or other special considerations when the customer requests service, equipment or facilities not normally provided under this rate.

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

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

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



**OUTDOOR LIGHTING ELECTRIC SERVICE
RATE CODE: OLS**

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.

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

<i>Luminaires on Overhead Mast Arm on existing BWL poles</i>	11/1/2023
High Pressure Sodium¹	
100 W	\$15.00
250 W	\$23.70
400 W	\$27.00
Mercury Vapor²	
175 W	\$15.70
400 W	\$27.00
LED End Mount	
1-19 W	\$11.00
20-39 W	\$11.60
40-59 W	\$12.20
60-79 W	\$12.90
80-99 W	\$13.50
100-119 W	\$14.10
120-139 W	\$14.80
140-159 W	\$15.30
160-179 W	\$15.90
180-199 W	\$16.60
200-219 W	\$17.20
220-239 W	\$17.80
240-259 W	\$18.50
260-279 W	\$19.10
280-299 W	\$19.70
300-319 W	\$20.40
320-339 W	\$20.90
340-359 W	\$21.50
360-379 W	\$22.20
380-399 W	\$22.80

¹ Rates apply to existing luminaires and are subject to cost and availability for new business.

² Rates apply to existing luminaires only and are not open to new business.

Floodlighting Luminaires on Bracket Arm on existing BWL poles	11/1/2023
High Pressure Sodium³	
100 W	\$19.90
250 W	\$26.80
400 W	\$31.40
Metal Halide³	
400 W	\$39.00
1000 W	\$67.50
1500 W	\$93.70
LED Flood	
1-19 W	\$12.90
20-39 W	\$13.50
40-59 W	\$14.10
60-79 W	\$14.70
80-99 W	\$15.30
100-119 W	\$15.90
120-139 W	\$16.60
140-159 W	\$17.20
160-179 W	\$17.80
180-199 W	\$18.50
200-219 W	\$19.10
220-239 W	\$19.70
240-259 W	\$20.30
260-279 W	\$20.90
280-299 W	\$21.50
300-319 W	\$22.20
320-339 W	\$22.80
340-359 W	\$23.40
360-379 W	\$24.10
380-399 W	\$24.70

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	11/1/2023
35-foot wood poles including span of overhead secondary extension	\$17.00 Per pole
37-foot concrete pole including span of overhead secondary extension	\$28.20 Per pole
Other facilities, hand set poles, or rearrangement of existing facilities	1.67% Of estimated cost

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.

³ Rates apply to existing luminaires and are subject to cost and availability for new business.

Service Contract - A written service agreement shall be entered into to take BWL service for a term of years determined as follows:

- a) One year, if additional facilities are not required, or
- b) Three years, if additional facilities are required
- c) Five years, for metal halide lamps or if monthly facilities charges are calculated at 1.67% of estimated cost,
- d) Ten years, if special contractual arrangements are made.

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



**UNMETERED DEVICES ELECTRIC SERVICE
RATE CODE: UNM**

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's ("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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$5.00 Per month
Commodity Charge	\$0.0973 Per kWh for all kWh

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 manufacturer's 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 manufacturer's rated input capacity of the Power Supply Units or the actual test load, whichever is greater.

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

Minimum Bill - The Minimum Bill is the Basic Service Charge included in the Monthly Rate.

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

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

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



**TRAFFIC SIGNAL UNMETERED DEVICES ELECTRIC SERVICE
RATE CODE: UNMT**

Availability - This rate is available to the US 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’s (“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.

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

Part 1: Electric Service

	<u>11/1/2023</u>	
Basic Service Charge	\$5.00	Per month
Commodity Charge	\$0.0973	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.

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.

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.



STANDBY RATE FOR DISPATCHABLE GENERATORS RIDER CODE: STBY

Availability – Required for use by Lansing Board of Water & Light’s (“BWL”) customers utilizing dispatchable generation such as cogeneration or combined heat and power systems. Customers must take service on rates MC1 or LC1 in combination with the Standby Rate for Dispatchable Generators.

Monthly Standby Rate - The monthly charge is the sum of the charges listed below for Secondary or Primary Service multiplied by the nameplate capacity of the generating unit(s) standby power is being provided for.

- Secondary Service Customer
 - \$8.46 per kW
- Primary Service Customer
 - \$8.09 per kW

Supplemental Power Rate - The supplemental power rate shall apply when the customer’s generation does not, on a basis to be determined by the BWL, provide all power requirements for the premises. The BWL will provide supplemental power at the published rates applicable for the nature of the supplemental power being provided.

Maintenance Power Rate - The maintenance power rate shall apply when customer schedules owned generation outages or derates for maintenance or other services. Scheduling is defined as submitting a written notice to the BWL contact designated in the applicant’s Parallel Operating Agreement five business days before the scheduled outage.

- Commodity charge will be based on the BWL’s published rates applicable for the amount and nature of the maintenance power being provided.
- Demand Charges:
 - If the scheduled outage is during off-peak times, no demand charges will be assessed.
 - If the scheduled outage is not within off-peak times, a daily on-peak demand charge of \$0.62/kW of nameplate generation capacity will be assessed.

Backup Power Rate - The backup power rate shall apply for all unscheduled generator outages or derates.

- Commodity charge will be based on the BWL’s published rates applicable for the amount and nature of the maintenance power being provided.
- Demand Charges:
 - If the scheduled outage is during off-peak times, no demand charges will be assessed.
 - If the scheduled outage is not within off-peak times, a daily on-peak demand charge of \$12.34/kW of nameplate generation capacity will be assessed.

Stranded Cost Rate – The stranded costs rate shall be calculated using the following formula:

- $Stranded\ Cost = LR - (SC + MV + CV)$; where
 - LR = total BWL Lost Revenue caused by installation of generating unit by customer
 - SC = Standby Charges paid by customer
 - MV = Market Value of power produced from generating unit adjusted for system losses. Market Value of power is the greater of locational marginal price (LMP) or BWL’s avoided fuel costs. LMP is measured at the CONS.LANS node from the MISO (Mid-Continent Independent System Operator) Michigan Trading Hub.
 - CV = Capacity Value of generating unit(s) based on its nameplate capacity
- Lost Revenue is the cost left stranded due to installation of the customer owned generation unit. Capacity of the generating unit shall be defined as the nameplate capacity under the interconnection agreement.
- Lost Revenue, Capacity Value, and Market Value of energy are estimated, subject to true-up at the conclusion of the first year of operation.
- Stranded Cost is determined annually.

- Stranded Costs will be charged to the customer in equal monthly installments over the twelve-month period following determination of the Costs. The Stranded Cost calculation will be charged for a maximum of seven years, or until BWL obtains additional generation supply to meet the resource adequacy requirements for its customers whichever occurs first.

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.



**POWER SUPPLY COST RECOVERY ADJUSTMENT
RIDER CODE: PSCR**

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 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
Other per Contract Terms		



**ELECTRIC ENVIRONMENTAL CHARGE
RIDER CODE: ENVE**

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 **\$0.0006/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
UNMT	Other per Contract Terms	



**LOW INCOME ENERGY ASSISTANCE FUND SURCHARGE
RIDER CODE: LIEAF**

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 capped at \$1.00 per meter. Every customer receiving a retail distribution service will receive this surcharge on one meter. Every year, the program is reviewed and the LIEAF charge may be revised.

LIEAF Surcharge - The LIEAF surcharge as of 7/1/2022 is **\$0.87/billing meter**.



**RENEWABLE ENERGY PLAN SURCHARGE
RIDER CODE: REP**

Purpose - The Renewable Energy Plan Surcharge (REP Surcharge) is designed to recover Renewable Energy Plan program costs, as required by 2016 PA 342.

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.

Monthly Surcharge - Current Monthly REP Surcharges are as follows:

Rate Schedule	REP Surcharge	
<u>Residential</u>		
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
<u>Small Commercial</u>		
SC1	\$0.00	Per Month
SCTOU	\$0.00	Per Month
<u>Midsized Commercial</u>		
MC1	\$0.00	Per Month
MCTOU	\$0.00	Per Month
MCHLF	\$0.00	Per Month
<u>Large Commercial & Industrial</u>		
LC1	\$0.00	Per Month
LCTOU	\$0.00	Per Month
LCHLF	\$0.00	Per Month
<u>Extra Large Industrial</u>		
XL1	\$0.00	Per Month
XLHLF	\$0.00	Per Month
<u>Economic Development Industrial</u>		
EDM	\$0.00	Per Month
EDHLF	\$0.00	Per Month
<u>Other Electric Service</u>		
SL1	\$0.00	Per Luminaire per Month
SL2	\$0.00	Per Luminaire per Month
SLCUST	\$0.00	Per Luminaire per Month
UNM	\$0.00	Per Month
UNMT	\$0.00	Per Month



VOLUNTARY RENEWABLE ENERGY RIDER
RIDER CODE: VRER

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.

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

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



RENEWABLE ENERGY DISTRIBUTED GENERATION RIDER RIDER CODE: DG

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.

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 monthly bill in the form of a reduction. The value of Outflow energy will be credited back the energy and capacity value of the resource, less 0.5 cents per kWh for administration of the DG program.

The energy value will be equal to the month’s average On-Peak Real-Time Locational Marginal Price (“LMP”) at the CONS.LANS node.

The capacity value will be equal to the MISO Zone-7 Planning Resource Auction capacity price multiplied by the capacity credit given by MISO for the same technology as the customer’s renewable energy generating system. This value will be credited on a per kWh basis based on the expected annual capacity factor for the renewable energy generating system.

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

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



RENEWABLE ENERGY NET METERING RIDER RIDER CODE: NM

Purpose - This rider provides any 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.

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

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 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 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 generator’s Premises must be approved for parallel operation with BWL’s electric distribution system by meeting all interconnection requirements.

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

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

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

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



ELECTRIC ECONOMIC DEVELOPMENT RIDER
RIDER CODE: EDRE

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 (12) month period prior to the implementation of this Electric Economic Development Rider.



**RATE TRANSITION CREDIT
RIDER CODE: RTC**

Purpose - The purpose of the Rate Transition Credit (“RTC”) is to provide rate relief to select Commercial & Industrial customers that experience higher than average rate increases due to a transition to a new rate class. These customers have service characteristics that require a change from the rate class they were on prior to November 1, 2022. The credit will be determined by the BWL and will expire after one (1) year. The RTC Rider will end permanently on November 1, 2024.

Availability - Customer eligibility will be at the BWL’s discretion and will be evaluated on an individual customer basis. This rider will only be available to customers on rates SC1, MC1, and LC1 who were transferred to a different rate class based on their service characteristics. Customers must have an active BWL account in good standing to continue receiving the credit.

Eligible Rate Class Transfers - The below table includes which rate class transfers may be eligible for the Rate Transition Credit.

Prior Rate	New Rate
Rate 3	MC1
Rate 3	LC1
Rate 4	SC1
Rate 4	LC1
Rate 7	SC1
Rate 7	MC1
Rate 7	LC1
Rate 12	SC1
Rate 12	MC1
Rate 12	LC1

Monthly Discount - The RTC provides a percentage discount on the customer total billed amount for the eligible Account. The credit will appear as a line item on the customer’s monthly bill.

Attachment B
Water



**RESIDENTIAL WATER SERVICE
RATE CODE: W01**

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.

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.

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

11/1/2022

Basic Service Charge

<u>Meter Size</u>	
5/8" or 3/4"*	\$16.36 Per month
1"	\$38.72 Per month
1 ¼" or 1 ½"	\$86.35 Per month
2"	\$151.81 Per month

Commodity Charge

Block 1	\$3.40 Per CCF for the first 2 CCF of water
Block 2	\$4.35 Per CCF for all CCF over 2 CCF of water

* The BWL standard residential installation is a 1" service line with a ¾" meter. The BWL reserves the right, in its sole judgment, to install 5/8" meters on any new service installation when circumstances warrant.

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**GENERAL WATER SERVICE
RATE CODE: W02**

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.

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

11/1/2022

Basic Service Charge

<u>Meter Size</u>	
5/8” or 3/4”*	\$16.36 Per month
1”	\$38.72 Per month
1 ¼” or 1 ½”	\$86.35 Per month
2”	\$151.81 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 \$3.93 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.

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**WATER SYSTEM CONNECTION FEES
RATE NO. 3**

System Connection Fees – Effective July 1, 2023, this rate is closed and will be within the fee schedule of the Rules and Regulations. The following schedule of fees shall apply to all new water service connections made to Lansing Board of Water & Light (“BWL”) mains. Existing active services that are being upgraded and replaced with a larger service shall receive an offset to the new service connection fee in the amount of the connection fee of the replaced service.

Service Connection to Main	<u>11/1/2022</u>
1” or smaller	\$1,330
1 ½”	\$2,930
2”	\$5,210
3”	\$5,860
4”	\$10,410
6”	\$23,430
8” and over	\$41,650

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 subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



**FIRE PROTECTION SERVICE
RATE CODE: W04**

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.

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	<u>11/1/2022</u>
4” or smaller	\$98.80
6”	\$228.96
8”	\$400.00
10” or larger	\$650.00

Minimum Bill - Billings subject to this rate are not subject to a Minimum Bill.

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 subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



**GENERAL LAWN SPRINKLING WATER SERVICE
RATE CODE: W05G**

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.

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

Basic Service Charge	<u>11/1/2022</u>
<u>Meter Size</u>	
5/8” or 3/4”*	\$1.00 Per month
1”	\$1.50 Per month
1 ¼” or 1 ½”	\$2.67 Per month
2”	\$3.21 Per month
3”	\$15.02 Per month
4”	\$17.46 Per month
6”	\$24.03 Per month
8”	\$35.30 Per month
10”	\$48.38 Per month
 Commodity Charge	 \$4.35 Per CCF for all CCF of water

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**RESIDENTIAL LAWN SPRINKLING WATER SERVICE
RATE CODE: W05R**

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.

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

Basic Service Charge	<u>11/1/2022</u>
<u>Meter Size</u>	
5/8” or 3/4”*	\$1.00 Per month
1”	\$1.50 Per month
1 ¼” or 1 ½”	\$2.67 Per month
2”	\$3.21 Per month
3”	\$15.02 Per month
4”	\$17.46 Per month
6”	\$24.03 Per month
8”	\$35.30 Per month
10”	\$48.38 Per month
 Commodity Charge	 \$4.35 Per CCF for all CCF of water

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.

Application Charge - A \$10.00 charge shall be added to the first regular bill for turning on service at a Premises irrespective of prior service with the BWL.



**FIRE HYDRANT SERVICE
RATE CODE: W06**

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:

11/1/2022

Per Hydrant	\$655.20
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Minimum Bill - Billings subject to this rate are not subject to a Minimum Bill.

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 subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



**WATER POWER AND CHEMICAL COST ADJUSTMENT
RIDER CODE: PCA**

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 (12) 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.

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

W01	W02	W05R
W05G	Other per Contract Terms	



**WATER ENVIRONMENTAL CHARGE
RIDER CODE: ENVW**

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**.

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

W01	W02	W05R
W05G	Other per Contract Terms	



**RESIDENTIAL WATER SERVICE
RATE CODE: W01**

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.

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.

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

11/1/2023

Basic Service Charge

<u>Meter Size</u>	
5/8" or 3/4"*	\$16.86 Per month
1"	\$38.72 Per month
1 ¼" or 1 ½"	\$86.35 Per month
2"	\$151.81 Per month

Commodity Charge

Block 1	\$3.40 Per CCF for the first 2 CCF of water
Block 2	\$5.42 Per CCF for all CCF over 2 CCF of water

* The BWL standard residential installation is a 1" service line with a ¾" meter. The BWL reserves the right, in its sole judgment, to install 5/8" meters on any new service installation when circumstances warrant.

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.



**GENERAL WATER SERVICE
RATE CODE: W02**

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.

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

11/1/2023

Basic Service Charge

<u>Meter Size</u>	
5/8” or 3/4”*	\$16.86 Per month
1”	\$38.72 Per month
1 ¼” or 1 ½”	\$86.35 Per month
2”	\$151.81 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 \$4.51 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.

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.



**FIRE PROTECTION SERVICE
RATE CODE: W04**

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.

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	<u>11/1/2023</u>
4” or smaller	\$102.75
6”	\$242.70
8”	\$420.00
10” or larger	\$715.00

Minimum Bill - Billings subject to this rate are not subject to a Minimum Bill.

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 subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



**GENERAL LAWN SPRINKLING WATER SERVICE
RATE CODE: W05G**

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.

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

Basic Service Charge	<u>11/1/2023</u>
<u>Meter Size</u>	
5/8” or 3/4”*	\$2.00 Per month
1”	\$3.00 Per month
1 ¼” or 1 ½”	\$5.34 Per month
2”	\$6.43 Per month
3”	\$30.05 Per month
4”	\$34.92 Per month
6”	\$48.06 Per month
8”	\$70.59 Per month
10”	\$96.75 Per month
 Commodity Charge	 \$5.42 Per CCF for all CCF of water

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.



**RESIDENTIAL LAWN SPRINKLING WATER SERVICE
RATE CODE: W05R**

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.

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

Basic Service Charge	<u>11/1/2023</u>
<u>Meter Size</u>	
5/8” or 3/4”*	\$2.00 Per month
1”	\$3.00 Per month
1 ¼” or 1 ½”	\$5.34 Per month
2”	\$6.43 Per month
3”	\$30.05 Per month
4”	\$34.92 Per month
6”	\$48.06 Per month
8”	\$70.59 Per month
10”	\$96.75 Per month
 Commodity Charge	 \$5.42 Per CCF for all CCF of water

Minimum Bill - The Minimum Bill shall be the above Basic Service Charge.

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 water, 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 Water Service hereby incorporated by reference.



**FIRE HYDRANT SERVICE
RATE CODE: W06**

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:

11/1/2023

Per Hydrant \$681.41

Minimum Bill - Billings subject to this rate are not subject to a Minimum Bill.

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 subject to the BWL Rules and Regulations for Water Service hereby incorporated by reference.



**WATER POWER AND CHEMICAL COST ADJUSTMENT
RIDER CODE: PCA**

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 (12) 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.

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

W01	W02	W05R
W05G	Other per Contract Terms	



**WATER ENVIRONMENTAL CHARGE
RIDER CODE: ENVW**

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**.

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

W01	W02	W05R
W05G	Other per Contract Terms	

Attachment C
Steam



**GENERAL STEAM SERVICE
RATE CODE: S01**

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

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

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

	<u>11/1/2022</u>
Basic Service Charge	\$18.54 Per month
Commodity Charge	
Months of June through November	\$21.05 Per 1,000 lbs. for the first 200,000 lbs. \$22.10 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.
Months of December through May	\$21.27 Per 1,000 lbs. for the first 200,000 lbs. \$22.34 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.

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

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

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

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

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



**INDUSTRIAL STEAM SERVICE
RATE CODE: S02**

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

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

11/1/2022

Demand Charge

Contract Demand	\$2.10 Per pound per hour (lb./hr.) for all lb./hrs. of contract demand
Excess Demand	\$1.80 Per pound per hour (lb./hr.) for all lb./hrs. exceeding contract demand

Commodity Charge

\$12.75 Per 1,000 lbs. (Mlbs.)

Minimum Charge - Monthly Contract Demand Charge above.

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

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

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

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



**CONTRACT STEAM SERVICE
RATE CODE: S03**

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

Monthly Rate - Per contract terms.

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

Steam Environmental Charge - Per contract terms.

Amine Treatment Adjustment - Per contract terms.

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

Minimum Charge - Per contract terms.

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



**RESIDENTIAL STEAM SERVICE
RATE CODE: S05**

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.

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

	<u>11/1/2022</u>
Basic Service Charge	\$14.25 Per month
Commodity Charge	
Months of June through November	\$16.34 Per 1,000 lbs. for the first 200,000 lbs. \$17.10 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.
Months of December through May	\$16.51 Per 1,000 lbs. for the first 200,000 lbs. \$17.28 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.

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

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

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

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

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



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

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

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

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

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

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

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



**STEAM ENVIRONMENTAL CHARGE
RIDER CODE: ENVS**

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

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



**GENERAL STEAM SERVICE
RATE CODE: S01**

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

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

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

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

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

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

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

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

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



**INDUSTRIAL STEAM SERVICE
RATE CODE: S02**

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

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

11/1/2023

Demand Charge

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

Commodity Charge

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

Minimum Charge - Monthly Contract Demand Charge above.

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

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

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

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



**CONTRACT STEAM SERVICE
RATE CODE: S03**

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

Monthly Rate - Per contract terms.

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

Steam Environmental Charge - Per contract terms.

Amine Treatment Adjustment - Per contract terms.

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

Minimum Charge - Per contract terms.

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



**RESIDENTIAL STEAM SERVICE
RATE CODE: S05**

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.

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

	<u>11/1/2023</u>
Basic Service Charge	\$16.25 Per month
Commodity Charge	
Months of June through November	\$18.26 Per 1,000 lbs. for the first 200,000 lbs. \$19.11 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.
Months of December through May	\$18.43 Per 1,000 lbs. for the first 200,000 lbs. \$19.29 Per 1,000 lbs. for all 1,000 lbs. over 200,000 lbs.

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

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

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

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

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



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

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

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

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

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

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

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



**STEAM ENVIRONMENTAL CHARGE
RIDER CODE: ENVS**

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

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

**Attachment D
Chilled Water**



**CHILLED WATER FUEL COST ADJUSTMENT
RIDER CODE: CWFCA**

Purpose - The Fuel Cost Adjustment permits the monthly adjustment of rates for the costs of fuel incurred in supplying chilled water. All rates are subject to the Fuel Cost Adjustment. In applying the Fuel Cost Adjustment, the applicable rate per ton-hour shall be increased or decreased by the amount of the current Fuel Cost Adjustment.

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

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

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

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

Base Cost of Fuel - The average Fuel Cost included in the fuel rates of the various rate schedules. Such amount shall not be recovered by means of the Fuel Cost Adjustment. The current Base Cost of Fuel is \$0.216 per ton-hour of chilled water (ton-hr) sold.



**CHILLED WATER ECONOMIC DEVELOPMENT RIDER
RIDER CODE: EDRC**

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.

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 (3) highest registered demands of historical load billed during the twelve (12) month period prior to the implementation of the incentive.



**STANDARD COMMERCIAL CHILLED WATER SERVICE
RATE CODE: CW1**

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.

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

11/1/2023

Capacity Charge

Contract Demand	\$49.49	Per ton for all tons of Billing Demand less than or equal to 105% of the contract demand
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Excess Demand	\$69.30	Per ton for all tons of Billing Demand exceeding 105% of the contract demand
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Commodity Charge	\$0.132	Per ton-hour
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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.

Minimum Monthly Charge - The Capacity Charge included in the rate.

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.

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: (1) each degree Fahrenheit the Service Location’s supply and return water temperature differential is less than 10 degrees F or, (2) each degree Fahrenheit the Service Location’s 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 Chilled Water Service hereby incorporated by reference.



**CHILLED WATER FUEL COST ADJUSTMENT
RIDER CODE: CWFCA**

Purpose - The Fuel Cost Adjustment permits the monthly adjustment of rates for the costs of fuel incurred in supplying chilled water. All rates are subject to the Fuel Cost Adjustment. In applying the Fuel Cost Adjustment, the applicable rate per ton-hour shall be increased or decreased by the amount of the current Fuel Cost Adjustment.

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

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

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

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

Base Cost of Fuel - The average Fuel Cost included in the fuel rates of the various rate schedules. Such amount shall not be recovered by means of the Fuel Cost Adjustment. The current Base Cost of Fuel is \$0.216 per ton-hour of chilled water (ton-hr) sold.



**CHILLED WATER ECONOMIC DEVELOPMENT RIDER
RIDER CODE: EDRC**

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.

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 (3) highest registered demands of historical load billed during the twelve (12) month period prior to the implementation of the incentive.