



**LANSING BOARD OF WATER & LIGHT BOARD OF COMMISSIONERS
COMMITTEE OF THE WHOLE MEETING
September 1, 2026 – 5:30 P.M.
REO Town Depot - Board of Water & Light Headquarters
1203 S. Washington Ave., Lansing, MI 48910**

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

AGENDA

Call to Order

Roll Call

Public Comments on Agenda Items

1. Approval of the Committee of the Whole Meeting Minutes of July 14, 2026.....**TAB 1**
2. Retirement Plan Committee (RPC) Update.....**TAB 2**
3. Safety and Health Policy Revision.....**TAB 3**
 - a. Safety and Health Policy Resolution
4. Carbon Neutrality Program Results for Calendar Year 2025.....**TAB 4**
5. Integrated Resource Plan (IRP).....**TAB 5**
6. Environmental Compliance Overview.....**TAB 6**
7. NERC Compliance Update.....**TAB 7**

Other

Adjourn

COMMITTEE OF THE WHOLE
Meeting Minutes
July 14, 2026

The Committee of the Whole of the Lansing Board of Water & Light (BWL) met at the BWL Headquarters-REO Town Depot located at 1201 S Washington Ave., Lansing, MI, on Wednesday, July 14, 2026.

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

Present: Commissioners Chris Harkins, Semone James, Tony Mullen, David Price, Dale Schrader and Sandra Zerkle.

Absent: Commissioners Beth Graham and DeShon Leek.

Corporate Secretary LaVella Todd declared a quorum.

Public Comments

There were no public comments.

Approval of Minutes

Commissioner Semone James noted the May 7, 2026 Committee of the Whole Meeting minutes needed a correction as Commissioner Tony Mullen was marked both present and absent at the meeting. Corporate Secretary LaVella Todd stated she would ensure the meeting minutes were corrected.

Motion by Commissioner David Price, **Seconded** by Commissioner Tony Mullen, to approve the Committee of the Whole Meeting minutes of May 7, 2026 as modified.

Action: Motion carried. The minutes were approved.

Retirement Plan Committee (RPC) Update

General Manager (GM) Dick Peffley introduced Chief Financial Officer (CFO) Scott Taylor to present the Retirement Plan Committee (RPC) Update. The following specifics were presented by CFO Taylor: Investment Activity Update – Defined Benefit (DB) Plan: Liability Driven Investing (LDI) Timeline; Voluntary Employee Benefit Administration (VEBA) Plan: US Small Cap Investment Manager and Updated Asset Allocation

Question: [Inaudible] – CFO Taylor answered: Asset Consulting Group.

RPC Update cont.

Defined Contribution 401(a) & Deferred Compensation 457 (b) Plans. Administrative Activity Update – Defined Benefit Plan (DB) & Voluntary Employee Benefit Plan (VEBA): Actuarial Services Contract; Defined Contribution and Deferred Compensation Plans: Nationwide Loan Program. CFO Taylor shared pro and con details on employee loans offerings. As part of the 401(a) and 457(b) plan update, CFO Taylor also noted that the expected availability date for the new funds would likely shift out by approximately 30 days from what was shown on the slide in order to allow time to come to appropriate terms on the new fund contracts.

Commissioner Zerkle asked if employees are provided with pro and con details and information during the loan interview process due to the possibility of getting a less expense loan? CFO Taylor responded he would check with Nationwide on more specifics, but it is a fairly streamlined process and as long as participants meet the basic requirements, they are allowed to move along in the process.

Commissioner James inquired if they (employees) were paying themselves back? CFO Taylor responded in the affirmative.

CFO Taylor continued the RPC Update presentation.

Commissioner Schrader asked if it was common for employees to borrow from their 401(a) account? And, what is the term or length of the loan? CFO Taylor responded that there are typically around 270 loans outstanding at any given time with a total value of approximately \$3M compared to total 401 and 457 plan assets of approximately \$400M.. Term length is generally up to 5-years, and up to 15-years (for a mortgage loan). According to Plan Sponsor Council of America (PSCA) survey, according to plan sized similar to BWL, 86% offered a loan program and this increases to 96% when looking at the utility or energy specifically.

Commissioner Harkins asked if there was an auto-enroll percentage for BWL employees to contribute? CFO Taylor responded – 401(a) is automatic; 457(b) is the account employees elect to contribute to, and they are encouraged to ensure they receive the match benefit. CFO Taylor concluded his update.

Rules and Regulations Update

GM Peffley introduced Director of Strategic Planning & Development (SPDD) Kellee Christensen to present the Rules and Regulations Update. SPDD Christensen presented the following specifics of the FY27 Rules and Regulations Update Sections: Definitions, General Provisions, Characteristics of Service, Use of Service, Metering, Application of Rates, Bills and Payments, Dispute and Hearing Procedure, Distribution System Extensions, Services, Compliance, Other Individual Utility Issues, and Fees and Charges.

Commissioner Price asked how common it is to have a shared residency, basically two people on the account?

SPDD Christensen responded and clarified – there is only one person on the account. If someone with a delinquent account returns to the service territory, and we find they were co-residents (at the time of the delinquency), we can go back to collect those delinquencies.

Commissioner Mullen asked a question [Inaudible]

SPDD Christensen responded that these changes went into all the Rules and Regulations.

Commissioner James asked if there is a possibility of transferring a delinquent account to someone else?

SPDD Christensen responded, yes, if a person left a delinquent account, and they have moved in with someone else, and they are taking over service, we have tightened the rules on how and when we can collect on that delinquency if they are cohabitating with someone, or they try to restart an account.

Commissioner James asked who bears the burden of proving the responsibility?

SPDD Christensen responded that Customer Accounts has a whole process they use to determine whether they can collect it or not.

Commissioner James asked can the service still remain active while they (Customer Accounts) dispute (the delinquency)?

SPDD Christensen responded, yes. It's more about putting the service in someone's name if they haven't paid (the delinquency). Asst GM Heather Shawa added – the service is not going to be shut off while the delinquency is being investigated.

Commissioner James asked, has legal counsel reviewed the language for due process and legal signed off?

SPDD Christensen and Asst GM Shawa responded, yes.

Commissioner James asked do the rules distinguish between spouses or unrelated roommates or landlords, tenants [Inaudible]?

SPDD Christensen responded, It's really about cohabitation.

SPDD Christensen continued presenting the Rules and Regulations Update, specifically the Review and Process steps; Fiscal Year 2027 Proposed Changes (all utilities) – four categories: Substantive changes, Non-substantive changes, Fee and Charges adjustments, increases, or language changes, and the Rules and of Regulations for Hot Water development – effective October 1, 2026, if approved. SPDD Christensen noted the revision of Rules 2.2.A: Collection, Use, and Privacy of Customer Information utilities, and the addition of Rule 2.2.A.3.E. to describe the units of consumption and demand we collect from customer metering for hot water, and the clarity revision of Rule 7.1.E and I: Billing and Payments, Responsibility for Payment of Bills. In addition, SPDD Christensen shared the Proposed Changes to Electric Utility, namely, Revision of Rule 5.8: Meeting, Advancing Meter Opt-Out; Revision of Rule 13.2.L and N: Use of Equipment, Authorized Attachments; addition of Rule 11.7: Services, Bulk water, and Revision of Rule 15: Fees and Charges. Also, SPDD Christensen shared there were no proposed changes to the Steam Utility, as a review of the Rules and Regulations was completed to ensure that, as we transition from Steam, BWL continues to maintain current customers until all customers are transitioned from Steam, while limiting system expansion.

GM Peffley shared details, and feedback received after the implementation of an industry-standard fee charged for hanging banners on streetlight poles. Mr. Peffley stated though staff did an outstanding job of prepping all the customers for a whole year, and some of the fees were very large, the implementation was met with such opposition, SPDD Christensen had to rewrite it as an application fee.

Commissioner Schrader shared appreciation on behalf of the Old Town Neighborhood Association for BWL listening to their concerns and making the change.

Commissioner James asked what the fees were?

GM Peffley stated the fees were common to the rest of the industry – we weren't above or below, and asked SPDD Christensen to respond. SPDD Christensen stated there was a one-hundred-dollar permit application fee, and thirteen dollars per banner, per month, for the length of the application.

In conclusion, SPDD Christensen gave a brief overview of the new addition to the Rules and Regulations Hot Water Service, stating the utility is modeled from Chilled Water Rules and Regulations, and input was received from subject matter experts from Water T & D, Legal, other utilities, and consultants.

Commissioner Price asked when the first customer would come on line with hot water.

GM Peffley responded that Lansing Community College would be in the Fall of 2027. Others are lined up to follow.

SPDD Christensen highlighted the contingent statement included in the Rules and Regulations Resolution. GM Peffley requested approval of said resolution.

Rules and Regulations Resolution

Motion by Commissioner David Price, **Seconded** by Commissioner Dale Schrader, to forward the Rules and Regulations Resolution to the full Board for consideration.

Action: Motion carried.

Updated Rules of Procedure

GM Peffley introduced Deputy General Counsel (DGC) Jason Hawkins to present the Updated Rules of Procedure. DGC Hawkins presented the Updated Rules of Procedure agenda item, stating the Committee had previously asked Legal Services to review provisions of the new City Charter and compare those to the existing Rules of Procedure to see if there was anything that needed updating, and then to make any other suggested revised for the Committee to consider. During the process he met several times with Commissioner Zerkle, who was a major help in getting the project done and getting the revisions to the committee, and asked how the Committee would like to proceed with the review.

Commissioner James shared she had a litany of questions, and that there appeared to be proposed changes made that were not provided to the Board previously.

Commissioner Zerkle commented that the last version members got should have been the final one she, DGC Hawkins, and General Counsel Mark Matus agreed on.

Commissioner Price suggested the Committee allow DGC Hawkins to go through the presentation with the changes outlined therein, and proceed with questions and discussion thereafter. The Committee members unanimously agreed with Commissioner Price.

DGC Hawkins proceeded with the presentation and highlighted the draft Rules of Procedure with revisions previously presented to the Committee.

When DGC Hawkins referenced the Board Pension Fund Trustee Committee language, Commissioner Price commented that he believed there may have been some confusion regarding the section(s) with revised language relating to the Board Pension Fund Trustee Committee, because as soon as you become a commissioner, you are a trustee automatically.

DGC Hawkins shared that the BWL website currently has a list of committees and the Board Pension Fund Trustees is separate from that, and therefore should not be listed as a committee in the Rules of Procedure. Commissioner Price commented in the affirmative.

Commissioner James commented she received an email from the Corporate Secretary's office that contained 'these' revised Rules of Procedure, and that there were no page numbers, or the page numbers were misconfigured. Commissioner Harkins also shared comments regarding the redlined version he received.

Commissioner James recommended that in the future a clean copy be provided along with the redlined version.

GM Peffley observed that there appeared to be two different documents that were circulated to the Committee members, and suggested that staff the need to develop a plan to ensure everyone has the same document – the redlined version and the clean copy.

Following lengthy discussion on the language in the redlined copies of the Rules of Procedure, and the potential changes in regard to the Executive Committee, Commissioner Mullen, followed by Commissioner Price, suggested the updated Rules of Procedure agenda item be tabled until the correct version of the redlined document, along with a clean copy can be emailed to the Committee for review, and comments. It was also suggested that changes and suggestions can be directed back to Corporate Secretary (CS) Todd to share with DGC Hawkins to develop a revised document with a clean copy to discuss at the next Committee meeting.

Commissioner James supported Commissioner Price's suggestion, and stated she would like to meet with DGC Hawkins to discuss her comments. Commissioner Price supported Commissioner James' suggestion.

CS Todd stated it would be advantageous for Commissioners to share their questions, comments, concerns and discussion(s) directly with the Legal Services Department instead of going through her, once the correct version of redlined Rules of Procedure were provided, along with a clean to the Committee.

CS Todd affirmed that the June 17, 2026 redlined version of the Rules of Procedure, along with the memo emailed to the full Board on June 19, 2026, was the last version of the documentation she received from DGC Hawkins and supported his steps taken. In addition, CS Todd apologized if Commissioners received a different version of the Rules of Procedure documentation in the packet.

Commissioner James also presented discussion regarding the Board of Commissioners' required training(s) under the new City Charter.

At the suggestion of Commissioner James, DGC Hawkins stated he was going to consult with the City Attorney's Office to confirm what training would be required of the Board, and when it needs to be completed.

Motion by Commissioner David Price, **Seconded** by Commissioner Tony Mullen, to table further discussion on the Updated Rules of Procedure until the September Committee Meeting to allow time to locate and provide the correct version of the redlined Rules of Procedure and a clean copy of the document to the Committee for review.

Action: Motion carried.

Other

Commissioner Mullen stated the Commissioners were provided with iPads several years ago by the Board of Water & Light to reduce the time, effort and money that goes into printing documents, and does not feel they are necessary for all Commissioners. Subsequently, Commissioner Mullen suggested Commissioners individually let CS Todd know if they want printed meeting packets or not. Commissioner Price supported Commissioner Mullen's suggestion of sustainability efforts. Commissioners will email CS Todd to advise if they want printed meeting packets or not.

Commissioner Zerkle shared appreciation on behalf of the Board of Commissioners for the BWL staff restoration efforts during the July 4th storm.

GM Peffley stated he would share the Commissioners' support with the staff and plans to provide an update at the July Regular Board meeting.

Commissioner Price shared thanks to the Board of Water & Light for sponsoring Commissioners to attend the APPA 2026 National Conference in Boston, MA.

Motion by Commissioner Semone James, **Seconded** by Commissioner Chris Harkins, for excused absences for Commissioners Beth Graham and DeShon Leek.

Action: Motion Carried.

Adjourn

Chairperson Sandra Zerkle adjourned the meeting at 6:45 p.m.

Respectfully Submitted,
Sandra Zerkle, Chairperson
Committee of the Whole



RETIREMENT PLAN COMMITTEE (RPC)

Investment Activity Updates for Committee of the Whole: 9/1/2026

Investment Activity Update

- Defined Benefit (DB) Plan
 - Liability Driven Investing (LDI)
 - Implementation of the new strategy is substantially complete.
 - Modest additional rebalancing will occur over time as additional liquidations from the real estate investments occur.

Investment Activity Update

- Defined Contribution 401(a) & Deferred Compensation 457(b) Plans
 - Participation agreements for each new investment option have been signed by all parties and fully executed as of August 14, 2026.
 - Participant communications are planned for the week of August 31, 2026.
 - The scheduled transfer/availability date for the new funds will be October 9, 2026.



RETIREMENT PLAN COMMITTEE (RPC)

Administrative Activity Updates for Committee of the Whole: 9/1/2026

Administrative Activity Update

- Defined Benefit Plan (DB) & Voluntary Employee Benefit Administration Plan (VEBA)
 - ACG Staffing Update
 - Nathan Burk resigned from ACG effective July 31, 2026.
 - Patrick Miller and George Tarlas, who have been working with the RPC, will take on more prominent roles following Nathan's departure to ensure a seamless transition and continued support for the committee.
 - VEBA Administrative Services Agreement (ASA) Reimbursement
 - Based on sufficiency of funding and investment performance, the RPC approved the FY26 Q4 reimbursement from the VEBA Plan to the BWL of \$5,680,162. The amount was calculated consistent with terms of the ASA.

Administrative Activity Update

- Defined Contribution and Deferred Compensation Plans
 - Nationwide Contract
 - At the May quarterly investment meeting, Nationwide presented an offer of revised pricing terms should the RPC chose to extend the contract at its expiration at the end of the calendar year.
 - The RPC reviewed the updated terms along with Captrust's recommendation and supporting analysis. Given Nationwide's competitive fee structure, significant resources, and strong working relationship with the BWL, the RPC determined it would be in the best interest of the plan and participants to enter into a new five-year contract with Nationwide upon expiration of the current contract.
 - The new contract is under review and expected to be executed by the end of September.

Glossary

- **DB** Defined Benefit Plan - The plan is a noncontributory single-employer defined benefit pension plan for employees of the BWL. The Defined Benefit Plan, by resolution of the Board of Commissioners, was closed to employees hired subsequent to December 31, 1996, and a defined contribution plan was established for employees hired after December 31, 1996. Effective December 1, 1997, all active participants in this plan were required to make an irrevocable choice to either remain in this plan (defined benefit) or move to the newly established defined contribution plan. Those participants who elected to move to the defined contribution plan received lump-sum distributions from this plan that were rolled into their accounts in the newly established defined contribution plan. Of the 760 employees who were required to make this election, 602 elected to convert their retirement benefits to the newly established defined contribution plan.
- **VEBA** Voluntary Employee Benefit Administration - The Post-Retirement Benefit Plan is a single-employer defined benefit healthcare plan. The Plan provides medical, dental, and life insurance benefits. Substantially all of the BWL's employees may become eligible for healthcare benefits and life insurance benefits if they reach normal retirement age while working for the BWL.
- **DC 401(a)** Defined Contribution Plan - The Defined Contribution Plan covers substantially all full-time employees hired after December 31, 1996. In addition, 602 employees hired before January 1, 1997 elected to convert their retirement benefits from the Defined Benefit Plan effective December 1, 1997. The Defined Contribution Plan operates as a money purchase pension plan and meets the requirements of Sections 401(a) and 501(a) of the IRC of 1986, as amended from time to time. For employees hired before January 1, 1997, the BWL is required to contribute 15.0% of the employees' compensation. For employees hired after January 1, 1997, the BWL is required to contribute 9.5% of the employees' compensation. In addition, the BWL is required to contribute 3.0% of the employees' compensation for all employees who are not eligible to receive overtime pay and 0.5% of the employees' compensation for all nonbargaining employees. No participant contributions are required.
- **DC 457(b)** Deferred Compensation Plan - The Deferred Compensation Plan covers substantially all full-time employees. The BWL contributes \$1,000 on behalf of each participant as of the first pay period of each year. Additionally, the BWL will provide a 100% match for each participant's contributions annually, up to \$1,500.
- **ASA** Administrative Services Agreement – The administrative services agreement is an agreement between the BWL and the VEBA trust regarding the payment of VEBA plan benefits. The agreement calls for the BWL to handle the processing of benefit payments and allows for the reimbursement for payment from the VEBA trust if certain conditions are satisfied. These conditions include both funding status and investment performance measures.



Sec: S1-02

LANSING BOARD OF WATER & LIGHT

POLICY

SAFETY AND HEALTH

APPROVED:

COMMISSION

POLICY

TYPE: COMMISSION

SCOPE: This policy applies to the actions of all persons working for the Lansing Board of Water & Light (BWL), including employees and contractors.

PURPOSE: This policy provides an overview of the BWL Safety and Health Program and the responsibilities of the BWL, including its management, employees, and contractors in achieving a safe working environment.

POLICY: The ~~Lansing Board of Water & Light~~ BWL recognizes its responsibility for providing a safe working environment for its employees, contractors, customers and the general public. To that end, the safety and health program shall create an understanding that safety is not a priority that can be changed, but a value associated with every priority. This responsibility can only be met by providing a comprehensive safety and health program that will:

- Comply with all governmental rules and regulations.
- Promote safety awareness among all employees through training.
- Provide safety equipment necessary for the safe completion of a task.
- Develop and implement a continuous improvement process to identify and eliminate unsafe conditions or acts.

We further recognize that safety is beneficial to the employee, the employee's family, the customer and the community. Therefore, it is our commitment to provide a safe and healthy workplace and to ensure that safety is never secondary to any ~~other~~ business priority. It is also understood that anyone providing services to the Board of Water & Light will be held to the same high standards regarding the safety and health of their employees.

It is the responsibility of each employee to work safely for their benefit and the benefit of their co-workers. This responsibility includes following the safety rules and planning each work activity utilizing risk assessment, good judgment, trained skills and ~~a~~ sincere dedication to safe work practices.

It is the responsibility of each employee in leadership positions to actively support the ~~BWL Board of Water & Light~~'s overall safety and health program. Included in this responsibility are proper planning, monitoring and enforcing the use of safe working practices and safety rules.

To be successful all employees must develop proper attitudes toward injury and illness prevention. This requires cooperation in all safety and health matters, not only between supervisor and employee but also between each

employee and their co-workers. Only through such a cooperative effort can this safety and health program be established and preserved.

REFERENCES: [Safety Manual](#)

RESPONSIBLE AREA & DEPT NAME: ~~-525,~~ [Safety](#)

EXECUTIVE DIVISION: [Human Resources](#)

EXECUTIVE RECORD OF APPROVAL DATE:

POLICY REVIEW:

REVIEWED BY	DATE	DUE DATE NEXT REVIEW
Alex Martin	1/13/2026	
REVIEWED BY - INTERNAL AUDITOR	DATE (*not to exceed 5 years)	COMMENTS

LANSING BOARD OF WATER & LIGHT

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REFERENCES: Safety Manual

RESPONSIBLE AREA & DEPT NAME: 525, Safety

EXECUTIVE DIVISION: Human Resources

EXECUTIVE RECORD OF APPROVAL DATE:

POLICY REVIEW:

REVIEWED BY	DATE	DUE DATE NEXT REVIEW
Alex Martin	1/13/2026	
REVIEWED BY - INTERNAL AUDITOR	DATE (*not to exceed 5 years)	COMMENTS

RESOLUTION 2026-09-XX
Revised Safety and Health Policy

WHEREAS, the Board of Commissioners (“Board”) adopted a Safety and Health Policy (“Policy”) on January 26, 2006 (Resolution 2006-01-10) as a result of an audit of the BWL’s safety culture performed by the National Safety Council; and

WHEREAS, the Policy recognizes the BWL’s responsibility for providing a safe working environment for its employees, contractors, customers and the general public and to that end established a comprehensive safety and health program that:

- Complies with all governmental rules and regulations.
- Promotes safety awareness among all employees through training.
- Provides safety equipment necessary for the safe completion of a task.
- Develops and implements a continuous improvement process to identify and eliminate unsafe conditions or acts.

WHEREAS, this overarching policy based on the 2006 Resolution is now embodied in the BWL Safety and Health Program (“Program”) that is detailed in the BWL Safety Manual and related Program materials, which need to be modified from time to time to adapt to new circumstances and regulatory changes; and

WHEREAS, the BWL’s culture at its core has always revolved around safety and the importance of it being observed as job one, which has resulted in the Program being nationally recognized and awarded by entities like the American Public Power Association; and

WHEREAS, to facilitate the need for prompt updates to the Program, Management recommends that the Board expressly delegate authority to make such operational changes to the Program, including its underlying operational policies and Safety Manual, to the General Manager pursuant to the General Manager’s role and responsibility for the day-to-day operation of the BWL; and

WHEREAS, BWL staff has conducted a review of the Policy and determined updates are appropriate for clarity and to bring it in conformance with BWL’s policy format to include a scope and purpose.

THEREFORE, it is:

RESOLVED, that the Board of Commissioners approve and adopt the revised Safety and Health Policy.

Motion by Commissioner _____, **Seconded** by Commissioner _____, to approve the revised Safety and Health Policy at a Board meeting held on September 22, 2026.

Action:

An aerial photograph showing rows of solar panels in a field during sunrise or sunset. The sun is low on the horizon, creating a warm, golden glow and long shadows. In the background, there are trees and some industrial structures.

Carbon Neutrality Programs

September 1, 2026



Hometown People. Hometown Power.

A photograph of a wind farm on a grassy hill. In the foreground, a large white wind turbine stands prominently. In the background, another turbine is visible on a distant ridge. The sky is filled with soft, white clouds, and the lighting suggests a sunrise or sunset. The image is partially obscured by a dark blue diagonal shape that serves as a background for the text.

Carbon Neutrality Programs

- Energy Optimization Programs
- Customer Owned Solar
- Electric Vehicle Charging
- Demand Response

Hometown Energy Savers®

Energy Optimization Programs for customers

- Residential Programs:
 - Home Energy Visit
 - Appliance Recycling
 - ENERGY STAR® Appliances
 - Heating & Cooling
 - Electrification
 - Multifamily
- Small Business Programs
- Commercial & Industrial Programs
- Energy Education K-8
- Pilot Programs



GET YOUR REBATE!

BWL Home Energy Visits

- The Home Energy Visit (HEV) program helps residential households improve energy efficiency and lower utility bills
- The program targets low-income households
- A HEV provides the following free products and services:
 - Installation of LED lightbulbs and other energy-saving measures
 - Installation of water saving measures (electric water heater)
 - Home assessment and tips on additional ways to save energy and lower bills
- Gateway to other Energy Optimization programs



2025 Home Energy Visit Accomplishments

Total Visits: 361

- 297 Income Qualified
- 64 Market Rate
- 887,229 kWh Saved
- \$272,592 worth of energy savings measures installed

Appliance Replacements

- 176 Refrigerators
- 181 Small Appliances

Appliance Rebates

- \$187,906
- 253,569 kWh

Calendar Year 2025 Results



2.5% energy savings compared to 2025 retail sales – 1% over BWL target



Under budget, while obtaining 165% of portfolio goal



LG Energy Solutions highlight:

Energy Savings: 21,479,954 kWh
Rebate: \$350,000

Energy Optimization Portfolio Performance

2025 Calendar Year

GROSS KWH SAVED



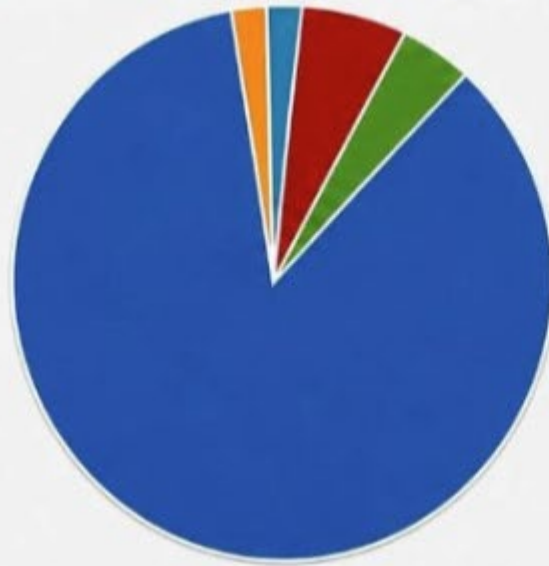
54,849,332

BUDGET SPEND



\$3,339,744

PORTFOLIO KWH SAVINGS



- Appliance Recycling
- High Efficiency Products
- Low Income
- Multi-family Efficiency
- Commercial & Industrial
- Small Business

Prominent 2025 Projects

Program	Project Name	Type of Project	kWh	Incentives
Appliance Recycling	Recycle Rama	114 Eligible Appliances Recycled	15,282	\$2,850
Low Income	Silverstone Apartments	Energy Kits, 92 Refrigerators Replaced	122,394	\$56,662
Low Income	Colonial Woods Senior Apartments	Direct Install 50 Refrigerators and 72 AC's Replaced	100,803	\$78,152
Low Income	Abbott Parkside Senior Apartments	30 AC's Replaced	11,700	\$21,573
Multifamily	Willow Ponds Townhomes	136 Self-Install Energy Kits delivered to Residents	21,488	\$2,992
C&I	LG	Custom: Interior Lighting Installation	12,741,640	\$250,000
C&I	LG	Dew Point Sensor Control for Desiccant Dryer, Heat of Compression Air Dryer, VFDs	8,737,955	\$100,000
C&I	Michigan Forge Company	Custom: Induction Furnace Replacement	2,326,295	\$130,625
C&I	Liquid Web Inc	Custom: Replacement of 3 UPS w/High Efficient models	1,835,707	\$100,000
C&I	General Motors LLC	Chiller Tune Up	1,731,120	\$35,996
SB	Marshall Street Armory	Fluorescent Relamping-TLED Tube	53,137	\$16,125
SB	George F Eyde Family	Fluorescent Delamping and Fluorescent Relamping-TLED Tube	45,677	\$5,976
SB	Great Giant Of Lansing Inc	Night Cover for Open Refrigerated Grocery Display	39,254	\$1,836
SB	Boys & Girls Club of Lansing	Fluorescent Delamping and Fluorescent Relamping-TLED Tube and LED A-Lamp	25,702	\$6,143



BWL Community Impact – Hometown People

- ❖ Programs, partnerships and community events that provide direct services and financial support to our community with a focus on our most vulnerable customers.
 - Carbon Neutrality
 - Customers Service

2025 Community Events

2025 Outreach Metrics	Totals
Calls	630
Emails	2207
Sit Visits	338
Retail Visits	70
Contractor Visits	46
Community Events	83

**3,288 Energy
Kits Distributed**

2025 Notable Events:

BWL Resource Fair
Northwest Initiative Resource Fair
City of Lansing Resource Summit
CACs Head Start
Mayor's Senior Fair
Cristo Rey Community Center
Robinson Church Food Drive
Southside Community Coalition
Lansing 2030 Energy Summit
Michigan Energy Codes Training
CAHP Home Energy Trainings
Mid-Michigan BOMA Meeting

Contractor Network

- **39 active contractors in our Residential Programs**
 - [Residential Participating Trade Ally List_BWL HES_2026.pdf](#)
- **64 active contractors in our C&I Programs**
- **Top Performers Residential:**
 - Hager Fox
 - Applegate
 - Mastercraft
- **Top Performers Commercial:**
 - TMI Compressed Air Systems
 - Wirostek Lighting
 - B&D Electric
- **Michigan Saves** – Dedicated Network of authorized contractors
- **MEECA** – Michigan Energy Efficiency Contractors Association
 - BWL Awarded 2026 Utility of The Year



Grants & Other Initiatives

- Renewable Energy and Electrification Infrastructure Enhancement and Development - MPSC
 - A planning grant to develop an innovative community-based approach to support Justice40 communities by reducing energy burdens through retrofits of aged housing stock.
- Community Energy Management – EGLE
 - Pilot the DOE Home Energy Score assessment model to train local energy assistance providers to conduct home energy assessments in the Lansing region.
- Charging & Fueling Infrastructure – USDOT
 - Partner with the City of Lansing and other municipalities to increase the region's EV charging infrastructure.

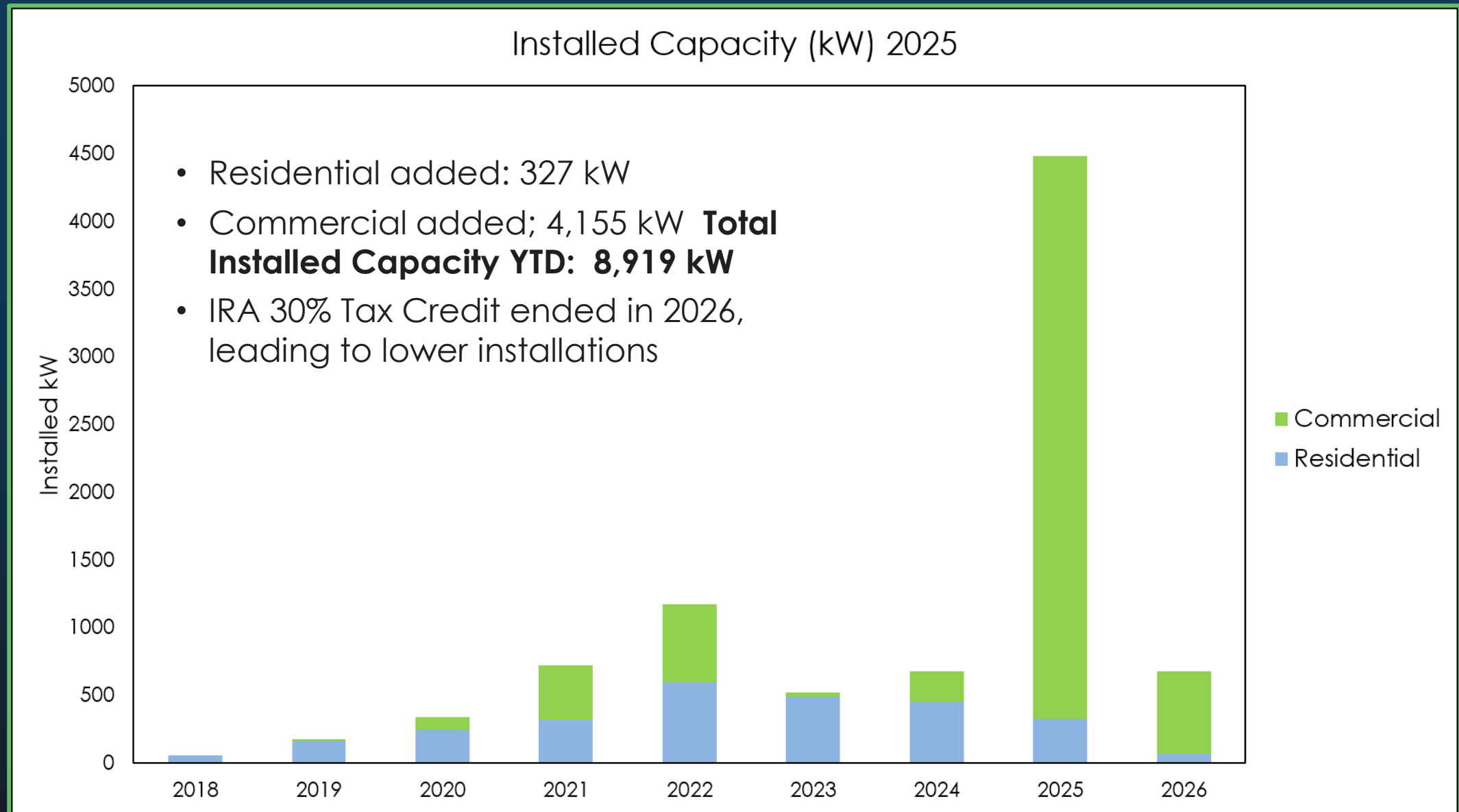
Customer Owned Solar

Installations of Commercial solar projects increased in 2025

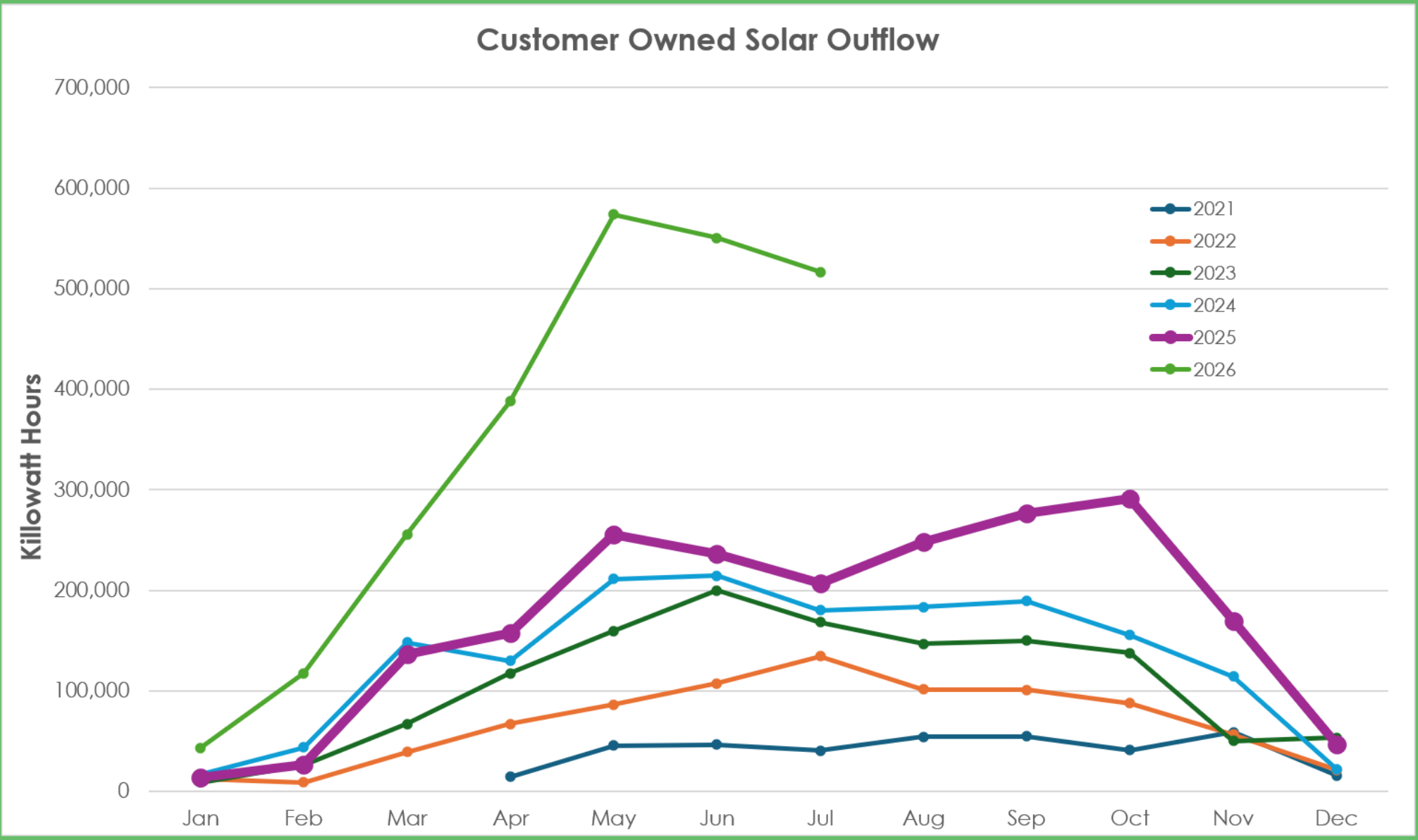
- Lansing School District:
 - 4.4 MW installed
 - 1.4 MW under construction
- City of Lansing:
 - 0.2 MW installed
 - 3 MW under construction (WWTP)



Customer Owned Solar: Installed Capacity



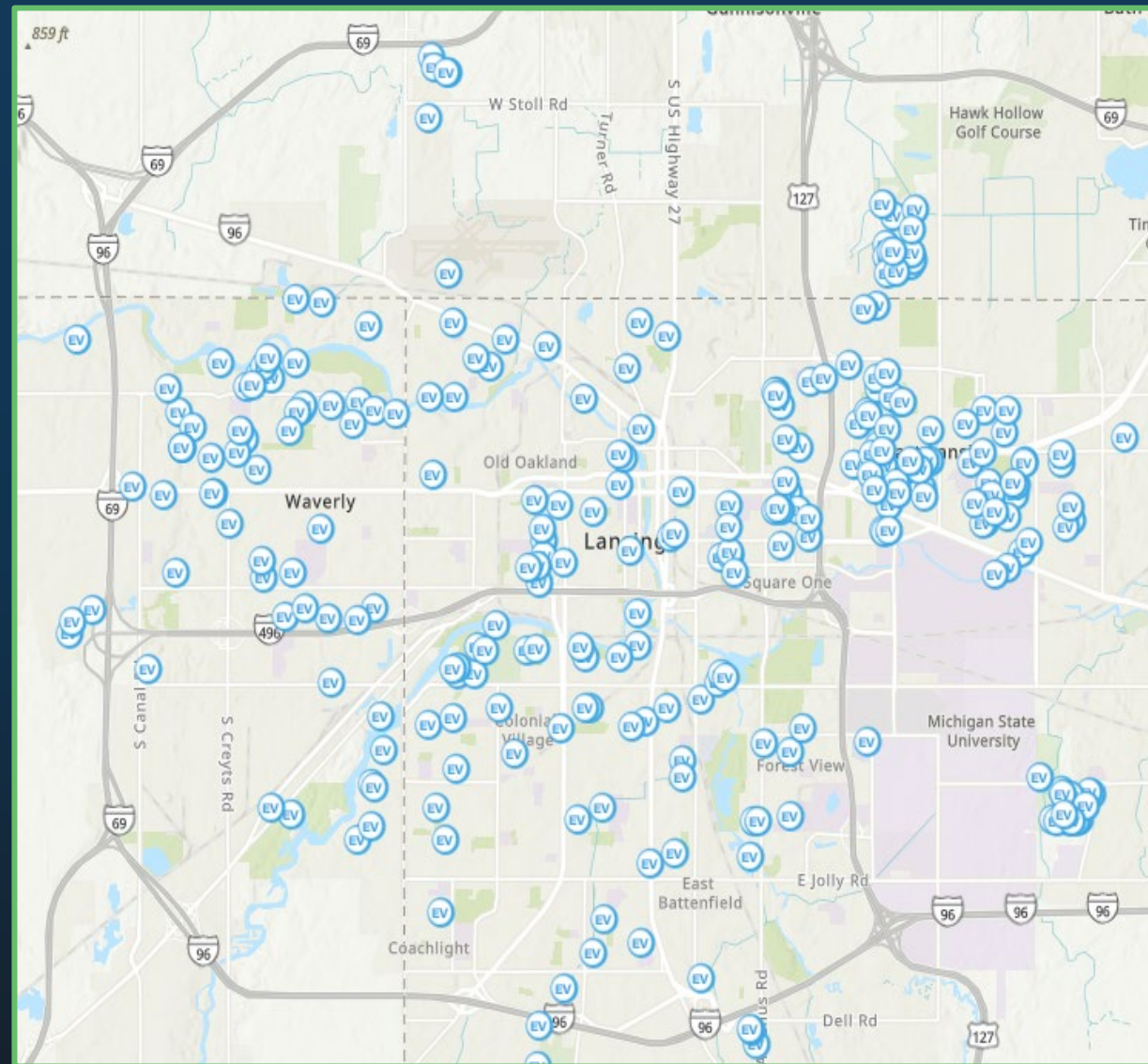
Customer Owned Solar: Outflow





Over 250 BWL customers received a rebate for installing EV home charging in 2025

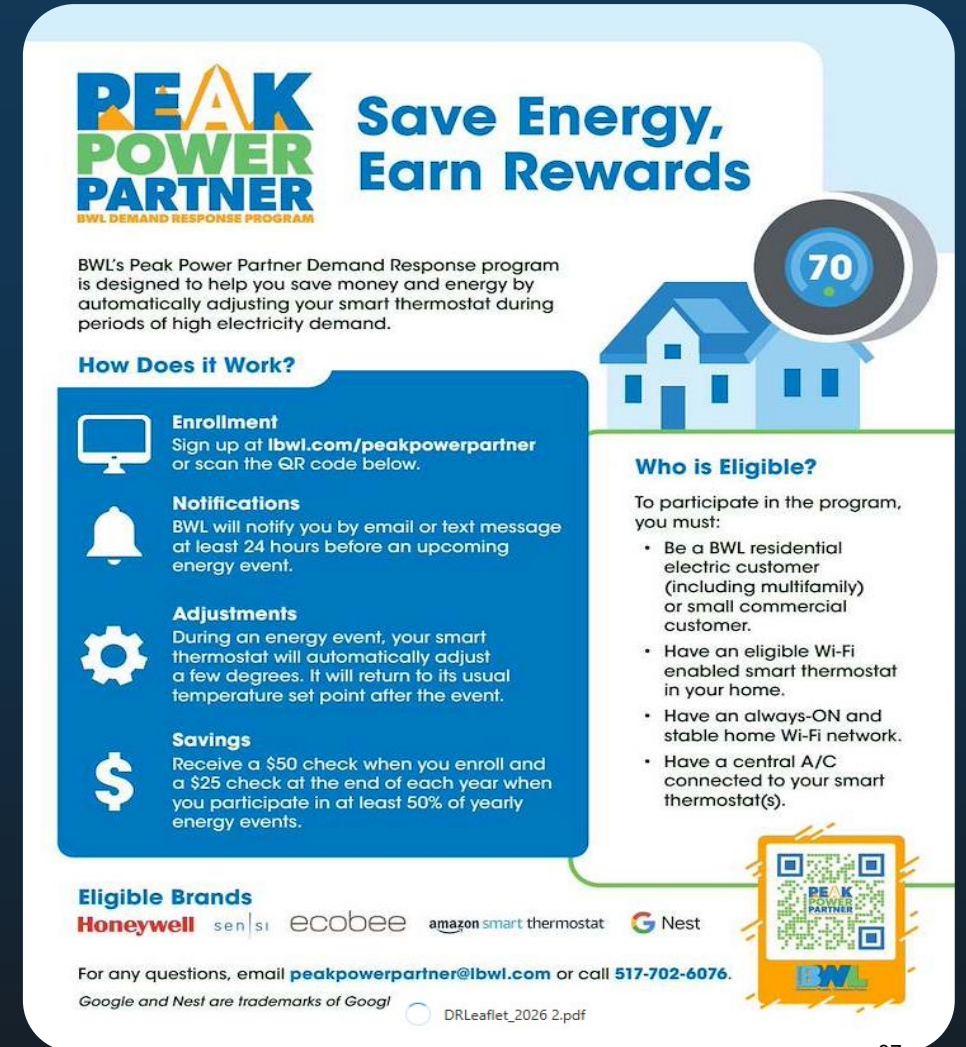
- Residential program rebates:
 - RESTOU - \$500
 - Rate22 - \$1,000
- Commercial program rebates:
 - MCEV- \$2,500
 - Multifamily - \$4,500



Demand Response Program

Smart Thermostat Demand Response

- Residential electric customers, who enroll a smart thermostat to help BWL manage energy consumption during times of high demand or grid stress earn incentives.
- Starting in 2026, Multifamily and Small Commercial customers are now eligible to participate.



PEAK POWER PARTNER
BWL DEMAND RESPONSE PROGRAM

Save Energy, Earn Rewards

BWL's Peak Power Partner Demand Response program is designed to help you save money and energy by automatically adjusting your smart thermostat during periods of high electricity demand.

How Does it Work?

- Enrollment**
Sign up at lbwl.com/peakpowerpartner or scan the QR code below.
- Notifications**
BWL will notify you by email or text message at least 24 hours before an upcoming energy event.
- Adjustments**
During an energy event, your smart thermostat will automatically adjust a few degrees. It will return to its usual temperature set point after the event.
- Savings**
Receive a \$50 check when you enroll and a \$25 check at the end of each year when you participate in at least 50% of yearly energy events.

Who is Eligible?
To participate in the program, you must:

- Be a BWL residential electric customer (including multifamily) or small commercial customer.
- Have an eligible Wi-Fi enabled smart thermostat in your home.
- Have an always-ON and stable home Wi-Fi network.
- Have a central A/C connected to your smart thermostat(s).

Eligible Brands
Honeywell sensi ecobee amazon smart thermostat Google Nest

For any questions, email peakpowerpartner@lbwl.com or call 517-702-6076.
Google and Nest are trademarks of Google

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70

QR Code

Demand Response Program

- Residential customers must have a smart thermostat and central air-conditioning
 - **Event Period:** Summer months (June through September)
 - **Event Count:** 16 (max/season) - Once a week
 - **Event Hours:**
 - Pre-cooling – 12:30 pm to 1:00 pm
 - Event - 1:00 pm to 5:00 pm
- In 2025, 452 new customers enrolled
- Realized demand reduction of 434 kW in 2025



Public Act 229 of 2023

- Signed into law November 28, 2023
 - Amends and adds to prior EWR legislation: **PA 295 (2008, 2016, 2020)** or the "Clean and Renewable Energy and Waste Reduction Act"
 - Aims to reduce energy waste and lower energy costs for all Michigan residents
 - Provides greater support for low-income energy-efficiency programs
 - Includes Electrification Measures
 - Requires submission of a 4-year Energy Optimization Plan
 - Requires third-party evaluation and verification of energy savings from each EO program
- New Energy Optimization plans began **January 1, 2026**

Thank you!

Q&A





Hometown People. Hometown Power.

2026 Integrated Resource Plan Update



2026 Integrated Resource Plan (IRP)

What is an IRP?

- Twenty-year plan to meet all customer energy demands at the lowest cost while ensuring affordability, reliability, and sustainability
- It is not an operations plan, but a roadmap

Reason for doing an IRP

- Long-term planning tool
- Generally performed every 5 years
- BWL Policy A1-09; best practices
- Changes in state and federal policies



New Legislative Requirements – PA 235*

Renewable Portfolio Standard (RPS)

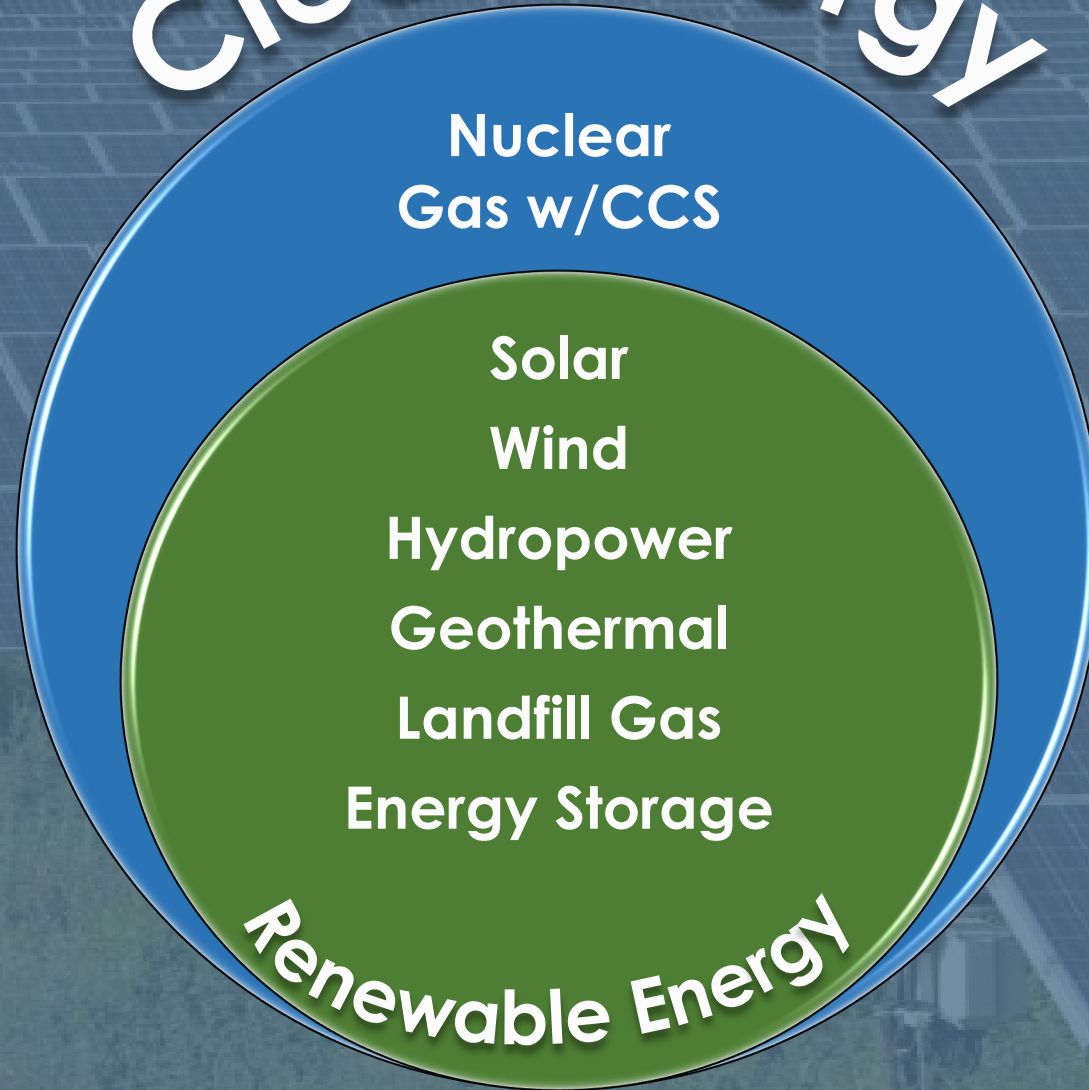
- **15%** through 2029
- **50%** 2030 – 2034
- **60%** in 2035 and thereafter

100% Clean Energy Standard

- **80%** 2035 – 2039
- **100%** in 2040 and thereafter

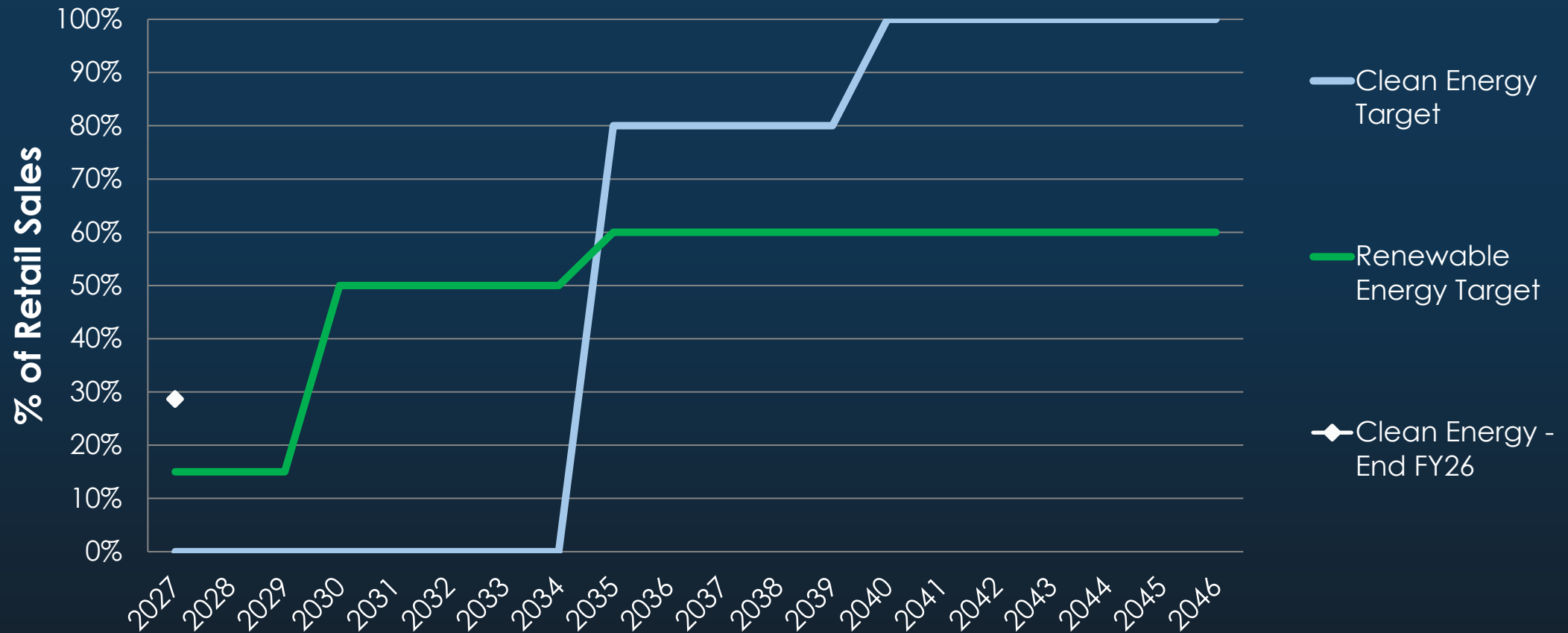
*PA 235 codifies BWL's Strategic Plan - Carbon Neutrality by 2040

Clean Energy



Renewable & Clean Energy – PA 235

Clean and Renewable Energy Compliance Targets



Integrated Resource Plan Process

- **Community Engagement**

- Open houses, online survey throughout summer 2025, key stakeholder meetings
- Important feedback for what you model

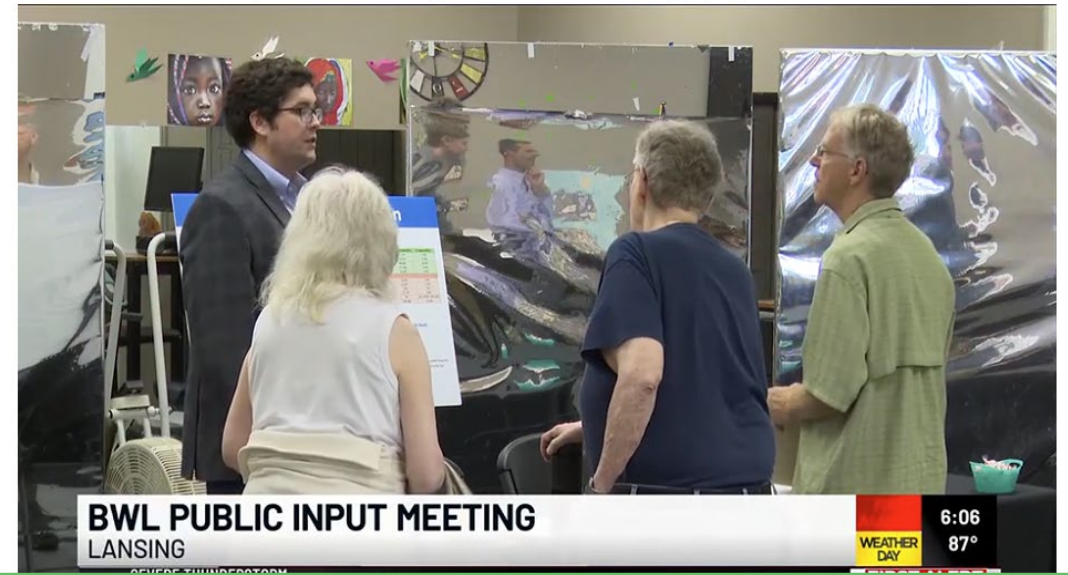
- **Resources and data gathering**

- Load Forecasting
- Internal & External Sources

- **Modeling**

- Ascend Analytics' PowerSimm

BWL seeks public input on energy plan



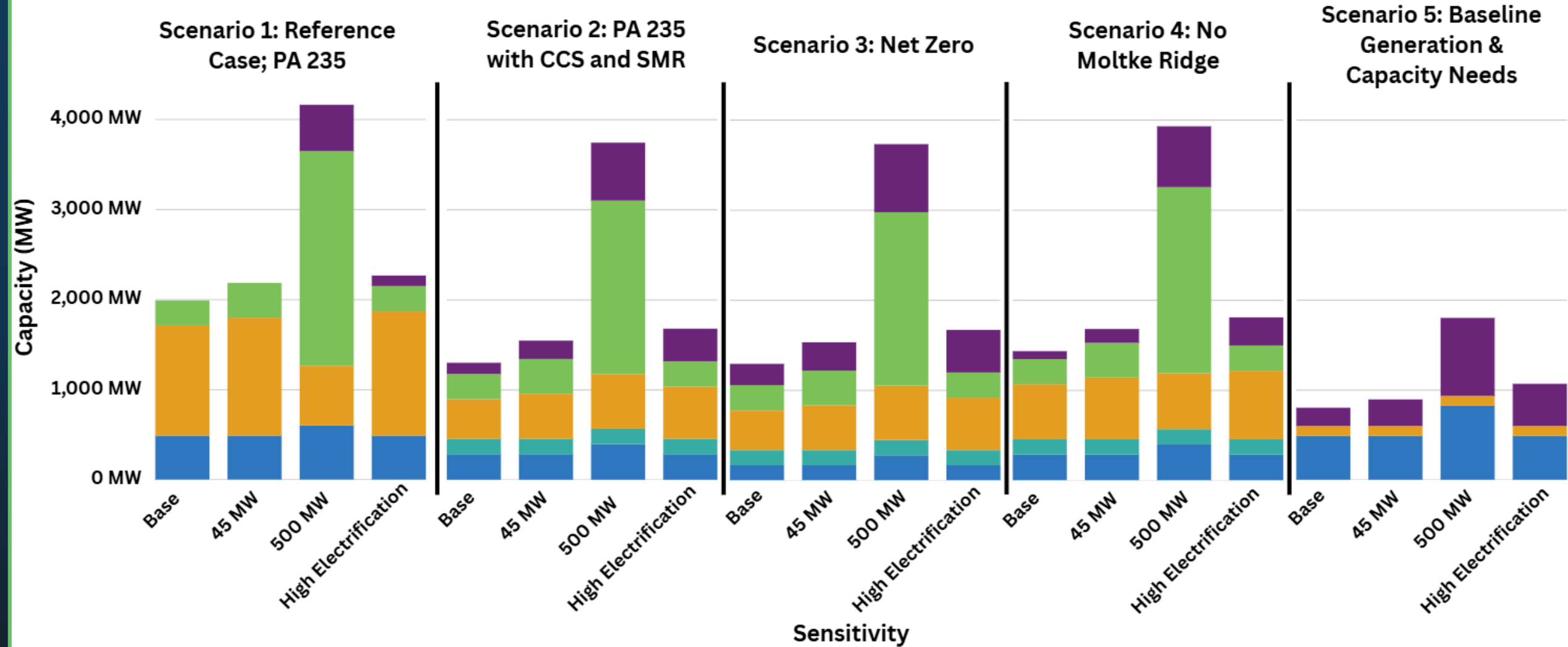
2026 IRP Scenarios

Scenario	Details
1	Reference Case - Michigan PA 235 Compliance, Renewable Buildout Keeping existing resources for reliability, building out only renewables to achieve renewable and clean energy goals
2	Michigan PA 235 Compliance – Renewable Buildout + SMR/CCS This scenario assumes keeping existing resources, and includes other resource options such as small modular nuclear and carbon capture of gas-fired generation
3	Michigan PA 235 Compliance – BWL’s Carbon Neutrality Goal Retirement of REO plant in 2040, Carbon Credits if necessary
4	Michigan PA 235 Compliance – No Moltke Ridge
5	Baseline Generation & Capacity Needs Operate existing fleet of BWL Generation Resources, with a buildout of storage assets

Sensitivity	Details
1	Base Load Growth
2	Large New Loads – 45 MW
3	Large New Loads – 500 MW
4	High penetration of EV & Building Electrification measures

Resource Capacity by 2046 for Each Scenario and Sensitivity

■ Natural Gas
 ■ CCS
 ■ Solar
 ■ Wind
 ■ Storage



Summary of Results

- Scenario 1.1 is the recommended course of action
- BWL will continue to meet growing customer demand for energy at the lowest cost while complying with all state and federal laws
- BWL will start a 3-5 year cycle for completing integrated resource plans to account for changing technology and policy
- Study and monitor the evolution of qualifying technologies (Nuclear, Carbon Capture, Battery, and new technology)

Short Term Action Plan

- Scenario 1.1 recommends adding 280 MW of wind resources before 2035
- Evaluate Renewable Energy Credit (REC) purchases
 - Seek to procure the equivalent of the resources recommended in Scenario 1.1
 - These resources likely would not be online until mid-2030s
- Continue with local solar array planning, design, and development

Thank you!

Q&A



COMPLIANCE OVERVIEW

Committee of the Whole

September 1, 2026



Lori Myott, Manager, Environmental Services and Reliability Compliance
Caitlin Chavez, Supervisor, Reliability Compliance

PRESENTATION OBJECTIVES

- Compliance Culture and Why it Matters
- Environmental Compliance Overview
- Reliability Compliance Overview – Caitlin Chavez

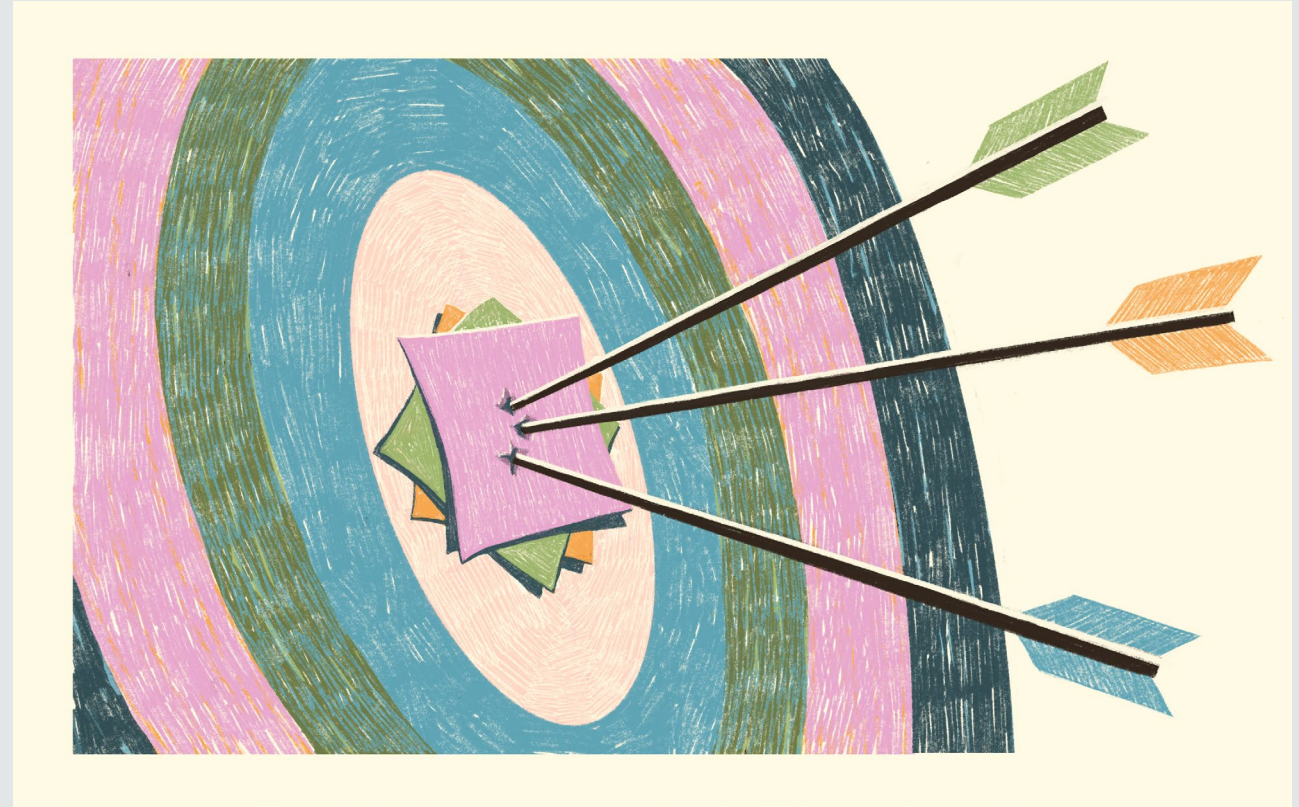
COMPLIANCE VS. CULTURE

Compliance	Compliance Culture
Following laws, regulations, policies and procedures	Creating an environment where compliance is an integral part of everyday behavior.
Focus on rules and regulations	Focus on behavior, attitude, values
Reactive – are we meeting the law?	Proactive – what is the right thing to do?
Measured through audits	Seen in everyday decisions, leadership behavior and employee attitudes
Responsibility of Compliance/Legal Dept	Responsibility shared across the entire organization

Culture is what we do when no one is watching!

WHY A STRONG CULTURE OF COMPLIANCE MATTERS

- Risk Mitigation
- Operational Efficiency
- Reputation
- Employee Engagement
- Sustainability



ENVIRONMENTAL COMPLIANCE

FEDERAL, STATE AND LOCAL REGULATIONS

► Air – Clean Air Act

- 40 CFR Parts 60, 63, 75, 97, and 98
- Michigan Air Pollution Control Rules

► Industrial Wastewater – Clean Water Act

- 40 CFR Parts 121, 122, 125, 136, 423
- Parts 31 and 41 Natural Resources and Environmental Protection Act
- City and Township ordinances

► Drinking Water – State and Federal Safe Drinking Water Act

- 40 CFR 141.142
- Michigan Public Act 399

► Land – Wetland and Soil Management

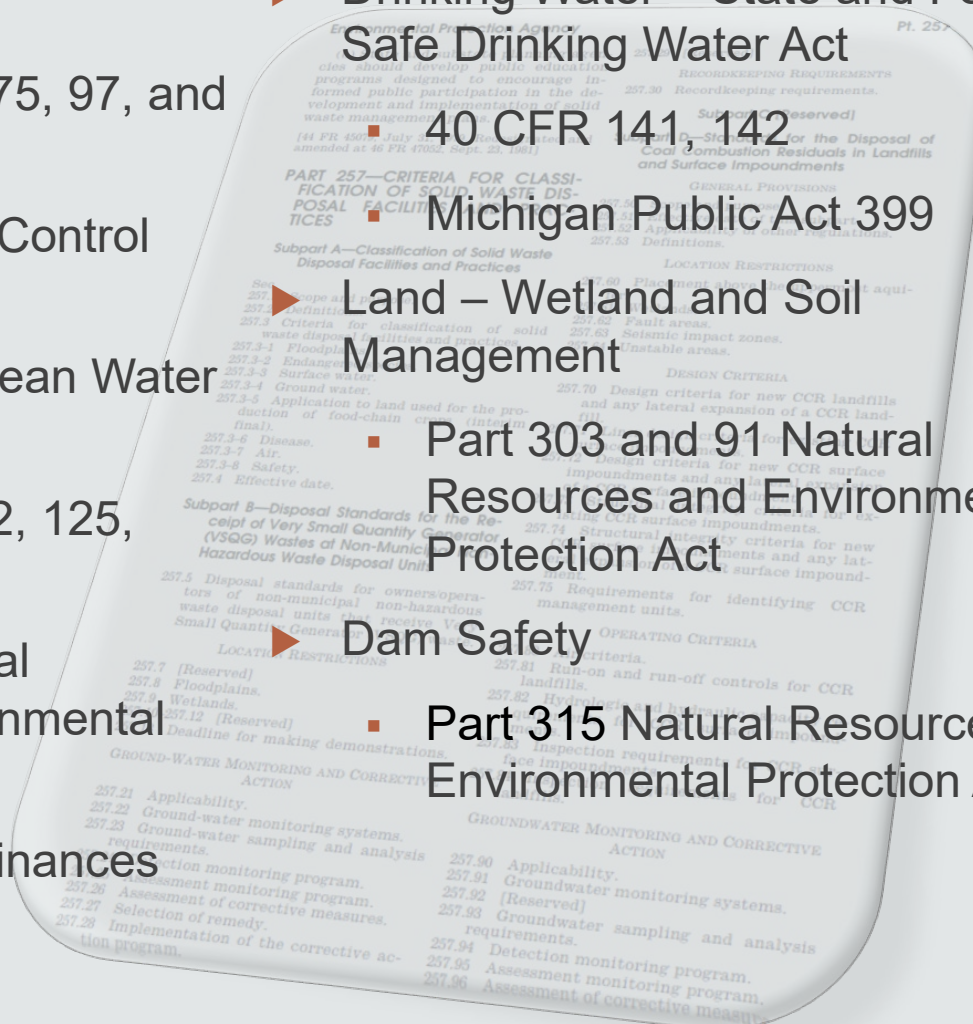
- Part 303 and 91 Natural Resources and Environmental Protection Act

► Dam Safety

- Part 315 Natural Resources and Environmental Protection Act

► Waste – Resource Conservation and Recovery Act, Waste Management and Spill Response

- 40 CFR Parts 112 and 239 – 282
- Parts 111, 115 and 121 Natural Resources and Environmental Protection Act,
- Michigan Part 5 Rules 324.2001 – 324.2009



REGULATIONS RESULT IN PERMITS

- ▶ Air
 - ▶ Restrictions air emissions from a stack or from fugitive sources
- ▶ Wetland
 - ▶ Protect and conserve wetland ecosystems
- ▶ Soil Erosion and Sedimentation Control
 - ▶ Minimize impacts to the environment from land disturbance activities
- ▶ National Pollutant Discharge Elimination System (NPDES)
 - ▶ Restricts the concentration of various constituents that can be discharged to the river
- ▶ Industrial Discharge Permits
 - ▶ Restricts the concentration of various constituents that can be discharged to the local WWTP

MATERIALS MANAGEMENT DIVISION

HAZARDOUS WASTE MANAGEMENT

by authority conferred on the director and the department of environment, great lakes, and energy by sections 11127, 11128, 11132a, and 11140 of the natural resources and environmental protection act, 1994 PA 451, MCL 324.11127, 324.11128, 324.11132a, and 324.11140, and Executive Reorganization Order Nos. 1995-16, 2009-31, and 2011-1, MCL 324.99903, 324.99919, and 324.99921)

PART 1. GENERAL PROVISIONS

R 299.9101 Definitions; A, B.

Rule 101. As used in these rules:

(a) "Aboveground tank" means a device that meets the definition of "tank" in this part and that is situated so that the entire surface area of the tank is completely above the plane of the adjacent surrounding surface bottom and can be visually inspected.

(b) "Act" means the natural resources and environmental protection act, 1994 PA 451, MCL 324.101 to 324.90106.

"Act 138" means the hazardous materials transportation act, 1998 PA 138, MCL 257.1 to 257.480.

"Act 181" means the motor carrier safety act of 1963, 1963 PA 181, MCL 490.1 to 490.181.

"Fire prevention code" means the fire prevention code, 1941 PA 207, MCL 29.1 to 29.480.

"Insurance code" means sections 3101 and 3102 of the insurance code, 1931 PA 297, MCL 500.3101 and 500.3102.

"Judicature act of 1961" means the judicature act of 1961, 1961 PA 297, MCL 600.1 to 600.100.

PERMIT TO INSTALL

71-24

ISSUED TO

Lansing Board of Water and Light

LOCATED AT

3725 South Canal Road
Lansing, Michigan 48917

IN THE COUNTY OF

Eaton

STATE REGISTRATION NUMBER

B4001

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environment, Great Lakes, and Energy. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air

REGULATIONS RESULT IN FORMAL PLANS

- ▶ Chemical and Waste Handling
 - Hazardous waste contingency plan
- ▶ Spill Prevention, Control, and Countermeasures (SPCC)
 - SPCC/PIP plan
- ▶ National Pollutant Discharge Elimination System (NPDES) – discharges to river & storm sewer
 - Sampling requirements
 - Stormwater pollution prevention plan
 - Pollutant minimization plans
- ▶ Soil Erosion and Sedimentation Control
 - Soil erosion plan (design doc)
- ▶ Industrial Discharge Permits
 - Sampling plan – monthly
 - Mercury minimization
 - “Slug” control

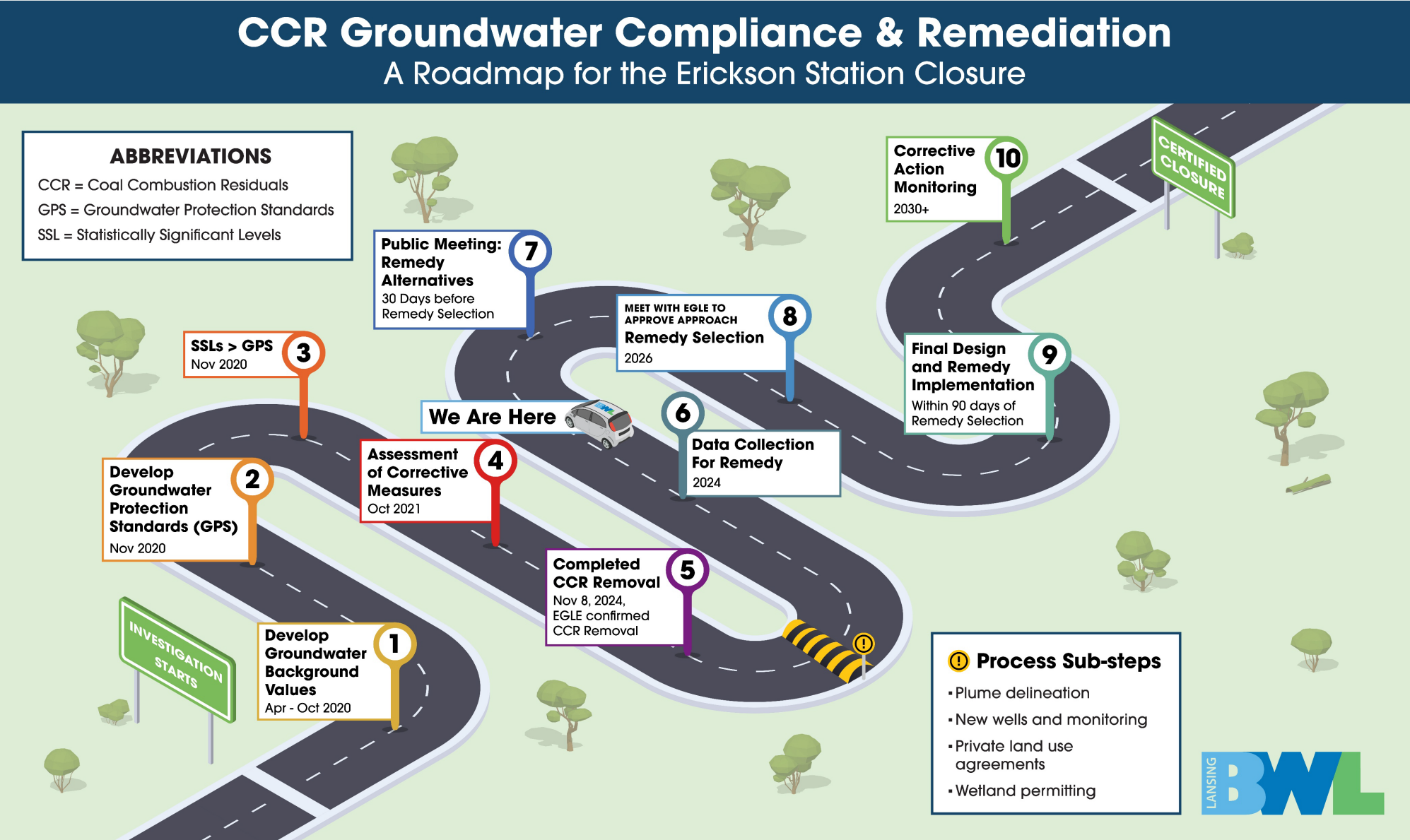


- ▶ Remediation
 - Remedial Action Plan
 - Response Activity Plan
 - Post Closure Plan
- ▶ Air
 - Preventative Maintenance
 - Startup/Shutdown
 - Malfunction Abatement
 - Continuous Monitoring
- ▶ Drinking Water
 - Total Coliform Sample Site Plan
 - Lead and Copper Sampling Plan
 - Disinfection Byproducts Monitoring Plan

CORE FUNCTIONS

- Interpret Federal, State and Local environmental rules and regulations & their impact on BWL operations
- Interact as a BWL Liaison with federal, state and local agencies
- Permitting
- Testing/Monitoring
- Recordkeeping
- Reporting/Notifications
- Risk Assessment
- Compliance Audits
- Training and Awareness
- Corrective Actions

SIGNIFICANT PROJECTS – ERICKSON COAL ASH IMPOUNDMENTS



UPCOMING REGULATORY CHANGES

Greenhouse Gases	Endangerment Finding Rescinded April 2026 – could result in broad repeal of all GHG standards	Currently DEP subject to CO2 limits and operational standards
Cross State Air Pollution Rule	Establishes cap and trade program for NOx during ozone season	Currently managing with clean fuel, efficient technologies, and NOx controls
Coal Combustion Residuals (CCR)	Regulate legacy CCR areas not in previous rule; current proposed rule to take comment on how to regulate these sources in the future	CCR has been removed
Lead and Copper Rule	Update old/outdated rule	Removal of known, active lead service lines means less requirements to be met.
PFAS Standards	Creates drinking water standards for various constituents	BWL is non-detect at both water conditioning plants

Questions?

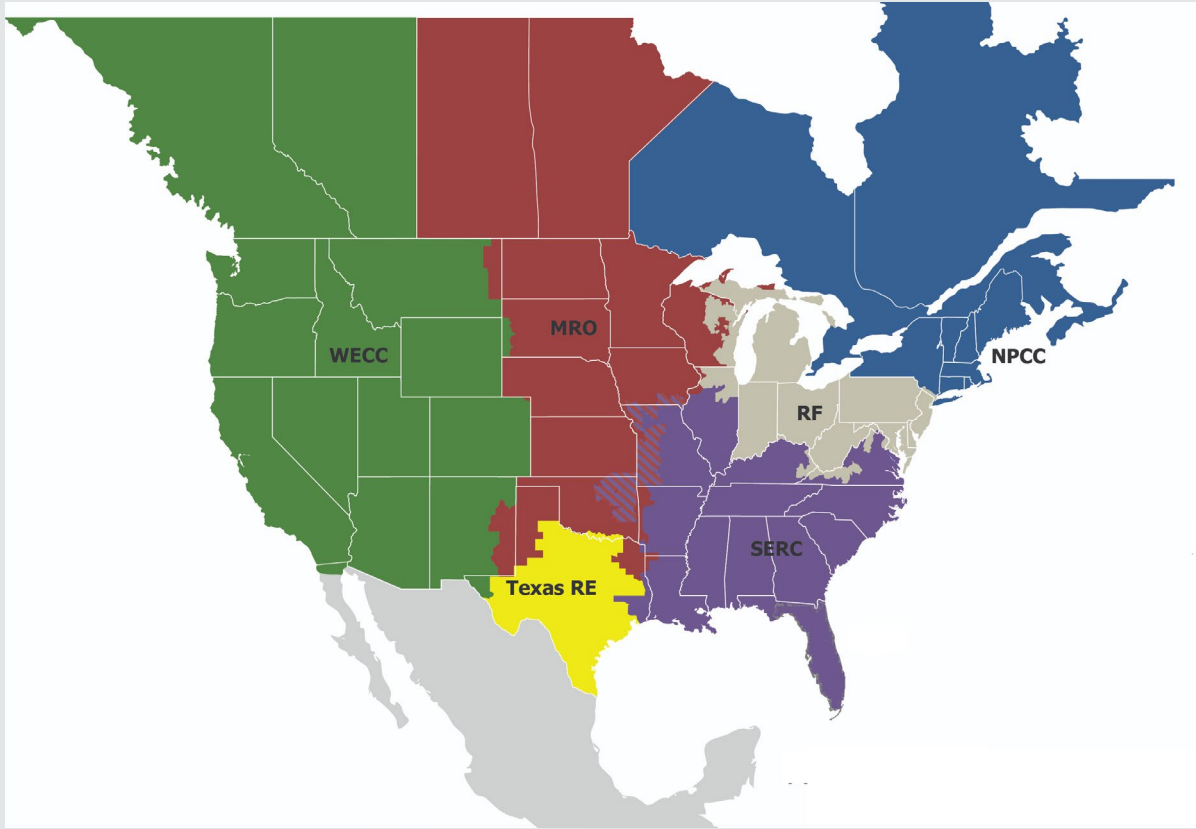


RELIABILITY COMPLIANCE



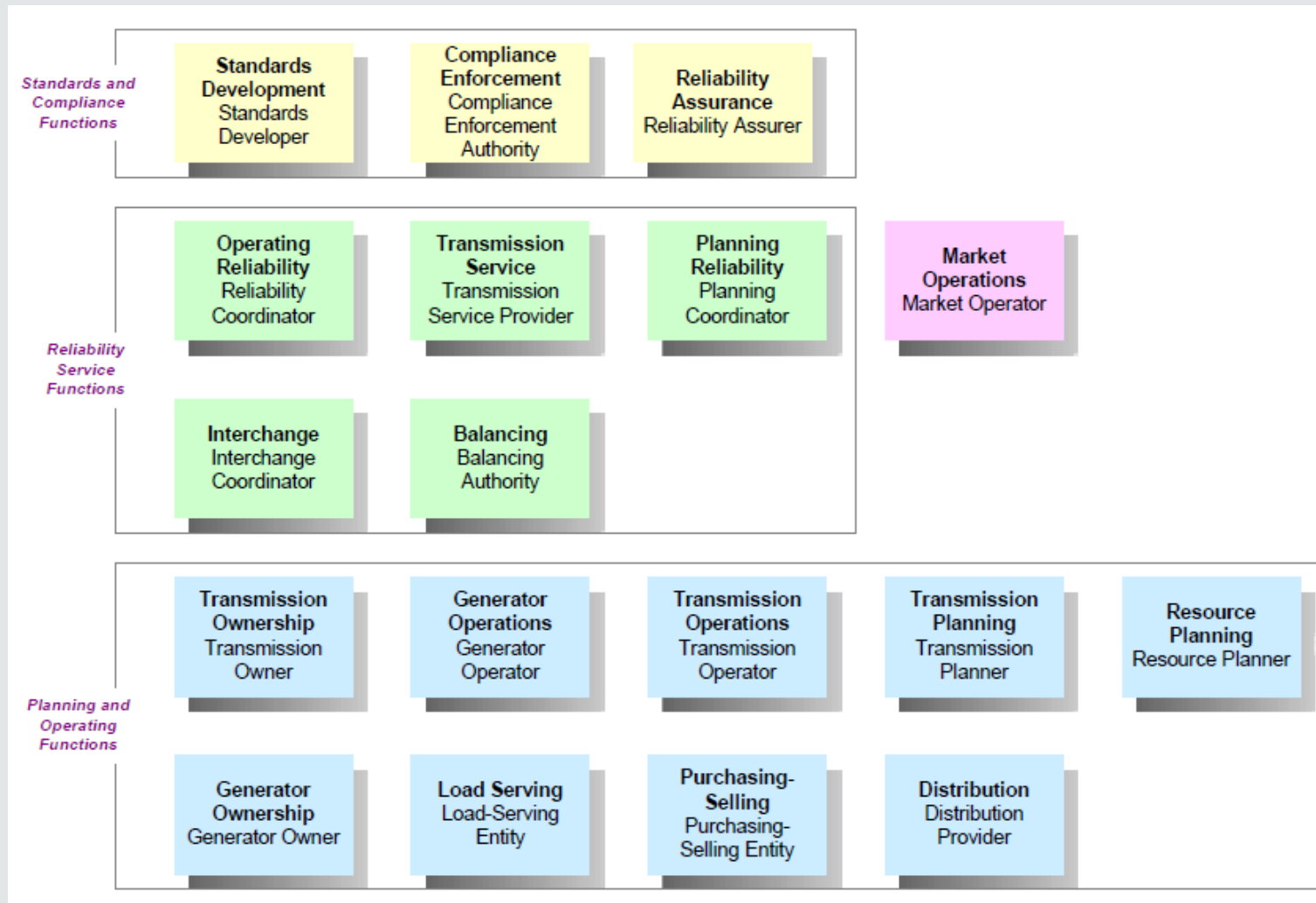
- Regulatory Framework
- Project Update
- Upcoming Changes to Regulations

NERC STANDARDS BACKGROUND

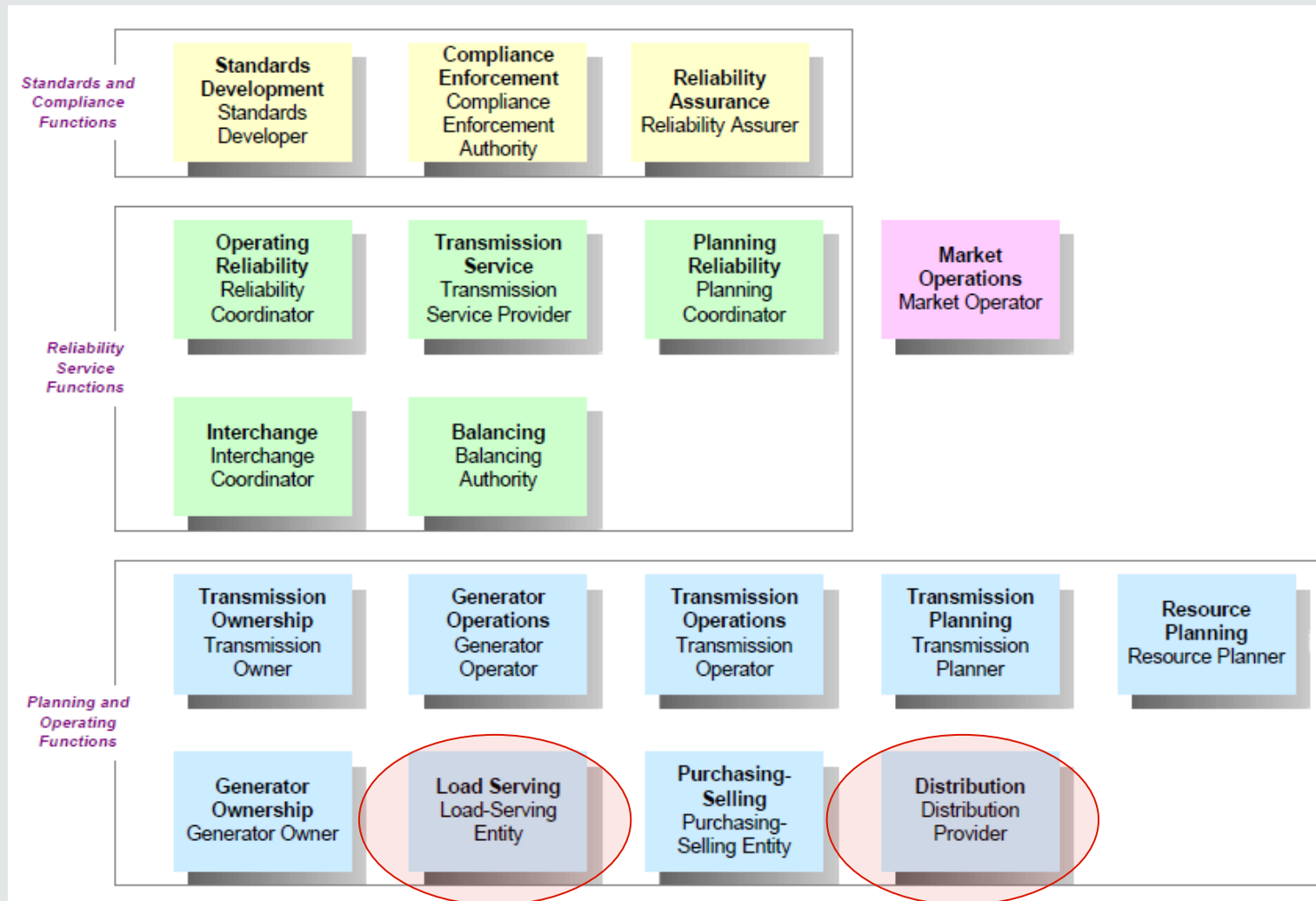


- The Energy Policy Act of 2005 authorized FERC to certify an Electric Reliability Organization (ERO) to develop, oversee, and enforce a comprehensive set of Reliability Standards for operators and users of the Bulk Power System. The North American Electric Reliability Corporation (NERC) was selected to fulfill this role.

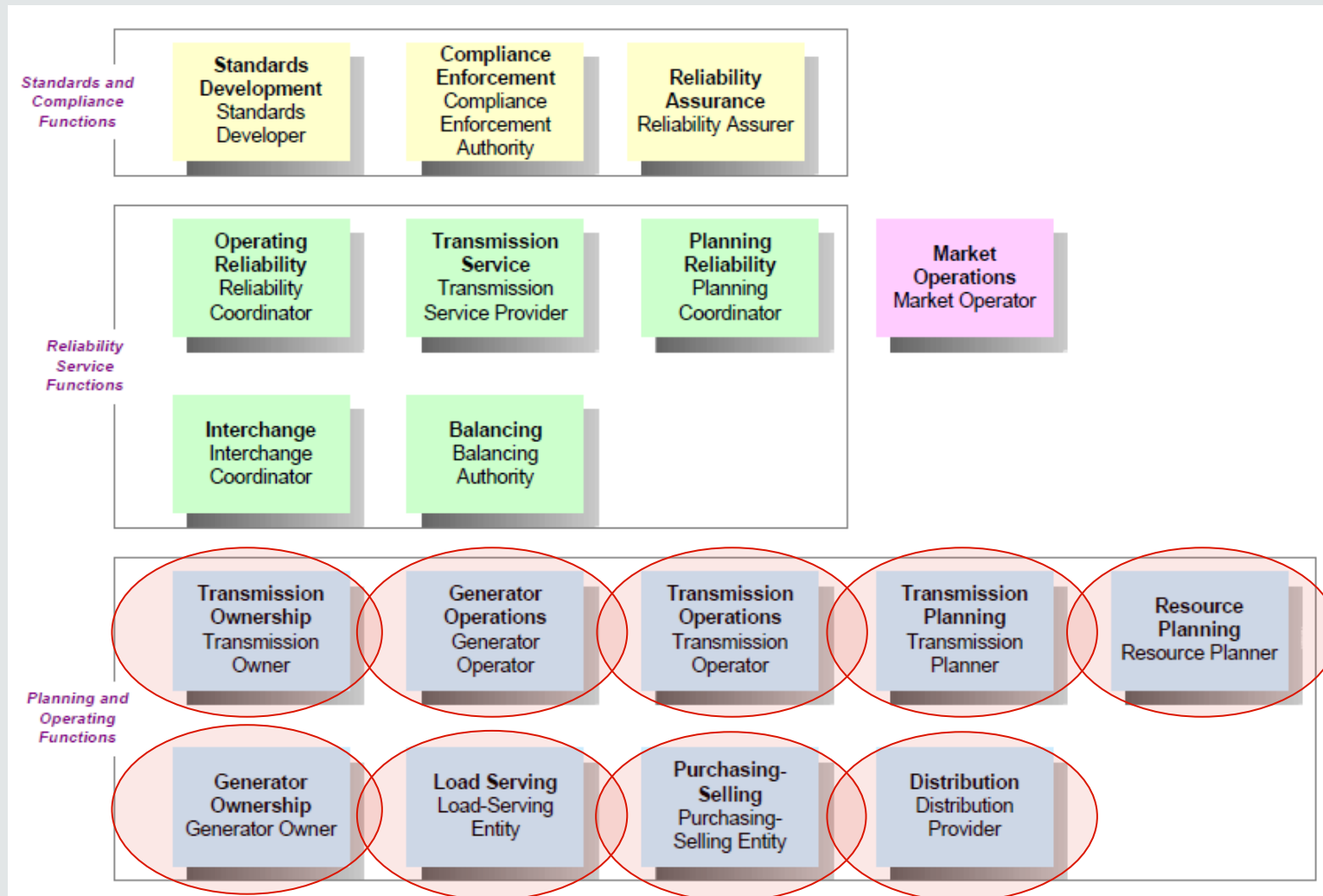
NERC FUNCTIONAL MODEL



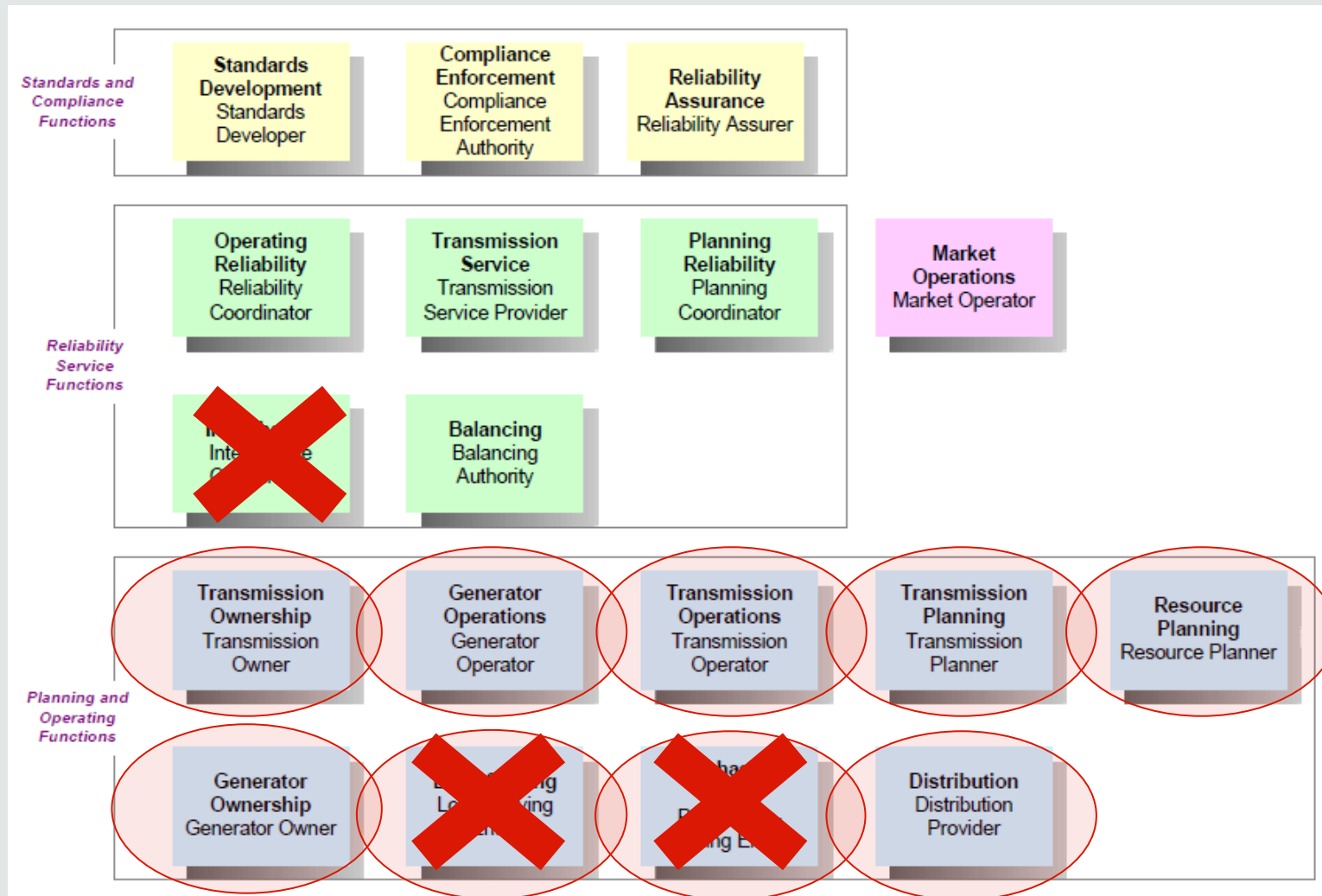
NERC FUNCTIONAL MODEL



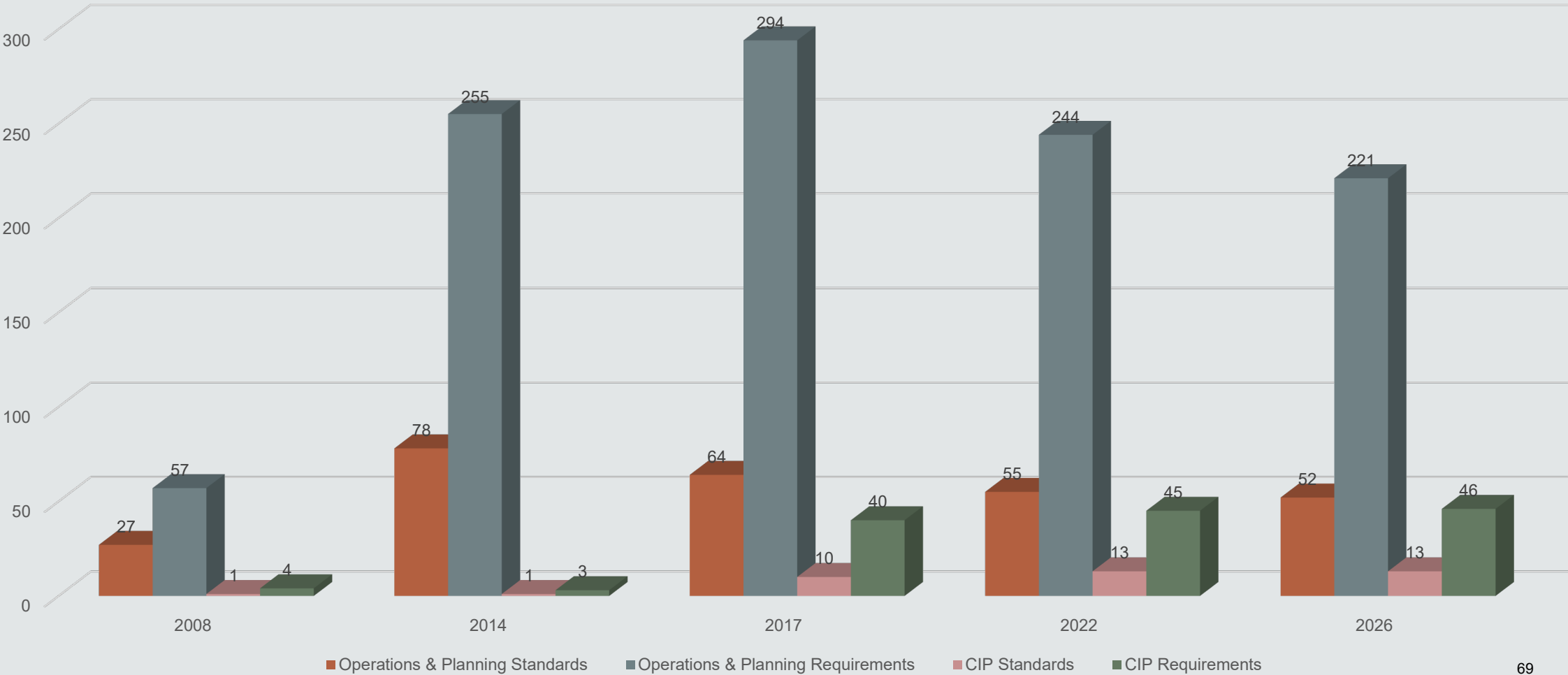
NERC FUNCTIONAL MODEL



NERC FUNCTIONAL MODEL



COMPLIANCE RESPONSIBILITY



RECENT/UPCOMING ENGAGEMENTS WITH RELIABILITY FIRST

- July 2024 – NERC Operations and Planning Audit
 - Scope – 7 Standards and 20 Requirements. Specific to TOP registration.
 - Findings – No findings
- July 21 – 23, 2026 – NERC Critical Infrastructure Protection Audit
 - Scope – 7 Standards and 19 Requirements
 - Findings – 5 findings, mostly documentation and controls based.
- 2027 – Re-certification of Transmission Operator Responsibilities for New EMS Project
 - Scope – All CIP standards and all Operations & Planning requirements for TOP function relating to Operating the BES
- Estimated Fall/Winter 2027 – Operations and Planning Audit
 - Scope identified 120 days before engagement. May include GO/GOP and TO functions.
- Estimated Fall/Winter 2029 – Critical Infrastructure Audit
 - Scope identified 120 days before engagement. May include more cumbersome standards like CIP-004, CIP-007, and CIP-010.

UPCOMING NERC PROJECTS

Inverter Based Resources

- Source of electricity that is asynchronously connected to the electric grid via an electronic power converter (“inverter”).
- Includes most renewable generation, including:
 - Wind
 - Solar
 - Battery Storage
- Drafting Standards for:
 - Event Reporting
 - Performance of IBRs
- FERC Order 901

Computational Loads

- Data Centers take less time to build and bring online than the generation or transmission assets that it takes to support these.
- There are also unique challenges in protection settings and emergency response activities related to these large loads.
- NERC working on developing a new Functional Registration for Computational Load Entities.
- Standards will apply to these Computational Load Entities, and Transmission Operators and Transmission Planners of Computational Load Entities.

Internal Network Security Monitoring

- New standard CIP-015-1 was approved and will be effective 10/1/2028.
 - Applies to Medium Impact Control Center and devices within Electric Security Perimeter.
- FERC requested revisions, and just approved the revised standard which will be effective 10/1/2029.
 - Applies to Medium Impact Control Center and devices within Electronic Security Perimeter AND specific devices outside.

Questions?

