



**COWLITZ PUD BOARD OF COMMISSIONERS  
MEETING AGENDA  
November 25, 2025, 2:00 p.m.  
Cowlitz PUD Board Room & Microsoft Teams**

Board of Commissioners: Dave Quinn, Duane Dalglish, Bruce Pollock

*The Cowlitz PUD Board of Commissioners meets on the 2<sup>nd</sup> and 4<sup>th</sup> Tuesday of every month, with the exception of holidays and other conflicts. Members of the public interested in participating via Microsoft Teams should contact Monica Petterson at [mpetterson@cowlitzpud.org](mailto:mpetterson@cowlitzpud.org) by 5:00 p.m. on Monday, November 24, 2025. To attend by phone, please call 1-323-484-8960 (Conference ID: 490 131 405#) at the time of the meeting. If you require reasonable accommodation while attending the Cowlitz PUD Board Meeting, please call Monica at (360) 501-9154 at least 72-hours prior to the meeting so that your needs can be addressed.*

***Please note that public comment is limited to three minutes per person.***

1. Call to Order: 2:00 p.m.
2. Changes/Additions to Agenda
3. **Motion to Approve** Today's Board Agenda: Dave Quinn
4. **Motion to Approve** the PUD Board Meeting Minutes of November 12, 2025: Dave Quinn
5. Public Comment on Agenda Items and Other District Business
6. **Motion to Ratify/Approve** Vouchers & Payroll: Heather Sorensen
7. General Manager Report: Gary Huhta
8. Action Items

- 8.1 **Motion to Approve** Staff Recommendation No. 23/11/25 – Surplus of Equipment: Heather Sorensen
- 8.2 **Motion to Approve** Staff Recommendation No. 24/11/25 – Acceptance of Work, DJ's Electrical Meeker Substation Rebuild: Tyler Williams
- 8.3 **Motion to Approve** Resolution No. 2831 – Adjusting General Manager's Pay: Dave Quinn

9. Staff Reports and Presentations

9.1 Introduction of Engineering and Customer Service Policies Modifications: Lance Larwick

9.2 October 2025 Operational Reports

- Power Management
- Accounting & Finance
- Operations
- Engineering
- Customer Service
- Employee Services
- Public Relations & Communications
- Regulatory & Regional Affairs

10. **Executive Session:** If needed, the Presiding Officer will follow the Executive Session Procedure included with this agenda. Following the Executive Session, the Board may take action in public related to the Executive Session.

11. **Motion to Adjourn** the Meeting

## COWLITZ PUD EXECUTIVE SESSION PROCEDURE

The Board may meet in Executive Session for any reason authorized under the Open Public Meetings Act, RCW 42.30.110 (1), using the following procedure:

### 1. Announce the Executive Session

We will now adjourn into executive session pursuant to RCW 42.30.110 (1) for \_\_\_\_\_ minutes unless extended by the Presiding Officer. The purpose of the executive session is (choose one of the following):

- a. (i) To consider matters affecting national security;
- (ii) To consider, if in compliance with any required data security breach disclosure under RCW [19.255.010](#) and [42.56.590](#), and with legal counsel available, information regarding the infrastructure and security of computer and telecommunications networks, security and service recovery plans, security risk assessments and security test results to the extent that they identify specific system vulnerabilities, and other information that if made public may increase the risk to the confidentiality, integrity, or availability of agency security or to information technology infrastructure or assets;
- b. To consider the selection of a site or the acquisition of real estate by lease or purchase when public knowledge regarding such consideration would cause a likelihood of increased price;
- c. To consider the minimum price at which real estate will be offered for sale or lease when public knowledge regarding such consideration would cause a likelihood of decreased price. However, final action selling or leasing public property shall be taken in a meeting open to the public;
- d. To review negotiations on the performance of publicly bid contracts when public knowledge regarding such consideration would cause a likelihood of increased costs;
- f. To receive and evaluate complaints or charges brought against a public officer or employee. However, upon the request of such officer or employee, a public hearing, or a meeting open to the public shall be conducted upon such complaint or charge;
- g. To evaluate the qualifications of an applicant for public employment or to review the performance of a public employee. However, subject to RCW [42.30.140\(4\)](#), discussion by a governing body of salaries, wages, and other conditions of employment to be generally applied within the agency shall occur in a meeting open to the public, and when a governing body elects to take final action hiring, setting the salary of an individual employee or class of employees, or discharging or disciplining an employee, that action shall be taken in a meeting open to the public;
- i. To discuss with legal counsel representing the agency matters relating to agency enforcement actions, or to discuss with legal counsel representing the agency litigation or potential litigation to which the agency, the governing body, or a member acting in an official capacity is, or is likely to become, a party, when public knowledge regarding the discussion is likely to result in an adverse legal or financial consequence to the agency

### 2. Return to Open Public Meeting

- a. Once the session concludes, the board will return to open meeting.
- b. If any action is taken it must take place in open meeting.
- c. Action may not take place earlier than the time for which the executive session was to conclude, including any extensions announced by the Presiding Officer.

Note: The foregoing is not a complete list of allowed purposes to hold an executive session under RCW 42.30.110 (1) but represents the most likely purposes for Cowlitz PUD.

**PUBLIC UTILITY DISTRICT NO. 1 OF COWLITZ COUNTY, WASHINGTON****MINUTES OF BOARD MEETING OF COMMISSIONERS**

Wednesday, November 12, 2025

Cowlitz PUD Board Room and Microsoft Teams

---

**Present:****COMMISSIONERS**

Dave Quinn, President

Duane Dalglish, Vice President

Bruce Pollock, Secretary

**STAFF**

Alice Dietz, Communication &amp; Public Relations Manager

Carolyn Reed, Customer Service Specialist

Chris Velat, Director of Power Management

Gary Huhta, General Manager

Heather Sorensen, Director of Customer Service &amp; Compliance

Jen Langdon, Energy Efficiency Manager

Lance Larwick, Director of Engineering

Monica Petterson, Executive Assistant/Clerk of the Board

Richard Hughes, General Counsel

Stacey Ferrell, Customer Program Coordinator

Steve Taylor, Director of Regulatory &amp; Regional Affairs

Tim Kalimanis, Director of Technology

Trent Martin, Director of Accounting/CFO

**PUBLIC**

None

**GUEST**

Annette Sinem, Ethnic Support Council

Mikie Steiner, Ethnic Support Council

Sally Hembree, Ethnic Support Council

Ted Light, Lighthouse Energy Consulting

---

**1. CALL TO ORDER**

Pursuant to published Notice, Commissioner Quinn called the Regular Board meeting of the Commissioners of Public Utility District No. 1 of Cowlitz County, Washington to order at 2:00 p.m.

**2. CHANGES/ADDITIONS TO BOARD AGENDA**

There were no changes to the meeting agenda.

**3. APPROVAL OF AGENDA**

It was moved by Commissioner Dalglish and seconded by Commissioner Pollock to approve the November 12, 2025 Board Agenda.

The motion carried 3 to 0.

#### **4. APPROVAL OF BOARD MINUTES**

It was moved by Commissioner Dagleish and seconded by Commissioner Pollock to approve the October 28, 2025 Regular Board Meeting minutes as written.

The motion carried 3 to 0.

#### **5. PUBLIC COMMENT ON AGENDA ITEMS AND OTHER DISTRICT BUSINESS**

In honor of Veteran's Day, the Board acknowledged the District's employee Veterans and thanked them for their time, dedication, and service to our country.

Representatives of the Ethnic Support Council, Annette Sinem, Mikie Steiner, and Sally Hembree, attended today's meeting to present the District with the annual Community Partnership Award. They expressed appreciation for their partnership with District employees Stacey Ferrell and Jen Langdon.

#### **6. MOTION TO RATIFY/APPROVE VOUCHERS/PAYROLL**

Approval of Vouchers in the amount of \$2,520,908.89. The Board reviewed expenditures of the District as required by RCW 42.24.180 for which payments were issued between October 30, 2025 and November 6, 2025, under the provisions of Resolution No. 2762.

It was moved by Commissioner Dagleish and seconded by Commissioner Pollock to approve the ratification of the vouchers/payroll.

Heather Sorensen, in her role as Auditor for the District, reported the disbursements and payroll included in this report have been reviewed and approved in accordance with RCW 42.24.180. Invoices have been authorized by management, verified against supporting documentation, and pre-audited by designated staff for accuracy, proper coding, and compliance with the District's policies. Staff requests the Board approve the ratification of the vouchers and payroll as presented.

The motion carried 3 to 0.

#### **7. NEW EMPLOYEE INTRODUCTION**

Heather Sorensen introduced Customer Service Specialist Carolyn Reed.

#### **8. GENERAL MANAGER REPORT**

**BPA Updates:** General Manager Gary Huhta reported BPA recently informed its customers that they will be implementing a Power Financial Reserves Policy (FRP) surcharge for fiscal year 2026. The surcharge is a result of their reserves falling below their 60-day threshold. BPA is seeking to collect \$40 million from its customers to rebuild their reserves. The impact to the District will be approximately \$1.3 million and will be absorbed by our cash reserves.

**Job Shadow Recap:** Communication and Public Relations Manager Alice Dietz provided a recap of the District's Job Shadow Day held on November 5<sup>th</sup> at the PUD Operations Center. High school students from Cowlitz County received hands-on experience and a behind-the-scenes look at career paths the District has to offer. Students also participated in a Lunch and Learn with Lower Columbia College to learn about

local post-secondary options. Ms. Dietz thanked the PUD employees who participated in this event and made real-world learning experiences possible.

**CEDC Annual Meeting:** The CEDC annual meeting was held last week, and Kurt Miller of the Northwest Public Power Association was the guest speaker. Approximately 250 local business leaders in attendance heard Mr. Miller's insights regarding energy supply in the Pacific Northwest, and walked away with a better understanding of the challenges we face.

**Rating Agencies Presentations:** General Manager Huhta thanked Director of Accounting and CFO Trent Martin for his presentations today to the ratings agencies. They were well done and well received by the agencies, and we should receive results within two weeks.

**Upcoming Board Workshop:** A Board Workshop is currently scheduled for November 25<sup>th</sup> to discuss the latest information regarding the Operations campus remodel. Due to scheduling conflicts, we propose delaying the Workshop to December 9<sup>th</sup>. The Board is in agreement to move the Workshop to December 9<sup>th</sup>.

## 9. ACTION ITEMS

### 9.1. Motion to Approve Resolution No. 2830 – Authorizing the Execution of a Slice/Block Power Sales Agreement with the Bonneville Power Administration

It was moved by Commissioner Dalglish and seconded by Commissioner Pollock to approve Resolution No. 2830.

Director of Power Management Chris Velat explained District staff have negotiated the terms and conditions of the Slice/Block Power Sales Agreement with the Bonneville Power Administration following several years of participation in the Provider of Choice process. The Agreement will go into effect from October 1, 2028 through September 30, 2044. The Board recently approved Resolution No. 2827 authorizing the General Manager to complete all necessary steps with BPA to prepare a "signature-ready" Slice/Block Power Sales Agreement. Staff now recommends the Board approve the Slice/Block Agreement, and authorize the General Manager to execute and deliver the Slice/Block Agreement and Creditworthiness Agreement. In addition, the General Manager and/or his designees are authorized to take any and all actions necessary or appropriate to implement the Slice/Block Agreement and Creditworthiness Agreement.

The motion carried 3 to 0.

## 10. STAFF REPORTS AND PRESENTATIONS

**10.1.** Energy Efficiency Manager Jen Langdon and Ted Light of Lighthouse Energy Consulting presented results of the 2025 Conservation and Demand Response Potential Assessment. The Potential Assessment examines ways in which the District can achieve energy savings among various sectors, how much is possible, and cost-effective options.

**10.2.** Director of Regulatory and Regional Affairs Steve Taylor presented the draft 2026-2029 Interim Clean Energy Implementation Plan (CEIP). District staff developed the draft interim CEIP using the following elements: new targets for renewable and non-emitting energy to serve the District's retail load, updated amounts of identified conservation and potential demand response resources, and public input regarding clean energy. The draft interim CEIP is now available on the District's website for public review, and public comment will be received through December 9, 2025 when the final interim CEIP will be considered for adoption by the Board. Following Mr. Taylor's presentation,

Commissioner Quinn asked for public comment regarding the draft 2026-2029 Interim CEIP. There was no public comment.

**11. EXECUTIVE SESSION**

The Board convened into Executive Session at 3:45 p.m. pursuant to RCW 42.30.110(1)(g) for 60 minutes to review the performance of a public employee. At 4:45 p.m., the Presiding Officer announced a 20-minute extension of the Executive Session. The Executive Session concluded at 5:05 p.m. No action was taken following the Executive Session.

**12. MOTION TO ADJOURN MEETING**

It was moved by Commissioner Dalgleish and seconded by Commissioner Pollock to adjourn the Regular Board Meeting at 5:05 p.m.

The motion carried 3 to 0.

Attest:

\_\_\_\_\_

President

\_\_\_\_\_

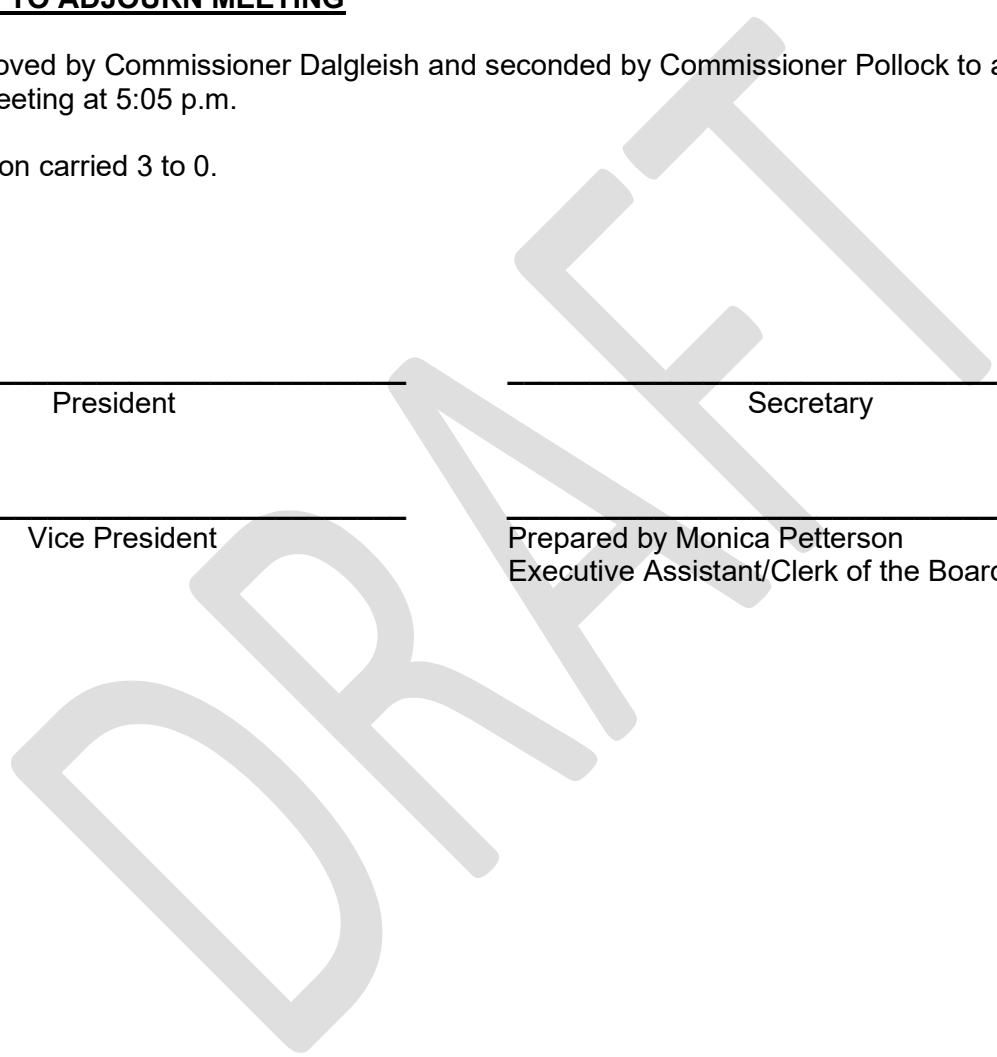
Secretary

\_\_\_\_\_

Vice President

\_\_\_\_\_

Prepared by Monica Petterson  
Executive Assistant/Clerk of the Board



Date: November 25, 2025  
To: Board of Commissioners  
Gary Huhta, General Manager  
From: Heather Sorensen, Auditor  
Subject: **Recommendation for Surplus of Equipment**

---

### **Overview**

The District's Surplus Policy provides for the responsible and lawful disposal of property that is no longer useful or cost-effective, in compliance with RCW 54.16.180.

### **Criteria for Surplus**

Items may be declared surplus if they are:

- Unserviceable or worn out
- Obsolete or inadequate for current operations
- Unfit for safe or effective use
- No longer necessary for District operations

### **Disposal Methods**

Surplus property may be disposed of by:

- Public auction or sealed bids
- Sale or lease to other utilities or government agencies
- Consignment or broker sale
- Donation to a nonprofit organization
- Scrapping or discarding if beyond repair or without value

### **Recommendation**

The Surplus Committee has reviewed staff requests and recommends declaring the following items surplus:

- **Power Resources Materials** – October 29, 2025
- **IT Materials** – November 12, 2025

Staff requests Board approval to designate these items as surplus and authorize disposal in accordance with RCW 54.16.180.

Respectfully,



Heather Sorensen  
Auditor

To: Heather Sorensen

11/17/2025

From: Surplus Committee

Subject: **Surplus Items for Current Quarter**

In accordance with Cowlitz PUD's Surplus Policy, the Surplus Committee has reviewed the requests received from staff and recommends that the items detailed in the attached memo(s), be declared surplus to the needs of the District:

- Power Resources Materials dated 10/29/2025
- IT Material Surplus dated 11/12/2025

These items will be disposed of in consideration of the best interest of Cowlitz PUD and its rate payers, and in the most cost effective manner.

**Committee:**

Purchasing Manager

Tami Ingalls

Director of Operations

Casey Kalal  
Casey Kalal (Nov 17, 2025 06:31:44 PST)

Director of Engineering

Lance Larwick  
Lance Larwick (Nov 17, 2025 06:40:54 PST)

Auditor

Heather Sorensen  
Heather Sorensen (Nov 17, 2025 07:37:02 PST)

Purchasing Dept. Surplus Items for Current Period 11/17/2025

cc: Accounting (Original)  
Heather Sorensen  
Lance Larwick  
Casey Kalal  
Purchasing Department  
Amanda Froberg  
Cliff Hammons

DATE: October 29, 2025

TO: Surplus Committee

FROM: Andres Perez  
Chris Velat

**SUBJECT: Quarterly Surplus – PLC Equipment**

---

In accordance with the District's Surplus Policy, the following equipment is no longer suitable for further District use:

| ASSET NUMBER | DESCRIPTION                 | REASON FOR SURPLUS          | ESTIMATED VALUE | METHOD OF DISPOSAL |
|--------------|-----------------------------|-----------------------------|-----------------|--------------------|
|              | Power Supply x 5            | Replaced/End of useful life | \$ 0.00         |                    |
|              | CPU x 2                     | Replaced/End of useful life | \$ 0.00         |                    |
|              | COMM ADAPTER x 3            | Replaced/End of useful life | \$ 0.00         |                    |
|              | Input card 24-125VDC x 18   | Replaced/End of useful life | \$ 0.00         |                    |
|              | Output card 16-125VDC x10   | Replaced/End of useful life | \$ 0.00         |                    |
|              | Analog input 8 - 4-20mA x 6 | Replaced/End of useful life | \$ 0.00         |                    |
|              | Analog output 8 - 4-20mA x3 | Replaced/End of useful life | \$ 0.00         |                    |
|              | Rack Expander x 4           | Replaced/End of useful life | \$ 0.00         |                    |
|              | RTD 8CH x 2                 | Replaced/End of useful life | \$ 0.00         |                    |
|              | Analog input Voltage x 1    | Replaced/End of useful life | \$ 0.00         |                    |
|              | Backplane x 5               | Replaced/End of useful life | \$ 0.00         |                    |
|              |                             |                             |                 |                    |
|              |                             |                             |                 |                    |

I recommend that these items be declared surplus to the needs of the District and disposed of in the interest thereof.

Sincerely,

Andres Perez

I concur with this recommendation,

A handwritten signature in black ink, appearing to read "Chris Velat". The signature is written in a cursive style with a large initial "C" and "V".

Chris Velat  
Director of Power Management

DATE: November 12, 2025

TO: Surplus Committee

FROM: Wyatt McKay

SUBJECT: Surplus

In accordance with the District's Surplus Policy, the following equipment is no longer suitable for further District use:

| Description   | Serial No. | Reason for Surplus | Estimated Value | Method of Disposal |
|---------------|------------|--------------------|-----------------|--------------------|
| Optiplex 5480 | 7MPJM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 9YG88B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ77K93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6LK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | DTJG8B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MNLM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 9YGD8B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 4H5SKM3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | JG5SKM3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7H5SKM3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ5TK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MQLM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6NK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 9YGB8B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 9YGC8B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ67K93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 9YG78B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6BK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ69K93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6QK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | BYQKZB3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6FK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6DK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ6GK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | GJ5SK93    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 9YGF8B3    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 8T1VH63    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MPLM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MNHM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MNKM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MPFM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MPKM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MRJM83    | End of Life        | \$10            | State Surplus      |
| Optiplex 5480 | 7MPGM83    | End of Life        | \$10            | State Surplus      |

|                       |              |             |      |               |
|-----------------------|--------------|-------------|------|---------------|
| Optiplex 5480         | 7MRGM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MRHM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | GJ6SK93      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | GJ5RK93      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | GJ6TK93      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | GJ6CK93      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | GJ6JK93      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | GJ6KK93      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MQFM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 8T2NH63      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MNJM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MQHM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MQJM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MQGM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MRFM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MPHM83      | End of Life | \$10 | State Surplus |
| Optiplex 5480         | 7MQKM83      | End of Life | \$10 | State Surplus |
| Optiplex 7080         | HZN3773      | End of Life | \$10 | State Surplus |
| Optiplex 5070         | 53K8333      | End of Life | \$10 | State Surplus |
| Optiplex 5070         | 53M7333      | End of Life | \$10 | State Surplus |
| Optiplex 5070         | 53M0333      | End of Life | \$10 | State Surplus |
| Optiplex 5070         | 53L6333      | End of Life | \$10 | State Surplus |
| Optiplex 5070         | 53MZ233      | End of Life | \$10 | State Surplus |
| Precision 3240        | BYVJQJ3      | End of Life | \$10 | State Surplus |
| Optiplex 3060         | D9YN1S2      | End of Life | \$10 | State Surplus |
| Latitude 5410         | 7PWN573      | End of Life | \$10 | State Surplus |
| Precision 5550        | HTB1P53      | End of Life | \$10 | State Surplus |
| Latitude 5414         | 7G7QG92      | End of Life | \$10 | State Surplus |
| Latitude 5414         | 6G7QG92      | End of Life | \$10 | State Surplus |
| Dell R740xd           | 7RR2DV2      | End of Life | \$10 | State Surplus |
| Ready Node            |              |             |      |               |
| Dell R730xd           | 127PJH2      | End of Life | \$10 | State Surplus |
| Dell R740             | GFGFZV2      | End of Life | \$10 | State Surplus |
| Dell R740             | GFGGZV2      | End of Life | \$10 | State Surplus |
| SMT2200RM2UNC         | AS1922263739 | End of Life | \$50 | State Surplus |
| ARUBA ARCNO103        | CG0026248    | End of Life | \$25 | State Surplus |
| ARUBA ARCNO103        | CG0025099    | End of Life | \$25 | State Surplus |
| 2x ARUBA<br>APIN0228  | APIN0228     | End of Life | \$5  | State Surplus |
| 4x ARUBA<br>APIN0275  | APIN0275     | End of Life | \$5  | State Surplus |
| 36x ARUBA<br>APIN0305 | APIN0305     | End of Life | \$10 | State Surplus |
| 8x ARUBA<br>APIN0315  | APIN0315     | End of Life | \$10 | State Surplus |
| 2x ARUBA<br>APIN0335  | APIN0335     | End of Life | \$10 | State Surplus |

|                |              |             |     |               |
|----------------|--------------|-------------|-----|---------------|
| iPad Pro Gen 3 | DLXYP2DNKC51 | End of Life | \$5 | State Surplus |
| iPhone 11 Max  | G6TCCB5DN70H | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FCN0MYLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FCN0TOLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD606BLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD605PLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD6053LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD608LLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60FELMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD6073LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60DALMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD608PLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60GOLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60HOLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60CULMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60FXLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60DTLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD6084LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60BVLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD608GLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60ARLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60B6LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60BNLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD607CLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60ESLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD608VLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60B2LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60BSLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60F9LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD6092LMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD604SLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | F9FD60AHLMX0 | End of Life | \$5 | State Surplus |
| iPad           | F9FD605PLMX0 | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F401KQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F30K1Q19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7DX15JQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F400BQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F30YUQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F30Y8Q19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F30VEQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 3 | GG7F402NQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7F300EQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7FK0TCQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7GF15KQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7H708LQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 4 | GG7H704CQ19J | End of Life | \$5 | State Surplus |
| iPad Air Gen 5 | GYHXY6R77    | End of Life | \$5 | State Surplus |

I recommend that these items be declared surplus to the needs of the District and disposed in the interest thereof.

Sincerely,

Wyatt McKay  
IT Coordinator

A handwritten signature in black ink, appearing to be 'Wyatt McKay', with a long horizontal stroke extending to the right.

I Concur,

Cliff Hammons  
IT Manager

A handwritten signature in black ink, appearing to be 'Cliff Hammons', with a long horizontal stroke extending to the right.

Date: November 18, 2025

Staff Recommendation No. 24/11/25

To: Gary Huhta, General Manager  
Board of Commissioners

From: Tyler Williams

Subject: **Acceptance of Work, Contract No. UC1821, DJ's Electrical  
Meeker Substation Rebuild**

In March 2025, the District entered into a contract with DJ's Electrical for \$1,265,536.00 to provide contractor services for the rebuild of Meeker Substation as defined in the 2025 capital budget.

On August 28, 2025 the substation construction was completed by DJ's Electrical. The construction included all the demolition, excavation, conduits, grounding system, concrete, steel structures, electrical bus work, setting of the high voltage equipment, setting of the medium voltage equipment, finish rock, and fencing. After inspection, it was found that all work was completed satisfactorily to the District's requirements and the contractual obligations were met. DJ's completed the work with two change orders totaling an additional \$12,540.67, one for over excavation and another to set distribution poles within the station.

I recommend acceptance of work completed by DJ's Electrical under Contract No. UC1821

Tyler Williams, P.E.  
Electrical Engineering

I concur.

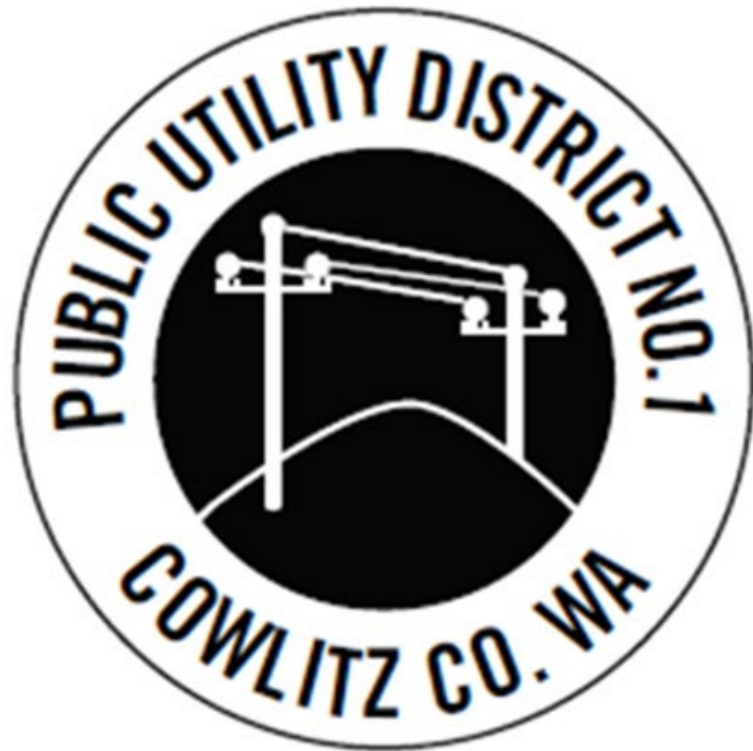
Mike Larsen, P.E.  
Manager of System Engineering

I concur.

Lance Larwick  
Director of Engineering

# Meeker Substation Rebuild

---





**PREVIOUS**



**Excavation and New Foundations**



**Ground Grid**



**New Oil Containment and Transformer Pad**



**OLD**



**NEW**

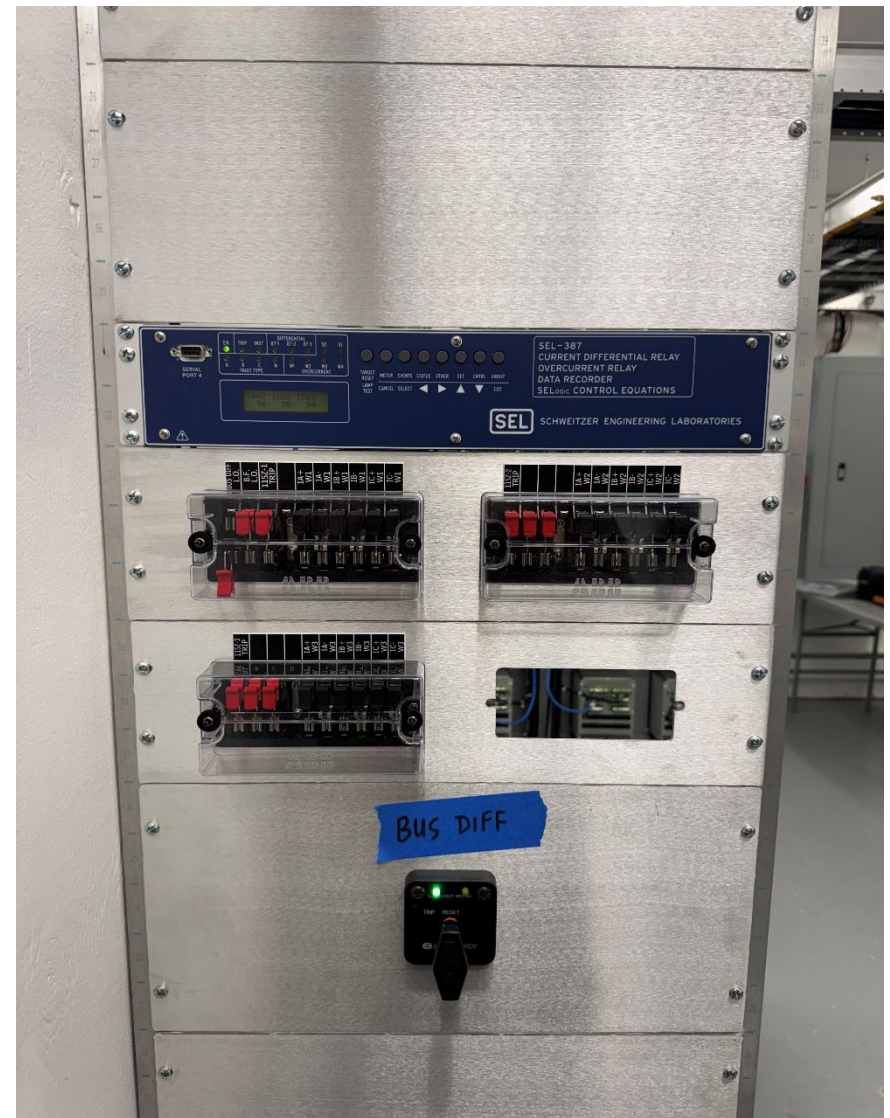
**Distribution Structure**



**New 15kV Breaker**



**Transformer Protection**



**NEW Bus Differential Protection**

**New Relays**

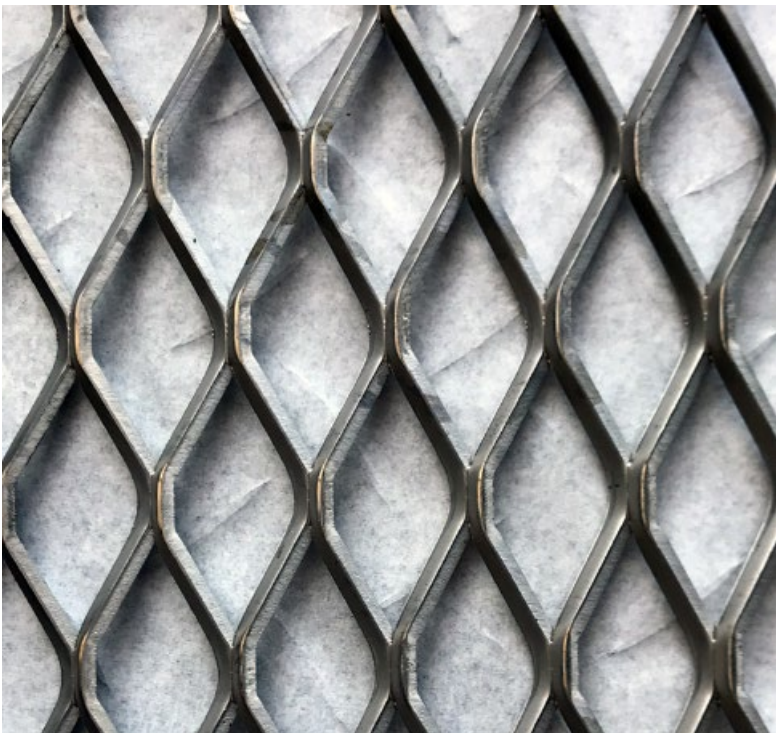


**OLD**



**NEW**

**STATION SECURITY IMPROVEMENTS**



**EXPANDED METAL MESH AND RAZOR WIRE**

Thank You



## RESOLUTION NO. 2831

**A RESOLUTION** of the Board of Commissioners of Public Utility District No. 1 of Cowlitz County Adjusting the General Manager's Pay

**WHEREAS**, the District Board of Commissioners is required to review the performance of the General Manager each November pursuant to the contract between the District and the General Manager; and,

**WHEREAS**, RCW 54.16.100 authorizes the Board by resolution to set the General Manager's compensation; and,

**WHEREAS**, the Board reviewed the General Manager's performance and the current market compensation for utility Chief Executive Officers at its November 12, 2025, meeting, and has determined that an adjustment of pay is warranted; and,

**WHEREAS**, the Board has determined that the General Manager has accomplished, or made adequate progress, on all of his strategic goals since his last performance review, including leading the negotiation of a new, 20-year Provider of Choice contract with the Bonneville Power Administration, which will be the cornerstone of continuing to provide reliable service to our ratepayers; and,

**WHEREAS**, the Board believes that continuity of leadership is critical for the utility and its ratepayers at all times; and,

**WHEREAS**, paying the General Manager position competitively helps to ensure continuity of effective leadership;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Commissioners of Public Utility District No. 1 of Cowlitz County, Washington;

1. The General Manager's base salary will be increased by \_\_\_\_\_% effective on January 1, 2026.
2. All other components of the General Manager's benefits will continue.

**ADOPTED** by the Board at a regular meeting this 25<sup>th</sup> day of November 2025.

---

Dave Quinn, President

---

Duane Dalglish, Vice President

**ATTEST:**

---

Bruce Pollock, Secretary



Definitions

**Commented [DH1]:** Once done with updates, review definitions to see which ones need to move to CS, or if anything needs to be added.

**Commented [DH2]:** Went through whole document to ensure proper capitalization of defined terms and consolidate references to the customer and the generating facility.  
*Note: I didn't do this in the comments.*

# ENGINEERING POLICIES

Effective Date: December 9, 2025 ~~October 22, 2024~~

**Commented [LL3]:** Update

**Table of Contents**

1. Preamble ..... 1

2. Definitions ..... 2

3. Acquisition of Right-of-Way Policy ..... 5

    3.1 District Facilities ..... 5

    3.2 Responsibility ..... 6

4. Line Extension Policy ..... 7

    4.1 Line Extension Criteria ..... 7

    4.2 Customer Responsibility ..... 7

    4.3 District Responsibility and Facility Ownership ..... 8

    4.4 Lights ..... 9

    4.5 Temporary Service ..... 9

    4.6 Changes to Existing Facilities ..... 10

    4.7 Job Costs and Fees ..... 12

    4.8 Responsibilities ..... 14

5. Transmission & Distribution System Improvement Policy ..... 15

    5.1 Transmission and Distribution Capital Budget ..... 15

    5.2 Management Responsibilities and Approval Authority ..... 15

6. Small Generation Interconnections Standards Policy (Less than 200kW AC) ..... 16

    6.1 Conditions of Interconnection ..... 16

    6.2 General Interconnection Requirements ..... 17

    6.3 Equipment and Configuration Requirements ..... 18

    6.4 Application for Generation Interconnection ..... 20

    6.5 Project Commissioning ..... 22

    6.6 Disconnection of Generation or Facility ..... 24

7. Large Load and Generation Interconnection Requirements Policy ..... 31

    7.1 Facility Interconnection Program ..... 31

    7.2 Consideration of New Interconnection ..... 31

8. Board Acceptance ..... 33

~~1. Preamble ..... 1~~

**Formatted:** Default Paragraph Font, Check spelling and grammar

|  |           |  |
|--|-----------|--|
| <u>2. Definitions</u> .....  | <u>2</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>3. Acquisition of Right of Way Policy</u> .....                                 | <u>5</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>3.1 District Facilities</u> .....   | <u>5</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>3.2 Responsibility</u> .....  | <u>8</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4. Line Extension Policy</u> .....  | <u>9</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.1 Line Extension Criteria</u> .....   | <u>9</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.2 Customer Responsibility</u> .....   | <u>9</u>  | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.3 District Responsibility and Facility Ownership</u> .....                    | <u>10</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.4 Temporary Service</u> .....   | <u>11</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.5 Changes to Existing Facilities</u> .....                                    | <u>12</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.6 Job Costs and Fees</u> .....  | <u>13</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>4.7 Responsibilities</u> .....  | <u>15</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>5. Transmission &amp; Distribution System Improvement Policy</u> .....          | <u>16</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>5.1 Transmission and Distribution Capital Budget</u> .....                      | <u>16</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>5.2 Management Responsibilities and Approval Authority</u> .....                | <u>16</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>6. Small Generation Interconnections Standards Policy (100kW or less)</u> ..... | <u>17</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>6.1 Conditions of Interconnection</u> .....                                     | <u>17</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>6.2 General Interconnection Requirements</u> .....                              | <u>17</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>6.3 Specific Interconnection Requirements</u> .....                             | <u>19</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>6.4 Application for Generation Interconnection</u> .....                        | <u>20</u> | <b>Formatted:</b> Default Paragraph Font, Check spelling and grammar |
| <u>6.5 Metering and Payment</u> .....  | <u>21</u> | <b>Formatted</b> ...   |
| <u>7. Alternate Electric Service Policy</u> .....                                  | <u>24</u> | <b>Formatted</b> ...   |
| <u>7.1 Availability</u> .....  | <u>24</u> | <b>Formatted</b> ...   |
| <u>7.2 Contract Provisions</u> .....   | <u>24</u> | <b>Formatted</b> ...   |
| <u>7.3 Rate for Electric Distribution Reserve Service</u> .....                    | <u>24</u> | <b>Formatted</b> ...   |
| <u>7.4 Existing Alternate Service Customers</u> .....                              | <u>25</u> | <b>Formatted</b> ...   |
| <u>7.5 Termination of Alternate Service</u> .....                                  | <u>25</u> | <b>Formatted</b> ...   |
| <u>8. Large Load and Generation Interconnection Requirements Policy</u> .....      | <u>26</u> | <b>Formatted</b> ...   |
| <u>8.1 Facility Interconnection Program</u> .....                                  | <u>26</u> | <b>Formatted</b> ...   |
| <u>8.2 Consideration of New Interconnection</u> .....                              | <u>26</u> | <b>Formatted</b> ...   |
| <u>9. Communications Tower Siting Policy</u> .....                                 | <u>28</u> | <b>Formatted</b> ...   |
| <u>9.1 Use Regulations</u> .....   | <u>28</u> | <b>Formatted</b> ...   |
| <u>9.2 Neighborhood Outreach</u> .....   | <u>29</u> | <b>Formatted</b> ...   |

|            |   |           |
|------------|---|-----------|
| <u>9.3</u> | <u>Unused Equipment .....</u>             | <u>30</u> |
| <u>9.4</u> | <u>Interference Mitigation.....</u>       | <u>30</u> |
| <u>9.5</u> | <u>RF Emissions.....</u>                  | <u>30</u> |
| <u>9.6</u> | <u>Environmental Considerations .....</u> | <u>31</u> |
| <u>9.7</u> | <u>Submittals.....</u>                    | <u>31</u> |
| <u>9.8</u> | <u>Site Use Agreement .....</u>           | <u>32</u> |
| <u>10.</u> | <u>Board Acceptance.....</u>              | <u>33</u> |

**Formatted:** Default Paragraph Font, Check spelling and grammar, Not Expanded by / Condensed by

**Formatted:** Default Paragraph Font, Check spelling and grammar, Not Expanded by / Condensed by

**Formatted:** Default Paragraph Font, Check spelling and grammar, Not Expanded by / Condensed by

**Formatted:** Default Paragraph Font, Check spelling and grammar, Not Expanded by / Condensed by

**Formatted:** Default Paragraph Font, Check spelling and grammar, Not Expanded by / Condensed by

**Formatted:** Default Paragraph Font, Check spelling and grammar, Not Expanded by / Condensed by

**Formatted:** Default Paragraph Font, Check spelling and grammar

**Appendix A Engineering Schedule of Fees**

## 1. Preamble

These Engineering Policies have been adopted by Public Utility District No. 1 of Cowlitz County ("District") in the interest of safety, reliability, consistency and efficiency in its operations, maintenance and improvements of the electric transmission and distribution system. These policies establish rules, guidelines and standards that shall be adhered to in the day-to-day operations of the District. These Policies are to serve as a guide to the employees and representatives of the District in their performance of the day-to-day business of the District. Construction details and specifications are written to conform with the present State and National laws governing such matters and are not intended to violate any State, National or Municipal ordinances or laws. Should any new laws or ordinances be adopted, these Policies shall be considered to be amended accordingly to the extent they apply to the District and are inconsistent with these Policies.

The Board of Commissioners shall approve any change or revision to the policies included herein, and, the General Manager shall be responsible for the administration of these policies, and for making recommendations on necessary or desired changes.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 1.2. Definitions

Special terms when used in these policies shall have the following meanings:

**Alternate Service:** Electric service to a Customer from a second electrically independent circuit for which the District provides a second path for supply of service in the event of the failure of the first circuit. Alternate Service facilities include, but are not limited to, the substation and distribution line capacity reserved for the Customer's exclusive use, plus any additional metering or switching equipment required, which is beyond the District's normal responsibility for providing electric service.

**Collocation:** The use of a ~~Wireless Telecommunications~~ Wireless telecommunications facility by more than one Wireless Communications Owner.

~~**Customer:** A ratepayer or any other person or entity that the District is legally obligated to provide electric services. Property owner or designee such as developer or representative applying for electric service. End-use consumers of electric service and the parties who are financially responsible for such services provided, which includes any individual, partnership, corporation, organization, governmental agency, political subdivision, municipality, or any other entity supplied with electric service by the District at a service location. Any individual or entity legally entitled to receive electric service from the District, including ratepayers, end-use consumers, and financially responsible parties. This includes individuals, partnerships, corporations, organizations, governmental agencies, municipalities, and other entities.~~

**Electric System:** All electrical wires, equipment, and other facilities owned or provided by the District that are used to transmit and deliver electricity to Customers.

**FAA:** Federal Aviation Administration.

**FCC:** Federal Communications Commission.

**Generating Facility:** Equipment that produces energy from water, wind, solar energy, or biogas or other renewable energy approved by the District, A source of electricity owned by a Customer that is located on the Customer's side of the Point of Common Coupling, and all facilities ancillary and appurtenant thereto, including interconnection facilities, which the Customer requests to interconnect to the District's ~~Electric System~~ electric system.

**Generator:** The entity that owns and operates a Generating Facility interconnected to the District's electric system.

**Initial Operation:** The first time the Generating Facility is in ~~Parallel Operation~~ parallel operation with the ~~Electric System~~ electric system.

**Lattice Tower:** A support structure constructed of vertical metal struts and cross braces forming a triangle or square structure which often tapers from the foundation to the top.

Commented [DH4]: Flagging: Does not match CS policy definition

Commented [LL5R4]: Changed to match Customer Service definition

Commented [DH6]: Add specification of what types of systems qualify

Commented [DH7R6]: Lance, rather than putting it in the policy, I added the reference to system types here. Let me know if you want that done differently. @Lance Larwick

Commented [DH8]: Is this ever not the customer?

Commented [ML9R8]: I suppose technically no. Generator is a type of customer. After reading this policy I think we should replace Customer with Generator everywhere. We also need to go through and capitalize any term that is a defined term in the policy.

Commented [DH10R8]: Customer-Generator

Commented [DH11R8]: After reviewing the Engineering policy in full, the sections we are editing are the only place where "generator" is used. Therefore I propose we just eliminate "generator" and change references to either the generating facility or the customer.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

**Line Extension:** New or upgraded electric facilities required to create a path of service to a new Customer or load. Once complete, the facilities will be part of the Electric System.

~~**Meter Aggregation:** The administrative combination of readings from a billing for all meters, regardless of the rate class, on a premises owned or leased by a Customer generator located within the District's service territory.~~

**Monopole:** A support structure constructed of a single, self-supporting hollow metal tube securely anchored to a foundation.

**Net Metering:** Measuring the difference between the electricity supplied by the District and the electricity generated by a Generating Facility that is fed back to the District over the applicable billing period.

**Parallel Operation or Operate in Parallel:** The synchronous operation of a Generating Facility while interconnected with the District's ~~e~~Electric System.

**Personal ~~W~~wireless ~~S~~services:** Includes commercial mobile services, unlicensed wireless services, and common carrier wireless exchange access services.

**Point of Common Coupling (PCC):** The point where the Generating Facility's local electric power system connects to the District's ~~E~~Electric System, such as the electric power revenue meter or at the location of the equipment designated to interrupt, separate or disconnect the connection between the Generating Facility and the District.

~~**Point of Delivery:** Unless otherwise designated by special contract, the Point of Delivery shall be the point where the District's facilities are attached to the customer's electric facilities regardless of the location of the District's meters, transformers, or other apparatus. The location where the District's facilities connect to the Customer's electric system~~Electric System, unless otherwise specified by contract. The point is independent of the location of meters, transformers, or other equipment.

**Production Metering:** Metering equipment and wiring installed at a point in the Customer's system that meters only the output of the ~~generator~~Generating Facility.

**Residence:** Any structure designed for human habitation meeting the required uniform building codes and for which a building permit has been issued for residential occupancy. A mobile home must be on a permanent foundation or other support independent of the running gear and comply with all mobile home code requirements.

**System Improvement:** Construction required to replace, upgrade, or install new facilities for the purpose of expansion or improvement of the District's ~~electric system~~Electric System.

**Telecommunication:** The technology which enables information to be exchanged through the transmission of voice, video, or data signals by means of electrical or electromagnetic systems.

Commented [DH12]: Flag - does not match CS definition

Commented [LL13R12]: Changed to match CS policy definition

Formatted: Font: Not Bold

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

**Wireless Communications Owner:** The entity which ultimately owns and is proposing to construct, install or modify Wireless Telecommunications Towers and/or related equipment including, but not limited to, antennas, equipment shelters or cabinets, towers, guy wires, and related facilities. This also includes the entity applying for all required permits and permissions to construct, install or modify such facilities on behalf of the actual owner.

**Wireless Telecommunications Antenna:** The physical device through which electromagnetic, wireless telecommunications signals authorized by the Federal Communications Commission are transmitted or received.

**Wireless Telecommunications Equipment Shelter:** The structure in which the electronic receiving and relay equipment for a wireless telecommunications facility is housed.

**Wireless Telecommunications Facility:** A facility consisting of the equipment and structures involved in transmitting and receiving telecommunications or radio signals.

**Wireless Telecommunications Tower (Tower):** A structure intended to support equipment used to transmit and/or receive telecommunications signals including monopoles, guyed and lattice construction steel structures.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

### 3. Acquisition of Right-of-Way Policy

#### 3.1 District Facilities

- 3.1.1 Where practicable, electric facilities shall be built upon private property, rather than upon public road or highway rights-of-way.
- 3.1.2 Land title research, easements, and/or permits shall be obtained for each property and/or public right-of-way prior to the construction of any electric facilities.
- 3.1.3 All easements, ~~deeds~~deeds, or a memorandum thereof, allowing District electric facilities on private property, shall be made public record with the Cowlitz County Auditor's Office.
- 3.1.4 Acquiring easements and building on private property may be more expensive than building on public right-of-way. Prior to constructing any new electric facilities in public rights-of-way, the District shall inquire as to the likelihood of any given right-of-way being altered or improved within 5 years after job completion. If the right-of-way is likely to be altered or improved within 5 years after job completion, the District shall perform additional cost analysis comparing construction on private property or public right-of-way.
- 3.1.5 If the benefits derived from distribution or transmission lines may be spread over an entire area, without being able to clearly identify these benefits with respect to any individual or associated with a Customer Line Extension, rights-of-way for lines may be compensated for.
- 3.1.6 Compensation to property owners for Easement Rights shall be negotiated generally based on the impact to the property occasioned by the existence of such lines, with due regard given to the following factors:
- Type of land
  - Type of farming or other use of the land
  - Percent loss of use of the land due to the existence of the electric lines
  - Width of rights-of-way
  - Type of construction, etc.
  - Access to rights-of-way
  - Fair market value of the land.
  - Fair market value of timber harvested.
  - Other methodologies as agreed to by the District within applicable legal requirements.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 3.2 Responsibility

3.2.1 The General Manager and Director of Engineering or their designees are authorized to execute in the name of the District formal applications for permits to construct facilities across lands belonging to the United States, State of Washington, or other parties.

3.2.2 The General Manager and the Director of Engineering or their designee are authorized to execute on behalf of the District all such agreements pertaining to the granting, termination or acceptance of licenses, permits, easements, franchises, or other such documents that may be necessary, to cross the rights-of-way or properties of, including but not limited to the United States, the State of Washington, State departments or political subdivisions and regulated utilities, as well as with firms and individuals, and such execution by the General Manager or Director of Engineering shall be deemed to be as valid an execution on behalf of the District as if executed by the President and Secretary of the Commission.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## **4. Line Extension Policy**

### **4.1 Line Extension Criteria**

- 4.1.1 All Line Extensions will be subject to the District's determination of feasibility and will be located and designed by the District to ensure a safe, reliable, operational, and sustainable electric system.
- 4.1.2 All Line Extensions will be designed and built to meet all applicable codes and standards. Among these are the District's Electric Service Requirements Book, the National Electric Code (NEC), National Electric Safety Code (NESC), the Institute of Electrical Electronics Engineers (IEEE), American National Standards Institute (ANSI), and Underwriters Laboratories (UL) standards, and local, state, and federal building codes.
- 4.1.3 Wherever practical, all new services shall be underground installed in conduit, subject to engineering feasibility as determined by the District.
- 4.1.4 Wherever practical, lines will be installed along roads or other accessible routes to areas being developed to allow efficient operation and maintenance of lines.
- 4.1.5 ~~At the District's discretion, New large generation, projected depending on size, shall be to exceed 100kW of total generation output or loads exceeding 1MW may be subject to the Small Generation Interconnections Standards Policy (Less than 200kW-AC less than 200kW) or the Large Load and Generation Interconnection Policy.~~
- 4.1.6 New loads exceeding 1MW may be subject to the Large Load and Generation Interconnection Policy.
- 4.1.7 Modifications to transmission or sub transmission voltage facilities or substations are not considered Line Extensions for purposes of this policy and require special contract arrangements.

### **4.2 Customer Responsibility**

- 4.2.1 The following minimum requirements must be met by the Customer prior to being served with electricity. All work performed must be approved and accepted by the District, and all materials furnished must meet the District's specifications. Failure by the Customer to properly perform these functions in accordance with the District's specifications shall be cause for the District to withhold electric service to the Customer until such time that corrections are made. The Customer shall:

4.2.1.1 Own, be purchasing, or possess a property lease satisfactory to the District.

4.2.1.2 Provide building size and electric load information.

4.2.1.3 Provide clearly marked property corners, building corners and have road/driveway at final grade.

4.2.1.4 Pay a nonrefundable application fee for each new Point of Delivery (Meter, Empty Lot, or Building).

4.2.1.5 Supply the District with signed easements for extended electrical facilities, as required by the District, prior to the installation of service.

4.2.2 Clear the rights-of-way on private property for District access.

Formatted: Indent: Left: 0.75", Hanging: 0.5"

4.2.2.1 Provide and install all trenching, backfilling, conduits, vaults, transformer pads, and other devices as required by the District and any non-standard secondary and/or primary conductor as may be necessary per District design and specification for Customer's property.

4.2.2.2 Provide protection to pad-mount transformers and electric facilities by properly installed barriers where required by the District.

4.2.2.3 Prepay in full the District's estimated cost of installation.

4.2.2.4 Comply with all Customer Service Policy Application for Service requirements.

**4.3 District Responsibility and Facility Ownership**

4.3.1 The District will install, own, and maintain electric facilities necessary for the Line Extension to the point of delivery of the premises.

4.3.2 The District may require trenching work within public rights-of-way or near energized facilities be completed by District personnel or its contractor.

4.3.3 Obtain all permits within public rights-of-way.

4.3.4 Prepare easements for installation of facilities on private property.

4.3.5 Materials and labor provided by the Customer, as required by the District, are considered a contribution-in-aid to construction and, therefore, become

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

property of the District upon acceptance by the District. The District will then assume future maintenance responsibilities of such material.

4.3.6 Line Extensions owned and maintained by the District will remain in place as long as utilized by the Customer for electric service, and they are accessible and are safe to operate.

4.3.6.1 When it is determined that District facilities have been idle for one year or longer with no indication of imminent use, the District has the right to remove the facilities or parts thereof. The District will attempt to contact the property owner to determine if a future need exists for the idle facilities. Customers who are not using any energy but wish to have the facilities remain available can do so by paying a monthly basic charge as determined by the District.

4.3.7 If District facilities are determined to be inaccessible or unsafe to operate, the District has the right to de-energize and or remove the facilities or parts thereof. The District will attempt to notify the Customer prior to de-energization and will discuss with the Customer alternative solutions if feasible. Examples of inaccessibility or unsafe conditions may include but are not limited to areas with a single point entry where a landslide or bridge washout prohibits access.

4.3.7.1 If future facilities are needed where facilities were removed, it shall be treated as a new Line Extension and shall be the responsibility of the customer to pay for installation costs.

#### 4.4 Lights

4.4.1 The District will install, own, and maintain lights only on District owned power poles, or non-District poles where the District has an existing contract with owner for electric facility attachments, applicable to street, roadway, and area lighting.

4.4.2 Lights operate from dusk to dawn daily, controlled by photoelectric control switch.

4.4.3 New lights installations will be treated the same as a Line Extension.

#### 4.5 Temporary Service

4.5.1 Temporary services shall not remain in service beyond 12 months from the time of installation without written authorization from the District.

4.5.2 Customer to provide and install the meter base.

**Formatted:** Indent: Left: 0.75", Hanging: 0.5", Space Before: 12 pt

**Commented [LL14]:** Devin Henthorn - New section. I wanted to keep it simple. Thoughts?

**Commented [DH15R14]:** Yes, they need to be treated like line extensions with regards to installation costs. That aligns with the District ideology of growth pays for growth. Then the 5 year contract timeframe wouldn't need to be applied to the installation requirement to get the reduced flat-rate cost. The rest of the section is good now that you added the part about non-district poles.

**Formatted:** Space After: 12 pt

**Formatted:** Subsection (heading 3), Indent: Left: 0.75", Space After: 0 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

4.5.3 Customer to provide overhead or underground secondary wire and District to connect at source device.

4.5.4 Temporary Construction Service: The installation of a construction temporary service, consisting of only secondary, will be connected at no additional charge, where an existing transformer or source already exist or, where a subsequent permanent service will be connected, after final Line Extension job costs are paid in full by the Customer.

4.5.5 Temporary Construction Service with Temporary Primary Line Extension: The installation of a construction temporary service, where a temporary primary Line Extension is required, shall be paid in full by the Customer prior to connection. The Customer shall pay in advance, the cost of installing and removing facilities to provide temporary electric service regardless of whether or not a new Customer is connected. The cost will consist of materials installed, including transformers, labor to install and remove materials, less salvage, if any, of removed materials. For the purpose of temporary services in use 12 months or less, transformers used will be credited original cost, less handling charges, when removed.

4.5.6 Seasonal Temporary Service: Christmas tree lots, firework stands or other seasonal short-term use consisting of a service drop from an existing transformer or a connection of the Customer's secondary will be charged a flat rated application fee. If an existing transformer is not available, the customer shall pay for a Line Extension.

#### **4.6 Changes to Existing Facilities**

##### 4.6.1 Increased Loads:

4.6.1.1 It is the Customer's responsibility to notify the District at least 30 calendar days in advance of adding load to their existing service to allow sufficient time for the District to evaluate facilities.

4.6.1.2 If a customer with Commercial or Industrial type load fails to notify the District of added load, and the District's facilities are damaged as a result thereof, the Customer is responsible for payment for such damage and the upgrade of facilities as needed.

4.6.1.3 District facilities are designed based on initial customer application and diversification of loading as determined by the District. Adding load, even within the limits of the existing customer service panel size, may require District Facilities to be upgraded.

Formatted: Indent: Left: 1.25", Hanging: 0.63"

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

4.6.1.4 If a Customer increases electric load to the extent that the District's current facilities are not adequate to serve such load, the District shall upgrade facilities as needed.

4.6.1.4.1 The District shall pay for cost of upgraded facilities if the load is at the same service point and load is of a residential type and not commercial or industrial type, otherwise the Customer shall pay all costs.

4.6.1.4.2 If a Customer uses the added load before the District can upgrade its facilities, and the District's facilities are damaged as a result thereof, the Customer is responsible for payment for such damage and the upgrade of facilities as needed.

4.6.2 Relocation of District Facilities - Overhead or Underground – Customer Requested:

4.6.2.1 If a Customer requests the relocation of any District-owned equipment or facilities, i.e., poles, anchors, enclosures, transformers, conductors, vaults, and other devices, etc., and the District approves the request, the Customer shall pay the District's cost of the relocation as determined by the District including applicable application fees. The Customer shall supply the District with necessary rights-of-way or easements satisfactory to the District.

4.6.2.2 Relocating facilities may benefit the District depending on location and nearby hazards. If excess funds are available within the System Improvement budget, the District has the option, subject to feasibility, current workloads, and at its sole discretion, to partner with the Customer and pay a portion of the material and labor costs associated with the relocation.

4.6.3 Conversion from Overhead to Underground Primary or Secondary Facilities – Customer Requested:

4.6.3.1 If the District agrees to convert an overhead service or line to underground, the Customer will be responsible for providing and installing all trenching, conduit, vaults, and transformer pads, and other devices as required by the District, rewiring the service entrance to accommodate the underground connections, providing the necessary rights-of-way or easements satisfactory to the District and pay for District materials and labor associated with installation of District facilities.

Formatted: Indent: Left: 1.25", Hanging: 0.63"

Formatted: Indent: Left: 1.25", Hanging: 0.63"

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

4.6.3.2 Converting facilities from overhead to underground may benefit the District depending on location and nearby hazards. If excess funds are available within the System Improvement budget, the District has the option, subject to feasibility, current workloads, and at its sole discretion, to partner with the Customer and pay for the District provided material and District labor costs associated with the underground installation. The cost to remove the overhead will be covered by the District regardless of any partnership elections.

4.6.4 System improvements are facilities provided for area development, system betterment, or system maintenance, as determined by the District.

#### **4.7 Job Costs and Fees**

4.7.1 Job costs will be tracked through District work orders.

4.7.2 Jobs will be identified as either, or a combination of, Fee, Estimate or Actual to the Customer prior to construction.

4.7.3 All fees can be found in the Engineering Schedule of Fees.

4.7.4 The job is valid for up to 12 months following payment in full.

4.7.5 Job Cost Types: Application Fee

4.7.5.1 Each Customer applying for electric service, installation, relocation, or removal of District facilities shall pay a non-refundable application fee. This will initiate the engineering design and administrative work required.

Formatted: Indent: Left: 1.25", Hanging: 0.63"

4.7.5.2 For Customers who proceed with their plans and have electric service installed within one year, the application fee will be credited to the job cost.

4.7.6 Job Cost Types: Fees

4.7.6.1 Simple service connections that are typically similar in cost, such as a Residential secondary Line Extension from an existing transformer are a set fee with defined design parameters.

4.7.6.1.1 If the installation or design exceeds the defined parameters requiring additional materials and labor, the Customer will pay any additional cost per District's estimated costs.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

4.7.7 Job Cost Types: Estimate

4.7.7.1 The District estimates the job cost for typical Line Extensions, relocations and overhead to underground conversions that require custom engineering designs. The Customer pays the job cost prior to installation based on the estimated cost and not actual costs when complete.

4.7.7.2 The District estimated job cost is valid for six months following the Request for Payment (RFP).

4.7.7.3 Failure to pay the full job cost within the six-month timeframe will result in an updated job cost calculation. If the difference in costs exceeds \$250, a new RFP will be generated and sent to the customer which supersedes the original RFP.

4.7.7.3.1 The job cost is valid for an additional 6 months once updated.

#### 4.7.8 Job Cost Types: Actual

4.7.8.1 Jobs with an estimated cost over \$100,000 or that fall under the Large Load and Generation Interconnection Requirements Policy ~~jobs~~ shall be billed on actual job costs.

4.7.8.2 Jobs requiring special equipment, complex projects, ~~or~~ long duration timelines, or projects ~~projects~~ that are difficult to estimate, may be billed on actual job costs.

4.7.8.3 The Customer will be required to pay an estimated job cost prior to installation. When the project is complete, the District will ~~reconcile true up~~ with the Customer issuing either a net invoice or refund.

#### 4.7.9 Refunds and Canceled Jobs:

4.7.9.1 A work order will be cancelled, and a refund will be issued upon written notice:

4.7.9.1.1 By the District if the job is not completed within 12 months of application or 12 months after payment in full.

4.7.9.1.2 At any time by the Customer with written notice.

4.7.9.1.3 A job can be extended up to 12 months past the 12-month deadline upon agreement by both the Customer and District.

Formatted: Indent: Left: 1.25", Hanging: 0.63"

Commented [LL16]: [Down Hemlock](#) Should we define a limit, such as \$100K? This is kind of vague and setting a defined limit may help the planners to be more clear with customers. Open to ideas.

Commented [DH17R16]: I'm in favor of a limit because as of now, it's a bit confusing as to when this applies.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

4.7.9.2 An extension of time will result in an updated job cost calculation. If the difference in costs exceeds \$250, a new RFP will be generated, and the customer shall pay the difference between the original and new job cost in order to proceed with installation.

4.7.9.2.1 Refunds include 100% of Customer paid costs less the application fee, permits, easements, any District issued material and associated installation labor.

#### **4.8 Responsibilities**

4.8.1 Director of Engineering shall be responsible for the District's Line Extension Policy.

4.8.2 The Director of Engineering or designee shall approve all work orders for Line Extensions and allocation of system improvement costs per the Transmission and Distribution System Improvement Policy.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## **5. Transmission & Distribution System Improvement Policy**

### **5.1 Transmission and Distribution Capital Budget**

- 5.1.1 The District's T&D (Transmission and Distribution) Capital Budget shall be comprised of construction items recommended by District staff and approved by the Board of Commissioners on a calendar year basis. These items include replacements, upgrades, and installation of new facilities to the District's T&D system.
- 5.1.2 The District shall track the T&D Capital Budget Expenditures by use of District budget codes and work orders.
- 5.1.3 The District shall use standing budget codes to track costs of similar type routine work orders that typically reoccur from year-to-year.
- 5.1.4 The District shall use specific budget codes to track costs on non-routine work orders that may have multiple work orders and/or extend for multiple years.
- 5.1.5 Work orders are prepared for individual projects and used to track associated direct costs.

### **5.2 Management Responsibilities and Approval Authority**

- 5.2.1 Director of Engineering shall be responsible for the District's overall Capital Requirements Plan, and implementation of the District's T&D System Improvement Capital Budget after its approval by the Board of Commissioners.
- 5.2.2 Director of Engineering or designee shall approve all work orders associated with implementation of the District's Electric (T&D) System Improvement Capital Budget.
- 5.2.3 Director of Operations is responsible for tracking job costs and overall budget expenditures for standing budget codes once a work order is released from Engineering to Operations.
- 5.2.4 Director of Engineering, or designee is responsible for the preparation of the requisite documents for the General Manager or the Board of Commissioners as applicable for the approval of non-budgeted T&D System Improvement Capital Expenditures.

## 2-6. Small Generation Interconnections Standards Policy (Less than 200kW AC/100kW or less)

### 2-16.1 Conditions of Interconnection

6.1.1 This policy applies to all electrical qualifying Generating Facilities with a maximum electrical generating capacity of ~~100 kW or less~~ less than 200kWw AC unless specifically waived by the Director of Engineering, General Manager, or Board of Commissioners in writing.

2-1-16.1.2 ~~To be eligible to interconnect and Operate in Parallel with the District's electric system~~ Electric System, the conditions in this policy ~~in their most current approved version~~ must be met. The requirements of this policy shall apply irrespective of whether the Customer intends to generate energy to serve all or a part of the Customer's load.

2-1-26.1.3 To ensure system safety and reliability of interconnected operations, all interconnected Generating Facilities shall be constructed and operated by ~~the Customer~~ Generator in accordance with this policy and all other applicable federal, state, and local laws, codes, and regulations.

2-1-36.1.4 For the overall safety and protection of the District system, RCW 80.60 ~~currently limits interconnection of generation for net metering to four percent (4%) of the District's peak demand during 1996. Additionally,~~ interconnection of generating facilities to individual distribution feeders will be limited to ten percent (10%) of the feeder's peak capacity unless approved by the District. For these reasons it is important to consult with the District when planning a Generating Facility project early so as to avoid design conflicts with District Policy. ~~with the District when planning a Generating Facility project.~~

2-1-46.1.5 The District will not provide wheeling for Customer, as generation and credits from the Generating Facility ~~are~~ only applied to consumption at the location of said electrical Generating Facility in accordance with the Customer Service Policy.

2-1-5 ~~The Generator shall comply with the application process described in section 6.4 below.~~

2-1-66.1.6 To ensure reliable service to all District Customers and to minimize possible problems for other Customers, ~~the District will review the need for a dedicated to single Customer distribution transformer.~~ Interconnecting generating facilities may require a separate distribution transformer. If the District requires a dedicated distribution transformer, the Customer shall pay for all costs of the new transformer and related facilities.

Commented [DH18]: It seems like some of these should also apply to systems over the 200kw mark...?

Commented [JV19R18]: Generally yes they would apply, I believe 200 kW or more are covered by our official Study process in FAC-001. Those may or may not be the same (could be more stringent in formal study process).

Commented [DH20]: To discuss - we use "generating facilities", "generator", and "customer" through out. Would like to streamline and insure accuracy.

Commented [ML21R20]: Generating Facility is about equipment where Generator refers to a specific type of customer. I do get though this can get confusing when in layman's terms we do use generator in the sense of equipment as well.

Commented [DH22R20]: Let's just make sure we are consistent between using generator to refer to the customer and generating facility to refer to the infrastructure/equipment.

Commented [DH23]: Copied from law

Commented [DH24R23]: Can remove

Commented [DH25]: see if anywhere else, and either move to 6.1.2 or delete.

Commented [JV26]: Not sure if this is redundant or not, but I was thinking WAC.

Commented [DH27R26]: I think it's ok to include.

Commented [ML28R26]: we already say "state" which would cover RCW's and WAC. Unless I'm in error of my understanding of the acronym WAC.

Commented [DH29R26]: You are correct, all WACs are codes but not all codes are WACs.

Commented [DH30]: Can we identify if there are any areas where a 200kw install would exceed this limit?

Commented [JV31R30]: There are several feeders that are lightly loaded below 2000 kw at peak loading. 12H2, 12T3, 12BV1, 13C18, 13C19, 12U4, 12K2, 12F2, 12F3, 12GM1, 12GM2, 12Y2, ...

Commented [ML32R30]: The language says "...feeder's pe..."

Commented [DH33R30]: Do we want to remove or reframe..."

Commented [JV34R30]: i was bringing up that we could ru..."

Commented [ML35R30]: Good point Jerod. I didn't consid..."

Commented [DH36]: Suggest encouraging they reach out to..."

Commented [JV37R36]: I think we would want them to ap..."

Commented [DH38R36]: I was thinking just a surface level..."

Commented [JV39R36]: Got it. The answer to that is..."

Commented [ML40R36]: I would consider modifying this..."

Commented [DH41]: TBD

Commented [DH42]: M/J - When does this get calculated a..."

Commented [JV43R42]: Most likely when the application i..."

Commented [DH44R42]: That makes sense for our proces..."

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

~~2.1.76.1.7~~ It is the responsibility of the ~~Generator-Customer~~ to protect its facilities, loads and equipment and comply with the requirements of all appropriate standards, codes, statutes, and authorities.

## ~~2.26.2~~ General Interconnection Requirements

~~2.2.16.2.1~~ Any Generating Facility desiring to interconnect with the District's ~~electric system~~ **Electric System** or modify an existing interconnection must meet all minimum technical specifications applicable, ~~in their most current approved version~~, as set forth in this policy.

~~2.2.26.2.2~~ The specifications and requirements in this section are intended to mitigate possible adverse impacts caused by the Generating Facility on District equipment and personnel and on other Customers of the District. They are not intended to address protection of the Generating Facility itself, Generating Facility personnel, or its internal load.

~~2.2.36.2.3~~ The specifications and requirements in this section shall apply generally to the non- District-owned electric generation equipment throughout the period encompassing the ~~gGenerating Facilities or'sgenerator's~~ installation, testing, ~~and~~ commissioning, operation, maintenance, decommissioning and removal of said equipment. The District may verify compliance at any time, with reasonable notice.

~~6.2.4~~ Customer shall conform to all applicable codes and standards— for safe and reliable operation. Among these are the National Electric Code (NEC), National Electric Safety Code (NESC), the Institute of Electrical Electronics Engineers (IEEE), American National Standards Institute (ANSI), ~~and~~ Underwriters Laboratories (UL) standards, Federal Energy Regulatory Commission (FERC), North American American Electric Reliability Corporation (NERC), Western Electric Coordinating Council (WECC), and local, state, and federal building codes.

~~2.2.46.2.5~~ The ~~gGeneratorCustomer~~ **generator** shall be responsible for obtaining all applicable permit(s) for the equipment installations on its property.

~~2.2.56.2.6~~ All safety and operating procedures for joint use equipment shall comply with the Occupational Safety and Health Administration (OSHA) Standard 29, CFR 1910.269, the NEC, Washington Administrative Code (WAC) rules, the Washington Industrial Safety and Health Administration (WISHA) Standard, and equipment manufacturer's safety and operating manuals.

~~6.2.7~~ Power Quality: Installations will be in compliance with all applicable standards including IEEE Standard 519, ~~1992~~ (latest) Harmonic Limits.

**Commented [JV45]:** Would we want to reference NERC Reliability Standards here?

**Commented [DH46R45]:** Tell me more? How do the reliability standards relate to the customer load?

**Commented [JV47R45]:** We are now required to account for and report and study all IBR. No exclusions. No lower limit. We report to BPA. Not sure what all they will want to see as yet.

**Commented [ML48R45]:** The second half of this sentence feels redundant. We already state in 6.1.3 they have to comply with "...this policy and all other applicable federal, state, and local laws, codes, and regulations." We could reference the applicable NERC standards requirements in section 6.2 if they are operational requirements or section 6.3 if it is equipment specific.

**Commented [DH49R45]:** Is this different than the "constructed and operated" that is referenced in the previous section? I'm ok removing it, just want to make sure it isn't something that is important.

**Commented [JV50R45]:** They could be combined as long as we say that it is their responsibility to maintain compliance with codes, WAC, standards, etc. as it might change or something to that effect.

**Commented [DH51]:** see if anywhere else, and either move to 6.1.2 or delete.

**Commented [ML52]:** Isn't this redundant to 6.1.2?

**Commented [DH53R52]:** Probably. Delete?

**Commented [ML54R52]:** I think we can. We've already stated above they have to meet applicable codes, standards, laws, and so on.

**Commented [DH55]:** M/J: Is this section missing anything?

**Commented [JV56R55]:** added ferc, nerc, wecc. for building codes I think we might actually be referring to the UBC and the like.

**Commented [DH57]:** M/J - Missing anything?

**Commented [JV58R57]:** I am not aware of any

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

6.2.8 All contracts for solar photovoltaic systems between the Customer and the vendor must be in compliance with RCW 19.95. The District reserves the right to review all documents, communications, and records for consistency with application, installation information, and laws and regulations.

### 6.3 Equipment and Configuration Requirements

6.3.1 Generating Customer shall furnish and install on its side of the meter, a UL-approved safety disconnect switch capable of fully disconnecting the Customer's Generating Facility(s) from the District's Electric System unless exceptions specified in this policy are met. The disconnect switch shall be installed on the Customer's side of the Production Meter. The disconnect switch shall be located adjacent to District meters and shall be of the visible break type in a metal enclosure which can be secured by a padlock. The disconnect switch shall be accessible to District personnel at all times.

6.3.1.1 Installation of a safety disconnect switch may be waived if:

6.3.1.2 Customer provides interconnection equipment that Customer can demonstrate, to the satisfaction of the District, performs physical disconnection of the generating equipment supply internally.

6.3.1.3 Customer agrees that its service may be disconnected entirely if generating equipment must be physically disconnected for any reason.

6.3.1.4 The project is a single phase nameplate system of 25kW or less. District may offer a one-time credit per the Engineering Schedule of Fees if Customer installs said disconnect switch.

6.3.2 Projects that are eligible for net metering under RCW 80.60 will have a District installed, owned, and maintained meter(s), capable of registering the bi-directional flow of electricity at the Point of Common Coupling at a level of accuracy that meets all applicable standards, regulations, and statutes. The Customer shall provide space for metering equipment. It will be the Customer's responsibility to provide the current transformer enclosure (if required), meter socket(s) and junction box after the Customer has submitted drawings and equipment specifications for the Districts approval.

6.3.3 The District requires separate Production Meter at all gGenerating fFacilities. This Production Meter(s) will record all generation produced and will be accounted for separately from any net metering or Customer usage metering.

Formatted: Indent: Left: 1.25", No bullets or numbering

Commented [DH59]: M/J: Is there a standard or generic location that works for both MFH and standard installations?

Commented [DH60R59]: We used this language for MFH version: 1.1. The disconnect switch shall be accessible to District personnel at all times and will be installed on CAP's side of the production meter.

Commented [ML61R59]: I'm good with this

Commented [DH62R59]: How does this change work?

Commented [JV63R59]: I think it works, but Mike is the expert on solar reviews.

Commented [64R59]: I don't know that we have to specify that it can be locked by a padlock since the disconnect is owned by the customer. I would agree it is a good practice just not certain it is up to us to require that. Maybe a quick point of discussion at today's meeting

Commented [DH65]: Clarify systems over 25 kw it's required?

Commented [DH66]: Should include this in the fee schedule?

Commented [DH67R66]: Put in fee schedule

Commented [ML68]: I think we should move this above as a subsection or second paragraph in 6.3.1. This way all requirements for safety disconnect are in the same spot.

Formatted: Indent: Left: 1.25", Hanging: 0.63"

Formatted: Indent: Left: 1.25", Hanging: 0.63"

Commented [DH69]: Would this be from a full disconnect/pulling the meter?

Commented [ML70R69]: Most likely. In the end I think we are just trying to cover our bases for the unforeseen so we have flexibility to accept an alternative solution.

I would also state, similar to 6.3.4, I think this should be moved up as a subsection to 6.3.1

Commented [DH71R69]: How would this work on the CAP project? Should we include a 3<sup>rd</sup> option?

Commented [DH72]: Streamline

Commented [DH73R72]: Done. @Lance Larwick please review.

Formatted: Default Paragraph Font

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

All costs associated with the installation of Production Metering will be paid by the Customer, including the cost to provide and install District owned meters.

6.3.4 Common labeling furnished or approved by the District and in accordance with NEC requirements must be posted on meter base, disconnects, and transformers informing working personnel that generation is operating at or is located on the premises.

6.3.5 Nominal voltage and phase configuration of Customer's Generating Facility must be compatible to the District system at the Point of Common Coupling.

6.3.6 Any inverter-based Generating Facility desiring to interconnect with the District's Electric System or modify an existing interconnection must meet the technical specifications, in their most current approved version, as set forth below.

6.3.6.1 IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

6.3.6.2 UL Standard 1741, Inverters, Converters, and Controllers for Use in Independent Power Systems. Equipment must be UL listed.

6.3.6.3 IEEE Standard 929-2000, IEEE Recommended Practice for District Interface of Photovoltaic (PV) Systems.

6.3.7 Non-inverter based interconnection requests may require additional fees to Customer for a more detailed review, testing, and approval by the District of the equipment proposed to be installed to ensure compliance with applicable technical specifications, in their most current approved version, including:

6.3.7.1 IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

6.3.7.2 ANSI Standard C37.90, IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus.

6.3.7.3 Customers proposing such interconnection may also be required to submit a power factor mitigation plan for District review and approval.

2.2.6

**Commented [DH74]:** Do we ever allow this? When does it come up?

**Commented [JV75R74]:** don't know that it has come up at less than 200 kw. this was probably more of a problem before we had the advanced controls we have now. think gen 1 windpower with no power factor controls. now we could require grid forming controls, but I am not sure that we should... behind the meter doesnt make sense in my book to track to this level.

**Commented [DH76R74]:** Ok - so do we keep this in the under 200kw policy or remove it as an option for these systems?

**Commented [JV77R74]:** It is unlikely that we would need this for less than 200 kW.

**Commented [ML78R74]:** It just covers our bases for the oddity. The only one I can think of is I believe someone somewhere installed a small little hydro facility in their backyard or the occasional baby windmill. I agree it is exceedingly rare but worth keeping the language so we don't have to rewrite the policy when someone shows up with something non-inverter based.

**Formatted:** Indent: Left: 1.25", No bullets or numbering

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

~~2.2.7 The District shall have the right to disconnect the Generating Facility at the disconnect switch or require reduction in deliveries under the following circumstances and shall remain disconnected until such time as the District is satisfied that the condition(s) have been corrected, or if it is otherwise safe to reconnect:~~

~~2.2.7.1 When necessary to maintain safe electrical operating conditions, reliability, or quality of service to District customers or to prevent damage or harm to another person or the property of another person; or~~

~~2.2.7.2 When necessary to construct, install, maintain, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or~~

#### **6.4 If the Generating Facility does not meet required standards, or these rules: Application for Generation Interconnection**

6.4.1 In accordance with RCW 80.60.020, the District may deny applications for Generation as of the first date upon which the cumulative generating capacity of net metering systems equals four percent of the utility's peak demand during 1996 or June 30, 2029.

6.4.2 Per RCW 19.95.020(7), Customer should not apply for permits until after the District has approved the application(s).

6.4.3 When a Customer requests interconnection from the District, the Customer shall be responsible for conforming to the rules and regulations that are in effect and on file with the District at that time and going forward into the future. The District will designate a point of contact and provide a telephone number or website address for this purpose.

6.4.4 The Customer seeking to interconnect a Generating Facility under these rules must fill out and submit a signed application form. Information must be accurate, complete, and approved by the District prior to installing the Generating Facility.

6.4.5 A non-refundable Application Fee will be required as listed in the Engineering Schedule of Fees.

6.4.6 To ensure that generating facilities may be included in the District's energy portfolio the Customer agrees that all environmental attributes, Renewable Energy Credits (RECs), that will be associated with the installation and production output of interconnected generating facilities, shall be owned by the PUD upon agreement from the Customer.

**Commented [DH79]:** What do we mean by this?

**Commented [JV80R79]:** if we for some reason needed them to curtail the generation. When all the wind farms came on originally BPA required them to not run at times. This would be akin to that. If they were going to reverse the feeder direction and our protection wouldn't work then we might have to do this.

**Commented [DH81R79]:** Will this ever come up on systems under 200kw?

**Commented [JV82R79]:** I believe it has. In one case I think the generator got turned and left off. I don't remember what the original issue was.

**Commented [DH83]:** If we disconnect, does the customer lose electrical service - experiencing an outage?

**Commented [JV84R83]:** depending on the setup - perhaps. generally if they have a generator disconnect we could just open the disconnect to turn the generator off and not have to power down the entire service. if there wasn't a disconnect then a possible action could be to pull the meter.

**Commented [DH85R83]:** Ok - is that an operations/meter shop piece?

**Commented [DH86R83]:** Do we leave this as is?

**Commented [JV87R83]:** I think we leave it as is.

**Formatted:** Indent: Left: 1.25", Hanging: 0.63"

**Commented [ML88]:** Did this deleted language get moved elsewhere?

**Commented [DH89R88]:** Yes - it's now under: 6.6.1

**Formatted:** Heading 2, No bullets or numbering

**Commented [JV90]:** I added this and then saw it is Redundant to 6.4.11 so not sure this is necessary

**Commented [DH91R90]:** I saw we leave it in, might help.

**Commented [ML92R90]:** I agree it's redundant but harmless. I would lean towards removing it but not a hill worth dying on either.

**Commented [JV93R90]:** agreed, could go either way on it.

**Commented [ML94]:** This is interesting to me, what are we trying to achieve and what are we potentially accepting by doing this. For example if one day they discover that solar cells unknowingly leaked bad for people juice on to roofs and into water supplies and soil, are we accepting the liability for it by taking ownership here?

**Commented [DH95R94]:** Meant to capture Renewable Energy Credits. Dever to check with Chris/Amanda on Language suggestions.

**Commented [DH96]:** Paraphrased from another utility. I will add this as a specific point in the application/agreement form.

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

6.4.7 Charges by the District to the Customer in addition to the application fee, if any, will be the estimated District costs applied as appropriate. Such costs may include, but are not limited to, transformers, and District testing, qualification, and approval of non UL 1741 listed equipment. The gCustomer shall be responsible for any costs associated with any future upgrade or modification to its interconnected system required by modifications in the District's Electric System.

6.4.8 All generation interconnection requests pursuant to this policy will be prioritized by the District in the order received regardless of application type whether new service, Line Extension, interconnection, etc.

6.4.9 All generation interconnection requests pursuant to this policy will be reviewed by the District for compliance with these rules. If the District in its sole discretion finds that the application does not comply with this policy, the District may reject the application. If the District rejects the application, it shall provide the Customer with written notification stating its reasons for rejecting the application.

6.4.10 Customer may decommission the Generating Facility at any time; provided that the Customer provides notice to the District.

6.4.11 Prior to any future modification or expansion of the Generating Facility, the Customer will obtain District review and approval. The District reserves the right to require the Customer, at the Customer's expense, to provide corrections or additions to existing electrical devices in the event of modification of government or industry regulations and standards.

6.4.12 As currently set forth for qualifying generation under RCW 80.60.040, for solar, wind, hydro or fuel cells no additional insurance will be necessary. However, the District shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a Generating Facility, or for the act or omissions of the Customer that cause loss or injury, including death, to any third party. For other Generating Facilities permitted under these standards and rules but not included in RCW 80.60, additional insurance, limitations of liability and indemnification may be required by the District.

6.4.13 Generator Customer must update the dDistrict of any changes to the proposed project as soon as possible, up to and including resubmission of application. Any changes made must be approved (or have been requested) by the District.

6.4.14 District reserves the right to verify all information provided, including contractor and component information.

**Commented [DH97]:** Does this matter for engineering?

**Commented [JV98R97]:** probably more for operations. it is hard to say at the current penetration we are seeing. but if we have a feeder with 10 MW of load and then a lot of DER gets added we might add more load to the feeder. Then if the generation was going to be gone we may have to shed load and might need notice to reconfigure the feeder.

**Commented [DH99R97]:** Ok - so getting notice that the system is going offline would be helpful?

**Commented [JV100R97]:** probably not for less than 200 kw. at least not until we have a high penetration of IBR. It is supposed to happen sometime, just not yet. i suppose it is unlikely that we would be tracking this anyway for such a small generator.

**Commented [DH101R97]:** What about this change? Make it more related to permanently taking the system offline?

**Commented [JV102R97]:** i think it looks good.

**Commented [DH103]:** Is there consequence if this is not done?

**Commented [JV104R103]:** i am sure it happens all the time. inverter fails and is replaced. could be upgraded to a higher capacity, etc. I don't believe there is a penalty other than IF we found out we could charge them for any new required equipment (larger transformer, secondary, etc).

**Commented [DH105R103]:** Ok - we also need to know if a system expands for tracking under the net metering program. I'll just add something to the form for when it's a system/component change so we can at least flag system sizing changes.

**Commented [JV106R103]:** sounds good.

**Formatted:** Indent: Left: 0.75", Space After: 0 pt, Outline numbered + Level: 3 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.19" + Indent at: 0.69"

**Formatted:** Space After: 12 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

## 6.5 Project Commissioning

6.5.1 All Generating Facilities must obtain an electrical permit and pass electrical inspection before they can be connected or Operated in Parallel with the District's Electric System. Customer shall provide written certification to the District that the Generating Facility has been installed and inspected in compliance with the local building and/or electrical codes.

6.5.2 The District shall have the right to have representatives present at the initial testing of Customer's Generating Facility protective apparatus. Customer shall notify the District 7 days in advance of when testing is to take place.

6.5.3 Prior to Initial Operation, all Customers must submit a certificate of completion to the District, which includes a completed utility inspection/witness test and receive written approval by the District. Forms can be found on the District's website or may be requested from the Engineering Department.

Formatted: Indent: Left: 1.25", Space After: 0 pt

Formatted: Heading 2, Indent: Left: 0"

Formatted: Space After: 12 pt

Commented [ML107]: The is redundant. It repeats what 6.4.13 and 6.4.14 say.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 2.3 Specific Interconnection Requirements

~~Generating Customer shall furnish and install on its side of the meter, a UL-approved safety disconnect switch capable of fully disconnecting the Customer's Generating Facility(s) from the District's electric system. The disconnect switch shall be located adjacent to District meters and shall be of the visible break type in a metal enclosure which can be secured by a padlock. The disconnect switch shall be accessible to District personnel at all times. As set forth in RCW 80.60, the District shall install, own, and maintain a kilowatt-hour meter, or meters as the installation may determine, capable of registering the bi-directional flow of electricity at the Point of Common Coupling at a level of accuracy that meets all applicable standards, regulations, and statutes. The Customer shall provide space for metering equipment. It will be the Customer's responsibility to provide the current transformer enclosure (if required), meter socket(s) and junction box after the Customer has submitted drawings and equipment specifications for the Districts approval.~~

2.3.1 ~~The District requires separate metering for production. This meter(s) will record all generation produced and will be accounted for separately from any net metering or Customer usage metering. All costs associated with the installation of production metering will be paid by the Customer, including the cost to provide and install District owned meters.~~

~~For single phase nameplate systems 25kW or less, it is recommended a UL-approved visible safety disconnect switch be installed. For this size system the District may offer a credit of \$150 toward a production meter if Customer installs said disconnect switch. Common labeling furnished or approved by the District and in accordance with NEC requirements must be posted on meter base, disconnects, and transformers informing working personnel that generation is operating at or is located on the premises.~~

2.3.2

2.4 ~~The requirement in section 6.3.1 above may be waived by the District if: 1) Customer provides interconnection equipment that Customer can demonstrate, to the satisfaction of the District, performs physical disconnection of the generating equipment supply internally; and 2) Customer~~

Formatted: Heading 2, Indent: Left: 0.75", No bullets or numbering

Formatted: Indent: Left: 0.75", No bullets or numbering

Formatted: Font color: Auto

Formatted: Heading 2, Indent: Left: 0", Space After: 12 pt

Commented [DH108]: M/J: Is there a standard or generic location that works for both MFH and standard installations?

Commented [DH109R108]: We used this language for MFH version: 1.1. The disconnect switch shall be accessible to District personnel at all times and will be installed on CAP's side of the production meter.

Commented [DH110]: Should include this in the fee schedule?

Commented [DH111]: Dever - make sure to check all references when done.

Formatted: Subsection (heading 3), Indent: Left: 1.25", Space After: 0 pt

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

agrees that its service may be disconnected entirely if generating equipment must be physically disconnected for any reason.

Commented [DH112]: Would this be from a full disconnect/pulling the meter?

Commented [JV113R112]: yes, maintenance/safety could possibly trigger.

~~2.5~~ Nominal voltage and phase configuration of Customer's Generating Facility must be compatible to the District system at the Point of Common Coupling.

~~2.6~~ Any inverter-based Generating Facility desiring to interconnect with the District's electric system or modify an existing interconnection must meet the technical specifications, in their most current approved version, as set forth below.

~~2.7~~ IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

Formatted: Subsection (heading 3), Indent: Left: 1.25", Hanging: 0.63", Space After: 0 pt, Outline numbered + Level: 4 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.25" + Indent at: 1"

~~2.8~~ UL Standard 1741, Inverters, Converters, and Controllers for Use in Independent Power Systems. Equipment must be UL listed.

~~2.9~~ IEEE Standard 929-2000, IEEE Recommended Practice for District Interface of Photovoltaic (PV) Systems.

~~2.10~~ Non inverter based interconnection requests may require additional fees to Customer for a more detailed review, testing, and approval by the District of the equipment proposed to be installed to ensure compliance with applicable technical specifications, in their most current approved version, including:

Formatted: Subsection (heading 3), Indent: Left: 1.25", Space After: 0 pt

Commented [DH114]: Do we ever allow this? When does it come up?

~~2.11~~ IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

Commented [JV115R114]: it is allowed, but it has never come up to my knowledge. i think you would need a 1 MW generator or something to make it worthwhile to connect a hydro unit or something like that with a synchronous motor. unusual for a residential customer, but not so unusual for something like a mill.

~~2.12~~ ANSI Standard C37.90, IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus.

Formatted: Subsection (heading 3), Indent: Left: 1.25", Hanging: 0.63", Space After: 0 pt, Outline numbered + Level: 4 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.25" + Indent at: 1"

~~6.6~~ Customers proposing such interconnection may also be required to submit a power factor mitigation plan for District review and approval.  
~~Disconnection of Generation or Facility~~

Formatted: Heading 2, No bullets or numbering

Commented [DH116]: What do we mean by this?

~~6.6.1~~ The District shall have the right to disconnect the Generating Facility at the disconnect switch or require reduction in deliveries under the following circumstances and shall remain disconnected until such time as the District is satisfied that the condition(s) have been corrected, or if it is otherwise safe to reconnect:

Commented [ML117R116]: If someone has multiple solar installs on their property and we want them to disconnect some of them, we can require them to. For example we've had some customers install a small solar system on their house and then a couple years later come back and install a separate one on the shop. That doesn't mean they can't choose to turn them all off.

~~6.6.1.1~~ When necessary to maintain safe electrical operating conditions, reliability, or quality of service to District Customers or to prevent damage or harm to another person or the property of another person; or

Commented [DH118]: If we disconnect, does the customer lose electrical service - experiencing an outage?

Commented [ML119R118]: They shouldn't if the aforementioned safety disconnect has been installed. The safety disconnect only disconnects the generation.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

6.6.1.2 When necessary to construct, install, maintain, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or

6.6.1.3 If the Generating Facility does not meet required standards, or these rules.

6.6.1.4 Service may be disconnected for all other reasons contained within District policies.

6.6.2 The District will attempt to provide advance notice of disconnection for planned electrical system maintenance but may not provide notice when necessary to maintain system reliability and safe operational conditions.

6.6.3 For the purposes of public and working personnel safety, any non-approved Generating Facility interconnections or changes discovered will be immediately disconnected from the Utility system without any liability to the Utility. Such disconnection may result in disconnection of electric service to Customers of the Utility other than the owner of the Generating Facility.

**Formatted:** Indent: Left: 1.25", Hanging: 0.63", Space After: 0 pt

**Commented [ML120]:** should we say "rules" here or should we say "District Policy"? We could delete 6.6.1.4 then.

**Commented [DH121R120]:** 6.6.1.4 - disconnected for all other reasons? I think that relates to other department policies like non-payment, etc.

**Formatted:** Indent: Left: 0.75", Space After: 0 pt, Outline numbered + Level: 3 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.19" + Indent at: 0.69"

**Commented [ML122]:** Honestly for net metering systems, why do we care? Unless someone has a reason why not to, I think we should delete this. This makes sense for large facilities (over 1MW) not small facilities.

**Commented [DH123R122]:** It's something billing has flagged in the past. I will follow up with them. Maybe this moves to customer service policies?

**Formatted:** Indent: Left: 0.75", Outline numbered + Level: 3 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.19" + Indent at: 0.69"

**Formatted:** Indent: Left: 1.88", No bullets or numbering

## **2.13 Application for Generation Interconnection**

2.13.1 When a Customer requests interconnection from the District, the Customer shall be responsible for conforming to the rules and regulations that are in effect and on file with the District. The District will designate a point of contact and provide a telephone number or website address for this purpose.

2.13.2 The Customer seeking to interconnect a Generating Facility under these rules must fill out and submit a signed application form. Information must be accurate, complete, and approved by the District prior to installing the Generating Facility.

2.13.3 A non-refundable Application Fee will be required as listed in the Engineering Fee Schedule.

2.13.4 Charges by the District to the Customer in addition to the application fee, if any, will be the estimated District costs applied as appropriate. Such costs may include, but are not limited to, transformers, production meters, and District testing, qualification, and approval of non UL 1741 listed equipment. The generator shall be responsible for any costs associated with any future upgrade or modification to its interconnected system required by modifications in the District's electric system.

**Commented [DH124]:** Since we require this, can we just make it a required fee? This seems to indicate this is optional...

**Commented [JV125R124]:** not sure why we went seemed to make it optional. perhaps we couldnt force customers to do this? we are now required to report this to BPA so I dont see this going away.

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

~~2.13.5 All generation interconnection requests pursuant to this policy will be prioritized by the District in the order received regardless of application type whether new service, line line Extension, interconnection, etc.~~

~~2.13.6 All generation interconnection requests pursuant to this policy will be reviewed by the District for compliance with these rules. If the District in its sole discretion finds that the application does not comply with this policy, the District may reject the application. If the District rejects the application, it shall provide the Customer with written notification stating its reasons for rejecting the application.~~

~~2.13.7 The District shall have the right to have representatives present at the initial testing of Customer's Generating Facility protective apparatus. Customer shall notify the District when testing is to take place.~~

~~2.13.8 All Generating Facilities must obtain an electrical permit and pass electrical inspection before they can be connected or operated in parallel with the District's electric system. Generator shall provide written certification to the District that the Generating Facility has been installed and inspected in compliance with the local building and/or electrical codes.~~

~~2.13.9 Prior to Initial Operation, all generators must submit a certificate of completion to the District, which includes a completed utility inspection/witness test and receive written approval by the District. Forms can be found on the District's website on the Net Metering page or may be requested from the Engineering Department.~~

~~2.13.10 Generator may disconnect the Generating Facility at any time; provided that the Generator provides notice to the District.~~

~~2.13.11 Prior to any future modification or expansion of the Generating Facility, the Generator will obtain District review and approval. The District reserves the right to require the Generator, at the Generator's expense, to provide corrections or additions to existing electrical devices in the event of modification of government or industry regulations and standards.~~

~~2.13.12 As currently set forth for qualifying generation under RCW 80.60.040, for solar, wind, hydro or fuel cells no additional insurance will be necessary. However, the District shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metering system, or for the act or omissions of the Generator that cause loss or injury, including death, to any third party. For other Generating Facilities permitted under these standards and rules but not included in RCW 80.60, additional insurance, limitations of liability and indemnification may be required by the District.~~

**Commented [DH126]:** Would like us to reserve the right to verify electrical licenses and permits.

**Commented [JV127R126]:** I think our procedure is for a signed off permit from WA L&I. Then it is up to L&I to make sure everything is complete.

**Commented [DH128R126]:** True - but what if the permit doesn't match the information we were given?

**Commented [DH129]:** Is this a temp or permeant disconnect? Billing will sometimes flag is a system is off line (like a roof replacement etc.)

**Commented [JV130R129]:** could be either

**Commented [DH131]:** Is there a "failure to" statement?

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

## 2.14 Metering and Payment

~~2.14.1 As set forth in RCW 80.60, the District shall install, own, and maintain a kilowatt-hour meter, or meters as the installation may determine, capable of registering the bi-directional flow of electricity at the Point of Common Coupling at a level of accuracy that meets all applicable standards, regulations, and statutes. The Customer shall provide space for metering equipment. It will be the Customer's responsibility to provide the current transformer enclosure (if required), meter socket(s) and junction box after the Customer has submitted drawings and equipment specifications for the District's approval.~~

~~2.14.2 The process for payment for net energy shall be as follows:~~

~~2.14.2.1 The District shall measure the net electricity produced and/or consumed by the Customer during each billing period, in accordance with normal metering practices.~~

~~2.14.2.2 If the electricity supplied by the District exceeds the electricity generated by the Customer, then the Customer shall be billed for the net electricity supplied by the District together with the appropriate Customer charge paid by other Customers of the District in the same rate schedule.~~

~~2.14.3 If the electricity generated by the Customer and distributed back to the District during the billing period exceeds the electricity supplied by the District, then the Customer shall be billed for the appropriate Customer Service charge as other Customers of the District in the same rate schedule and credited for the net excess kilowatt-hours generated during the billing period, with this kilowatt-hour credit appearing on Customer's bill for the following billing period.~~

~~2.14.3.1 On March 31st of each calendar year, any remaining unused kilowatt-hour credit accumulated by the Customer during the previous year (being the previous 12 months), if any, shall be granted to the District, without any compensation to the Customer.~~

~~2.14.3.2 Customer shall pay any amount owing for electric service provided by the District in accordance with applicable rates and policies. Nothing in this section shall limit the District's rights under applicable Rate Schedules, Customer Service Policies, or any other policy.~~

~~Production Metering: The District requires separate metering for production. This meter(s) will record all generation produced and will be accounted for separately from any net metering or Customer usage metering. All costs~~

**Commented [DH132]:** Section mostly moving to CS.  
Need to add:  
Low-income Multifamily option (From the CAP Agreement)  
Over 100kw crediting as approved by the District  
Cross reference between Engineering and Customer Service Policies  
Reference to rate schedules  
Would like us to reserve the right to review for consumer protection requirements.  
Need to create a supplemental application forms for systems over 100kw and for low-income multi family housing.

**Commented [DH133]:** Moving to CS?

**Formatted:** Indent: Left: 0.75", Outline numbered + Level: 3 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.19" + Indent at: 0.69"

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

~~associated with the installation of production metering will be paid by the Customer, including the cost to provide and install District-owned meters.~~

~~2.14.4 Meter Aggregation: If requested, the District will provide meter aggregation. Kilowatt hours credits earned by net metering during the billing period shall be first used to offset electricity supplied by the District. No more than a total of 100 kW shall be aggregated per Customer participating in net metering.~~

~~2.14.5 For a Customer participating in meter aggregation, credits for kilowatt hours earned by the Customer-generator's net metering system during the billing period first shall be used to offset electricity supplied by the electric utility at the location of the Customer-generator's designated meter.~~

~~2.14.6 A Customer may aggregate a designated meter with one additional aggregated meter located on the same parcel as the designated meter or a parcel that is contiguous with the parcel where the designated meter is located.~~

~~2.14.7 For the purposes of this policy, a parcel is considered contiguous if they share a common property boundary but may be separated only by a road or rail corridor.~~

~~2.14.8 A Customer-generator that receives electric service from the District at an aggregated meter must be the same Customer who receives service from the District at the designated meter that is located on the premises where the Customer-generator's net metering system is located.~~

~~2.14.9 Credits for excess kilowatt hours earned by the net metering system at the site of a designated meter during a billing period shall be credited by the District for kilowatt hour charges due at the aggregated meter at the applicable rate of the aggregated meter.~~

~~2.14.10 If credits generated in any billing period exceed total consumption for that billing period at both meters that are part of an aggregated arrangement, credits are retained, carried over and applied pursuant to section 6.5.2 above.~~

~~2.14.11 Meters so aggregated shall not change rate classes due to meter aggregation under this section.~~

~~2.14.12 Common labeling furnished or approved by the District and in accordance with NEC requirements must be posted on meter base, disconnects, and transformers informing working personnel that generation is operating at or is located on the premises.~~

**Commented [JV134]:** Do we want to change the aggregation to 200 kW?

**Commented [DH135R134]:** I think that is going to be a customer service decision. We aren't opening up net metering above 100kw...

**Commented [ML136R134]:** I think the challenge comes in that we have always thought of this section as being exclusively for net metering. We are trying to decouple that somewhat now with the recent CAP project. I think my only question is why wouldn't we go up to 200 kW for net metering? If we don't, we are creating this weird little segment between the net metering limit and the large generator limit that we are going to have to do special interconnection agreements with. Also this 100kW limit for net metering is never actually defined in this policy from what I can see ... except for meter aggregation. Unless it shows up in the RCW's it seems easier and reasonable to re-align everything with the new 200 kW threshold.

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

### 3. Alternate Electric Service Policy

#### 3.1 Availability

The District will provide Alternate Service at the request of a Customer who demonstrates a requirement for a higher than normal degree of service continuity and who receives service under Rate Schedules 5 or 8. The District will exercise every effort to provide reliable and continuous service, and maintain Alternate Service to the best of its ability consistent with the need to operate and maintain its overall distribution system, and will notify the Customer if the Alternate Service is to be discontinued for any extended period of time. However, it is recognized that the District cannot guarantee continuous availability of the Alternate Service. Alternate Service will be provided only under a contract between the District and a Customer.

Formatted: Indent: Left: 0", Hanging: 0.25"

#### 3.2 Contract Provisions

Alternate Service contracts will provide generally as follows:

Formatted: Indent: Hanging: 0.25"

3.2.1 The Customer will specify its Alternate Service kVA Demand (Contract Demand) requirement and the period of time for which Alternate Service is required.

Formatted: Indent: Left: 0", Hanging: 0.25"

3.2.2 The design and arrangement of both the preferred and alternate circuits will be at the option of the District. The Customer will install and maintain an automatic transfer switch. The characteristics, arrangement, and operation of the transfer switch and the associated circuits will be subject to the District's approval.

3.2.3 The Customer will pay the District a monthly charge or lump sum payment to cover the cost of facilities necessary to provide the Alternate Service.

3.2.4 The kVA Demand on the Alternate Service will be measured by separate kW and kVA Demand meters. Should the Customer impose a kVA Demand on the Alternate Service facilities exceeds the amount for which it contracted, the Customer will be in default of the present contract and be required to execute a new contract for Alternate Service, reflecting the additional cost of the District to provide the increased level of service. The Customer will be billed the actual cost of any damage to the District's facilities caused by the Customer's Alternate Service Demand in excess of the contracted amount.

#### 3.3 Rate for Electric Distribution Reserve Service

In addition to the Customer's normal monthly charges for electric service, the District will charge a minimum monthly rate that recovers costs related to reserving and maintaining Alternate Service. The rate is designed to recover costs of facility capacity, operations and maintenance and other costs associated with the delivery of electric service to all Customers. Accordingly, the District will review and may adjust Alternate Electric Service rate during the normal course of reviewing and adjusting rates for all Customers.

Formatted: Indent: Hanging: 0.25"

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

### 3.4 — Existing Alternate Service Customers

Unless otherwise specifically provided, a Customer receiving Alternate Service on or before April 1, 2008 will continue to receive Alternate Service without charge subject to the conditions listed below.

3.4.1 — Should the nature of the Premises change, Alternate Service without charge will be discontinued after 30 days' written notice by the District.

3.4.2 — Should an additional investment be required of the District to continue to furnish Alternate Service, the Customer will be so notified and given the option of limiting the kVA Demand of Alternate Service required to that which is available from the District at no charge or executing an agreement with the District for Alternate Service in accordance with this policy.

3.4.3 — Should a Customer receiving Alternate Service without charge modify its facilities such that an increase in Alternate Service requirement occurs, the Customer must execute an agreement with the District for Alternate Service in accordance with this policy.

### 3.5 — Termination of Alternate Service

The Customer may terminate the agreement for Alternate Service upon 30 days' written notice to the District. If there is no value to the District for the alternate service facilities to remain in service, the Customer will pay the District to remove such facilities, less any salvage value.

Formatted: Indent: Left: 0", Hanging: 0.25"

Formatted: Indent: Hanging: 0.25"

Formatted: Indent: Left: 0", Hanging: 0.25"

Formatted: Indent: Hanging: 0.25"

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 7. Large Load and Generation Interconnection Requirements Policy

### 4. Large Load and Generation Interconnection Requirements Policy

#### 4.17.1 Facility Interconnection Program

7.1.1 The Director of Engineering will create and maintain a Facility Interconnection Program that complies with the Electric System Interconnection Requirements applicable to NERC Reliability Standard FAC-001-2 and subsequent revisions. The purpose of the program is to avoid adverse impacts on the quality of service and reliability of the District's system and the greater Bulk Electric System that may be caused by large ~~generators~~ Generating Facilities.

7.1.2 Unless otherwise approved by the District, all systems under this section must also comply with the requirements of Section 6 - Small Generation Interconnections Standards Policy (Less than 200kW AC)

7.1.3 The requirements shall apply to all new Generating ~~generators~~ Facilities generators with capacity over 200~~100~~kW, any changes to existing systems that would increase the capacity to 200kw or greater, any utility interconnections and any end use facilities serving new loads greater than 2500kW. The District reserves the right to enforce this policy on loads less than 2500kW when circumstances require additional study.

7.1.4 Approval of interconnection of generation does not guarantee energy savings or crediting for the Customer. The District does not offer Net Metering for systems 200kw or larger.

4.17.1.5 Additionally, these requirements shall apply to all modifications of existing facilities in the categories mentioned above. These requirements shall also apply to co-generation entities that implement changes in their normal operations, which result in a change to District's obligation to serve retail load. Detailed information regarding Facility Connection Requirements is provided on the District's website at Facility Connection Requirements | Cowlitz PUD.

#### 4.27.2 Consideration of New Interconnection

As defined in Sections 8.2.1, 8.2.2 and 8.2.3 below, the general interconnection process consists of three stages, each of which have varying completion timelines depending on the complexity of the project, earlier queued interconnection requests, and other priorities. The District shall use reasonable efforts to keep the applicant apprised of the timeline necessary to complete this process.

**Formatted:** Outline numbered + Level: 1 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0" + Indent at: 0.25"

**Commented [DH137]:** I think we should consider including some of the policies for small systems with the larger system language.

**Commented [JV138R137]:** We could reference that the requirements for large generator are for that for small generator plus the policy as defined in FAC-001 rather than restating everything? then the FAC document could trump any inconsistencies in this document?

**Formatted:** Space Before: 18 pt, After: 0 pt

**Formatted:** Indent: Left: 0.75"

**Formatted:** Indent: Left: 0.19", Hanging: 0.5", No bullets or numbering

**Commented [DH139]:** What if it's an expansion of an existing system that puts it over 200kw?

**Commented [JV140R139]:** i think we would want to keep the total kw to 200 kW to meet BPA requirements.

**Commented [ML141]:** need to fix formatting here so this section is a subsection to the one before.

**Commented [DH142R141]:** Agreed. Formatting will be updated once changes are accepted. It won't let me format easily right now.

**Commented [DH143]:** Jerod has edits on this.

**Commented [DH144]:** Remove section reference?

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

4.2.17.2.1 Feasibility Study: Upon acceptance of a Line-Load Interconnection Request, signing of an Interconnection Study Agreement and paying its associated invoice, the District will perform a preliminary evaluation of the feasibility of the interconnection request. An initial plan of service will be determined to identify the point of interconnection and delivery voltage. If after completion of a Feasibility Study the applicant elects not to execute the System Impact Study Agreement or it exceeds the sixty-day window in which to inform the District of its intent to move forward, the applicant will be deemed to have withdrawn its request for interconnection.

4.2.27.2.2 System Impact Study: Subsequent to the Feasibility Study and upon signing an Interconnection Study Agreement and paying its associated invoice the District will perform a study to determine the impact of the proposed interconnection on the reliability of the Transmission System using criteria of the District, BPA, WECC and NERC. This study will identify any District and neighboring system impacts. Neighboring system impacts will necessitate a joint study.

4.2.37.2.3 Facilities Study: Subsequent to the system impact study and upon signing an interconnection study agreement and paying its associated invoice for a Facilities Study, the District will review and determine the equipment, engineering, procurement, and construction work necessary to implement the conclusions of the interconnection system impact study including the estimated cost thereof.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

**8. Board Acceptance**

\_\_\_\_\_  
Dave Quinn, President Date

\_\_\_\_\_  
Duane Dalglish, Vice President Date

\_\_\_\_\_  
Bruce Pollock, Secretary Date

Formatted: Justified

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 5. Communications Tower Siting Policy

### 5.1 Use Regulations

Wireless telecommunications facilities are permitted and allowed under varying conditions dependent upon their form and Zoning District in which the facility is to be located. The following requirements apply to all wireless telecommunications facilities in all Zoning Districts. These general standards are to be supplemented with the specific regulations for nonresidential and residential Districts as set forth within the individual municipalities' ordinances and regulations. The Wireless Communication Owner will provide all required documentation to the District's Director of Engineering to verify all siting requirements have been satisfied.

5.1.1 The Wireless Communications Owner will comply with all City and/or County permit application processes, ordinances, state, and federal laws, including FCC regulations pertaining to the placement, construction, and modification of Personal Wireless Service facilities.

5.1.2 A new Wireless Communications Tower that is to be constructed shall be designed to accommodate up to three (3) providers. Collocations requests shall not be unreasonably denied.

5.1.3 The location of the Tower and related equipment shall comply with all natural resource protection standards established in the Zoning Code as well as in state and federal regulations, including those for flood plains, wetlands, viewsheds, and steep slopes.

5.1.4 Security fencing eight feet in height shall surround the Tower, equipment shelter and any guy wires, either completely or individually as determined by appropriate permitting/agency of jurisdiction.

5.1.5 The following buffer treatments may be located around the perimeter of the security fence as deemed appropriate as a permit condition.

5.1.5.1 A decorative security fence or other constructed barrier is preferred and may be used to conceal equipment.

5.1.5.2 An evergreen screen may be planted that consists of either a hedge, planted three feet on center maximum, or a row of evergreen trees planted five feet on center maximum, provided appropriate safety clearance can be maintained from District facilities.

5.1.6 Existing vegetation (trees and shrubs) shall be preserved to the maximum extent possible.

~~5.1.7 Any Wireless Communication Owner requesting permission to install a new Tower shall provide evidence of Collocation requests with all wireless service providers who supply service within nominal coverage distance of the proposed facility. This will include the Collocation needs of the District. The contacted providers shall be requested to respond in writing to the inquiry within 30 days. The Wireless Communication Owner's letter(s) as well as responses shall be presented to the District's Director of Engineering demonstrating the need for a new Tower.~~

~~5.1.8 The Tower shall be painted a non-contrasting color that is compatible with the surrounding environment, thus minimizing its visibility, unless specific coloring is required by the FCC, FAA, or permitting agency.~~

~~5.1.9 No advertising is permitted anywhere on the facility, with the exception of identification signage.~~

~~5.1.10 No Tower under 150 feet shall be artificially lit, except to ensure safety or as required by the FAA. Any Tower between 150 and 200 feet in height shall follow safety marking and obstruction lighting as prescribed by the FAA. Security lighting around the equipment shelter is permitted.~~

~~5.1.11 "No Trespassing" signs shall be posted around the facility with a telephone number of who to contact in the event of an emergency.~~

~~5.1.12 A Conditional Use Permit must be approved by the appropriate permitting/agency of jurisdiction with a subsequent Building Permit issued by the same for construction of new Towers.~~

~~5.1.13 Any decision by the District to accept or deny a request to place, construct or modify a wireless telecommunications antenna and/or Tower shall be in writing by the Director of Engineering.~~

~~5.1.14 A communications Tower site lease agreement will be executed by the Wireless Communication Owner and the District, and all approvals and permits acquired before construction may commence.~~

~~5.1.15 Towers constructed on District property will be required to provide space for District communication equipment, as may be required by the District.~~

## **5.2 Neighborhood Outreach**

~~As part of the siting process, the Wireless Communications Owner shall notify all property owners within 500 feet, or at a distance as required by the local jurisdiction, of the boundary of the property upon which the proposed Wireless Telecommunications Facility would be located and shall request its comments. Notifications shall be addressed to the property owner. The Wireless Communications Owner shall provide written responses to the District~~

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

for approval prior to responding to property owners who provide comments. The Wireless Communication Owner is not authorized to speak on behalf of the District.

### 5.3—Unused Equipment

- 5.3.1 All Wireless Communication Owner's utilizing Towers on District premises shall notify the Director of Engineering of any Tower facility located on District property whose use will be discontinued and the date this use will cease.
- 5.3.2 The Director of Engineering may declare the facility abandoned if, at any time, the use of the facility is discontinued for more than 180 days. (This excludes any dormancy period between construction and the initial use of the facility).
- 5.3.3 The Wireless Communications Owner shall remove unused or abandoned facilities and equipment within 60 days of notification by the District.

### 5.4—Interference Mitigation

The Wireless Communication Owner and the District mutually agree to install equipment of the type and frequency which will not cause harmful interference to either party which is measurable in accordance with the then existing industry standards and FCC regulations. In the event that any future lessees' equipment causes such interference, and after the District has notified the lessee in writing of such interference specifying a time frame to correct the interference, the lessee will take all commercially reasonable steps necessary to correct and eliminate the interference, including but not limited to, at the lessee's option, powering down such equipment and later powering up such equipment for intermittent testing. In no event will the District be entitled to terminate this Agreement as long as the lessee makes a good faith effort to remedy the interference issue. The District agrees that the District and/or any other future tenants of the property will be permitted to install only such radio equipment that is of the type and frequency which will not cause interference to the lessee.

### 5.5—RF Emissions

The Wireless Communication Owner shall comply with all applicable FCC RF (radio frequency) safety policies and guidelines for RF exposure limits. The Wireless Communication Owner shall be responsible for responding to inquiries or claims received due to RF emissions generated by their equipment.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 5.6—Environmental Considerations

The FCC's environmental rules place the responsibility on each Wireless Communication Owner to investigate all the potential environmental effects, and disclose any significant effects on the environment in an Environmental Assessment (EA) in compliance with all applicable Federal, State, and local Environmental requirements including, but not limited to, the Washington State Environmental Policy Act (RCW 43.21C, SEPA Rules (WAC 197-11) and Federal EPA requirements. The categories to be considered include those listed below:

- Wilderness Areas
- Wildlife Preserves
- Threatened and Endangered Species
- Critical Habitats
- Historic Sites
- Cultural Resources
- Native American Religious sites
- Shorelines
- Flood Plain
- Wetlands
- High Intensity White Lights in Residential Neighborhoods
- Excessive Radiofrequency Radiation Exposure

## 5.7—Submittals

- 5.7.1 Applicant shall submit a complete and accurate wireless communication site application and application fee to initiate the process.
- 5.7.2 Documentation verifying that all siting requirements have been met.
- 5.7.3 A report prepared by a licensed professional engineer containing the height, design, and proof of compliance with the nationally accepted structural standards published by the American National Standards Institute/ Electronic Industry Association section 222, as amended.
- 5.7.4 A copy of the soil report complying with the standards of ANSI/EIA-222 as amended, that was submitted to the appropriate permitting/agency of jurisdiction to document and verify the design specifications of the foundation for the Tower, and anchors for the guy wires, if used.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

~~5.7.5 When the Proposed Tower is to be located within a District Substation, a Professional Engineers report detailing the grounding requirements of the Tower in consideration of the substations ground grid.~~

~~5.7.6 Copies of all required local, state, and federal permits and approvals.~~

~~5.7.7 Elevations of existing and proposed structures showing width, depth, and height of the Wireless Telecommunications Facility as well as the specifications of the antenna and support structure.~~

~~5.7.8 Documentation that the Tower is designed in accordance with the standards set forth in Section 9.1 Use Regulations and established by appropriate permitting/agency of jurisdiction.~~

~~5.7.9 Documentation demonstrating that the proposed Tower complies with all FAA regulations concerning safety.~~

~~5.7.10 Documentation demonstrating that the proposed Tower complies with all FCC regulations addressing radio frequency emissions standards.~~

~~5.7.11 When the proposed facility is to include a new Tower, a plot plan, including all building uses within 300 feet, shall be required at a scale not less than one inch equal to 100 feet. Aerial photos and/or renderings may augment the plot plan.~~

~~5.7.12 The Environmental Assessment described in Section 9.6.~~

~~5.7.13 Documentation demonstrating the need for a new Communication Facility and documented contacts and responses as described Section 9.2.~~

~~5.7.14 Documentation demonstrating the request for comments and responses to those requests as described in Section 9.2.~~

## **5.8—Site Use Agreement**

~~The Wireless Communications Owner shall execute and sign the District Site Use Agreement which will incorporate the District's standard form lease agreement prior to commencing construction activities and shall comply with the terms and conditions therein.~~

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

## 6. Board Acceptance

\_\_\_\_\_  
Dave Quinn, President \_\_\_\_\_ Date

\_\_\_\_\_  
Duane Dagleish, Vice President \_\_\_\_\_ Date

\_\_\_\_\_  
Bruce Pollock, Secretary \_\_\_\_\_ Date

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt

Appendix A

For use after February 27, 2024

**ENGINEERING SCHEDULE OF FEES**

**Application Fees: (Deductible from Final Job Cost)**

| <u>Work Request Description</u>   | <u>Fee</u>             | <u>Max</u>     | <u>Refundable</u> |
|---|------------------------|----------------|-------------------|
| <u>Disc/Reconnect</u>   | <u>\$0</u>             | <u>NA</u>      | <u>No</u>         |
| <u>Service Modifications, Line Relocation Request, Interconnection Meter (Generation), Temp Power, Light, Seasonal Temp Power</u>   | <u>\$100 / Unit</u>    | <u>NA</u>      | <u>No</u>         |
| <u>Line Extensions for Residential, Commercial, Industrial, Subdivisions, RV Parks, Mobile Home Courts, Apartment Buildings, Multi-Unit Housing.</u>  | <u>\$200 / Unit</u>    | <u>\$3,000</u> | <u>No</u>         |
| <u>Large Projects: Generation &gt;100kW, Load &gt; 1,000kW (As Determined by the District). Fees remaining at the end of each study will be carried over to the next Study Phase or reimbursed at applicant's discretion.</u> | <u>\$7,500 / Phase</u> | <u>None</u>    | <u>Yes</u>        |

**Job Cost Fees: Secondary Underground Residential Line Extension from Existing Source**

| <u>Existing Transformer Source</u> | <u>Service Size</u> | <u>Base Fee 0' - 50'</u> | <u>Distance Fee 51'-150' *</u> | <u>CT Metering Fee 320 Amp</u> |
|------------------------------------|---------------------|--------------------------|--------------------------------|--------------------------------|
| <u>Underground</u>                 | <u>200 Amp</u>      | <u>\$1,400</u>           | <u>\$4/ft</u>                  | <u>NA</u>                      |
| <u>Underground</u>                 | <u>320 Amp</u>      | <u>\$1,650</u>           | <u>\$5/ft</u>                  | <u>\$400</u>                   |
| <u>Overhead</u>                    | <u>200 Amp</u>      | <u>\$1,775</u>           | <u>\$4/ft</u>                  | <u>NA</u>                      |
| <u>Overhead</u>                    | <u>320 Amp</u>      | <u>\$2,375</u>           | <u>\$5/ft</u>                  | <u>\$400</u>                   |
| <u>Overhead</u>                    | <u>Light: LED</u>   | <u>\$850</u>             | <u>\$2/ft</u>                  | <u>NA</u>                      |

**Commented [DH145]:** 200A from ug source needs to be updated to \$1400.  
320A from ug source stays the same.  
200A from oh source needs to be updated to \$2250  
320A from oh source needs to be updated to \$2500.  
These adjustments will align our current costs with what we should be charging customers.

**Commented [LL146]:** @Devin Heathorn - One fee to cover both sizes or separate them out?

**Commented [DH147R146]:** initial cost difference (loaded) is 40W \$792.40 and 81W is \$892.05 so that is a bit of a difference but nothing crazy. For consumption over the month, it's pretty minimal but i think you're asking for install fee. Might be ok to just split the difference at \$850.

**Formatted:** Font: 4 pt

\*Line Extensions Designed to 150' Max Secondary Distance. If length exceeds 150', additional costs shall be based on estimated time and materials.

**Job Cost Fees: Service Modifications and Generation Interconnection Meters**

| <u>Meter Description</u>  | <u>\$/Unit</u> |
|---|----------------|
| <u>Meter Upgrade (200 to 320 Amp)</u>                                   | <u>\$300</u>   |
| <u>Meter Upgrade (CT Metering)</u>                                      | <u>\$600</u>   |
| <u>Single Phase Meter/Production Meter</u>                              | <u>\$450</u>   |
| <u>Disconnect Switch Credit (Single Phase Generation &lt;Less 20kW)</u> | <u>-\$150</u>  |

**Commented [LL148]:** @Dever Haffner-Ratliff - Please review

**Formatted:** Font: 11 pt

**Formatted:** Font: 11 pt

**Formatted:** Font: 12 pt

|                                    |                     |
|------------------------------------|---------------------|
| <u>Three Phase Meter &lt; 50kW</u> | <u>\$750</u>        |
| <u>Three Phase Meter &gt; 50kW</u> | <u>Actual Costs</u> |

Commented [DH149R148]: suggest edits made.

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 12 pt



# ENGINEERING POLICIES

---

Effective Date: December 9, 2025

**Table of Contents**

- 1. Preamble..... 1
- 2. Definitions..... 2
- 3. Acquisition of Right-of-Way Policy ..... 5
  - 3.1 District Facilities..... 5
  - 3.2 Responsibility..... 6
- 4. Line Extension Policy..... 7
  - 4.1 Line Extension Criteria ..... 7
  - 4.2 Customer Responsibility ..... 7
  - 4.3 District Responsibility and Facility Ownership..... 8
  - 4.4 Lights..... 9
  - 4.5 Temporary Service ..... 9
  - 4.6 Changes to Existing Facilities ..... 10
  - 4.7 Job Costs and Fees ..... 12
  - 4.8 Responsibilities ..... 14
- 5. Transmission & Distribution System Improvement Policy ..... 15
  - 5.1 Transmission and Distribution Capital Budget ..... 15
  - 5.2 Management Responsibilities and Approval Authority..... 15
- 6. Small Generation Interconnections Standards Policy (Less than 200kW AC) ..... 16
  - 6.1 Conditions of Interconnection ..... 16
  - 6.2 General Interconnection Requirements ..... 17
  - 6.3 Equipment and Configuration Requirements..... 18
  - 6.4 Application for Generation Interconnection ..... 19
  - 6.5 Project Commissioning ..... 21
  - 6.6 Disconnection of Generation or Facility ..... 21
- 7. Large Load and Generation Interconnection Requirements Policy..... 23
  - 7.1 Facility Interconnection Program ..... 23
  - 7.2 Consideration of New Interconnection ..... 23
- 8. Board Acceptance ..... 25

**Appendix A Engineering Schedule of Fees**

## **1. Preamble**

These Engineering Policies have been adopted by Public Utility District No. 1 of Cowlitz County ("District") in the interest of safety, reliability, consistency and efficiency in its operations, maintenance and improvements of the electric transmission and distribution system. These policies establish rules, guidelines and standards that shall be adhered to in the day-to-day operations of the District. These Policies are to serve as a guide to the employees and representatives of the District in their performance of the day-to-day business of the District. Construction details and specifications are written to conform with the present State and National laws governing such matters and are not intended to violate any State, National or Municipal ordinances or laws. Should any new laws or ordinances be adopted, these Policies shall be considered to be amended accordingly to the extent they apply to the District and are inconsistent with these Policies.

The Board of Commissioners shall approve any change or revision to the policies included herein, and, the General Manager shall be responsible for the administration of these policies, and for making recommendations on necessary or desired changes.

## 2. Definitions

Special terms when used in these policies shall have the following meanings:

**Alternate Service:** Electric service to a Customer from a second electrically independent circuit for which the District provides a second path for supply of service in the event of the failure of the first circuit. Alternate Service facilities include, but are not limited to, the substation and distribution line capacity reserved for the Customer's exclusive use, plus any additional metering or switching equipment required, which is beyond the District's normal responsibility for providing electric service.

**Collocation:** The use of a Wireless Telecommunications Facility by more than one Wireless Communications Owner.

**Customer:** Any individual or entity legally entitled to receive electric service from the District, including ratepayers, end-use consumers, and financially responsible parties. This includes individuals, partnerships, corporations, organizations, governmental agencies, municipalities, and other entities.

**Electric System:** All electrical wires, equipment, and other facilities owned or provided by the District that are used to transmit and deliver electricity to Customers.

**FAA:** Federal Aviation Administration.

**FCC:** Federal Communications Commission.

**Generating Facility:** Equipment that produces energy from water, wind, solar energy, or biogas or other renewable energy approved by the District, owned by a Customer that is located on the Customer's side of the Point of Common Coupling, and all facilities ancillary and appurtenant thereto, including interconnection facilities, which the Customer requests to interconnect to the District's Electric System.

**Initial Operation:** The first time the Generating Facility is in Parallel Operation with the Electric System.

**Lattice Tower:** A support structure constructed of vertical metal struts and cross braces forming a triangle or square structure which often tapers from the foundation to the top.

**Line Extension:** New or upgraded electric facilities required to create a path of service to a new Customer or load. Once complete, the facilities will be part of the Electric System.

**Monopole:** A support structure constructed of a single, self-supporting hollow metal tube securely anchored to a foundation.

**Net Metering:** Measuring the difference between the electricity supplied by the District and the electricity generated by a Generating Facility that is fed back to the District over the applicable billing period.

**Parallel Operation or Operate in Parallel:** The synchronous operation of a Generating Facility while interconnected with the District's Electric System.

**Personal Wireless Services:** Includes commercial mobile services, unlicensed wireless services, and common carrier wireless exchange access services.

**Point of Common Coupling (PCC):** The point where the Generating Facility's local electric power system connects to the District's Electric System, such as the electric power revenue meter or at the location of the equipment designated to interrupt, separate or disconnect the connection between the Generating Facility and the District.

**Point of Delivery:** The location where the District's facilities connect to the Customer's Electric System, unless otherwise specified by contract. The point is independent of the location of meters, transformers, or other equipment.

**Production Meter:** Metering equipment and wiring installed at a point in the Customer's system that meters only the output of the Generating Facility.

**Residence:** Any structure designed for human habitation meeting the required uniform building codes and for which a building permit has been issued for residential occupancy. A mobile home must be on a permanent foundation or other support independent of the running gear and comply with all mobile home code requirements.

**System Improvement:** Construction required to replace, upgrade, or install new facilities for the purpose of expansion or improvement of the District's Electric System.

**Telecommunication:** The technology which enables information to be exchanged through the transmission of voice, video, or data signals by means of electrical or electromagnetic systems.

**Wireless Communications Owner:** The entity which ultimately owns and is proposing to construct, install or modify Wireless Telecommunications Towers and/or related equipment including, but not limited to, antennas, equipment shelters or cabinets, towers, guy wires, and related facilities. This also includes the entity applying for all required permits and permissions to construct, install or modify such facilities on behalf of the actual owner.

**Wireless Telecommunications Antenna:** The physical device through which electromagnetic, wireless Telecommunications signals authorized by the Federal Communications Commission are transmitted or received.

**Wireless Telecommunications Equipment Shelter:** The structure in which the electronic receiving and relay equipment for a Wireless Telecommunications Facility is housed.

**Wireless Telecommunications Facility:** A facility consisting of the equipment and structures involved in transmitting and receiving Telecommunications or radio signals.

**Wireless Telecommunications Tower (Tower):** A structure intended to support equipment used to transmit and/or receive Telecommunications signals including monopoles, guyed and lattice construction steel structures.

### **3. Acquisition of Right-of-Way Policy**

#### **3.1 District Facilities**

- 3.1.1 Where practicable, electric facilities shall be built upon private property, rather than upon public road or highway rights-of-way.
- 3.1.2 Land title research, easements, and/or permits shall be obtained for each property and/or public right-of-way prior to the construction of any electric facilities.
- 3.1.3 All easements, deeds, or a memorandum thereof, allowing District electric facilities on private property, shall be made public record with the Cowlitz County Auditor's Office.
- 3.1.4 Acquiring easements and building on private property may be more expensive than building on public right-of-way. Prior to constructing any new electric facilities in public rights-of-way, the District shall inquire as to the likelihood of any given right-of-way being altered or improved within 5 years after job completion. If the right-of-way is likely to be altered or improved within 5 years after job completion, the District shall perform additional cost analysis comparing construction on private property or public right-of-way.
- 3.1.5 If the benefits derived from distribution or transmission lines may be spread over an entire area, without being able to clearly identify these benefits with respect to any individual or associated with a Customer Line Extension, rights-of-way for lines may be compensated for.
- 3.1.6 Compensation to property owners for Easement Rights shall be negotiated generally based on the impact to the property occasioned by the existence of such lines, with due regard given to the following factors:
  - Type of land
  - Type of farming or other use of the land
  - Percent loss of use of the land due to the existence of the electric lines
  - Width of rights-of-way
  - Type of construction, etc.
  - Access to rights-of-way
  - Fair market value of the land.
  - Fair market value of timber harvested.
  - Other methodologies as agreed to by the District within applicable legal requirements.

## **3.2 Responsibility**

- 3.2.1 The General Manager and Director of Engineering or their designees are authorized to execute in the name of the District formal applications for permits to construct facilities across lands belonging to the United States, State of Washington, or other parties.
  
- 3.2.2 The General Manager and the Director of Engineering or their designee are authorized to execute on behalf of the District all such agreements pertaining to the granting, termination or acceptance of licenses, permits, easements, franchises, or other such documents that may be necessary, to cross the rights-of-way or properties of, including but not limited to the United States, the State of Washington, State departments or political subdivisions and regulated utilities, as well as with firms and individuals, and such execution by the General Manager or Director of Engineering shall be deemed to be as valid an execution on behalf of the District as if executed by the President and Secretary of the Commission.

## **4. Line Extension Policy**

### **4.1 Line Extension Criteria**

- 4.1.1 All Line Extensions will be subject to the District's determination of feasibility and will be located and designed by the District to ensure a safe, reliable, operational, and sustainable electric system.
- 4.1.2 All Line Extensions will be designed and built to meet all applicable codes and standards. Among these are the District's Electric Service Requirements Book, the National Electric Code (NEC), National Electric Safety Code (NESC), the Institute of Electrical Electronics Engineers (IEEE), American National Standards Institute (ANSI), and Underwriters Laboratories (UL) standards, and local, state, and federal building codes.
- 4.1.3 Wherever practical, all new services shall be underground installed in conduit, subject to engineering feasibility as determined by the District.
- 4.1.4 Wherever practical, lines will be installed along roads or other accessible routes to areas being developed to allow efficient operation and maintenance of lines.
- 4.1.5 New generation, depending on size, shall be subject to the Small Generation Interconnections Standards Policy (less than 200kW) or the Large Load and Generation Interconnection Policy.
- 4.1.6 New loads exceeding 1MW may be subject to the Large Load and Generation Interconnection Policy.
- 4.1.7 Modifications to transmission or sub transmission voltage facilities or substations are not considered Line Extensions for purposes of this policy and require special contract arrangements.

### **4.2 Customer Responsibility**

- 4.2.1 The following minimum requirements must be met by the Customer prior to being served with electricity. All work performed must be approved and accepted by the District, and all materials furnished must meet the District's specifications. Failure by the Customer to properly perform these functions in accordance with the District's specifications shall be cause for the District to withhold electric service to the Customer until such time that corrections are made. The Customer shall:
  - 4.2.1.1 Own, be purchasing, or possess a property lease satisfactory to the District.

- 4.2.1.2 Provide building size and electric load information.
  - 4.2.1.3 Provide clearly marked property corners, building corners and have road/driveway at final grade.
  - 4.2.1.4 Pay a nonrefundable application fee for each new Point of Delivery (Meter, Empty Lot, or Building).
  - 4.2.1.5 Supply the District with signed easements for extended electrical facilities, as required by the District, prior to the installation of service.
- 4.2.2 Clear the rights-of-way on private property for District access.
- 4.2.2.1 Provide and install all trenching, backfilling, conduits, vaults, transformer pads, and other devices as required by the District and any non-standard secondary and/or primary conductor as may be necessary per District design and specification for Customer's property.
  - 4.2.2.2 Provide protection to pad-mount transformers and electric facilities by properly installed barriers where required by the District.
  - 4.2.2.3 Prepay in full the District's estimated cost of installation.
  - 4.2.2.4 Comply with all Customer Service Policy Application for Service requirements.

### **4.3 District Responsibility and Facility Ownership**

- 4.3.1 The District will install, own, and maintain electric facilities necessary for the Line Extension to the point of delivery of the premises.
- 4.3.2 The District may require trenching work within public rights-of-way or near energized facilities be completed by District personnel or its contractor.
- 4.3.3 Obtain all permits within public rights-of-way.
- 4.3.4 Prepare easements for installation of facilities on private property.
- 4.3.5 Materials and labor provided by the Customer, as required by the District, are considered a contribution-in-aid to construction and, therefore, become property of the District upon acceptance by the District. The District will then assume future maintenance responsibilities of such material.

4.3.6 Line Extensions owned and maintained by the District will remain in place as long as utilized by the Customer for electric service, and they are accessible and are safe to operate.

4.3.6.1 When it is determined that District facilities have been idle for one year or longer with no indication of imminent use, the District has the right to remove the facilities or parts thereof. The District will attempt to contact the property owner to determine if a future need exists for the idle facilities. Customers who are not using any energy but wish to have the facilities remain available can do so by paying a monthly basic charge as determined by the District.

4.3.7 If District facilities are determined to be inaccessible or unsafe to operate, the District has the right to de-energize and or remove the facilities or parts thereof. The District will attempt to notify the Customer prior to de-energization and will discuss with the Customer alternative solutions if feasible. Examples of inaccessibility or unsafe conditions may include but are not limited to areas with a single point entry where a landslide or bridge washout prohibits access.

4.3.7.1 If future facilities are needed where facilities were removed, it shall be treated as a new Line Extension and shall be the responsibility of the customer to pay for installation costs.

#### **4.4 Lights**

4.4.1 The District will install, own, and maintain lights only on District owned power poles, or non-District poles where the District has an existing contract with owner for electric facility attachments, applicable to street, roadway, and area lighting.

4.4.2 Lights operate from dusk to dawn daily, controlled by photoelectric control switch.

4.4.3 New lights installations will be treated the same as a Line Extension.

#### **4.5 Temporary Service**

4.5.1 Temporary services shall not remain in service beyond 12 months from the time of installation without written authorization from the District.

4.5.2 Customer to provide and install the meter base.

4.5.3 Customer to provide overhead or underground secondary wire and District to connect at source device.

- 4.5.4 Temporary Construction Service: The installation of a construction temporary service, consisting of only secondary, will be connected at no additional charge, where an existing transformer or source already exist or, where a subsequent permanent service will be connected, after final Line Extension job costs are paid in full by the Customer.
- 4.5.5 Temporary Construction Service with Temporary Primary Line Extension: The installation of a construction temporary service, where a temporary primary Line Extension is required, shall be paid in full by the Customer prior to connection. The Customer shall pay in advance, the cost of installing and removing facilities to provide temporary electric service regardless of whether or not a new Customer is connected. The cost will consist of materials installed, including transformers, labor to install and remove materials, less salvage, if any, of removed materials. For the purpose of temporary services in use 12 months or less, transformers used will be credited original cost, less handling charges, when removed.
- 4.5.6 Seasonal Temporary Service: Christmas tree lots, firework stands or other seasonal short-term use consisting of a service drop from an existing transformer or a connection of the Customer's secondary will be charged a flat rated application fee. If an existing transformer is not available, the customer shall pay for a Line Extension.

## **4.6 Changes to Existing Facilities**

- 4.6.1 Increased Loads:
  - 4.6.1.1 It is the Customer's responsibility to notify the District at least 30 calendar days in advance of adding load to their existing service to allow sufficient time for the District to evaluate facilities.
  - 4.6.1.2 If a customer fails to notify the District of added load, and the District's facilities are damaged as a result thereof, the Customer is responsible for payment for such damage and the upgrade of facilities as needed.
  - 4.6.1.3 District facilities are designed based on initial customer application and diversification of loading as determined by the District. Adding load, even within the limits of the existing customer service panel size, may require District Facilities to be upgraded.
  - 4.6.1.4 If a Customer increases electric load to the extent that the District's current facilities are not adequate to serve such load, the District shall upgrade facilities as needed.

4.6.1.4.1 The District shall pay for cost of upgraded facilities if the load is at the same service point and load is of a residential type and not commercial or industrial type, otherwise the Customer shall pay all costs.

4.6.1.4.2 If a Customer uses the added load before the District can upgrade its facilities, and the District's facilities are damaged as a result thereof, the Customer is responsible for payment for such damage and the upgrade of facilities as needed.

4.6.2 Relocation of District Facilities - Overhead or Underground – Customer Requested:

4.6.2.1 If a Customer requests the relocation of any District-owned equipment or facilities, i.e., poles, anchors, enclosures, transformers, conductors, vaults, and other devices, etc., and the District approves the request, the Customer shall pay the District's cost of the relocation as determined by the District including applicable application fees. The Customer shall supply the District with necessary rights-of-way or easements satisfactory to the District.

4.6.2.2 Relocating facilities may benefit the District depending on location and nearby hazards. If excess funds are available within the System Improvement budget, the District has the option, subject to feasibility, current workloads, and at its sole discretion, to partner with the Customer and pay a portion of the material and labor costs associated with the relocation.

4.6.3 Conversion from Overhead to Underground Primary or Secondary Facilities – Customer Requested:

4.6.3.1 If the District agrees to convert an overhead service or line to underground, the Customer will be responsible for providing and installing all trenching, conduit, vaults, and transformer pads, and other devices as required by the District, rewiring the service entrance to accommodate the underground connections, providing the necessary rights-of-way or easements satisfactory to the District and pay for District materials and labor associated with installation of District facilities.

4.6.3.2 Converting facilities from overhead to underground may benefit the District depending on location and nearby hazards. If excess funds are available within the System Improvement budget, the District has the option, subject to feasibility, current workloads, and at its sole

discretion, to partner with the Customer and pay for the District provided material and District labor costs associated with the underground installation. The cost to remove the overhead will be covered by the District regardless of any partnership elections.

- 4.6.4 System improvements are facilities provided for area development, system betterment, or system maintenance, as determined by the District.

## **4.7 Job Costs and Fees**

- 4.7.1 Job costs will be tracked through District work orders.
- 4.7.2 Jobs will be identified as either, or a combination of, Fee, Estimate or Actual to the Customer prior to construction.
- 4.7.3 All fees can be found in the Engineering Schedule of Fees.
- 4.7.4 The job is valid for up to 12 months following payment in full.
- 4.7.5 Job Cost Types: Application Fee
  - 4.7.5.1 Each Customer applying for electric service, installation, relocation, or removal of District facilities shall pay a non-refundable application fee. This will initiate the engineering design and administrative work required.
  - 4.7.5.2 For Customers who proceed with their plans and have electric service installed within one year, the application fee will be credited to the job cost.
- 4.7.6 Job Cost Types: Fees
  - 4.7.6.1 Simple service connections that are typically similar in cost, such as a Residential secondary Line Extension from an existing transformer are a set fee with defined design parameters.
    - 4.7.6.1.1 If the installation or design exceeds the defined parameters requiring additional materials and labor, the Customer will pay any additional cost per District's estimated costs.
- 4.7.7 Job Cost Types: Estimate
  - 4.7.7.1 The District estimates the job cost for typical Line Extensions, relocations and overhead to underground conversions that require custom engineering designs. The Customer pays the job cost prior to

installation based on the estimated cost and not actual costs when complete.

4.7.7.2 The District estimated job cost is valid for six months following the Request for Payment (RFP).

4.7.7.3 Failure to pay the full job cost within the six-month timeframe will result in an updated job cost calculation. If the difference in costs exceeds \$250, a new RFP will be generated and sent to the customer which supersedes the original RFP.

4.7.7.3.1 The job cost is valid for an additional 6 months once updated.

#### 4.7.8 Job Cost Types: Actual

4.7.8.1 Jobs with an estimated cost over \$100,000 or that fall under the Large Load and Generation Interconnection Requirements Policy shall be billed on actual job costs.

4.7.8.2 Jobs requiring special equipment, complex projects, long duration timelines, or projects that are difficult to estimate, may be billed on actual job costs.

4.7.8.3 The Customer will be required to pay an estimated job cost prior to installation. When the project is complete, the District will reconcile with the Customer by issuing either a net invoice or refund.

#### 4.7.9 Refunds and Canceled Jobs:

4.7.9.1 A work order will be cancelled, and a refund will be issued upon written notice:

4.7.9.1.1 By the District if the job is not completed within 12 months of application or 12 months after payment in full.

4.7.9.1.2 At any time by the Customer with written notice.

4.7.9.1.3 A job can be extended up to 12 months past the 12-month deadline upon agreement by both the Customer and District.

4.7.9.2 An extension of time will result in an updated job cost calculation. If the difference in costs exceeds \$250, a new RFP will be generated, and the customer shall pay the difference between the original and new job cost in order to proceed with installation.

4.7.9.2.1 Refunds include 100% of Customer paid costs less the application fee, permits, easements, any District issued material and associated installation labor.

## **4.8 Responsibilities**

- 4.8.1 Director of Engineering shall be responsible for the District's Line Extension Policy.
- 4.8.2 The Director of Engineering or designee shall approve all work orders for Line Extensions and allocation of system improvement costs per the Transmission and Distribution System Improvement Policy.

## **5. Transmission & Distribution System Improvement Policy**

### **5.1 Transmission and Distribution Capital Budget**

- 5.1.1 The District's T&D (Transmission and Distribution) Capital Budget shall be comprised of construction items recommended by District staff and approved by the Board of Commissioners on a calendar year basis. These items include replacements, upgrades, and installation of new facilities to the District's T&D system.
- 5.1.2 The District shall track the T&D Capital Budget Expenditures by use of District budget codes and work orders.
- 5.1.3 The District shall use standing budget codes to track costs of similar type routine work orders that typically reoccur from year-to-year.
- 5.1.4 The District shall use specific budget codes to track costs on non-routine work orders that may have multiple work orders and/or extend for multiple years.
- 5.1.5 Work orders are prepared for individual projects and used to track associated direct costs.

### **5.2 Management Responsibilities and Approval Authority**

- 5.2.1 Director of Engineering shall be responsible for the District's overall Capital Requirements Plan, and implementation of the District's T&D System Improvement Capital Budget after its approval by the Board of Commissioners.
- 5.2.2 Director of Engineering or designee shall approve all work orders associated with implementation of the District's Electric (T&D) System Improvement Capital Budget.
- 5.2.3 Director of Operations is responsible for tracking job costs and overall budget expenditures for standing budget codes once a work order is released from Engineering to Operations.
- 5.2.4 Director of Engineering, or designee is responsible for the preparation of the requisite documents for the General Manager or the Board of Commissioners as applicable for the approval of non-budgeted T&D System Improvement Capital Expenditures.

## **6. Small Generation Interconnections Standards Policy (Less than 200kW AC)**

### **6.1 Conditions of Interconnection**

- 6.1.1 This policy applies to all electrical qualifying Generating Facilities with a maximum electrical generating capacity of less than 200kW AC unless specifically waived by the Director of Engineering, General Manager, or Board of Commissioners in writing.
- 6.1.2 To be eligible to interconnect and Operate in Parallel with the District's Electric System, the conditions in this policy, in their most current approved version must be met. The requirements of this policy shall apply irrespective of whether the Customer intends to generate energy to serve all or a part of the Customer's load.
- 6.1.3 To ensure system safety and reliability of interconnected operations, all interconnected Generating Facilities shall be constructed and operated by the Customer in accordance with this policy and all other applicable federal, state, and local laws, codes, and regulations.
- 6.1.4 For the overall safety and protection of the District system, interconnection of generating facilities to individual distribution feeders will be limited to ten percent (10%) of the feeder's peak capacity unless approved by the District. For these reasons it is important to consult with the District when planning a Generating Facility project early so as to avoid design conflicts with District Policy.
- 6.1.5 The District will not provide wheeling for Customer, as generation and credits from the Generating Facility are only applied to consumption at the location of said electrical Generating Facility in accordance with the Customer Service Policy.
- 6.1.6 To ensure reliable service to all District Customers and to minimize possible problems for other Customers, interconnecting generating facilities may require a separate distribution transformer. If the District requires a dedicated distribution transformer, the Customer shall pay for all costs of the new transformer and related facilities.
- 6.1.7 It is the responsibility of the Customer to protect its facilities, loads and equipment and comply with the requirements of all appropriate standards, codes, statutes, and authorities.

## **6.2 General Interconnection Requirements**

- 6.2.1 Any Generating Facility desiring to interconnect with the District's Electric System or modify an existing interconnection must meet all minimum technical specifications applicable, as set forth in this policy.
- 6.2.2 The specifications and requirements in this section are intended to mitigate possible adverse impacts caused by the Generating Facility on District equipment and personnel and on other Customers of the District. They are not intended to address protection of the Generating Facility itself, Generating Facility personnel, or its internal load.
- 6.2.3 The specifications and requirements in this section shall apply generally to the non-District-owned electric generation equipment throughout the period encompassing the Generating Facilities installation, testing, commissioning, operation, maintenance, decommissioning and removal of said equipment. The District may verify compliance at any time, with reasonable notice.
- 6.2.4 Customer shall conform to all applicable codes and standards for safe and reliable operation. Among these are the National Electric Code (NEC), National Electric Safety Code (NESC), the Institute of Electrical Electronics Engineers (IEEE), American National Standards Institute (ANSI), Underwriters Laboratories (UL) standards, Federal Energy Regulatory Commission (FERC), North American Electric Reliability Corporation (NERC), Western Electric Coordinating Council (WECC), and local, state, and federal building codes.
- 6.2.5 The Customer shall be responsible for obtaining all applicable permit(s) for the equipment installations on its property.
- 6.2.6 All safety and operating procedures for joint use equipment shall comply with the Occupational Safety and Health Administration (OSHA) Standard 29, CFR 1910.269, the NEC, Washington Administrative Code (WAC) rules, the Washington Industrial Safety and Health Administration (WISHA) Standard, and equipment manufacturer's safety and operating manuals.
- 6.2.7 Power Quality: Installations will be in compliance with all applicable standards including IEEE Standard 519 (latest) Harmonic Limits.
- 6.2.8 All contracts for solar photovoltaic systems between the Customer and the vendor must be in compliance with RCW 19.95. The District reserves the right to review all documents, communications, and records for consistency with application, installation information, and laws and regulations.

## **6.3 Equipment and Configuration Requirements**

- 6.3.1 Generating Customer shall furnish and install on its side of the meter, a UL-approved safety disconnect switch capable of fully disconnecting the Customer's Generating Facility(s) from the District's Electric System unless exceptions specified in this policy are met. The disconnect switch shall be installed on the Customer's side of the Production Meter. The disconnect switch shall be located adjacent to District meters and shall be of the visible break type in a metal enclosure which can be secured by a padlock. The disconnect switch shall be accessible to District personnel at all times.
  - 6.3.1.1 Installation of a safety disconnect switch may be waived if:
  - 6.3.1.2 Customer provides interconnection equipment that Customer can demonstrate, to the satisfaction of the District, performs physical disconnection of the generating equipment supply internally.
  - 6.3.1.3 Customer agrees that its service may be disconnected entirely if generating equipment must be physically disconnected for any reason.
  - 6.3.1.4 The project is a single phase nameplate system of 25kW or less. District may offer a one-time credit per the Engineering Schedule of Fees if Customer installs said disconnect switch.
- 6.3.2 Projects that are eligible for net metering under RCW 80.60 will have a District installed, owned, and maintained meter(s), capable of registering the bi-directional flow of electricity at the Point of Common Coupling at a level of accuracy that meets all applicable standards, regulations, and statutes. The Customer shall provide space for metering equipment. It will be the Customer's responsibility to provide the current transformer enclosure (if required), meter socket(s) and junction box after the Customer has submitted drawings and equipment specifications for the Districts approval.
- 6.3.3 The District requires separate Production Meter at all Generating Facilities. This Production Meter(s) will record all generation produced and will be accounted for separately from any net metering or Customer usage metering. All costs associated with the installation of Production Metering will be paid by the Customer, including the cost to provide and install District owned meters.
- 6.3.4 Common labeling furnished or approved by the District and in accordance with NEC requirements must be posted on meter base, disconnects, and transformers informing working personnel that generation is operating at or is located on the premises.

- 6.3.5 Nominal voltage and phase configuration of Customer's Generating Facility must be compatible to the District system at the Point of Common Coupling.
- 6.3.6 Any inverter-based Generating Facility desiring to interconnect with the District's Electric System or modify an existing interconnection must meet the technical specifications, in their most current approved version, as set forth below.
  - 6.3.6.1 IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.
  - 6.3.6.2 UL Standard 1741, Inverters, Converters, and Controllers for Use in Independent Power Systems. Equipment must be UL listed.
  - 6.3.6.3 IEEE Standard 929-2000, IEEE Recommended Practice for District Interface of Photovoltaic (PV) Systems.
- 6.3.7 Non-inverter based interconnection requests may require additional fees to Customer for a more detailed review, testing, and approval by the District of the equipment proposed to be installed to ensure compliance with applicable technical specifications, in their most current approved version, including:
  - 6.3.7.1 IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.
  - 6.3.7.2 ANSI Standard C37.90, IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus.
  - 6.3.7.3 Customers proposing such interconnection may also be required to submit a power factor mitigation plan for District review and approval.

## **6.4 Application for Generation Interconnection**

- 6.4.1 In accordance with RCW 80.60.020, the District may deny applications for Generation as of the first date upon which the cumulative generating capacity of net metering systems equals four percent of the utility's peak demand during 1996 or June 30, 2029.
- 6.4.2 Per RCW 19.95.020(7), Customer should not apply for permits until after the District has approved the application(s).
- 6.4.3 When a Customer requests interconnection from the District, the Customer shall be responsible for conforming to the rules and regulations that are in effect and on file with the District. The District will designate a point of contact and provide a telephone number or website address for this purpose.

- 6.4.4 The Customer seeking to interconnect a Generating Facility under these rules must fill out and submit a signed application form. Information must be accurate, complete, and approved by the District prior to installing the Generating Facility.
- 6.4.5 A non-refundable Application Fee will be required as listed in the Engineering Schedule of Fees.
- 6.4.6 To ensure that generating facilities may be included in the District's energy portfolio the Customer agrees that all environmental attributes, Renewable Energy Credits (RECs), that will be associated with the installation and production output of interconnected generating facilities, shall be owned by the PUD upon agreement from the Customer.
- 6.4.7 Charges by the District to the Customer in addition to the application fee, if any, will be the estimated District costs applied as appropriate. Such costs may include, but are not limited to transformers, District testing, qualification, and approval of non UL 1741 listed equipment. The Customer shall be responsible for any costs associated with any future upgrade or modification to its interconnected system required by modifications in the District's Electric System.
- 6.4.8 All generation interconnection requests pursuant to this policy will be prioritized by the District in the order received regardless of application type whether new service, Line Extension, interconnection, etc.
- 6.4.9 All generation interconnection requests pursuant to this policy will be reviewed by the District for compliance with these rules. If the District in its sole discretion finds that the application does not comply with this policy, the District may reject the application. If the District rejects the application, it shall provide the Customer with written notification stating its reasons for rejecting the application.
- 6.4.10 Customer may decommission the Generating Facility at any time; provided that the Customer provides notice to the District.
- 6.4.11 Prior to any future modification or expansion of the Generating Facility, the Customer will obtain District review and approval. The District reserves the right to require the Customer, at the Customer's expense, to provide corrections or additions to existing electrical devices in the event of modification of government or industry regulations and standards.
- 6.4.12 As currently set forth for qualifying generation under RCW 80.60.040, for solar, wind, hydro or fuel cells no additional insurance will be necessary. However, the District shall not be liable directly or indirectly for permitting or continuing

to allow an attachment of a Generating Facility, or for the act or omissions of the Customer that cause loss or injury, including death, to any third party. For other Generating Facilities permitted under these standards and rules but not included in RCW 80.60, additional insurance, limitations of liability and indemnification may be required by the District.

6.4.13 Customer must update the District of any changes to the proposed project as soon as possible, up to and including resubmission of application. Any changes made must be approved (or have been requested) by the District.

6.4.14 District reserves the right to verify all information provided, including contractor and component information.

## **6.5 Project Commissioning**

6.5.1 All Generating Facilities must obtain an electrical permit and pass electrical inspection before they can be connected or Operated in Parallel with the District's Electric System. Customer shall provide written certification to the District that the Generating Facility has been installed and inspected in compliance with the local building and/or electrical codes.

6.5.2 The District shall have the right to have representatives present at the initial testing of Customer's Generating Facility protective apparatus. Customer shall notify the District 7 days in advance of when testing is to take place.

6.5.3 Prior to Initial Operation, all Customers must submit a certificate of completion to the District, which includes a completed utility inspection/witness test and receive written approval by the District. Forms can be found on the District's website or may be requested from the Engineering Department.

## **6.6 Disconnection of Generation or Facility**

6.6.1 The District shall have the right to disconnect the Generating Facility at the disconnect switch or require reduction in deliveries under the following circumstances and shall remain disconnected until such time as the District is satisfied that the condition(s) have been corrected, or if it is otherwise safe to reconnect:

6.6.1.1 When necessary to maintain safe electrical operating conditions, reliability, or quality of service to District Customers or to prevent damage or harm to another person or the property of another person; or

- 6.6.1.2 When necessary to construct, install, maintain, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or
  - 6.6.1.3 If the Generating Facility does not meet required standards, or these rules.
  - 6.6.1.4 Service may be disconnected for all other reasons contained within District policies.
- 6.6.2 The District will attempt to provide advance notice of disconnection for planned electrical system maintenance but may not provide notice when necessary to maintain system reliability and safe operational conditions.
- 6.6.3 For the purposes of public and working personnel safety, any non-approved Generating Facility interconnections or changes discovered will be immediately disconnected from the Utility system without any liability to the Utility. Such disconnection may result in disconnection of electric service to Customers of the Utility other than the owner of the Generating Facility.

## 7. Large Load and Generation Interconnection Requirements Policy

### 7.1 Facility Interconnection Program

- 7.1.1 The Director of Engineering will create and maintain a Facility Interconnection Program that complies with the Electric System Interconnection Requirements applicable to NERC Reliability Standard FAC-001-2 and subsequent revisions. The purpose of the program is to avoid adverse impacts on the quality of service and reliability of the District's system and the greater Bulk Electric System that may be caused by large Generating Facilities.
- 7.1.2 Unless otherwise approved by the District, all systems under this section must also comply with the requirements of Section 6 - Small Generation Interconnections Standards Policy (Less than 200kW AC).
- 7.1.3 The requirements shall apply to all new Generating Facilities with capacity over 200kW, any changes to existing systems that would increase the capacity to 200kw or greater, any utility interconnections and any end use facilities serving new loads greater than 2500kW. The District reserves the right to enforce this policy on loads less than 2500kW when circumstances require additional study.
- 7.1.4 Approval of interconnection of generation does not guarantee energy savings or crediting for the Customer. The District does not offer Net Metering for systems 200kw or larger.
- 7.1.5 Additionally, these requirements shall apply to all modifications of existing facilities in the categories mentioned above. These requirements shall also apply to co-generation entities that implement changes in their normal operations, which result in a change to District's obligation to serve retail load. Detailed information regarding Facility Connection Requirements is provided on the District's website at [Facility Connection Requirements | Cowlitz PUD](#).

### 7.2 Consideration of New Interconnection

As defined in Sections 8.2.1, 8.2.2 and 8.2.3 below, the general interconnection process consists of three stages, each of which have varying completion timelines depending on the complexity of the project, earlier queued interconnection requests, and other priorities. The District shall use reasonable efforts to keep the applicant apprised of the timeline necessary to complete this process.

- 7.2.1 Feasibility Study: Upon acceptance of a Line-Load Interconnection Request, signing of an Interconnection Study Agreement and paying its associated invoice, the District will perform a preliminary evaluation of the feasibility of the interconnection request. An initial plan of service will be determined to

identify the point of interconnection and delivery voltage. If after completion of a Feasibility Study the applicant elects not to execute the System Impact Study Agreement or it exceeds the sixty-day window in which to inform the District of its intent to move forward, the applicant will be deemed to have withdrawn its request for interconnection.

- 7.2.2 System Impact Study: Subsequent to the Feasibility Study and upon signing an Interconnection Study Agreement and paying its associated invoice the District will perform a study to determine the impact of the proposed interconnection on the reliability of the Transmission System using criteria of the District, BPA, WECC and NERC. This study will identify any District and neighboring system impacts. Neighboring system impacts will necessitate a joint study.
- 7.2.3 Facilities Study: Subsequent to the system impact study and upon signing an interconnection study agreement and paying its associated invoice for a Facilities Study, the District will review and determine the equipment, engineering, procurement, and construction work necessary to implement the conclusions of the interconnection system impact study including the estimated cost thereof.

## 8. Board Acceptance

---

Dave Quinn, President

---

Date

---

Duane Dalgleish, Vice President

---

Date

---

Bruce Pollock, Secretary

---

Date

## Appendix A

For use after February 27, 2024

### **ENGINEERING SCHEDULE OF FEES**

**Application Fees:** (Deductible from Final Job Cost)

| <u>Work Request Description</u>  | <u>Fee</u>      | <u>Max</u> | <u>Refundable</u> |
|--|-----------------|------------|-------------------|
| Disc/Reconnect   | \$0             | NA         | No                |
| Service Modifications, Line Relocation Request, Interconnection Meter (Generation), Temp Power, Light, Seasonal Temp Power   | \$100 / Unit    | NA         | No                |
| Line Extensions for Residential, Commercial, Industrial, Subdivisions, RV Parks, Mobile Home Courts, Apartment Buildings, Multi-Unit Housing.  | \$200 / Unit    | \$3,000    | No                |
| Large Projects: Generation >100kW, Load > 1,000kW (As Determined by the District). Fees remaining at the end of each study will be carried over to the next Study Phase or reimbursed at applicant's discretion. | \$7,500 / Phase | None       | Yes               |

**Job Cost Fees: Secondary Underground Residential Line Extension from Existing Source**

| <u>Existing Transformer Source</u>   | <u>Service Size</u> | <u>Base Fee 0' - 50'</u> | <u>Distance Fee 51'-150' *</u> | <u>CT Metering Fee 320 Amp</u> |
|--|---------------------|--------------------------|--------------------------------|--------------------------------|
| Underground  | 200 Amp             | \$1,400                  | \$4/ft                         | NA                             |
| Underground  | 320 Amp             | \$1,650                  | \$5/ft                         | \$400                          |
| Overhead   | 200 Amp             | \$2,250                  | \$4/ft                         | NA                             |
| Overhead   | 320 Amp             | \$2,500                  | \$5/ft                         | \$400                          |
| Overhead   | Light: LED          | \$850                    | \$2/ft                         | NA                             |
| *Line Extensions Designed to 150' Max Secondary Distance. If length exceeds 150', additional costs shall be added based on estimated time and materials. |                     |                          |                                |                                |

**Job Cost Fees: Service Modifications and Generation Interconnection Meters**

| <u>Meter Description</u>                                  | <u>\$/Unit</u> |
|---|----------------|
| Meter Upgrade (200 to 320 Amp)                            | \$300          |
| Meter Upgrade (CT Metering)                               | \$600          |
| Single Phase Meter/Production Meter                       | \$450          |
| Disconnect Switch Credit (Single Phase Generation < 20kW) | -\$150         |
| Three Phase Meter < 50kW                                  | \$750          |
| Three Phase Meter > 50kW                                  | Actual Costs   |



# CUSTOMER SERVICE POLICIES

---

Effective Date: ~~September~~December 9, 2025

## 2. Definitions

The following terms, when used in these Customer Service Policies, shall have the meanings set forth below:

**Additional Deposit:** The additional deposit is required when a service location's monthly usage increases and the recalculated deposit exceeds the current deposit on file by \$500 or more. The additional deposit is the difference between the current deposit and the updated deposit, based on the most recent 12-month usage data.

**After-Hours:** Any time outside the District's standard business hours of 7:00 a.m. to 5:30 p.m., Monday through Thursday, including recognized holidays.

**AMI Meters:** Automated Metering Infrastructure meters capable of remote reading, remote disconnect/reconnect, and advanced load management functions.

**Applicant:** The individual or entity applying for electric service.

**Authorization to Release Utility Information:** Written consent provided by the customer authorizing the District to release their Customer Information to a designated third party.

**Billing Period:** The monthly interval between successive meter reads, typically ranging from 25 to 35 days, used to calculate a customer's energy usage. The interval is determined by the District.

**Budget Pay:** A payment plan allowing customers to make equal monthly payments based on the average of their past 12 months of usage at a service location.

**Customer:** Any individual or entity legally entitled to receive electric service from the District, including ratepayers, end-use consumers, and financially responsible parties. This includes individuals, partnerships, corporations, organizations, governmental agencies, municipalities, and other entities.

**Customer Information:** Personally identifiable information as defined in RCW 42.56.590, excluding publicly available data lawfully disclosed by federal, state, or local government records.

**Deposit:** The security deposit amount calculated by multiplying the highest monthly bill from the most recent 12-month period at the service location by two.

**Earned Deposit:** A deposit assessed by the District based on poor payment history. The standard Deposit calculation is used to determine the Earned Deposit amount.

**eBill:** A paperless billing option where customers receive their bills electronically via SmartHub. Enrollment requires a valid email address.

**Electric Service:** The provision of electric energy by the District to the Point of Delivery, regardless of actual consumption.

**Energy:** Electric energy, measured in kilowatt-hours (kWh).

**Generating Facility:** Equipment that produces energy from water, wind, solar energy, or biogas or other renewable energy approved by the District, owned by a Customer that is located on the Customer's side of the Point of Common Coupling, and all facilities ancillary and appurtenant thereto, including interconnection facilities, which the Customer requests to interconnect to the District's Electric System.

Formatted: Font: 12 pt

**Identity Theft:** The unauthorized use of another person's identifying information to commit or attempt fraud.

**Maximum Demand:** The highest 30-minute average rate of electric energy delivered during a Billing Period, expressed in kilowatts (kW). For highly fluctuating or of short-duration loads, the District may use an interval less than 30 minutes at its discretion.

**Meter Aggregation:** The administrative combination of readings from a billing for all meters, regardless of the rate class, on a premises owned or leased by a Customer located within the District's service territory.

**Month:** An approximate 30-day interval.

**Net Metering:** Measures the difference between the electricity supplied by the District and the electricity generated by a Generating Facility that is fed back to the District over the applicable billing period.

**Opt-Out:** A program allowing customers to decline participation in the District's smart grid initiatives, including the use of AMI meters.

**Point of Delivery:** The location where the District's facilities connect to the customer's electric system, unless otherwise specified by contract. The point is independent of the location of meters, transformers, or other equipment.

**Power Factor:** The ratio of kilowatt-hours to kilovolt-ampere-hours, expressed as a percentage, including whether the load is leading or lagging.

**PrePaid:** A pay-as-you-go billing option where customers are charged daily basis for electric usage managed via SmartHub. Customers are responsible for monitoring notifications and account balances.

**Primary Purpose:** The use of Customer Information by third parties under contract with the District for essential business functions including billing, system maintenance, legal and audit services, collection services, energy efficiency and assistance programs, customer surveys, and other essential business functions.

**Rate Schedule:** A list of rates and charges established and periodically amended by the District's Board of Directors.

**Red Flags:** Indicators of potential identity theft, such as patterns or activities associated with opening or accessing utility accounts.

**Red Flag Rule:** A provision of the Fair and Accurate Credit Transactions Act of 2003 (FACTA), amending the Fair Credit Reporting Act (FCRA), which outlines requirements for protecting customer information and preventing identity theft.

**Residential Service:** Electric service provided to a structure used as a residence by one or more persons individuals, whether single family or multifamily. Determination of qualifying structures is based on jurisdictional certification of residential occupancy.

**Secondary Purpose:** Requests for Customer Information by third parties not under contract with the District, including solar contractors, customer-hired contractors, marketing services, or other requests not required for District business.

**SmartHub:** A secure web portal or mobile application that allows customers to access and manage their electric account information.

**Valid Identification:** Acceptable forms of identification include a Social Security number and valid government-issued photo identification such as a driver's license, military identification, passport, or other documentation deemed acceptable by the District.

Formatted: Space Before: 12 pt

been disconnected twice (2) within the past 12 months.

**4.18.1.2** The customer receives two NSF notices within the past 12 months.

**4.18.1.3** Tampering with meters or other infrastructure occurs.

**4.18.1.4** May also be assessed at the District's discretion based on other factors.

**4.18.2** An Additional Deposit may be required if:

**4.18.2.1** Monthly usage increases, resulting in a recalculated deposit that exceeds the current deposit on file by \$500 or more.

**4.18.3** Accounts subject to Earned or Additional Deposits will be billed the applicable deposit amount on their next monthly bill.

**4.18.4** Earned and Additional Deposits will be refunded according to residential or non-residential criteria, but may be held longer at the District's discretion.

#### 4.19 Billing Calculation

**4.19.1** Daily meter reads shall be considered conclusive evidence and used as the basis to calculate electric energy consumed by the customer.

**4.19.2** If the District is unable to obtain a meter read, the read may be estimated until a valid read is obtained. Once obtained,, the customer's account will be reconciled for actual metered consumption.

**4.19.3** All monthly fixed charges, such as the base charge and applicable taxes, shall be applied on a daily prorated basis.

#### 4.20 Net Energy Billing

**4.20.1** Service under this section is subject to all rules and regulations as defined throughout the Customer Service Policies, or as defined by Special Contract.

**4.20.2** The District will measure the Customer's net electricity production ~~and~~ consumption each billing period using standard metering practice. Kilowatt-hours will be calculated under the applicable Rate Schedule and either billed or credited accordingly.

**4.20.2.1** If the electricity supplied by the District exceeds the electricity generated by the Customer, the Customer will be billed for the net electricity consumed.

**4.20.3** If the Customer generates more electricity than is supplied by the District, the

**Formatted:** Indent: Left: 0.83", Space Before: 0 pt, No bullets or numbering

**Commented [DH6]:** Suggest adding something about "unless an agreement is entered into per section 4.10.1" so we don't have to waive this language in the future.

**Formatted:** Left, Indent: Left: 0.5", Hanging: 0.56", Tab stops: Not at 0.83" + 0.83"

**Formatted:** Font: Not Bold

**Formatted:** Font: Not Bold

**Commented [DH7]:** Does CS want to keep this language from Eng policy -

**Commented [DH8R7]:** 1.1.1.1 Customer shall pay any amount owing for electric service provided by the District in accordance with applicable rates and policies. Nothing in this section shall limit the District's rights under applicable Rate Schedules, Customer Service Policies, or any other policy.

**Commented [HS9R7]:** I added some language with the first bullet point, which should cover us. The language from the Engineering Policy is throughout the CS Policy, such as section 4.1.6.

**Formatted:** Not Highlight

excess kilowatt-hours (kWh) will be credited to the Customer's account and applied to the next billing cycle. These credits will not be applied toward any associated base charges.

4.20.3.1 On March 31st of each calendar year, any unused kilowatt-hour credits accumulated by the Customer during the previous 12 months will be forfeited to the District. No monetary compensation will be provided for these unused credits.

4.20.4 The District is not responsible for the amount of energy produced by the Generating Facility or whether the energy is consumed or excess. The District encourages customers to contact use the District -provided "Solar Payback Calculator tool" prior to purchasing solar to better understand the potential bill savings.

4.20.5 Upon request, the District will permit Meter Aggregation for Customers participating in net metering. The total aggregated generating capacity must be less than 200 kilowatts (kW) per Customer.

4.20.5.1 Kilowatt-hour (kWh) credits earned through net metering during a billing period will first be applied to offset electricity supplied by the District at the designated meter, which is located at the site of the generation system.

4.20.5.2 A Customer may aggregate the designated meter with one additional meter, provided that the additional meter, provided the additional meter is located either on the same parcel or on a contiguous parcel, defined as sharing a common property boundary, even if separated by a road or rail corridor.

4.20.5.3 The Customer must be the same individual or entity receiving electric service at both the designated and aggregated meter locations.

4.20.5.4 Excess generation credits from the designated meter will be applied to the aggregated meter's energy charges at the applicable rate for that meter.

4.20.6 If the total credits exceed combined consumption at both meters during a billing period, the remaining credits will be carried forward and applied in accordance with RCW 80.60.030.

4.20.6.1 Participation in Meter Aggregation will not affect the rate class of any meter involved in the aggregation.

All Generating Facilities with an electrical generating capacity of less than 200 kilowatts (kW) must comply with the District's Small Generation

Formatted: Not Highlight

Commented [DH10]: Any other fees we want to list, late fees, etc? Or what about switching it to "these credits will only be applied to electricity supplied by the District"?

Commented [HS11R10]: will excess generation be applied to late fees or other fees, like AMI opt out or NSF, or just strictly usage?

Commented [HS12R10]: @Amanda Amos see question above.

Commented [AA13R10]: I think it has always been towards anything besides the base charge. To be honest I don't know that any of those situations above happen with these types of meters. I think we leave it generic like it is and adjust if there becomes a problem

Commented [DH14]: This is one of the common issues/questions that comes up. Suggest referencing the energy efficiency solar savings calculator tool to help customers understand the potential savings.

Commented [HS15R14]: I think the first sentence is reasonable. I am not sure if the second sentence belongs in the policy. I will let you decide.

Commented [AA16R14]: I think we leave out the Solar Payback tool as we try to keep things like this generic so if for some reason a name or something changes it is not out...

Formatted

Formatted: Font: (Default) Calibri

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Formatted: Font: Not Bold

Commented [DH17]: Section?

Commented [HS18R17]:

Commented [HS19R17]: @Amanda Amos how are cre...

Commented [HS20R17]: @Amanda Amos it doesn't lo...

Commented [AA21R17]: Yes I will finish this. I wonder...

Formatted: Font: Not Bold

Formatted

[Interconnection Standards Policy, which is located within the Engineering Policies. This policy outlines the technical and procedural requirements for interconnecting small generation systems to the District’s electrical grid.](#)

~~Customer will notify the District, with as much notice as possible, when the generating facility will be offline for more than 24 hours.~~

~~4.20.7~~

~~4.19.3~~

**4.204.21 Billing Errors**

~~4.20.14.21.1~~ If a billing error results in overcharges, the District will refund the overbilled amount to the customer, without interest, for a period of up to six years prior to the date the error was discovered, as specified in a written contract, or at the District’s discretion. If the customer has a past due balance, the refund will first be applied to that balance, with any remaining amount credited to the account.

~~4.20.24.21.2~~ If a billing error results in undercharges, the District may bill the customer for the underbilled amount for a period of up to six years prior to the date the error was discovered, or as specified in a written contract.

~~4.20.2.14.21.2.1~~ Underbilled rate errors will be calculated using actual usage and corrected rate charges.

~~4.20.2.24.21.2.2~~ If actual usage cannot be determined due to a system error, the District will estimate the underbilled amount using at least one year of accurate historical usage at the location. At its discretion, the District may exclude the highest and lowest usage months from the estimate to improve accuracy.

~~4.20.34.21.3~~ Customers may be allowed to paypay underbilled amounts over a period of up to three years, subject to District discretion. Factors considered may include the duration and nature of the error.

**4.214.22 Bill Schedule**

~~4.21.14.22.1~~ Customers are billed monthly for the prior month’s usage, unless enrolled in the District’s PrePaid billing program.

~~4.21.1.14.22.1.1~~ A typical Billing Period consist of 25 to 35 days.

~~4.21.24.22.2~~ Bills are printed and mailed approximately three weeks prior to the due date.

**Formatted:** Indent: Left: 0.5", Hanging: 0.56", Space Before: 11.95 pt, Outline numbered + Level: 3 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.33" + Indent at: 0.83"

**Commented [ML22]:** Honestly for net metering systems, why do we care? Unless someone has a reason why not to, I think we should delete this. This makes sense for large facilities (over 1MW) not small facilities.

**Commented [DH23R22]:** It’s something billing has flagged in the past. I will follow up with them. Maybe this moves to customer service policies?

**Commented [HS24R22]:** @Amanda do we need to know for billing purposes if they are offline? I don’t see why we would.

**Commented [HS25R22]:** @Amanda Amos

**Commented [AA26R22]:** This can be deleted. It may have been in here from prior to us having NISC. If we see an issue in the system billing will send out a ticket to have the meter looked at

**Formatted:** Normal



# **CUSTOMER SERVICE POLICIES**

---

Effective Date: December 9, 2025

## 2. Definitions

The following terms, when used in these Customer Service Policies, shall have the meanings set forth below:

**Additional Deposit:** The additional deposit is required when a service location's monthly usage increases and the recalculated deposit exceeds the current deposit on file by \$500 or more. The additional deposit is the difference between the current deposit and the updated deposit, based on the most recent 12-month usage data.

**After-Hours:** Any time outside the District's standard business hours of 7:00 a.m. to 5:30 p.m., Monday through Thursday, including recognized holidays.

**AMI Meters:** Automated Metering Infrastructure meters capable of remote reading, remote disconnect/reconnect, and advanced load management functions.

**Applicant:** The individual or entity applying for electric service.

**Authorization to Release Utility Information:** Written consent provided by the customer authorizing the District to release their Customer Information to a designated third party.

**Billing Period:** The monthly interval between successive meter reads, typically ranging from 25 to 35 days, used to calculate a customer's energy usage. The interval is determined by the District.

**Budget Pay:** A payment plan allowing customers to make equal monthly payments based on the average of their past 12 months of usage at a service location.

**Customer:** Any individual or entity legally entitled to receive electric service from the District, including ratepayers, end-use consumers, and financially responsible parties. This includes individuals, partnerships, corporations, organizations, governmental agencies, municipalities, and other entities.

**Customer Information:** Personally identifiable information as defined in RCW 42.56.590, excluding publicly available data lawfully disclosed by federal, state, or local government records.

**Deposit:** The security deposit amount calculated by multiplying the highest monthly bill from the most recent 12-month period at the service location by two.

**Earned Deposit:** A deposit assessed by the District based on poor payment history. The standard Deposit calculation is used to determine the Earned Deposit amount.

**eBill:** A paperless billing option where customers receive their bills electronically via SmartHub. Enrollment requires a valid email address.

**Electric Service:** The provision of electric energy by the District to the Point of Delivery, regardless of actual consumption.

**Energy:** Electric energy, measured in kilowatt-hours (kWh).

**Generating Facility:** Equipment that produces energy from water, wind, solar energy, or biogas or other renewable energy approved by the District, owned by a Customer that is located on the Customer's side of the Point of Common Coupling, and all facilities ancillary and appurtenant thereto, including interconnection facilities, which the Customer requests to interconnect to the District's Electric System.

**Identity Theft:** The unauthorized use of another person's identifying information to commit or attempt fraud.

**Maximum Demand:** The highest 30-minute average rate of electric energy delivered during a Billing Period, expressed in kilowatts (kW). For highly fluctuating or of short-duration loads, the District may use an interval less than 30 minutes at its discretion.

**Meter Aggregation:** The administrative combination of readings from a billing for all meters, regardless of the rate class, on a premises owned or leased by a Customer located within the District's service territory.

**Month:** An approximate 30-day interval.

**Net Metering:** Measures the difference between the electricity supplied by the District and the electricity generated by a Generating Facility that is fed back to the District over the applicable billing period.

**Opt-Out:** A program allowing customers to decline participation in the District's smart grid initiatives, including the use of AMI meters.

**Point of Delivery:** The location where the District's facilities connect to the customer's electric system, unless otherwise specified by contract. The point is independent of the location of meters, transformers, or other equipment.

**Power Factor:** The ratio of kilowatt-hours to kilovolt-ampere-hours, expressed as a percentage, including whether the load is leading or lagging.

**PrePaid:** A pay-as-you-go billing option where customers are charged daily basis for electric usage managed via SmartHub. Customers are responsible for monitoring notifications and account balances.

**Primary Purpose:** The use of Customer Information by third parties under contract with the

District for essential business functions including billing, system maintenance, legal and audit services, collection services, energy efficiency and assistance programs, customer surveys, and other essential business functions.

**Rate Schedule:** A list of rates and charges established and periodically amended by the District's Board of Directors.

**Red Flags:** Indicators of potential identity theft, such as patterns or activities associated with opening or accessing utility accounts.

**Red Flag Rule:** A provision of the Fair and Accurate Credit Transactions Act of 2003 (FACTA), amending the Fair Credit Reporting Act (FCRA), which outlines requirements for protecting customer information and preventing identity theft.

**Residential Service:** Electric service provided to a structure used as a residence by one or more persons individuals, whether single family or multifamily. Determination of qualifying structures is based on jurisdictional certification of residential occupancy.

**Secondary Purpose:** Requests for Customer Information by third parties not under contract with the District, including solar contractors, customer-hired contractors, marketing services, or other requests not required for District business.

**SmartHub:** A secure web portal or mobile application that allows customers to access and manage their electric account information.

**Valid Identification:** Acceptable forms of identification include a Social Security number and valid government-issued photo identification such as a driver's license, military identification, passport, or other documentation deemed acceptable by the District.

been disconnected twice (2) within the past 12 months.

**4.18.1.2** The customer receives two NSF notices within the past 12 months.

**4.18.1.3** Tampering with meters or other infrastructure occurs.

**4.18.1.4** May also be assessed at the District's discretion based on other factors.

**4.18.2** An Additional Deposit may be required if:

**4.18.2.1** Monthly usage increases, resulting in a recalculated deposit that exceeds the current deposit on file by \$500 or more.

**4.18.3** Accounts subject to Earned or Additional Deposits will be billed the applicable deposit amount on their next monthly bill.

**4.18.4** Earned and Additional Deposits will be refunded according to residential or non-residential criteria, but may be held longer at the District's discretion.

#### **4.19 Billing Calculation**

**4.19.1** Daily meter reads shall be considered conclusive evidence and used as the basis to calculate electric energy consumed by the customer.

**4.19.2** If the District is unable to obtain a meter read, the read may be estimated until a valid read is obtained. Once obtained,, the customer's account will be reconciled for actual metered consumption.

**4.19.3** All monthly fixed charges, such as the base charge and applicable taxes, shall be applied on a daily prorated basis.

#### **4.20 Net Energy Billing**

**4.20.1** Service under this section is subject to all rules and regulations as defined throughout the Customer Service Policies, or as defined by Special Contract.

**4.20.2** The District will measure the Customer's net electricity production and consumption each billing period using standard metering practice. Kilowatt-hours will be calculated under the applicable Rate Schedule and either billed or credited accordingly.

**4.20.2.1** If the electricity supplied by the District exceeds the electricity generated by the Customer, the Customer will be billed for the net electricity consumed.

**4.20.3** If the Customer generates more electricity than is supplied by the District, the

excess kilowatt-hours (kWh) will be credited to the Customer's account and applied to the next billing cycle. These credits will not be applied toward any associated base charges.

**4.20.3.1** On March 31st of each calendar year, any unused kilowatt-hour credits accumulated by the Customer during the previous 12 months will be forfeited to the District. No monetary compensation will be provided for these unused credits.

**4.20.4** The District is not responsible for the amount of energy produced by the Generating Facility or whether the energy is consumed or excess. The District encourages customers to contact the District prior to purchasing solar to better understand the potential bill savings

**4.20.5** Upon request, the District will permit Meter Aggregation for Customers participating in net metering. The total aggregated generating capacity must be less than 200 kilowatts (kW) per Customer.

**4.20.5.1** Kilowatt-hour (kWh) credits earned through net metering during a billing period will first be applied to offset electricity supplied by the District at the designated meter, which is located at the site of the generation system.

**4.20.5.2** A Customer may aggregate the designated meter with one additional meter, provided that the additional meter is located either on the same parcel or on a contiguous parcel, defined as sharing a common property boundary, even if separated by a road or rail corridor.

**4.20.5.3** The Customer must be the same individual or entity receiving electric service at both the designated and aggregated meter locations.

**4.20.5.4** Excess generation credits from the designated meter will be applied to the aggregated meter's energy charges at the applicable rate for that meter.

**4.20.6** If the total credits exceed combined consumption at both meters during a billing period, the remaining credits will be carried forward and applied in accordance with RCW 80.60.030.

**4.20.6.1** Participation in Meter Aggregation will not affect the rate class of any meter involved in the aggregation.

**4.20.7** All Generating Facilities with an electrical generating capacity of less than 200 kilowatts (kW) must comply with the District's Small Generation Interconnection Standards Policy, which is located within the Engineering Policies. This policy outlines the technical and procedural requirements for interconnecting small

generation systems to the District's electrical grid.

## **4.21 Billing Errors**

- 4.21.1** If a billing error results in overcharges, the District will refund the overbilled amount to the customer, without interest, for a period of up to six years prior to the date the error was discovered, as specified in a written contract, or at the District's discretion. If the customer has a past due balance, the refund will first be applied to that balance, with any remaining amount credited to the account.
- 4.21.2** If a billing error results in undercharges, the District may bill the customer for the underbilled amount for a period of up to six years prior to the date the error was discovered, or as specified in a written contract.
  - 4.21.2.1** Underbilled rate errors will be calculated using actual usage and corrected rate charges.
  - 4.21.2.2** If actual usage cannot be determined due to a system error, the District will estimate the underbilled amount using at least one year of accurate historical usage at the location. At its discretion, the District may exclude the highest and lowest usage months from the estimate to improve accuracy.
- 4.21.3** Customers may be allowed to pay underbilled amounts over a period of up to three years, subject to District discretion. Factors considered may include the duration and nature of the error.

## **4.22 Bill Schedule**

- 4.22.1** Customers are billed monthly for the prior month's usage, unless enrolled in the District's PrePaid billing program.
  - 4.22.1.1** A typical Billing Period consist of 25 to 35 days.
- 4.22.2** Bills are printed and mailed approximately three weeks prior to the due date.
- 4.22.3** Payments must be made by the due date during business hours to avoid Late Fees.
- 4.22.4** If payment is not received, a disconnect notice will be issued at least five business days before the scheduled disconnect date.
- 4.22.5** Additional courtesy notifications such as phone calls or electronic reminders may be provided by the District but are not guaranteed.
- 4.22.6** Service will be disconnected for non-payment if the total past due amount is

# 1. Power Management

## 1.1 District Load Summary (TRL)

### 1.1.1 Non-Industrial Load

### 1.1.2 Major Industrial Load

## 1.2 Heating Degree Days

## 1.3 Precipitation & Temperature

## 1.4 Runoff Forecast

## 1.5 Resource Performance

### 1.5.1 BPA Power

### 1.5.2 Swift No.2

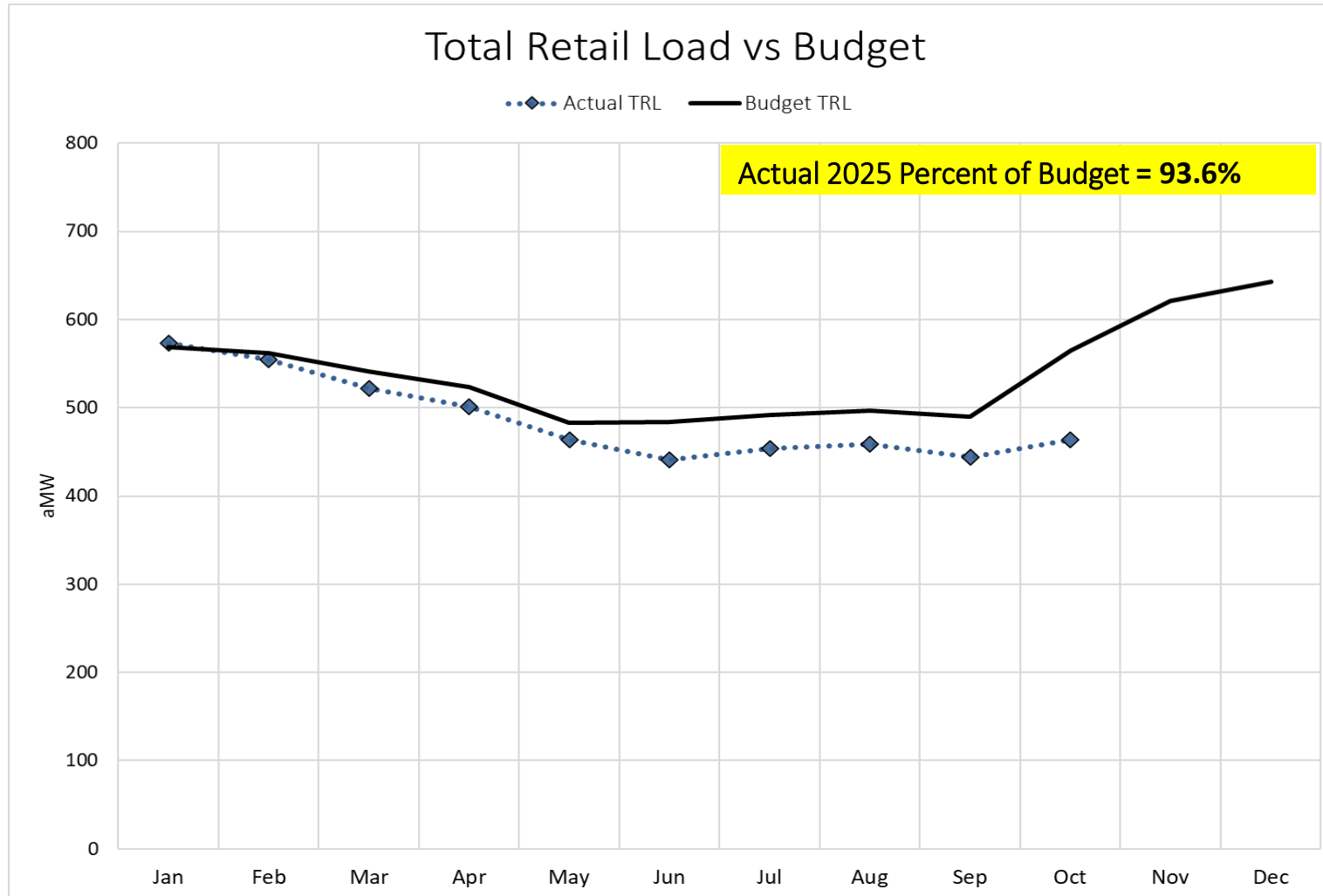
### 1.5.3 Wind (White Creek and Harvest Wind)

## 1.6 Wholesale Market Prices (Power & Natural Gas)

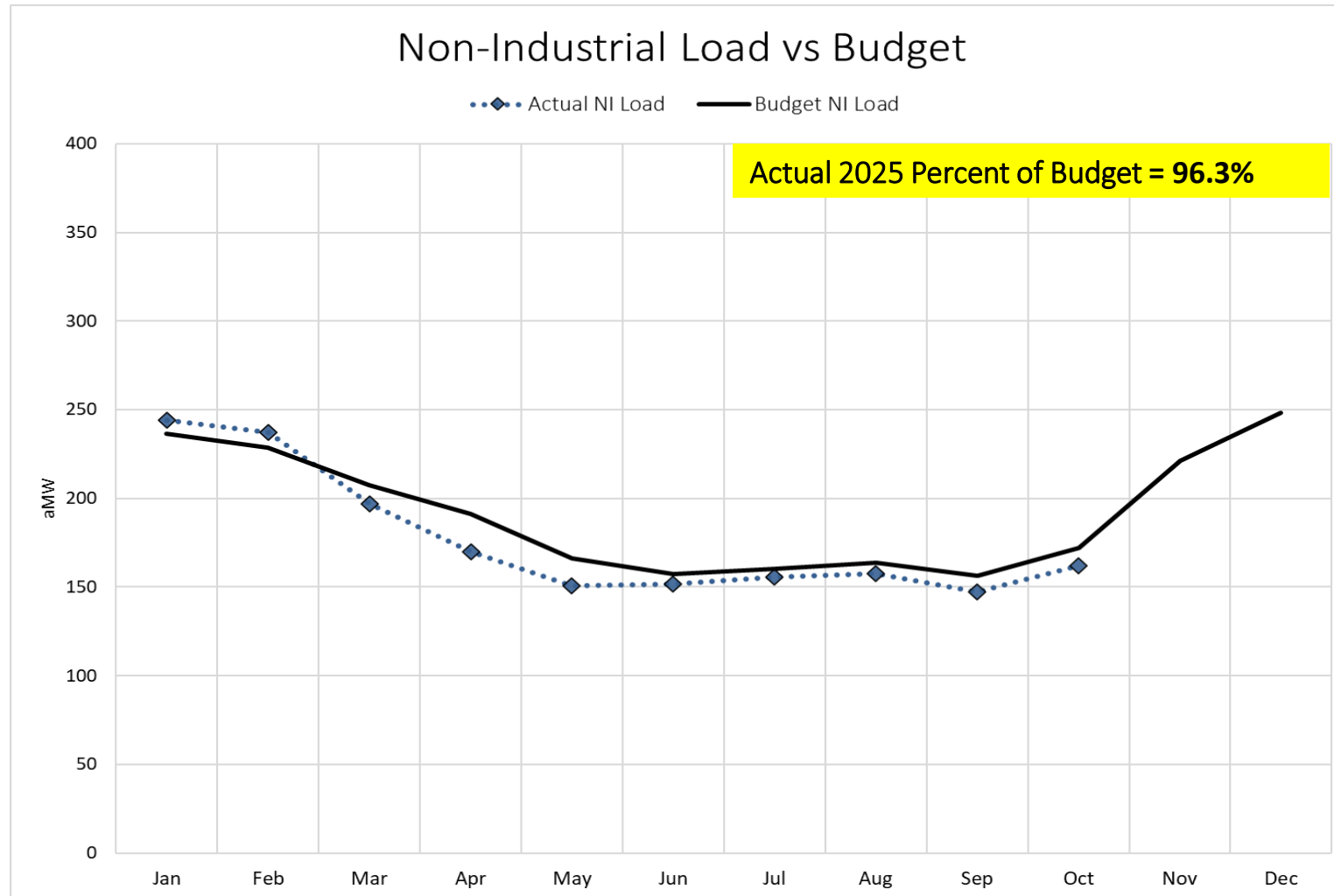
## 1.7 Net Secondary Sales Revenue

## 1.8 Net Power Cost – Non-Schedule 50

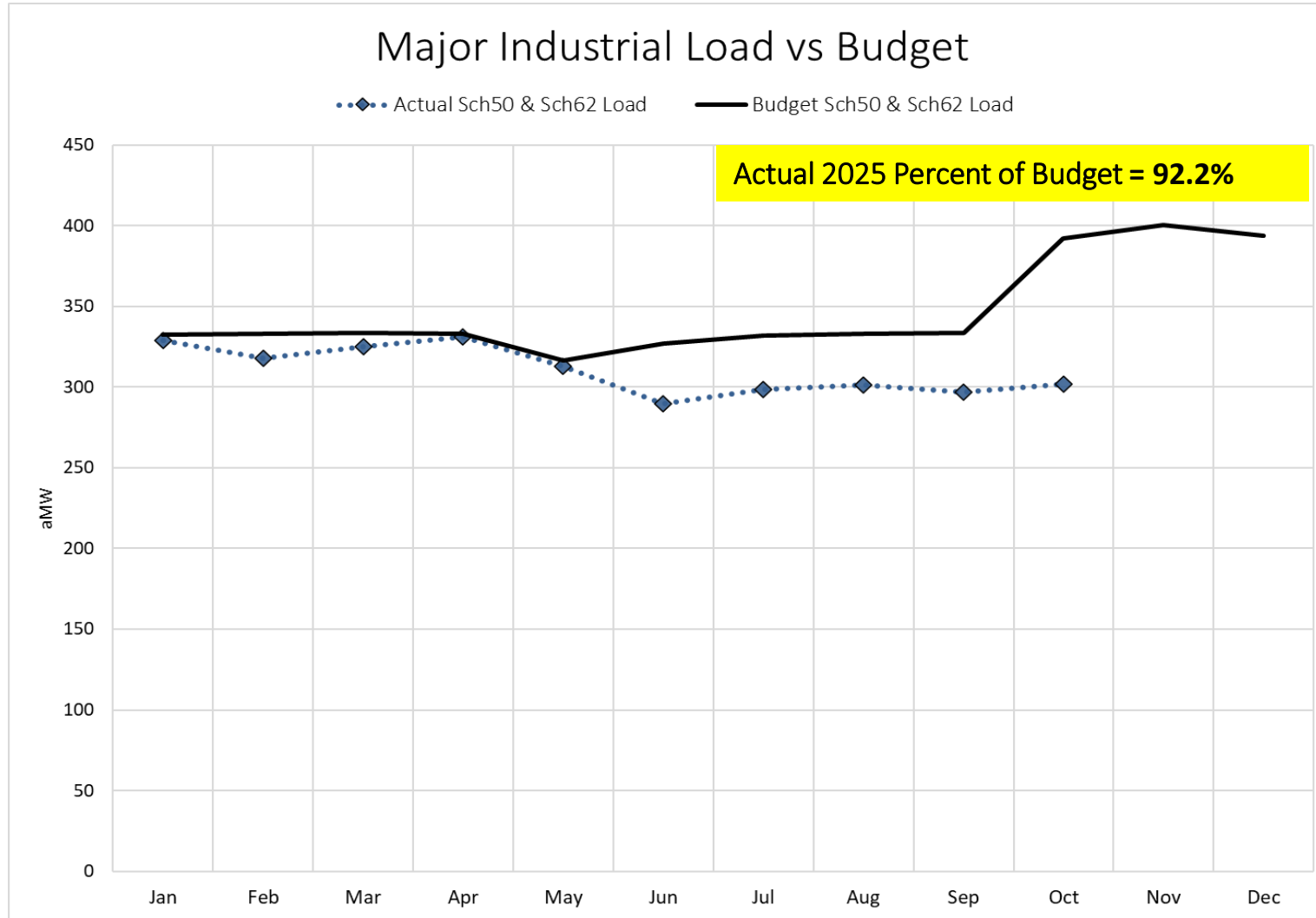
# 1.1 District Load Summary (Total Retail Load )



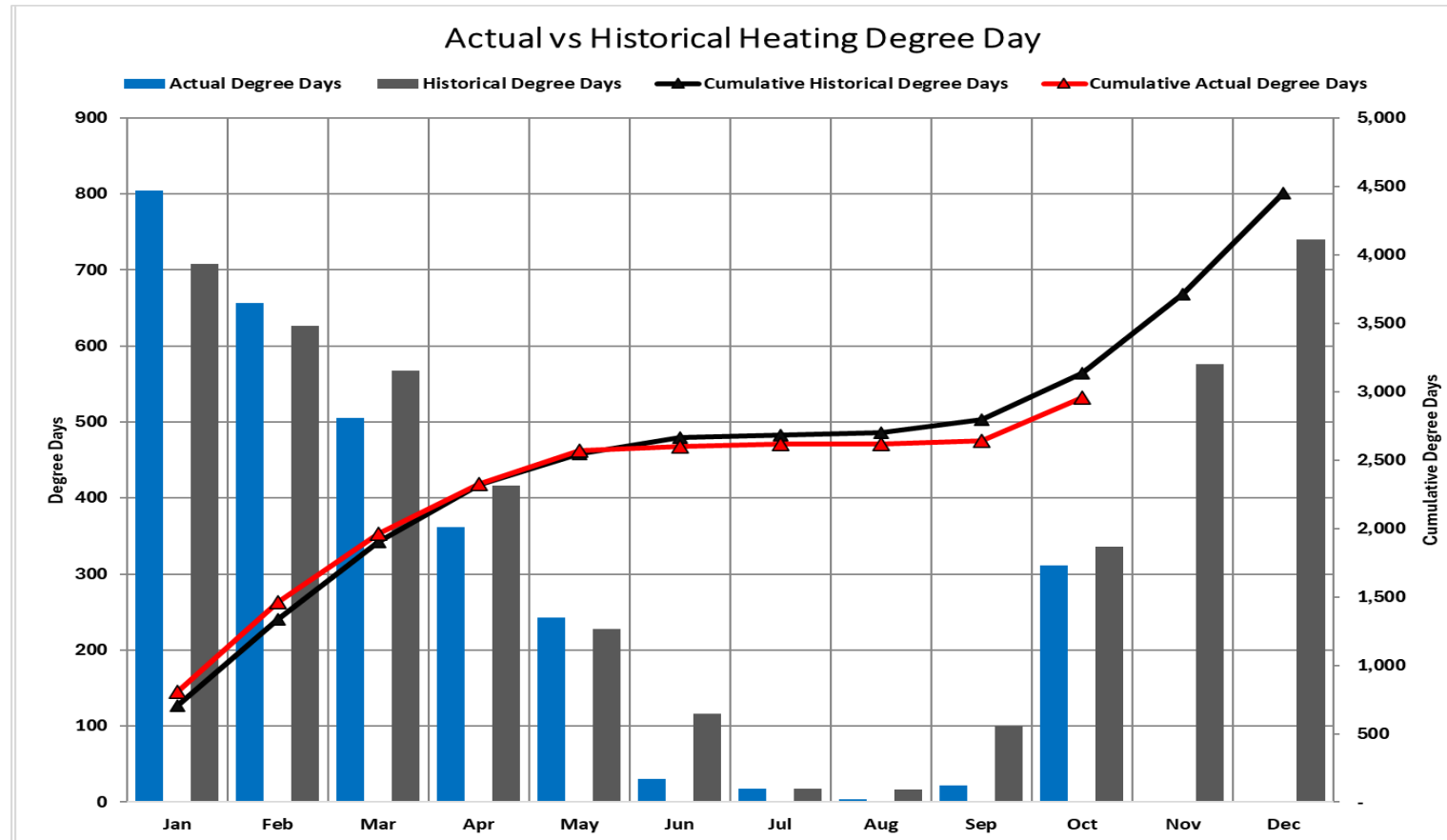
# 1.1.1 Non-Industrial Load Summary



# 1.1.2 Major Industrial Load Summary

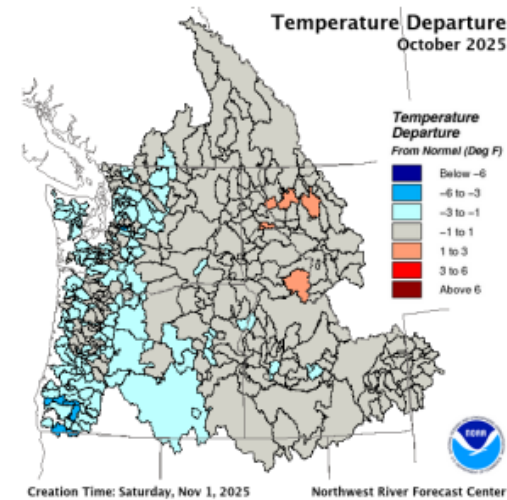
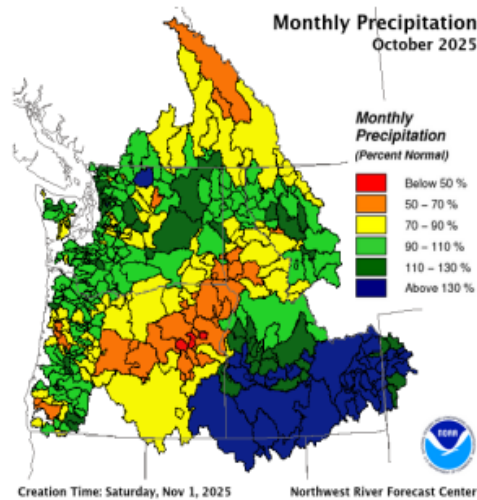
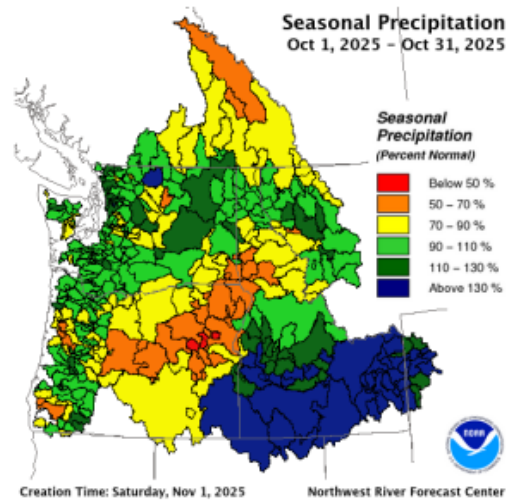


## 1.2 Heating Degree Days



Temperatures in October continued to be above average, finishing at 93% of the historical average Heating Degree Days (HDD) for the month. The HDD year-to-date is currently 94% of average; no change from the previous report.

# 1.3 Precipitation & Temperature

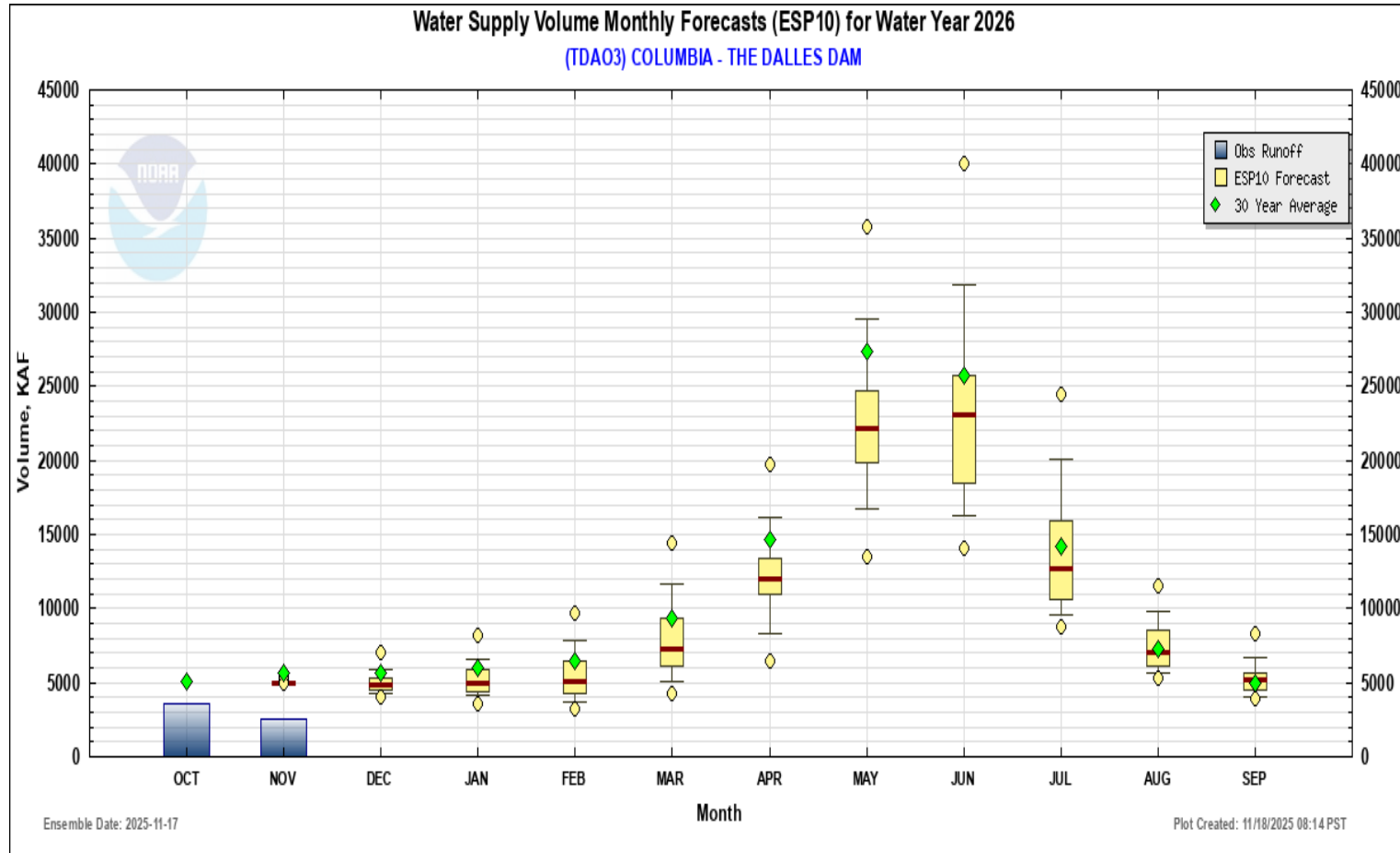


Seasonal precipitation through October brought notable changes across the region, with the Snake Basin experiencing well above-average rainfall, while the central region saw a decline in precipitation.

As noted earlier, the Snake Basin recorded above-average precipitation in October, while most other areas experienced average to below-average amounts.

October temperatures were near average across most of the region, except for some areas in the west, which saw slightly cooler temperatures.

# 1.4 Runoff Forecast



**October's water supply finished at 69% of average. November is forecasted to finish at 88% of average. WY2026 is off to a slower start and the Oct-Sep Water Supply Forecast for The Dalles is forecasted at 87%.**

# 1.5 Resource Performance

BPA Federal System Power



Swift No. 2



Harvest & White Creek Wind



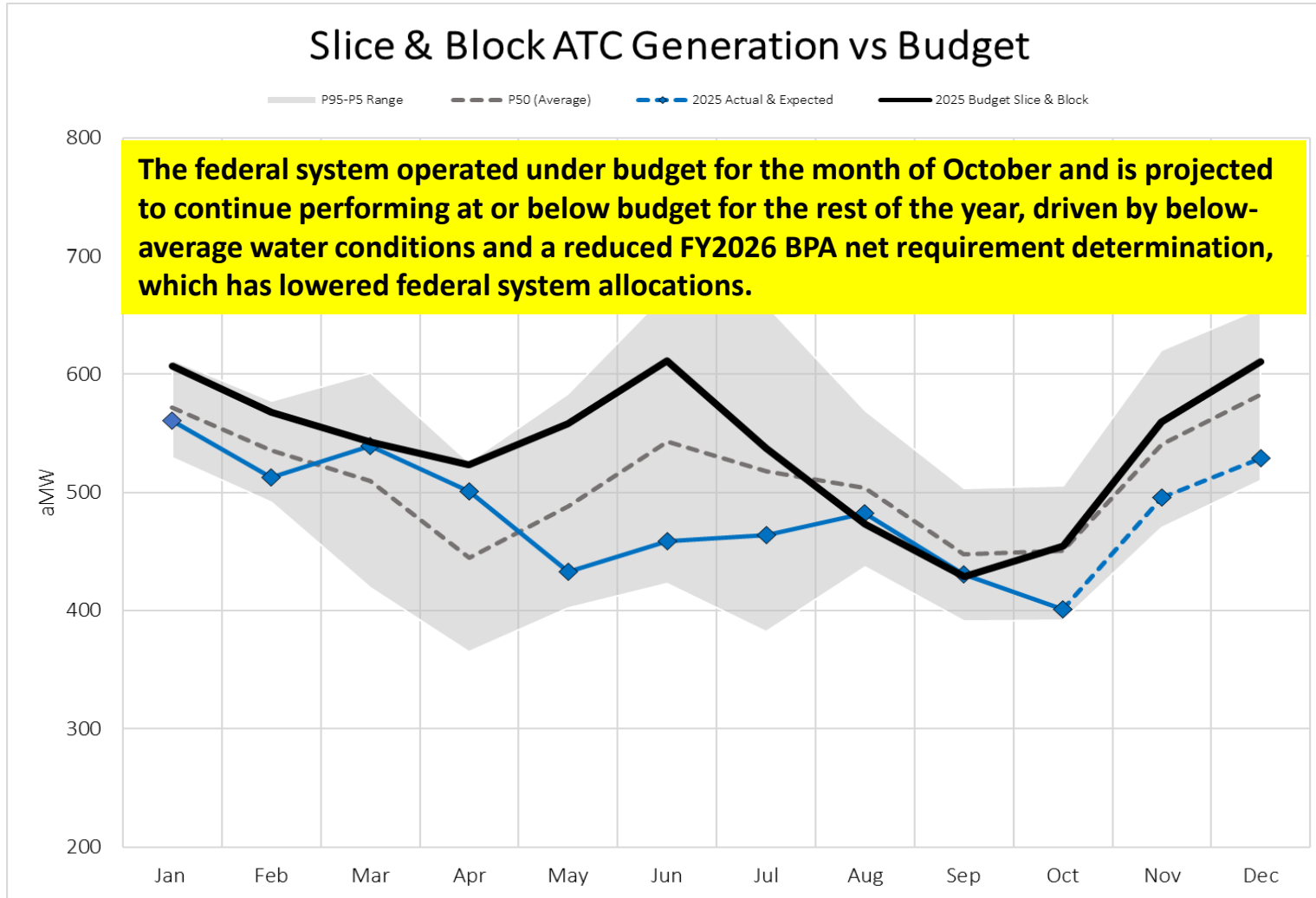
## Annual Resource Projections vs Budget

The BPA Federal System is anticipated to produce 90% of the budgeted expected generation. Down 1% from the previous month.

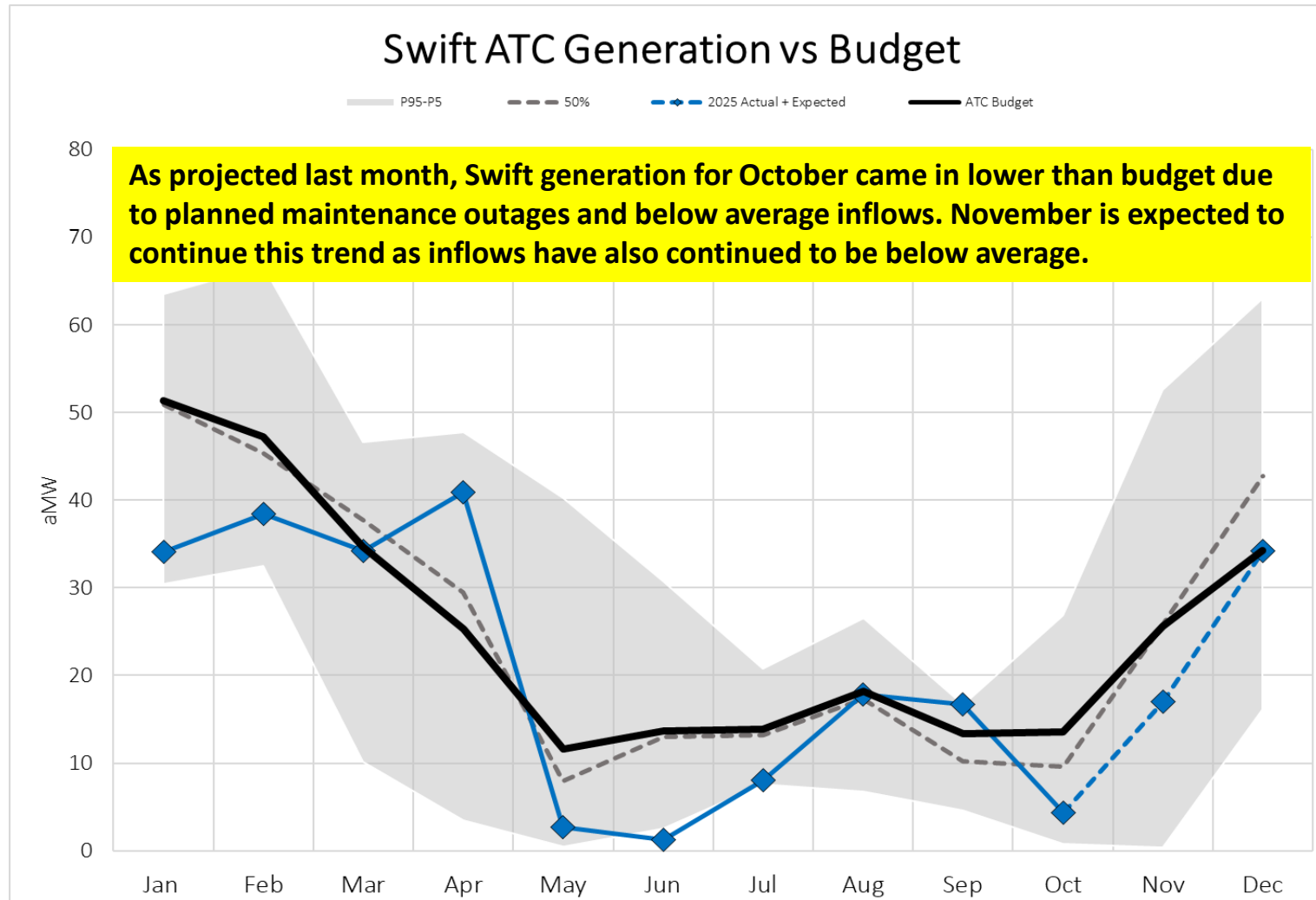
Swift No. 2 is currently anticipated to produce 82% of the budgeted expected ATC generation in 2025. Down 1% from the previous report.

HW & WCW are anticipated to produce 111% of the budgeted expected generation in 2025. Down 2% from the previous report. This percentage is largely attributed to the new Harvest Wind allocation.

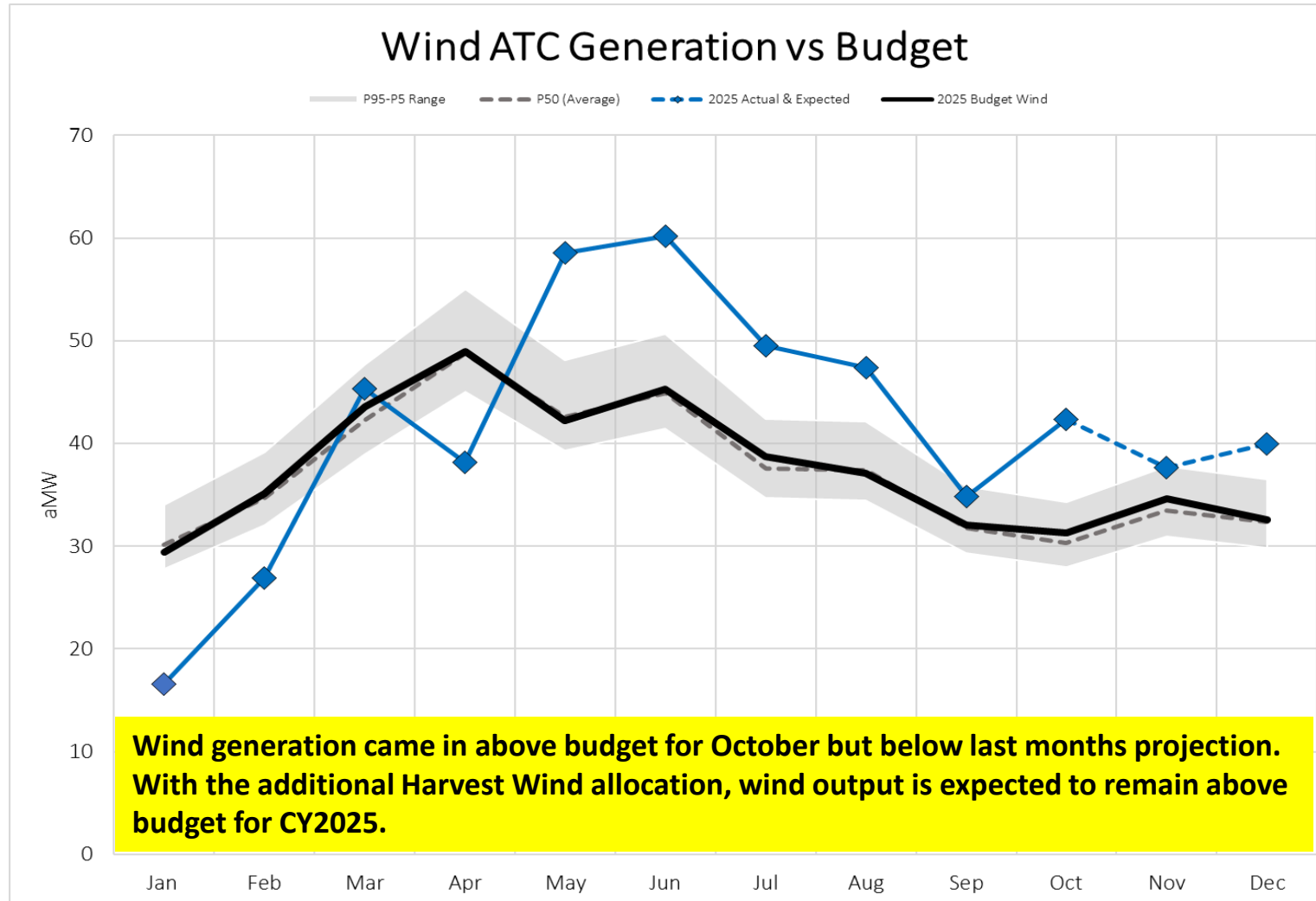
# 1.5.1 BPA Power



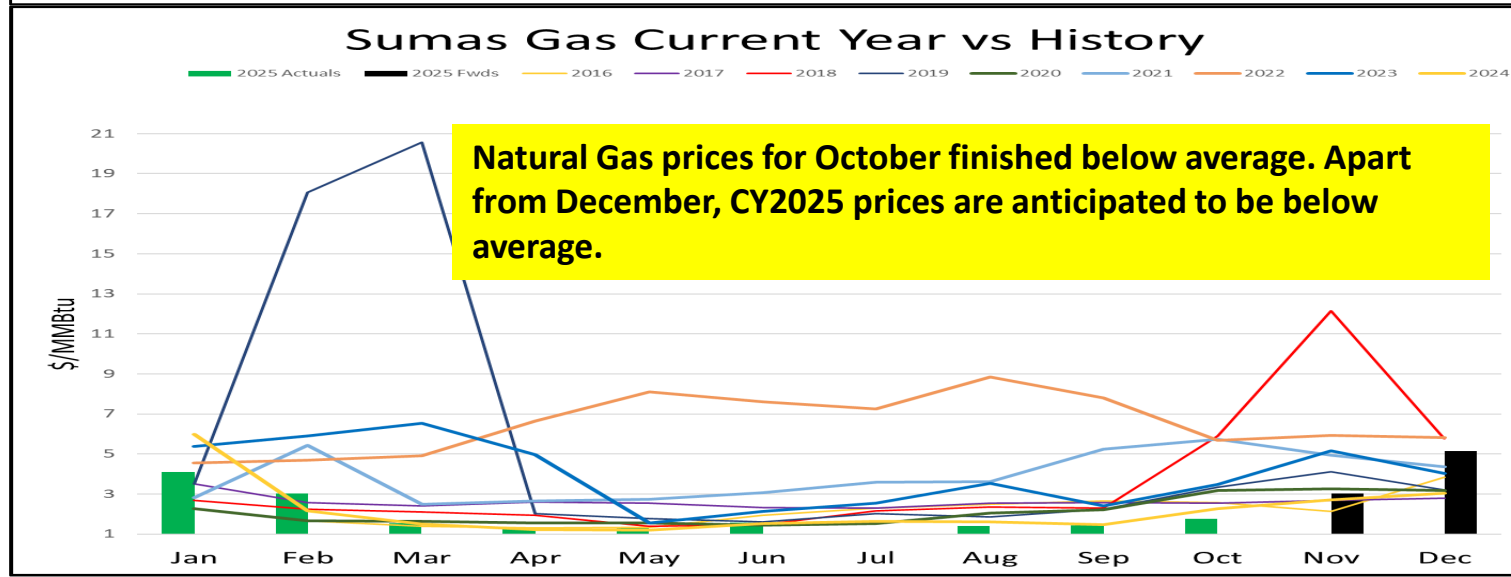
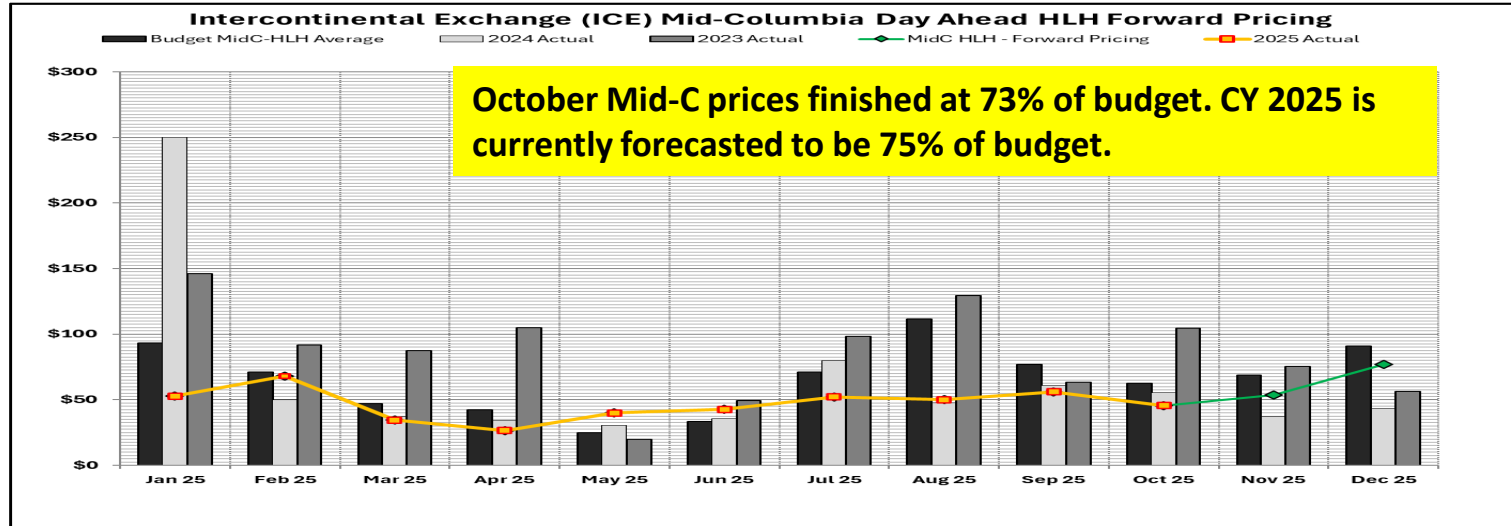
## 1.5.2 Swift No. 2 Generation



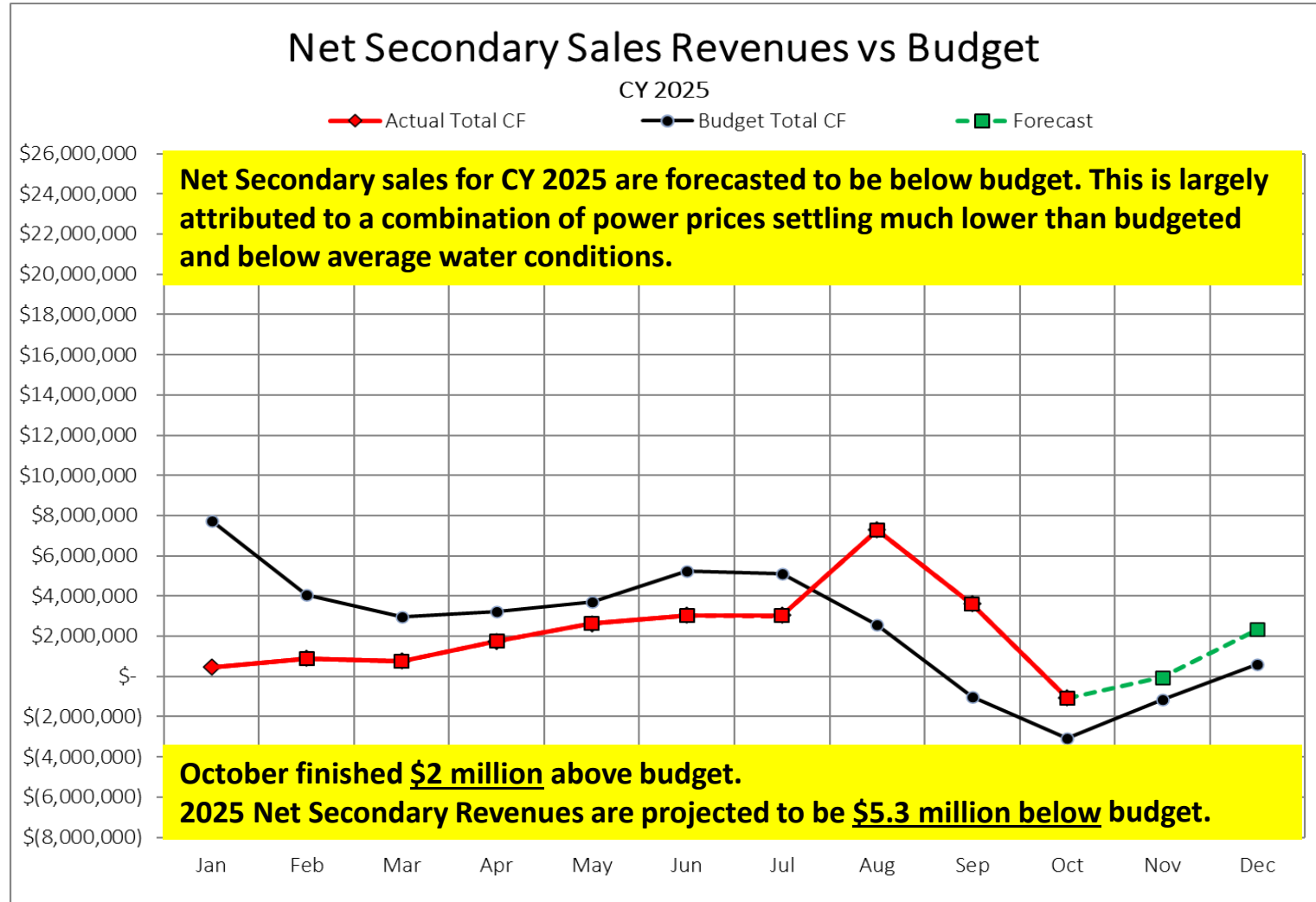
## 1.5.3 Wind (WC & HW)



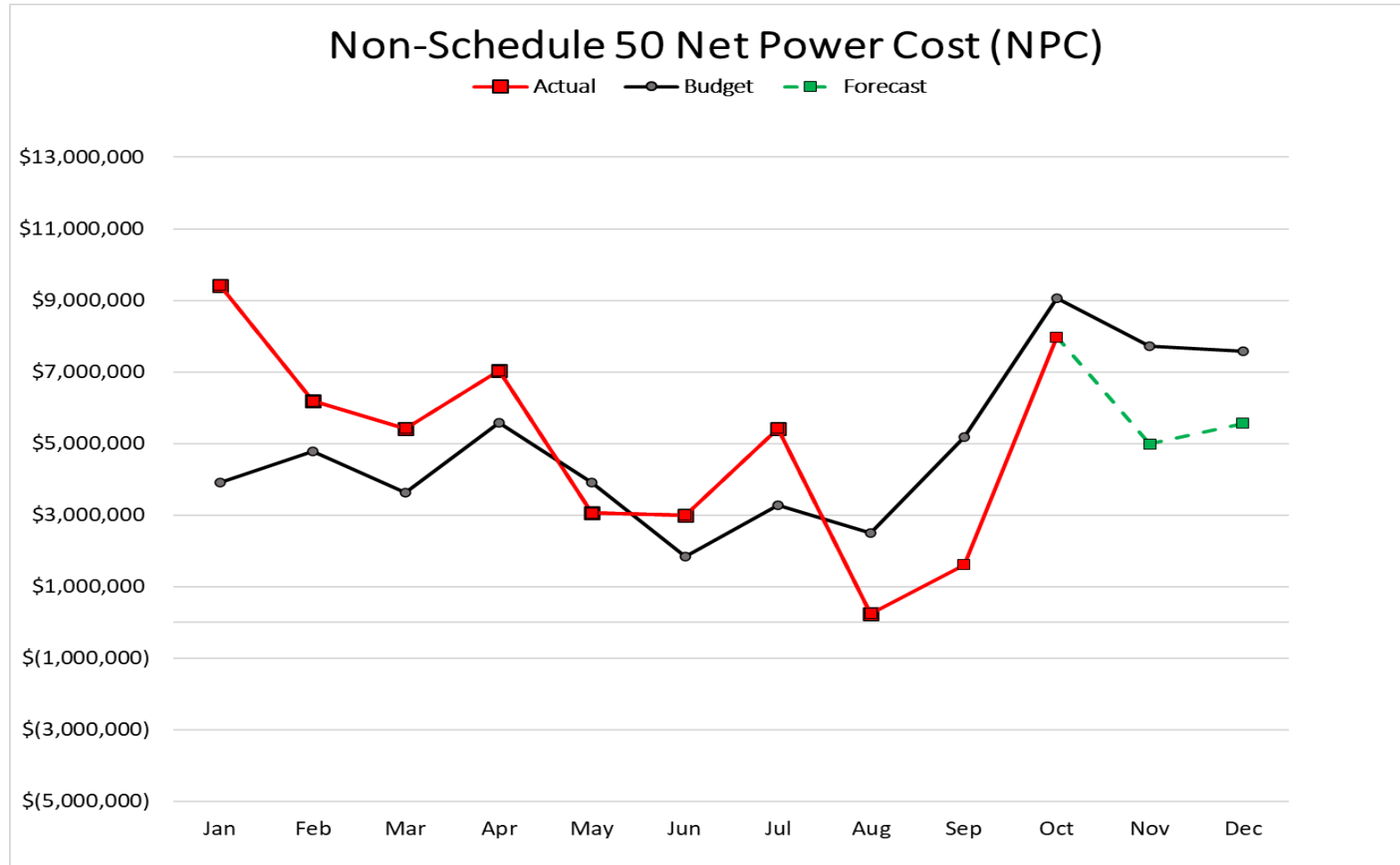
# 1.6 Wholesale Power Market Prices



# 1.7 Net Secondary Sales Revenue



## 1.8 Net Power Cost – Non-Schedule 50



**October's actual Non-Sch50 NPC was \$1.1 million below budget.**  
**Annual Non-Schedule 50 NPC is projected to be \$1 million above budget,**  
**reflecting an annual Non-Schedule 50 NPC of ~ \$59.9 million.**

# 2. Accounting and Finance

2.1 Year-to-Date Operating Results

2.2 Year-to-Date Retail Revenue

2.3 Proforma Year-End Income Statement

2.4 Year-End Cash Projection

2.5 Electric System Debt Service

2.6 Production System Debt Service

## 2.1 - Year-to-Date Operating Results

|            | Year-to-Date October 2025 |                |              |       |
|------------|---------------------------|----------------|--------------|-------|
|            | Actual                    | Budget         | Var \$       | Var % |
| Revenues   | \$ 233,074,092            | \$ 225,800,037 | \$ 7,274,055 | 3.22% |
| Expenses   | 217,396,134               | 215,699,820    | 1,696,314    | 0.79% |
| Margin     | \$ 15,677,958             | \$ 10,100,217  | \$ 5,577,741 |       |
| Prior Year | \$ 10,280,042             |                |              |       |

Actual revenues reduced by CIAC - \$5,239,458

Actual expenses reduced by Harvest Wind distributions - \$2,308,500

Ahead of budget due to retail revenues and investment earnings offsetting higher net non-major industrial power supply costs.

## 2.2 - Year-to-Date Retail Revenue

| <u>Year-to-Date October 2025</u> | <u>Actual</u>         | <u>Budget</u>         | <u>Var \$</u>       | <u>Var %</u> |
|----------------------------------|-----------------------|-----------------------|---------------------|--------------|
| Non-Major Industrial             | \$ 108,542,774        | \$ 103,196,602        | \$ 5,346,172        | 5.18%        |
| Major Industrial                 | <u>117,044,478</u>    | <u>118,020,101</u>    | <u>(975,623)</u>    | -0.83%       |
| Total Retail Revenue             | <u>225,587,252</u>    | <u>221,216,703</u>    | <u>4,370,549</u>    | 1.98%        |
| Other Operating Revenue          | <u>7,486,840</u>      | <u>4,583,333</u>      | <u>2,903,507</u>    | 63.35%       |
| Total Revenues                   | <u>\$ 233,074,092</u> | <u>\$ 225,800,037</u> | <u>\$ 7,274,055</u> | 3.22%        |

Non-MI revenue impacted by October 2024 and 2025 rate increases and billed loads. MI revenue impacted by actual costs and loads (pass-through power cost contracts). Other is due largely to higher investment earnings.

## 2.3 - Proforma Year-End Income Statement

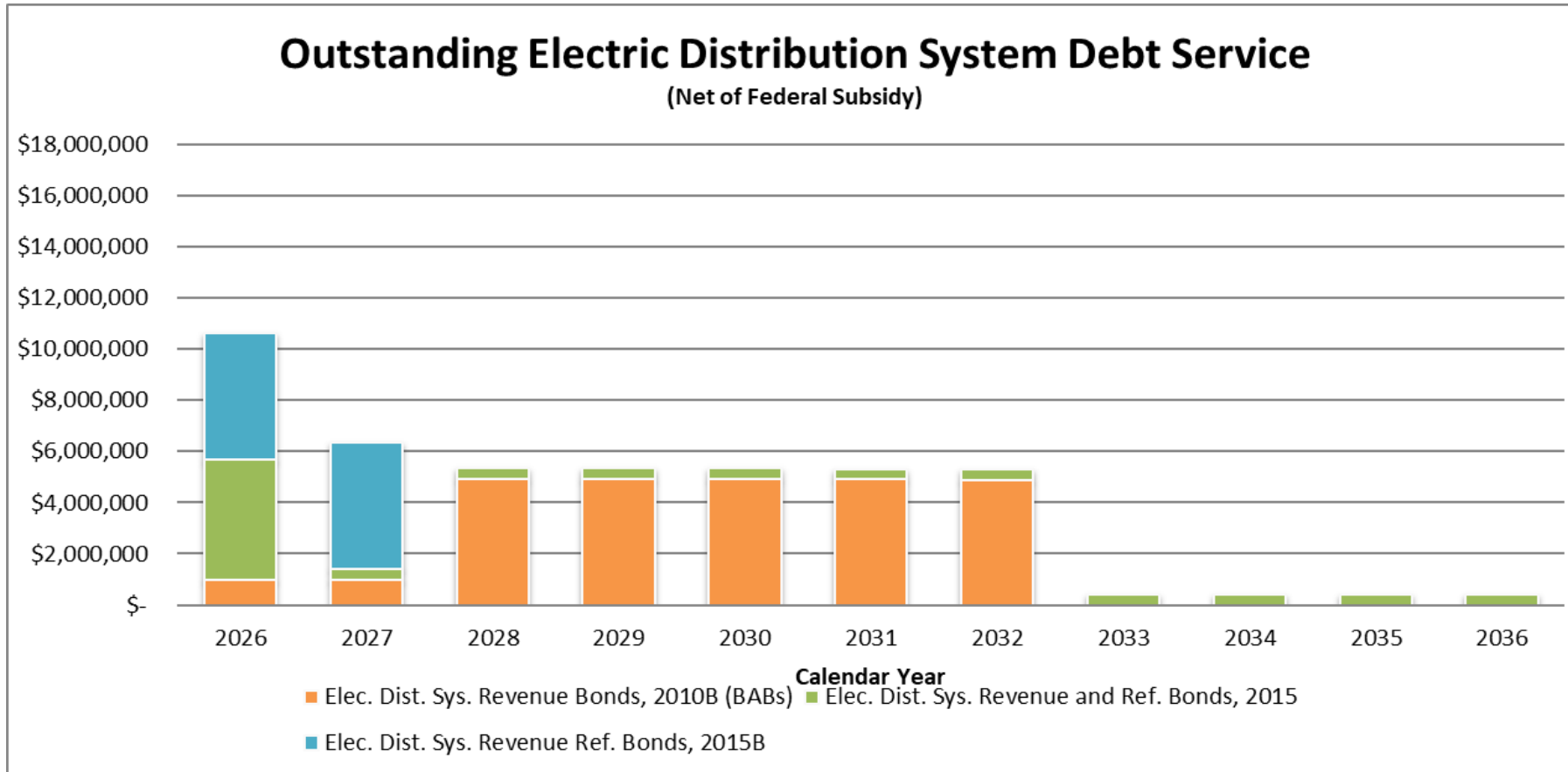
|                  | YTD Actual           | Projected            | Budget              | Var \$              | Var %   |  |
|------------------|----------------------|----------------------|---------------------|---------------------|---------|--|
| <b>Revenues</b>  |                      |                      |                     |                     |         |  |
| Non-MI           | \$ 108,542,774       | \$ 134,995,189       | \$ 128,822,465      | \$ 6,172,723        | 4.79%   | October 2024 & 2025 Rate Increases & Loads<br>Loads and Actual Costs |
| Major Industrial | 117,044,478          | 131,721,139          | 146,652,648         | (14,931,509)        | -10.18% |  |
| Other            | 7,486,840            | 8,403,507            | 5,500,000           | 2,903,507           | 52.79%  |  |
|                  | <u>233,074,092</u>   | <u>275,119,834</u>   | <u>280,975,113</u>  | <u>(5,855,279)</u>  | -2.08%  |  |
| <b>Expenses</b>  |                      |                      |                     |                     |         |  |
| Power Supply     | 156,819,310          | 183,669,399          | 197,064,258         | (13,394,859)        | -6.80%  | Low Generation & Soft Prices   |
| Other Operating  | 35,877,322           | 43,876,271           | 43,876,271          | -                   | 0.00%   |  |
| Taxes            | 12,987,800           | 16,112,206           | 15,906,821          | 205,385             | 1.29%   |  |
| Depreciation     | 9,855,443            | 12,105,443           | 13,500,000          | (1,394,557)         | -10.33% |  |
| Interest         | 1,856,259            | 2,249,971            | 2,362,271           | (112,300)           | -4.75%  |  |
|                  | <u>217,396,134</u>   | <u>258,013,291</u>   | <u>272,709,622</u>  | <u>(14,696,331)</u> | -5.39%  |  |
| <b>Margin</b>    | <u>\$ 15,677,958</u> | <u>\$ 17,106,543</u> | <u>\$ 8,265,491</u> | <u>\$ 8,841,052</u> | 106.96% |  |

**Projected results are heavily impacted by current forward market prices and anticipated volumes.**

## 2.4 - Year-End Cash Projection - Electric System

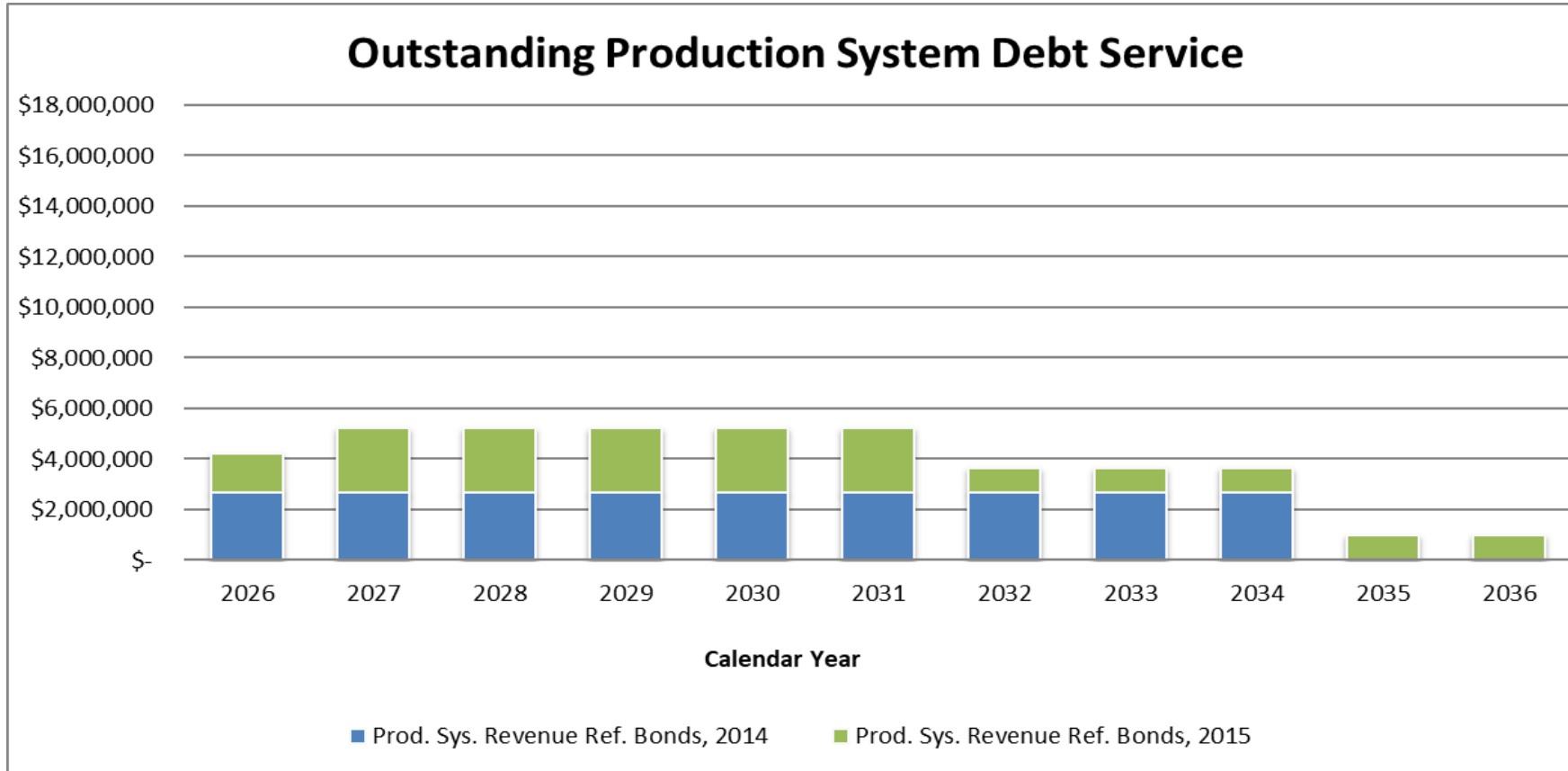
|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Margin                               | \$ 17,106,543                        |
| Non-Cash Items                       | 16,425,443                           |
| Capital                              | (30,915,528)                         |
| Principal Debt                       | <u>(13,096,538)</u>                  |
| <b>Projected Cash Deficit</b>        | <b>(10,480,080)</b>                  |
| Unrestricted Cash, beginning of year | <u>145,323,050</u>                   |
| Unrestricted Cash, end of year       | <u><u>\$ 134,842,970</u></u>         |
| <b>Budgeted Deficit</b>              | <b><u><u>\$ (17,926,575)</u></u></b> |

# 2.5 – Electric System Debt Service



**The above represents principal and interest.  
Total principal for the Electric System -  
\$38,510,000**

## 2.6 – Production System Debt Service



**The above represents principal and interest.  
Total principal for the Production System -  
\$34,600,000**

# 3. Operations

3.1 Outage Reports

3.2 Department Monthly Summaries

3.3 Safety

# 3.1.1 Outage Summary - October

Actual (Based on Date Slicer)

| Events | Customers Out | SAIDI | Minutes   |
|--------|---------------|-------|-----------|
| 78     | 8,160         | 19    | 1,060,875 |

Previous 6 Periods Avg (Based on Date Slicer)

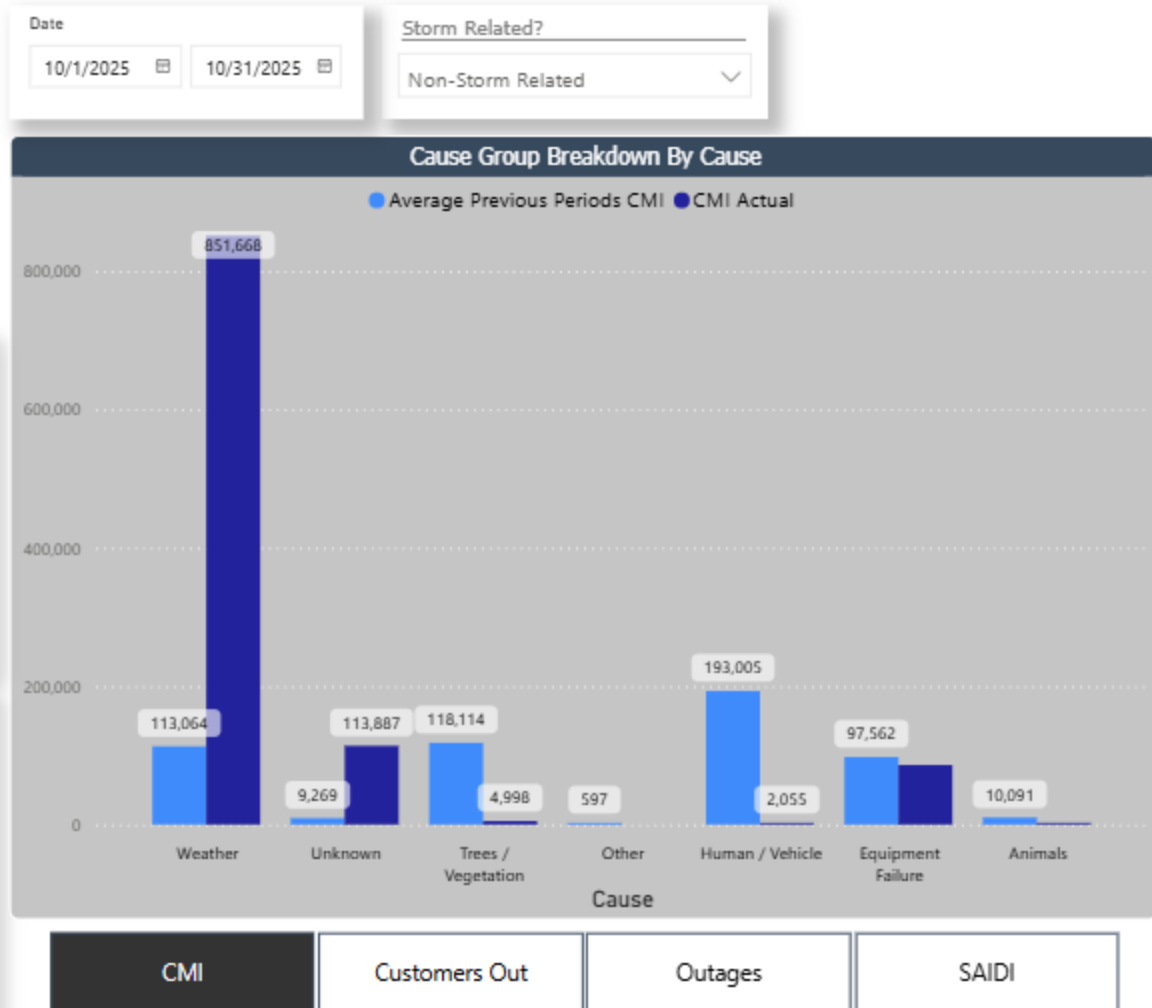
| Events | Avg Cust Out | Avg SAIDI | Avg Minutes |
|--------|--------------|-----------|-------------|
| 55     | 4,019        | 10        | 541,702     |

Causes (Non-Storm Related)

| Outage Cause                                 | Events    | Customers Out | SAIDI     | CMI              | % CMI          |
|--|-----------|---------------|-----------|------------------|----------------|
| Weather                                      | 34        | 6,452         | 16        | 851,668          | 80.28%         |
| Unknown                                      | 4         | 1,282         | 2         | 113,887          | 10.74%         |
| Equipment Failure                            | 26        | 374           | 2         | 86,046           | 8.11%          |
| Equip: U/G Fault                             | 6         | 137           | 1         | 54,252           | 5.11%          |
| Equip: Material or equipment fault/failure   | 20        | 237           | 1         | 31,794           | 3.00%          |
| Equip: Conductor sag or inadequate clearance | 0         |               |           |                  |                |
| Equip:                                       | 0         |               |           |                  |                |
| <b>Total</b>                                 | <b>78</b> | <b>8,160</b>  | <b>19</b> | <b>1,060,875</b> | <b>100.00%</b> |

Top Events (CMI)

| Outage Cause             | Feeder | Line Section      | CMI     | Customers Out | Time Off          | First Restore | Longest Duration |
|--------------------------|--------|-------------------|---------|---------------|-------------------|---------------|------------------|
| Weather: Wind with trees | 12T1   | BRK12T1           | 258,792 | 669           | 10/25/25 4:38 PM  |               | 6.4              |
| Weather: Wind with trees | 12T1   | Recloser708       | 74,833  | 555           | 10/25/25 12:49 PM |               | 2.2              |
| Weather: Wind with trees | 12Q3   | FUS090N20W 170016 | 74,397  | 214           | 10/25/25 3:46 PM  |               | 5.8              |
| Cause unknown            | 12Q1   | Recloser726       | 72,867  | 454           | 10/25/25 3:32 AM  |               | 2.7              |
| Weather: Wind with trees | 12N1   | BRK12N1           | 69,515  | 719           | 10/25/25 3:43 PM  |               | 1.6              |



Very poor month of outages compared to historical average. Wind event 10/25 that caused top 5 outages of the month.

# 3.1.2 Wind Event – October 25

Actual (Based on Date Slicer)

| Events | Customers Out | SAIDI | Minutes |
|--------|---------------|-------|---------|
| 27     | 6,855         | 17    | 916,711 |

Previous 6 Periods Avg (Based on Date Slicer)

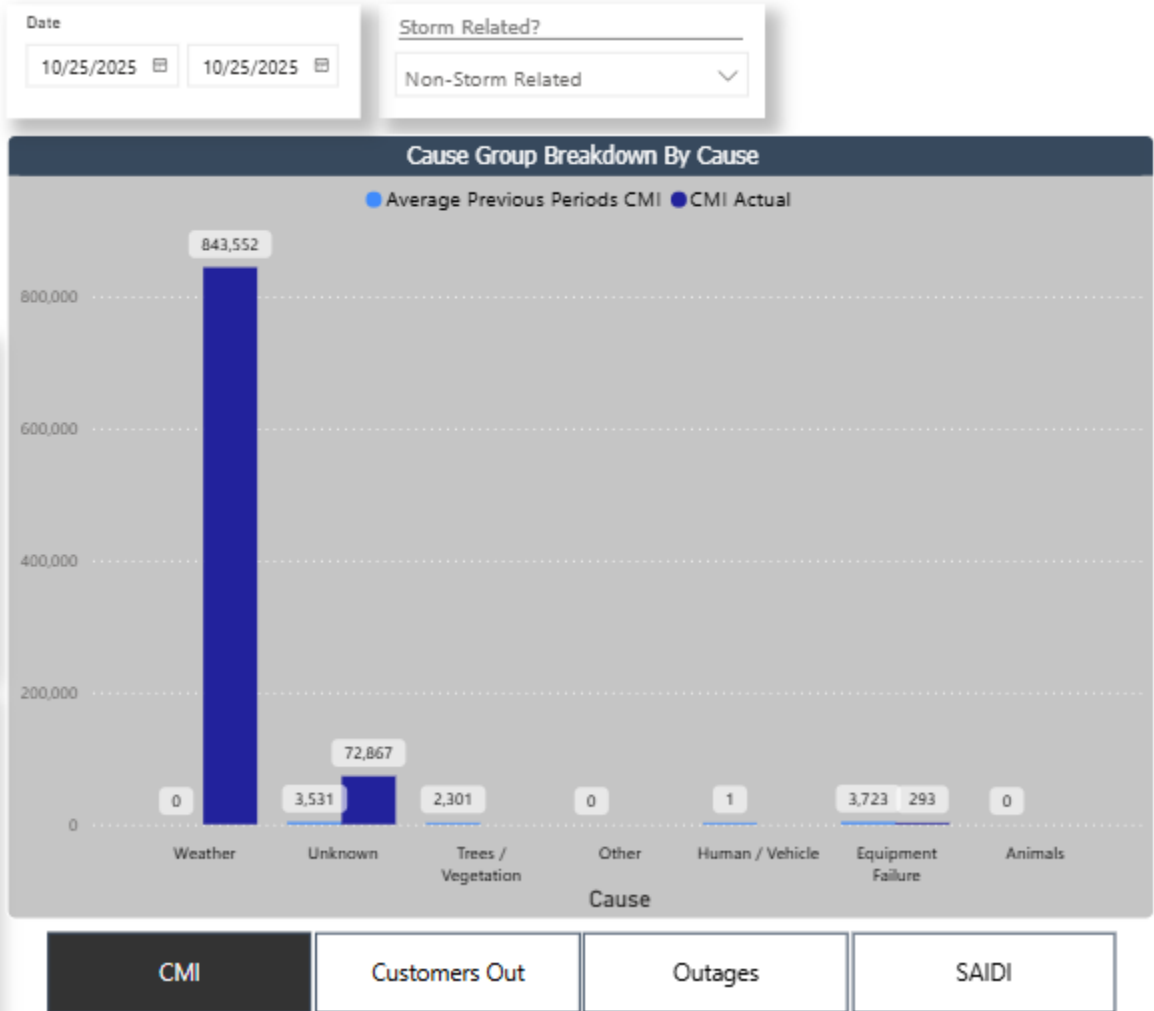
| Events | Avg Cust Out | Avg SAIDI | Avg Minutes |
|--------|--------------|-----------|-------------|
| 2      | 37           | 0         | 9,556       |

Causes (Non-Storm Related)

| Outage Cause                                 | Events    | Customers Out | SAIDI     | CMI            | % CMI          |
|--|-----------|---------------|-----------|----------------|----------------|
| Weather                                      | 25        | 6,399         | 15        | 843,552        | 92.02%         |
| Unknown                                      | 1         | 454           | 1         | 72,867         | 7.95%          |
| Equipment Failure                            | 1         | 2             | 0         | 293            | 0.03%          |
| Equip: Material or equipment fault/failure   | 1         | 2             | 0         | 293            | 0.03%          |
| Equip: Conductor sag or inadequate clearance | 0         |               |           |                |                |
| Equip: Miscoordination/Operation             | 0         |               |           |                |                |
| <b>Total</b>                                 | <b>27</b> | <b>6,855</b>  | <b>17</b> | <b>916,711</b> | <b>100.00%</b> |

Top Events (CMI)

| Outage Cause             | Feeder | Line Section         | CMI     | Customers Out | Time Off             | First Restore | Longest Duration |
|--------------------------|--------|----------------------|---------|---------------|----------------------|---------------|------------------|
| Weather: Wind with trees | 12T1   | BRK12T1              | 258,792 | 669           | 10/25/25<br>4:38 PM  |               | 6.4              |
| Weather: Wind with trees | 12T1   | Recloser708          | 74,833  | 555           | 10/25/25<br>12:49 PM |               | 2.2              |
| Weather: Wind with trees | 12Q3   | FJ5090N20W<br>170016 | 74,397  | 214           | 10/25/25<br>3:46 PM  |               | 5.8              |
| Cause unknown            | 12Q1   | Recloser726          | 72,867  | 454           | 10/25/25<br>3:32 AM  |               | 2.7              |
| Weather: Wind with trees | 12N1   | BRK12N1              | 69,515  | 719           | 10/25/25<br>3:43 PM  |               | 1.6              |



Wind event on 10/25 accounted for 86% of total outage minutes for the month.  
Not considered a Major Event Day though

# 3.1.3 Outage Summary – YTD W/O Storms



Actual (Based on Date Slicer)

| Events | Customers Out | SAIDI | Minutes   |
|--------|---------------|-------|-----------|
| 520    | 41,110        | 95    | 5,189,580 |

Previous 6 Periods Avg (Based on Date Slicer)

| Events | Avg Cust Out | Avg SAIDI | Avg Minutes |
|--------|--------------|-----------|-------------|
| 464    | 34,167       | 85        | 4,465,754   |

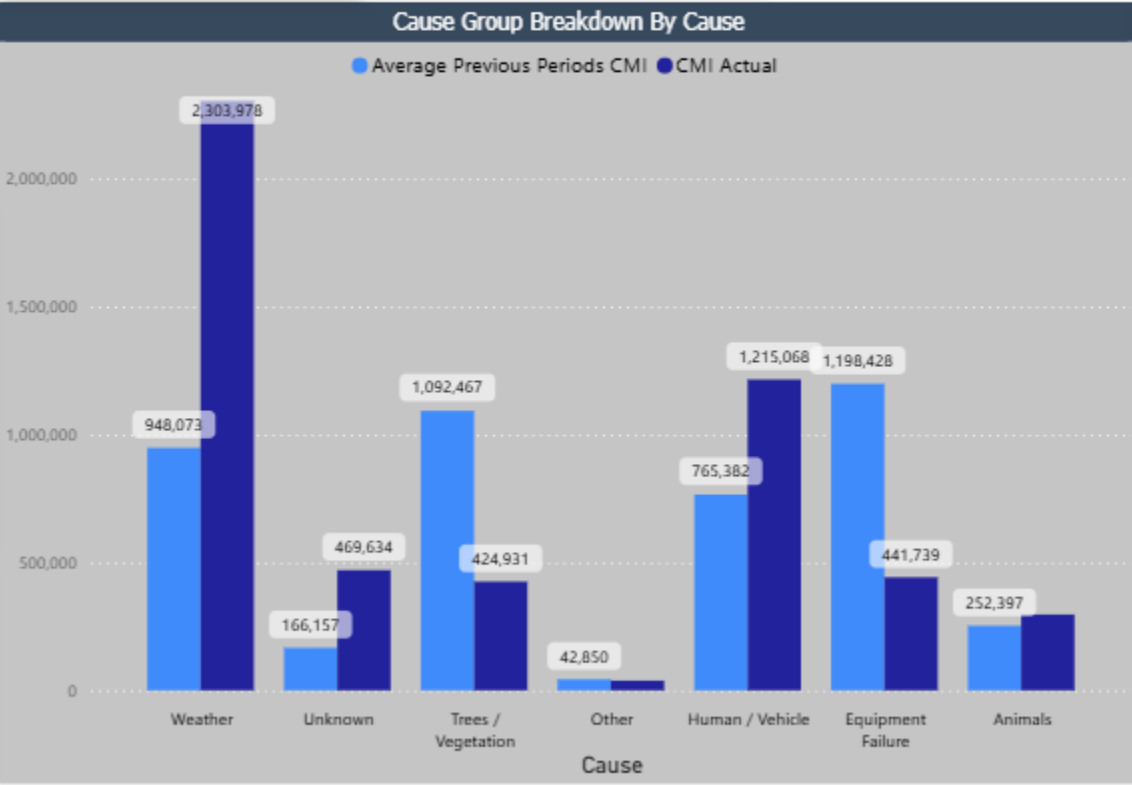
Causes (Non-Storm Related)

| Outage Cause                               | Events     | Customers Out | SAIDI     | CMI              | % CMI          |
|--|------------|---------------|-----------|------------------|----------------|
| Weather                                    | 86         | 19,392        | 42        | 2,303,978        | 44.40%         |
| Human / Vehicle                            | 61         | 7,474         | 22        | 1,215,068        | 23.41%         |
| Unknown                                    | 26         | 4,054         | 9         | 469,634          | 9.05%          |
| Equipment Failure                          | 188        | 2,030         | 8         | 441,739          | 8.51%          |
| Equip: U/G Fault                           | 76         | 1,193         | 6         | 328,224          | 6.32%          |
| Equip: Material or equipment fault/failure | 108        | 822           | 2         | 111,822          | 2.15%          |
| Equip: Overload                            | 4          | 15            | 0         | 1,692            | 0.03%          |
| Equip: Conductor sag or                    | 0          |               |           |                  |                |
| <b>Total</b>                               | <b>520</b> | <b>41,110</b> | <b>95</b> | <b>5,189,580</b> | <b>100.00%</b> |

Top Events (CMI)

| Outage Cause             | Feeder | Line Section | CMI     | Customers Out | Time Off         | First Restore   | Longest Duration |
|--------------------------|--------|--------------|---------|---------------|------------------|-----------------|------------------|
| Public: Motor vehicle    | 12T4   | Recloser707  | 310,207 | 616           | 8/16/25 5:15 AM  |                 | 8.4              |
| Public: Motor vehicle    | 12S3   | BRK12S3      | 264,494 | 882           | 3/21/25 3:38 AM  | 3/21/25 3:47 AM | 7.6              |
| Weather: Wind with trees | 12T1   | BRK12T1      | 258,792 | 669           | 10/25/25 4:38 PM |                 | 6.4              |
| Weather: Wind with trees | 12X1   | BRK12X1      | 166,611 | 318           | 8/15/25 6:58 PM  |                 | 8.7              |
| Weather: Wind with trees | 999    | UNKNOWN      | 137,817 | 1,540         | 2/24/25 4:22 PM  | 2/24/25 5:44 PM | 1.8              |

Date: 1/1/2025 to 10/31/2025  
 Storm Related?: Non-Storm Related



CMI   
  Customers Out   
  Outages   
  SAIDI

6-year avg comparison YTD without storms

# 3.1.4 Outage Summary – YTD W/Storms

Actual (Based on Date Slicer)

| Events | Customers Out | SAIDI | Minutes   |
|--------|---------------|-------|-----------|
| 520    | 41,110        | 95    | 5,189,580 |

Previous 6 Periods Avg (Based on Date Slicer)

| Events | Avg Cust Out | Avg SAIDI | Avg Minutes |
|--------|--------------|-----------|-------------|
| 564    | 51,359       | 187       | 9,823,306   |

Causes (Non-Storm Related)

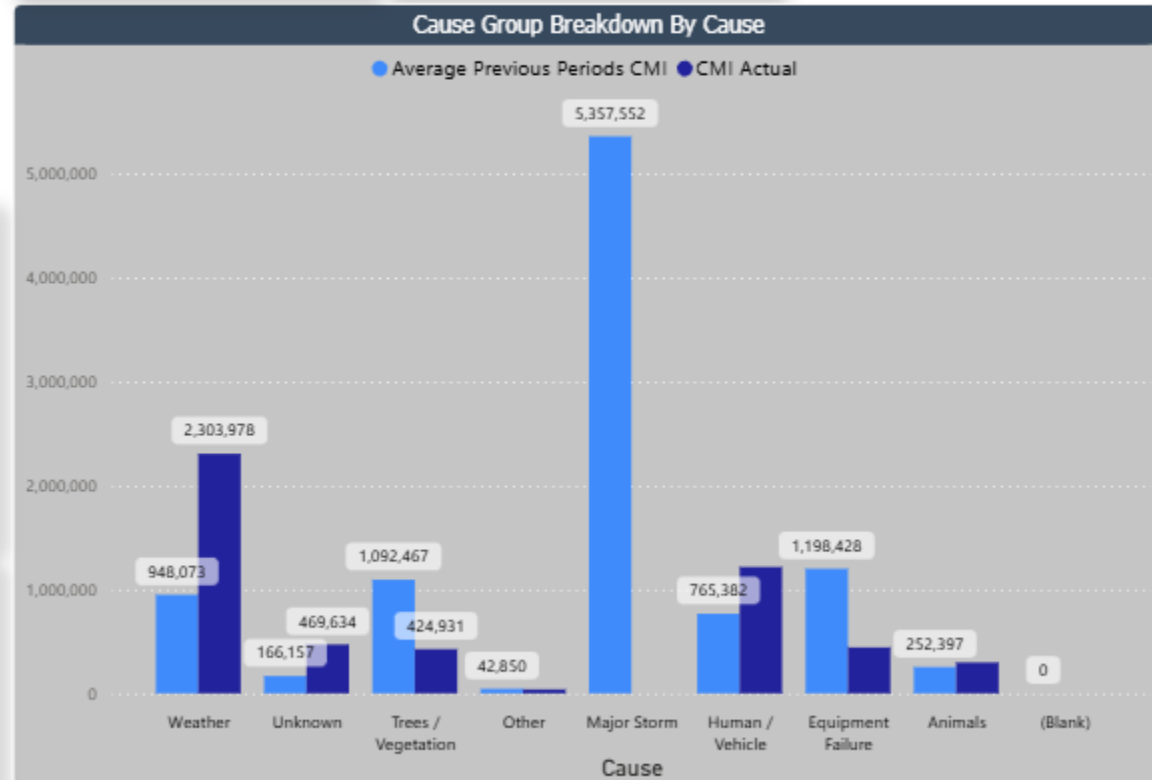
| Outage Cause                               | Events     | Customers Out | SAIDI     | CMI              | % CMI          |
|--|------------|---------------|-----------|------------------|----------------|
| Weather                                    | 86         | 19,392        | 42        | 2,303,978        | 44.40%         |
| Human / Vehicle                            | 61         | 7,474         | 22        | 1,215,068        | 23.41%         |
| Unknown                                    | 26         | 4,054         | 9         | 469,634          | 9.05%          |
| Equipment Failure                          | 188        | 2,030         | 8         | 441,739          | 8.51%          |
| Equip: U/G Fault                           | 76         | 1,193         | 6         | 328,224          | 6.32%          |
| Equip: Material or equipment fault/failure | 108        | 822           | 2         | 111,822          | 2.15%          |
| Equip: Overload                            | 4          | 15            | 0         | 1,692            | 0.03%          |
| Equip: Conductor sag or                    | 0          |               |           |                  |                |
| <b>Total</b>                               | <b>520</b> | <b>41,110</b> | <b>95</b> | <b>5,189,580</b> | <b>100.00%</b> |

Top Events (CMI)

| Outage Cause             | Feeder | Line Section | CMI     | Customers Out | Time Off         | First Restore   | Longest Duration |
|--------------------------|--------|--------------|---------|---------------|------------------|-----------------|------------------|
| Public: Motor vehicle    | 12T4   | Recloser707  | 310,207 | 616           | 8/16/25 5:15 AM  |                 | 8.4              |
| Public: Motor vehicle    | 12S3   | BRK12S3      | 264,494 | 882           | 3/21/25 3:38 AM  | 3/21/25 3:47 AM | 7.6              |
| Weather: Wind with trees | 12T1   | BRK12T1      | 258,792 | 669           | 10/25/25 4:38 PM |                 | 6.4              |
| Weather: Wind with trees | 12X1   | BRK12X1      | 166,611 | 318           | 8/15/25 6:58 PM  |                 | 8.7              |
| Weather: Wind with trees | 999    | UNKNOWN      | 137,817 | 1,540         | 2/24/25 4:22 PM  | 2/24/25 5:44 PM | 1.8              |

Date: 1/1/2025 to 10/31/2025

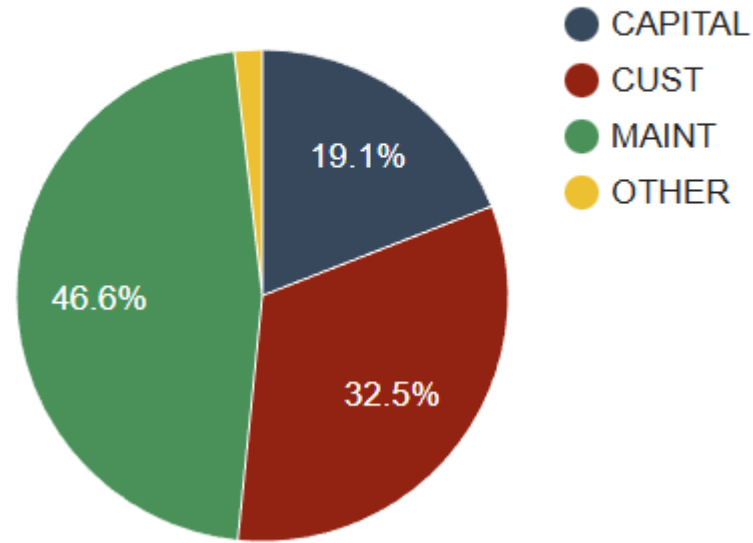
Storm Related?: All



6-year avg comparison YTD with storms  
(No storms 2025 YTD)

# Straight Time

3271.9 Hours



## 3.2.1 Line Crew

### LINE CREW SERVICE ORDERS

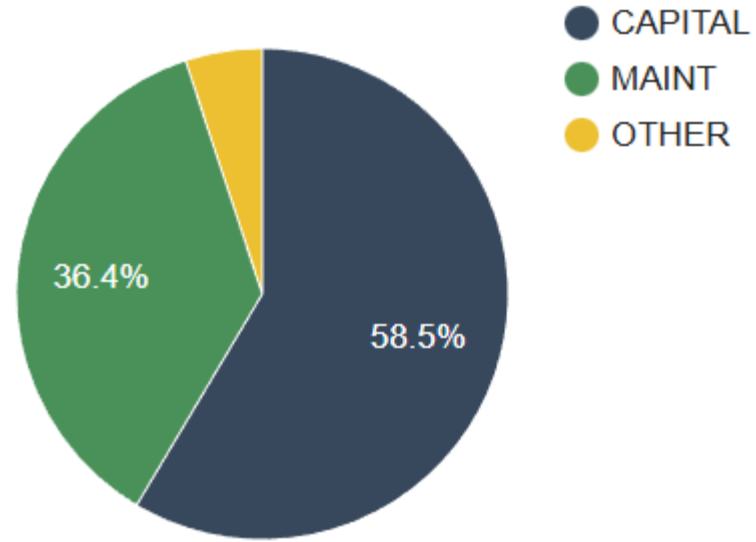
|     |                             |
|-----|-----------------------------|
| 95  | HAZARD/TT/POWER QUALITY     |
| 60  | DISCONNECT                  |
| 54  | PERM METER                  |
| 44  | TRANSFORMERS                |
| 31  | LT EXCHGE                   |
| 30  | RECONNECT/NEW/TEMP/BACKBONE |
| 27  | STREET LIGHTS               |
| 26  | INFO                        |
| 16  | TPERM                       |
| 14  | MISC                        |
| 13  | FLUP                        |
| 9   | CUSTOMANDIS                 |
| 6   | POLE REPL                   |
| 4   | BACKBONEV2                  |
| 3   | METER EXCHANGE/REMOVE       |
| 2   | MREADY-MNT                  |
| 2   | CUTOFF                      |
| 1   | NS-DV ONLY                  |
| 1   | APP TTLINE                  |
| 1   | SPECIAL EQ                  |
| 439 | TOTAL                       |

### Customer Work

81 WO's completed

## 3.2.2 Relay/Substation

Straight Time  
1236 Hours

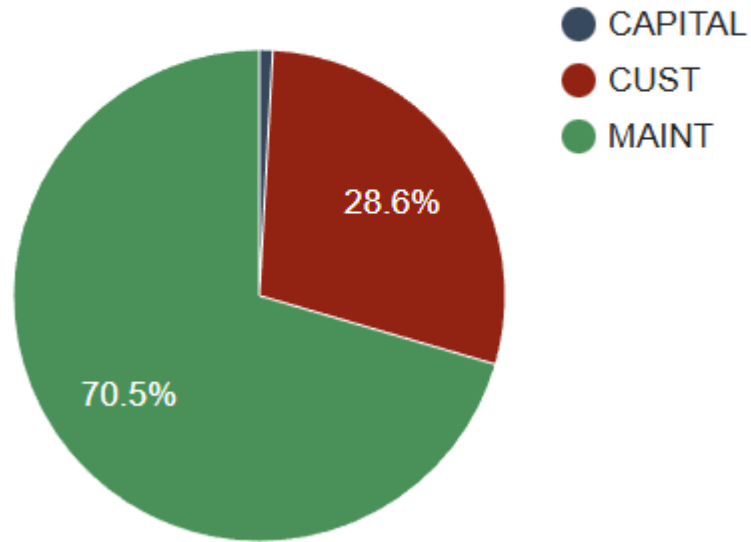


### Maintenance Work

Delameter substation control house maintenance  
Distribution line regulator inspections  
Chapman Rd regulators put on-line

# 3.2.3 Meter and FSRs

Straight Time  
1020 Hours



## Service Orders

### METER DEPARTMENT

|       |                       |
|-------|-----------------------|
| 57    | DISCONNECT            |
| 41    | PERM METER            |
| 33    | METER INVESTIGATION   |
| 18    | MTR-CT/PT             |
| 11    | METER EXCHANGE/REMOVE |
| 7     | RECONNECT/NEW/TEMP    |
| 4     | MISC                  |
| 3     | COMMER CST            |
| 1     | CUTOFF                |
| 1     | FIP-METER             |
| <hr/> |                       |
| 176   | TOTAL                 |

### FIELD SERVICE REPS

|       |                    |
|-------|--------------------|
| 58    | OFFICE             |
| 40    | READ OPTOT         |
| 5     | CUTOFF             |
| 4     | METER READ         |
| 3     | CUSTMANDIS         |
| 2     | RECONNECT/NEW/TEMP |
| 1     | DISCONNECT         |
| <hr/> |                    |
| 113   | TOTAL              |

## 3.2.4 On-Going District Work

| Group   | Design     | ROPS       | Completed  | Budget              | YTD                | YTD/Budget |
|---|------------|------------|------------|---------------------|--------------------|------------|
| 2.1 - Transmission On-Going Pole Replacement    | 29         | 2          | 27         | \$310,000           | \$871,746          | 281%       |
| 2.3 - Transmission On-Going System Improvement  | 1          | 1          | 0          | \$95,000            | \$366              | 0%         |
| 2.5 - Transmission Unplanned System Improvemen  | 3          | 0          | 3          | \$410,000           | \$1,095,125        | 267%       |
| 3.1 - Distribution On-Going System Improvement  | 206        | 23         | 65         | \$3,950,000         | \$926,872          | 23%        |
| 3.11 - Transformer O/H & U/G Failure            | 9          | 5          | 54         | \$270,000           | \$267,376          | 99%        |
| 3.12 - Dist Line Rebuild                        | 10         | 0          | 0          | \$220,000           | \$48,169           | 22%        |
| 3.18 - Distribution Unplanned System Improvemen | 18         | 4          | 24         | \$760,000           | \$293,957          | 39%        |
| 3.19 - Distribution On-Going U/G Line Cable Rep | 84         | 62         | 30         | \$8,750,000         | \$1,408,921        | 16%        |
| 3.26 - Transformer PCB Replacement              | 1          | 58         | 46         | \$170,000           | \$94,573           | 56%        |
| 3.5 - Distribution On-Going Pole Replacement    | 199        | 41         | 61         | \$1,690,000         | \$770,371          | 46%        |
| 3.52 - Substation Unplanned System Improvement  | 1          | 0          | 2          |                     |                    |            |
| 3.54 - Substation On-Going System Improvement   | 4          | 0          | 1          | \$443,500           | \$12,113           | 3%         |
| TR2.1 - Small Capital                           | 4          | 0          | 0          | \$39,000            | \$8,872            | 23%        |
| <b>TOTAL</b>                                    | <b>569</b> | <b>196</b> | <b>313</b> | <b>\$17,107,500</b> | <b>\$5,798,461</b> | <b>34%</b> |

## 3.2.5 On-Going Customer Work

| Group                               | Design     | ROPS      | Completed  | YTD                |
|-------------------------------------|------------|-----------|------------|--------------------|
| 3.13 - Cust OnGoin Lighting         | 8          | 1         | 17         | \$18,522           |
| 3.14 - Cust Secondary Ln Extention  | 196        | 13        | 328        | \$503,051          |
| 3.16 - Cust Pri Ln Ext. Residential | 116        | 6         | 209        | \$2,022,120        |
| 3.17 - Cust Pri Ln Ext. Commercial  | 71         | 5         | 43         | \$737,107          |
| 3.29 - Cust Mke Redy for Telco      | 8          | 0         | 48         | \$-7,008           |
| 3.9 - Cust Ln Reloct Dist/TX        | 12         | 1         | 5          | \$211,858          |
| 3.99 - Cust Solar                   | 7          | 0         | 13         | \$2,972            |
| <b>TOTAL</b>                        | <b>418</b> | <b>26</b> | <b>663</b> | <b>\$3,488,621</b> |

# 3.2.6 Tree-Trimming

Month/Year

Oct-25

---

**Year To Date**

**181**  
Total Trimming Miles

22,416  
Total Hours

18,260  
Trimming Hours

3,900  
Tickets Hours

256  
WO/Storm Hours

124  
Trouble Tickets

9.8  
Completed Miles

645  
Total Hours

645  
Trimming Hours

0  
Tickets Hours

0  
WO/Storm Hours

2.1  
Completed Miles

447  
Total Hours

447  
Trimming Hours

0  
Tickets Hours

0  
WO/Storm Hours

**Central**

| Substation   | Feeder | Completed Miles |
|--------------|--------|-----------------|
| Shawnee      | B3     | 5.6             |
| Pacific Way  | PW2    | 3.1             |
|              |        | 0.8             |
| Shawnee      | B2     | 0.3             |
| <b>Total</b> |        | <b>9.8</b>      |

**North**

| Substation      | Feeder | Completed Miles |
|-----------------|--------|-----------------|
| Castle Rock     | N3     | 0.7             |
|                 |        | 0.6             |
| Castle Rock     | N1     | 0.5             |
| Castle Rock     | N2     | 0.2             |
| Gardners Corner | F3     | 0.1             |
| Gardners Corner | F1     | 0.0             |
| <b>Total</b>    |        | <b>2.1</b>      |

5.6  
Completed Miles

555  
Total Hours

428  
Trimming Hours

127  
Tickets Hours

0  
WO/Storm Hours

1.4  
Completed Miles

426  
Total Hours

326  
Trimming Hours

100  
Tickets Hours

0  
WO/Storm Hours

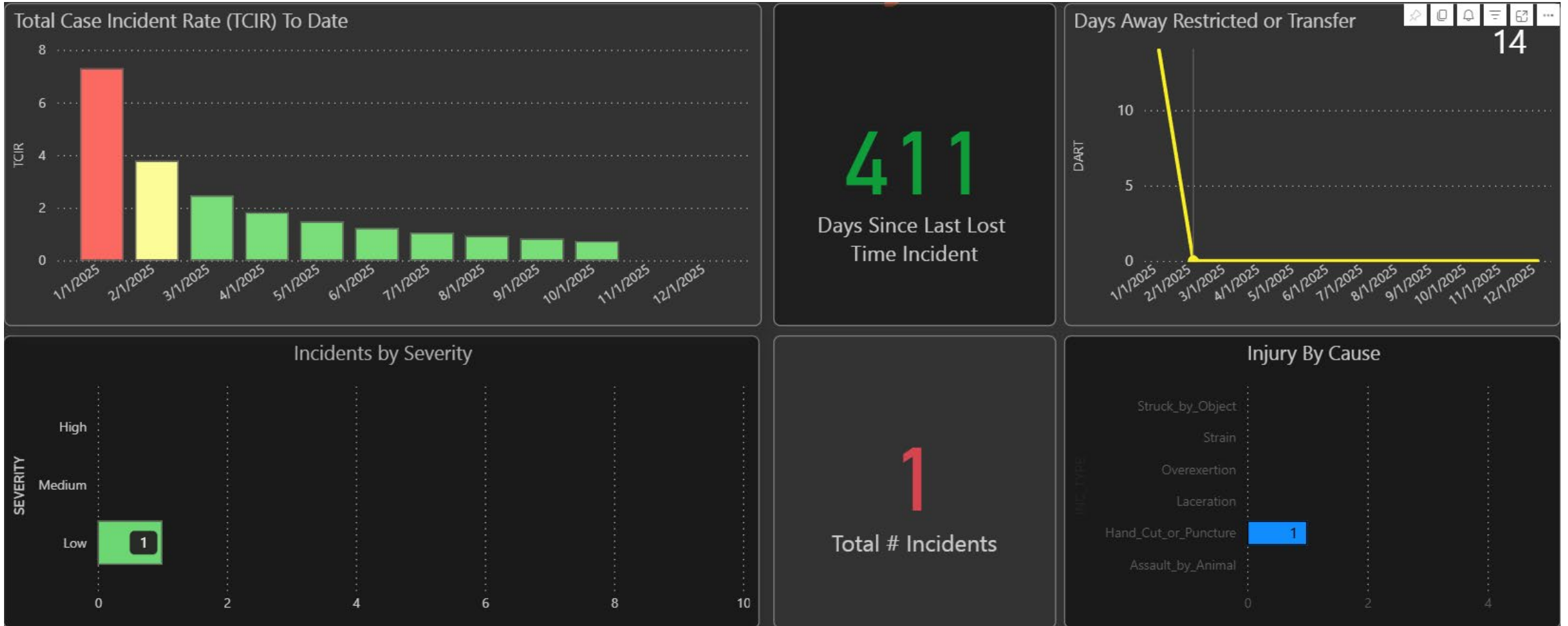
**South**

| Substation   | Feeder | Completed Miles |
|--------------|--------|-----------------|
| Corduroy     | U4     | 2.0             |
| Shawnee      | B2     | 1.5             |
| Corduroy     | U1     | 1.2             |
| Corduroy     | U2     | 0.8             |
| <b>Total</b> |        | <b>5.6</b>      |

**Climb**

| Substation           | Feeder | Completed Miles |
|----------------------|--------|-----------------|
| Bakers Corner        | T1     | 0.7             |
| Carrolls             | S3     | 0.2             |
| Carrolls             | S2     | 0.2             |
| Bakers Corner        | T4     | 0.1             |
| 20th and Ocean Beach | E4     | 0.1             |
| Pacific Way          | PW1    | 0.1             |
| 7th Ave              | H5     | 0.0             |
| West Woodland        | M2     | 0.0             |
| Pacific Way          | PW3    | 0.0             |
| <b>Total</b>         |        | <b>1.4</b>      |

# 3.3 Safety



No safety incidents in month of October

# 4. Engineering

4.1 System Metrics

4.2 Underground Primary Outages

4.3 New Service Requests

4.4 Locates

4.5 Substation Outages (exclusive of storms)

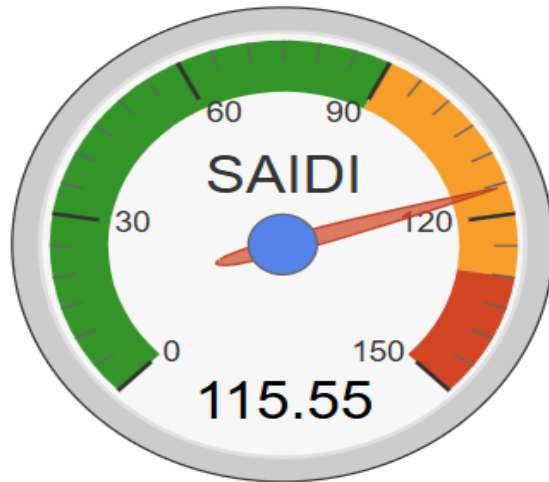
4.6 Feeder Outages and Causes (exclusive of storms)

4.7 Pictures and Hi-Lights

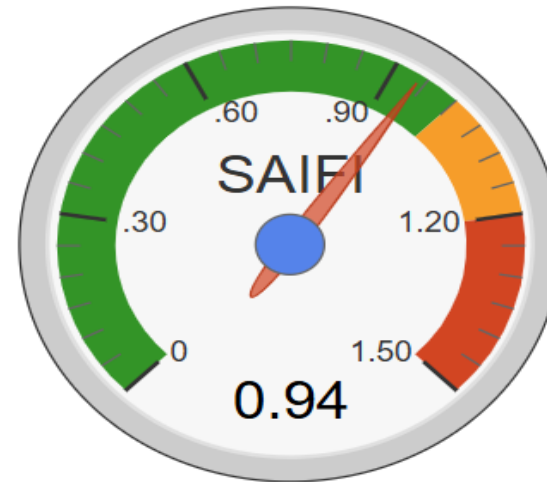
# 4.1 System Metrics

Indices (rolling 12 months)

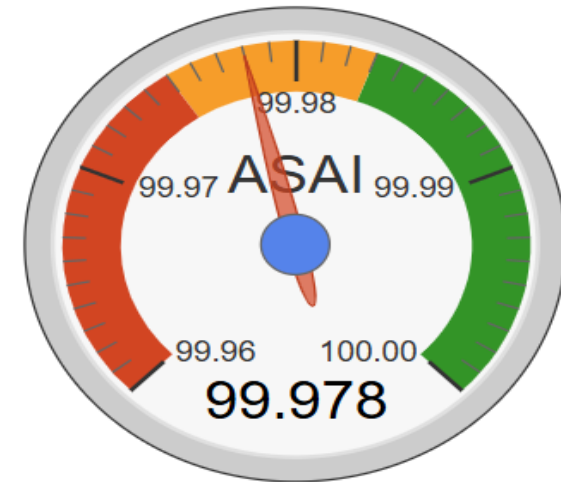
---



System Average Interruption Duration Index  
(Average Outage Duration in Minutes)



System Average Interruption Frequency Index  
(Average Customer Interruptions per year)

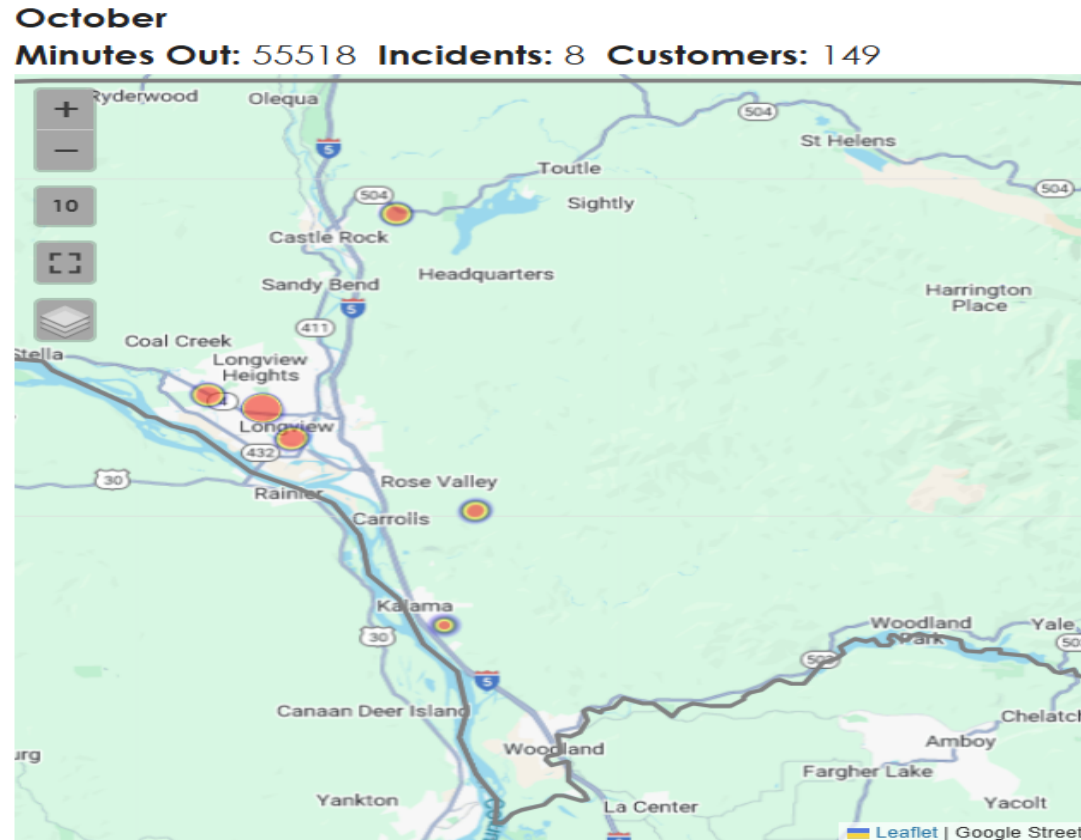


Average Service Availability Index  
(Percent of Time Average Customer has Power)

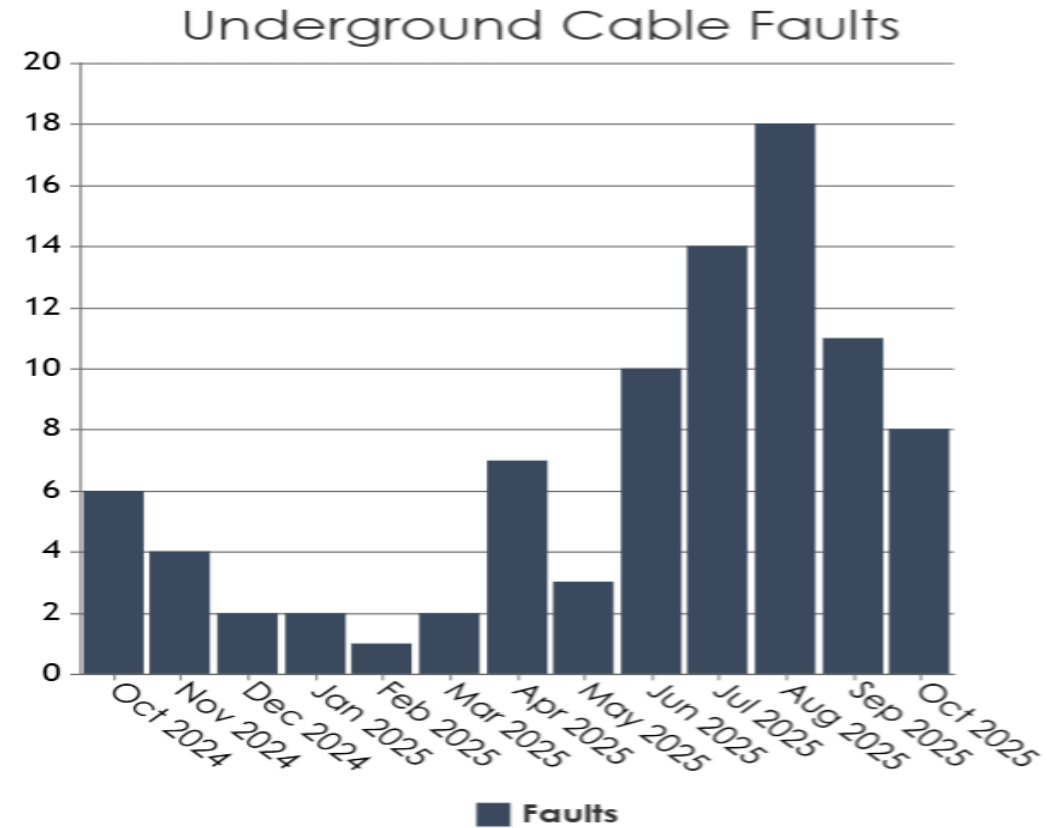
Green indicates system performing within PUD set goals. Total October customer minutes 1,060,875.  
10-year October monthly avg is 566,690, therefore, Customer Minutes are 187% of average.

# 4.2 Underground Primary Outages

## Underground Cable Faults



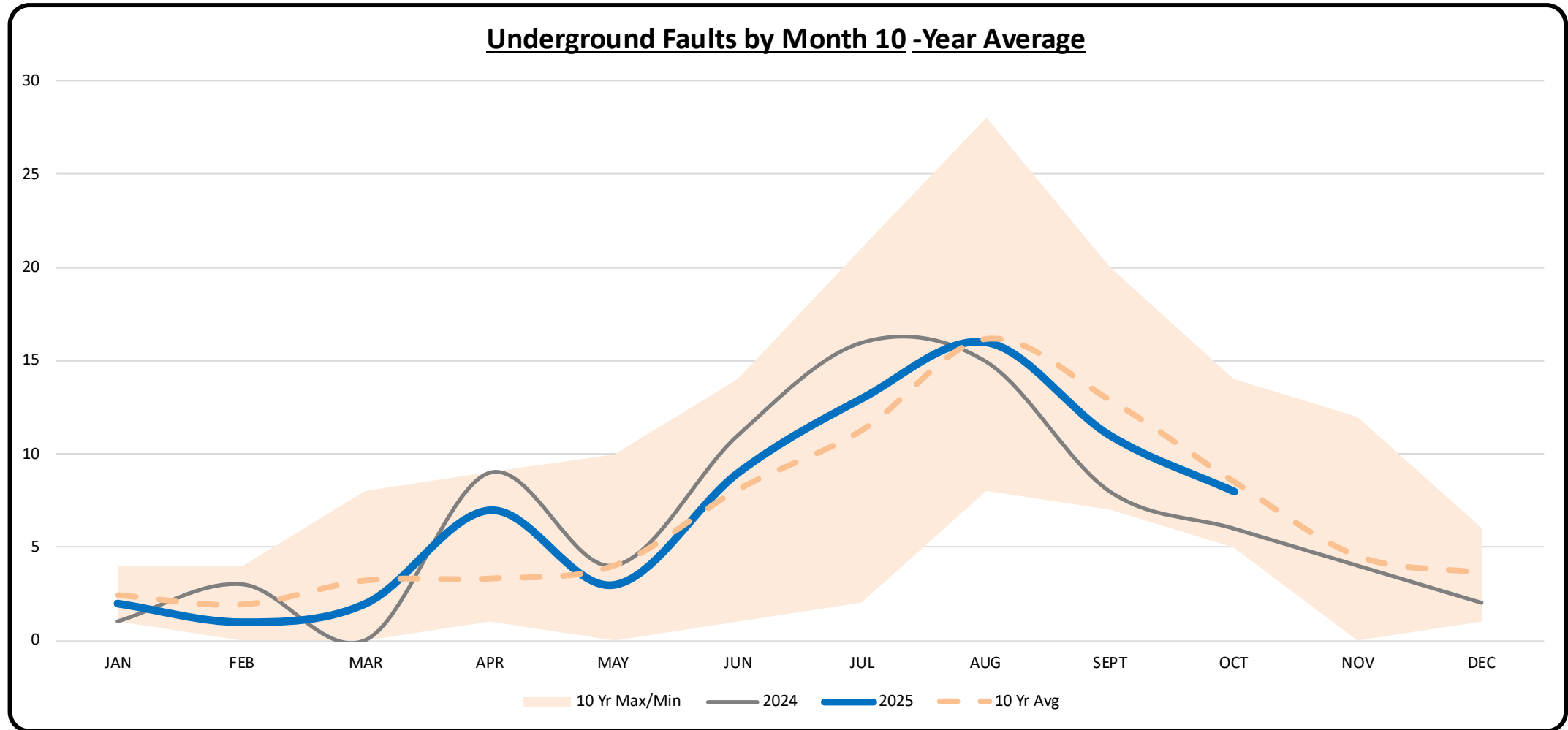
## Underground Faults (13 Months)



Cable Faults 2025 YTD: 72

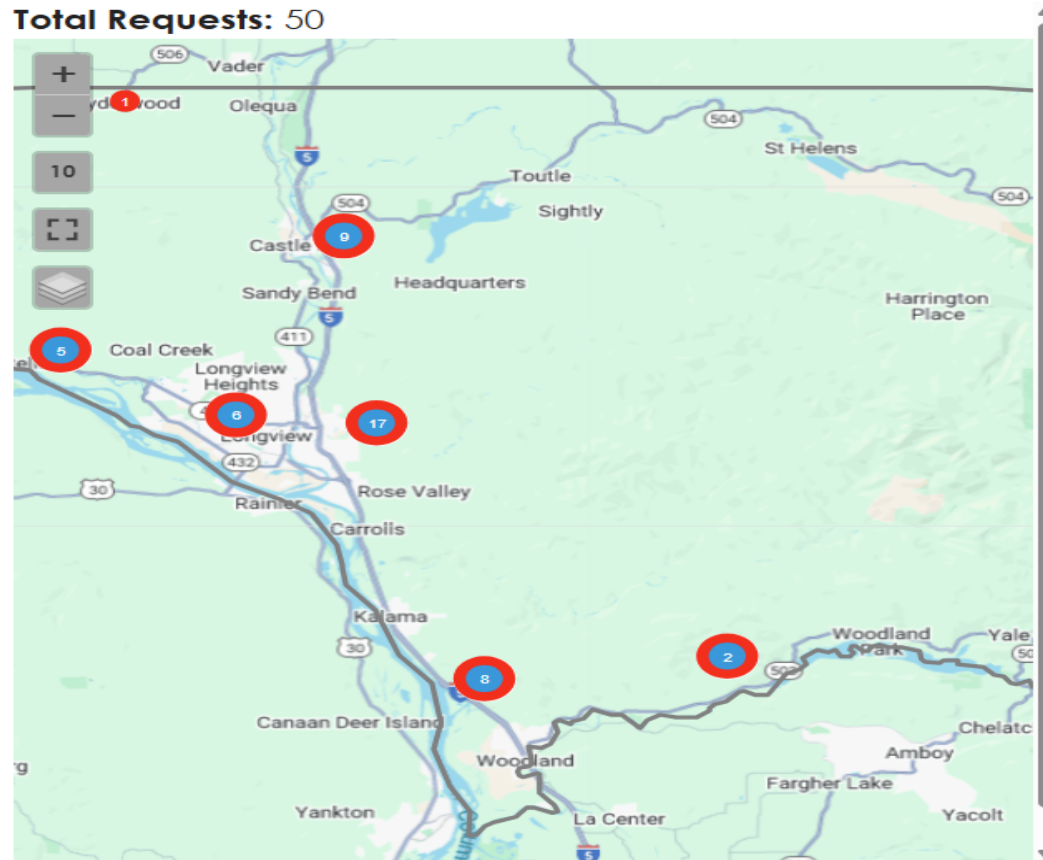
Total Faults YTD are 1% less than the previous year and the same as the 10-year average.

# 4.2.1 Underground Primary

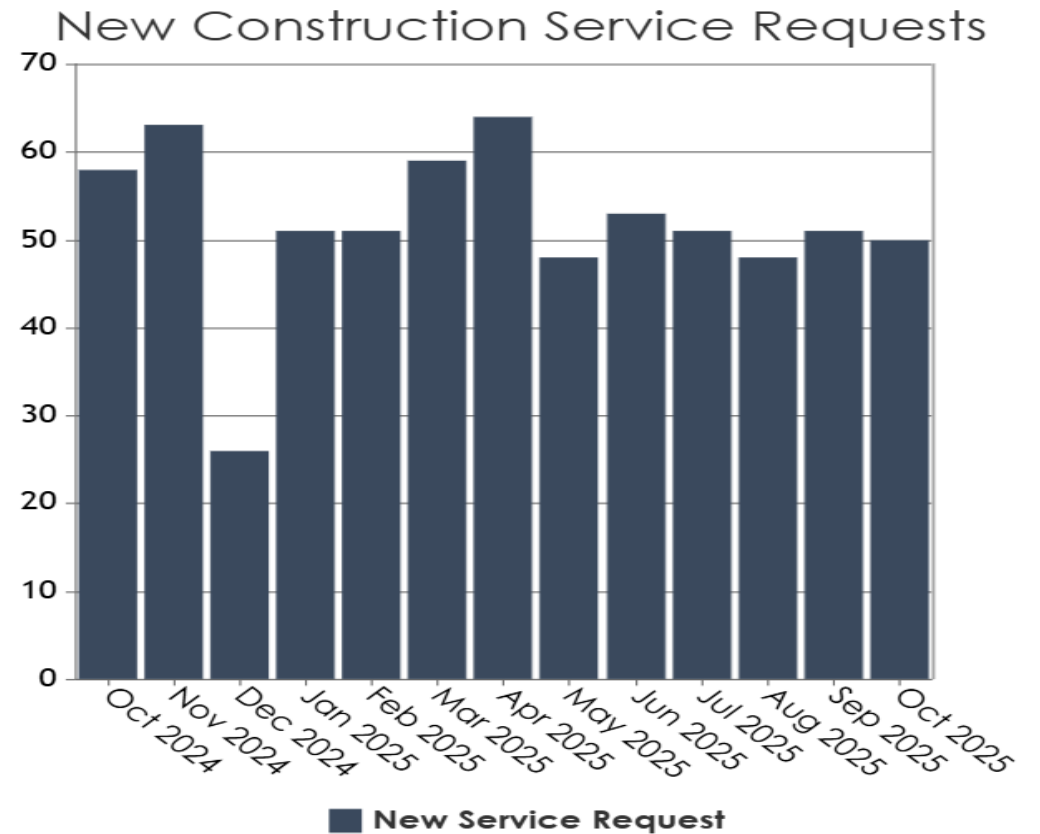


# 4.3 New Service Requests

New Service Requests



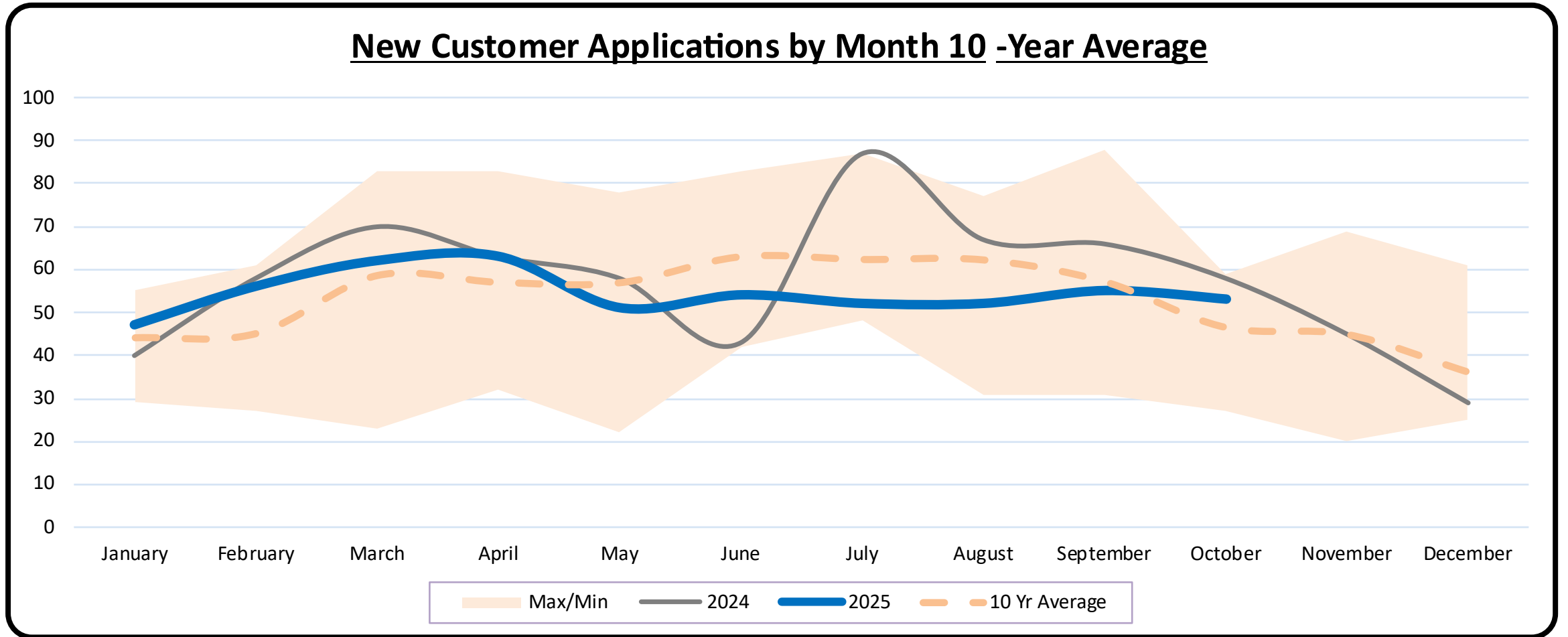
New Constructions



New Service Requests 2025 YTD: 545

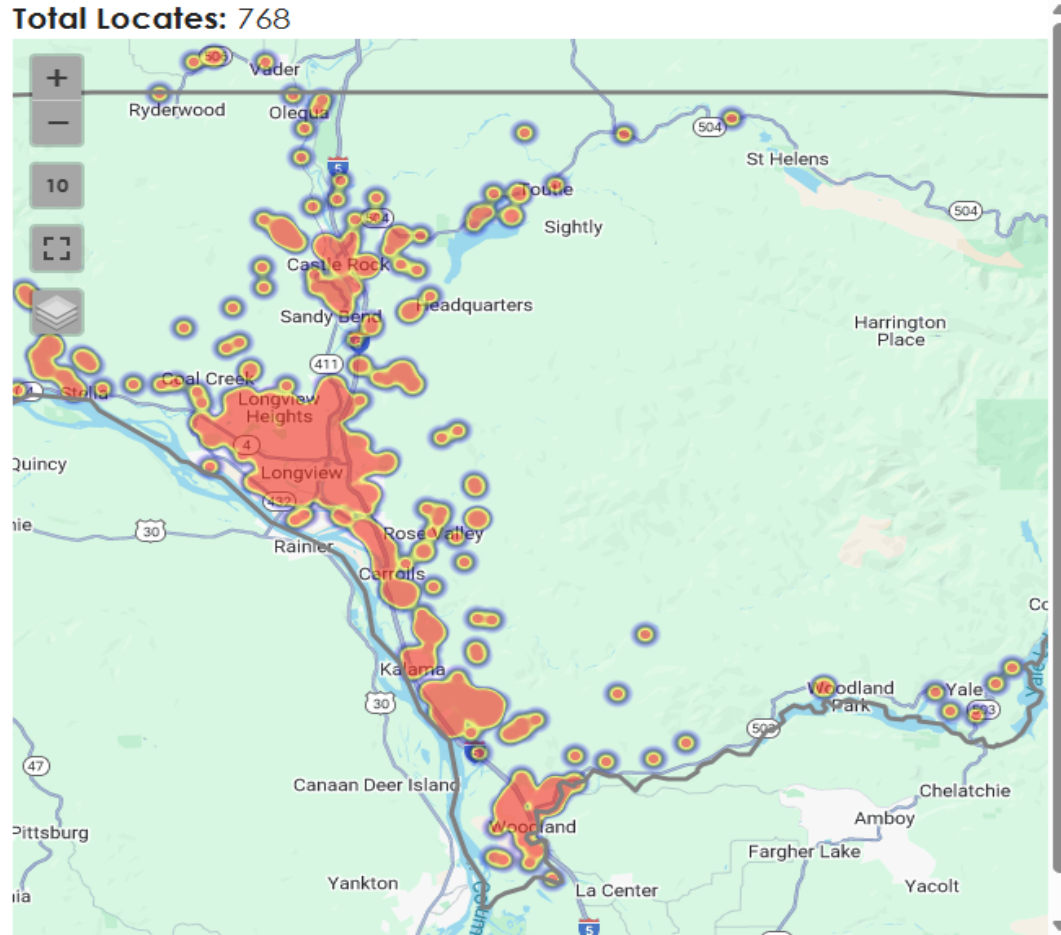
Total New Service Requests YTD are the 11% less than 2024 and 2% less than the 10-year average.

# 4.3.1 New Service Requests

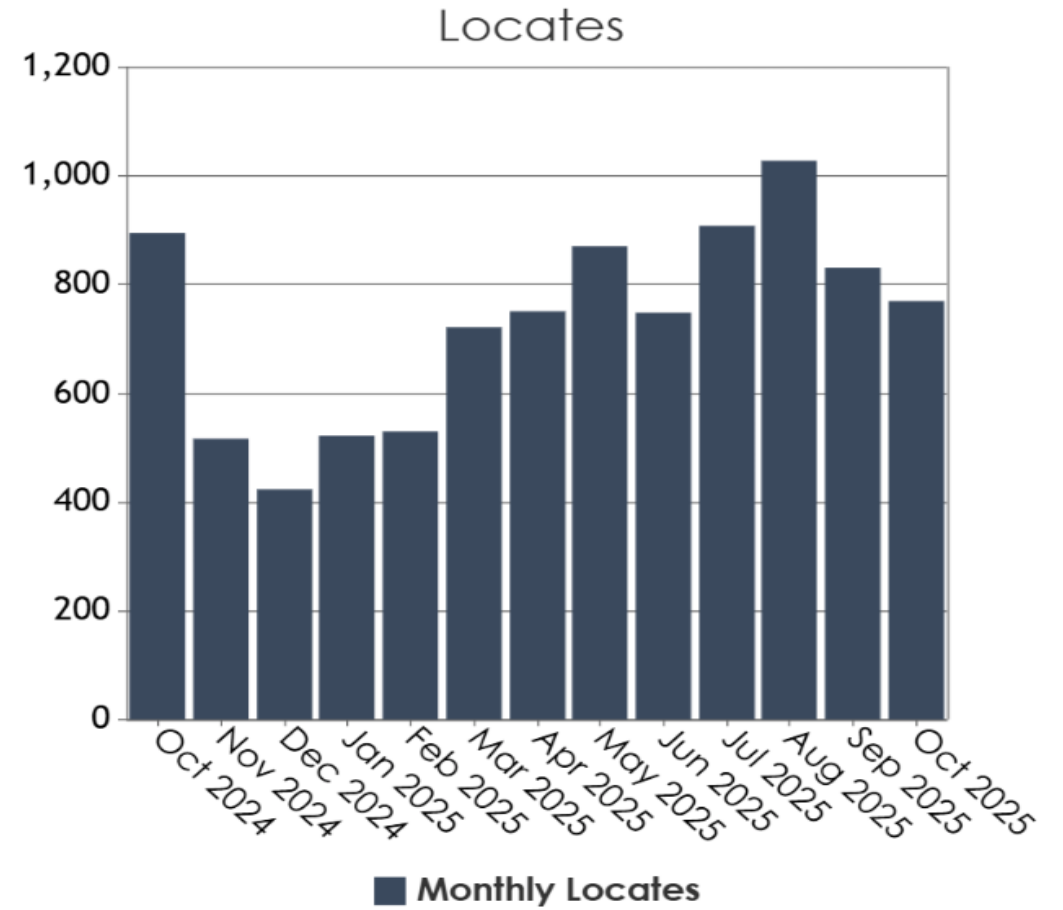


# 4.4 Locates

## Monthly Locates



## Locates

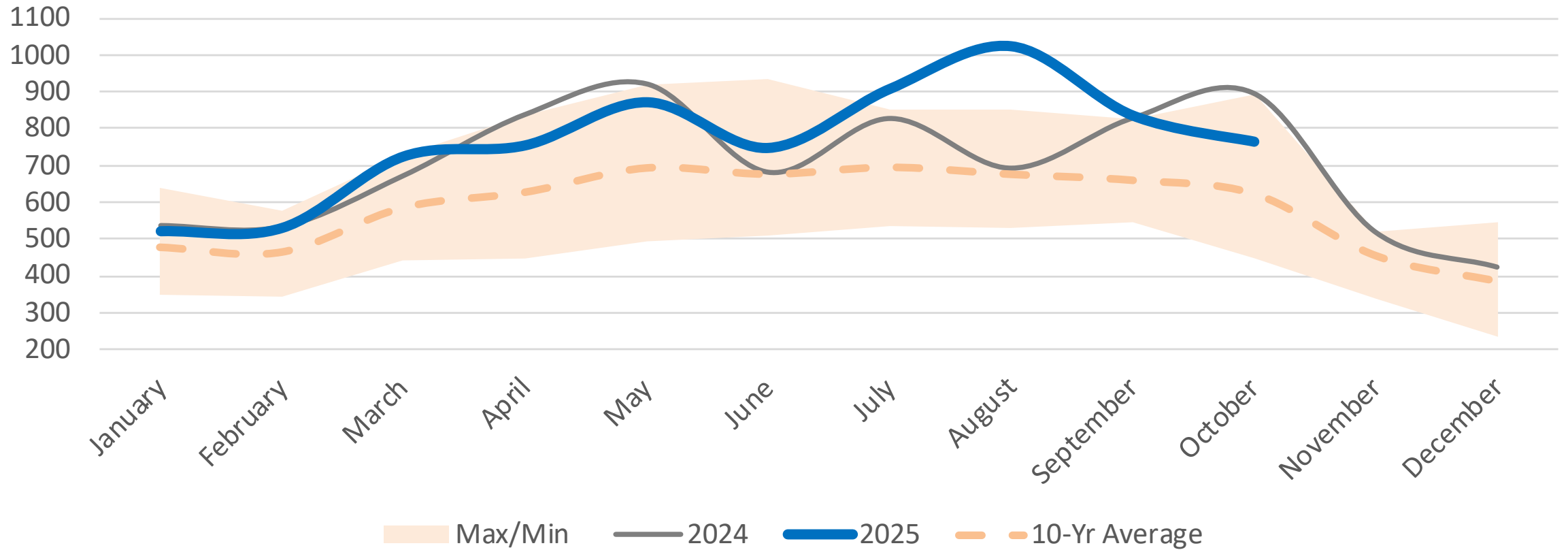


Locate Requests 2025 YTD: 7,676

Total Locate Requests YTD are 4% more than the previous year and 24% more than the 10-year average.

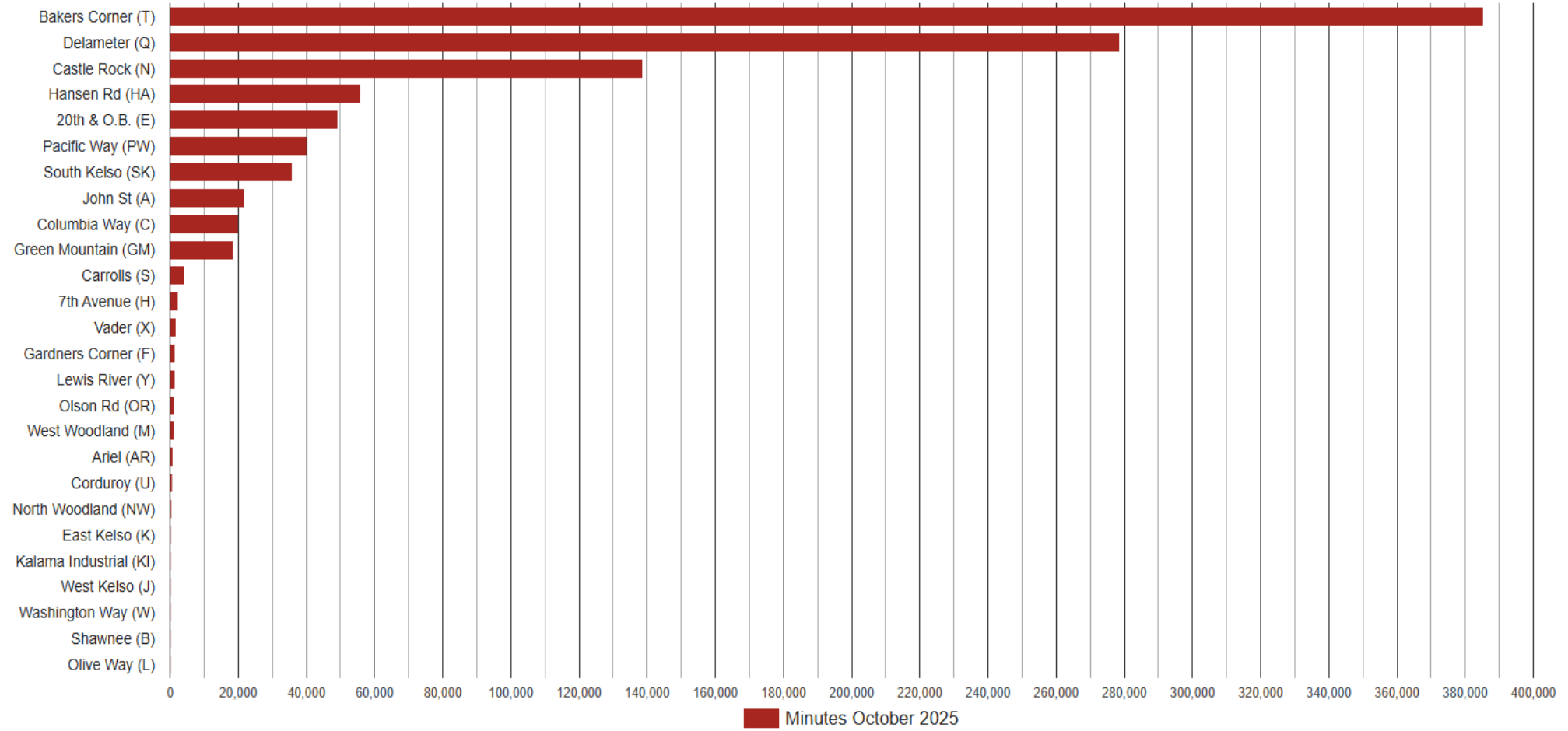
# 4.4.1 Locates

Locates by Month 10--Year Average



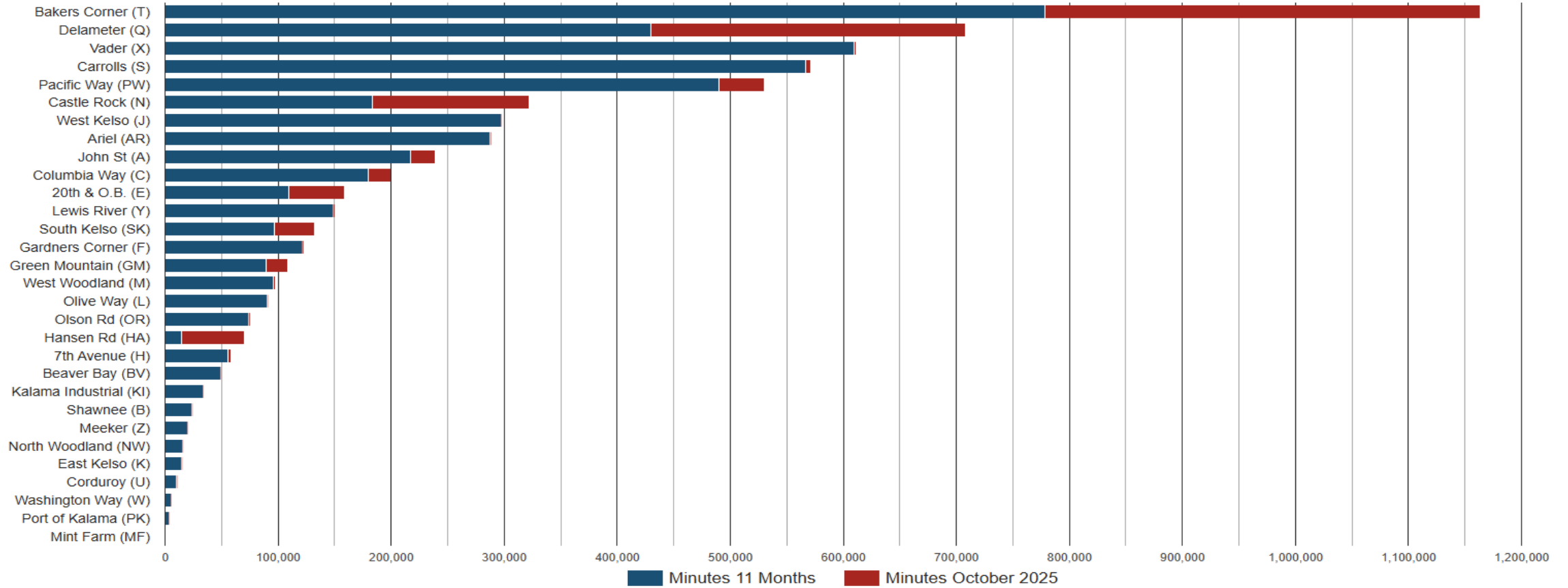
# 4.5 Substation Outages (exclusive of storms)

Minutes Out By Substation - October 2025



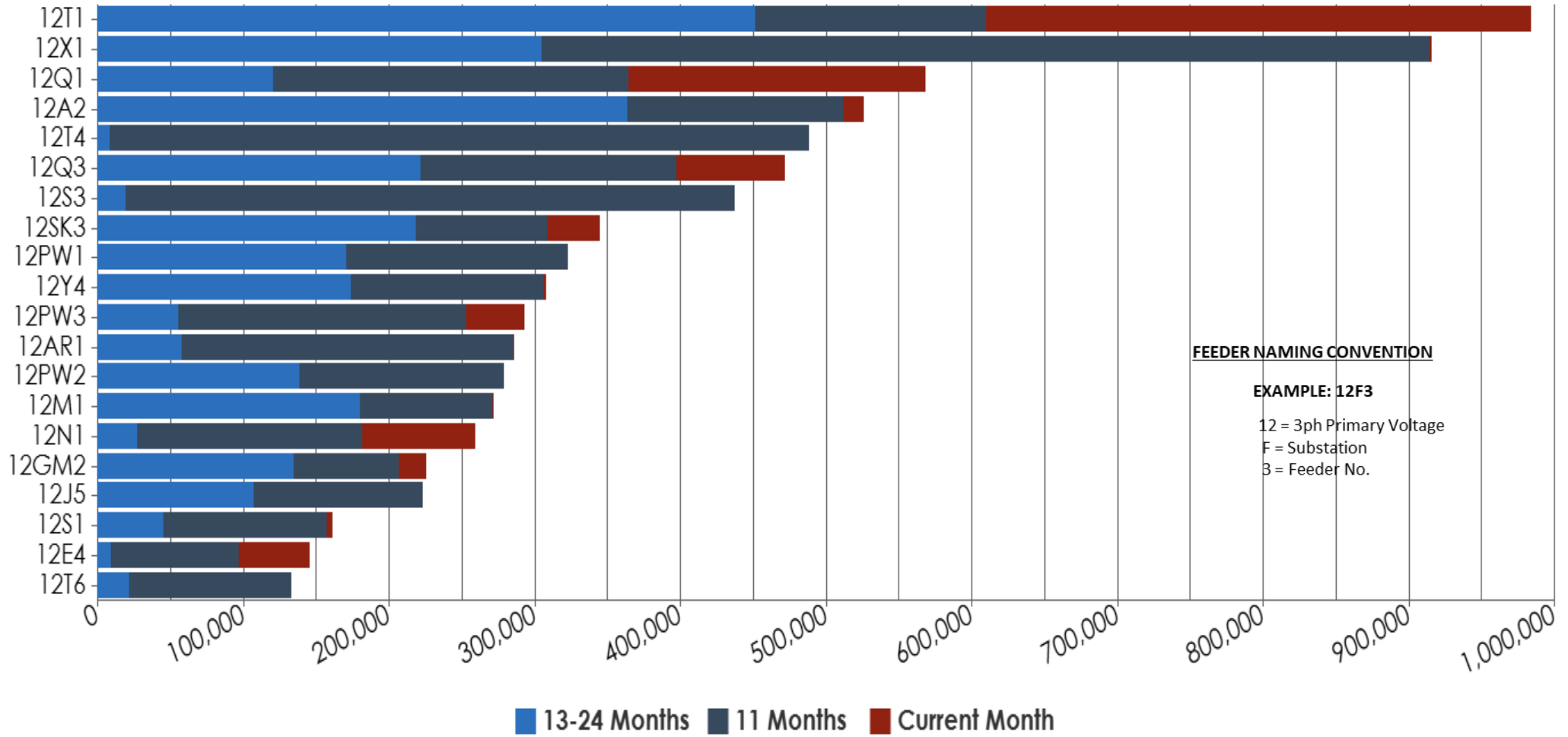
# 4.5.1 Substation Outages

Minutes Out By Substation - Rolling 12 Months



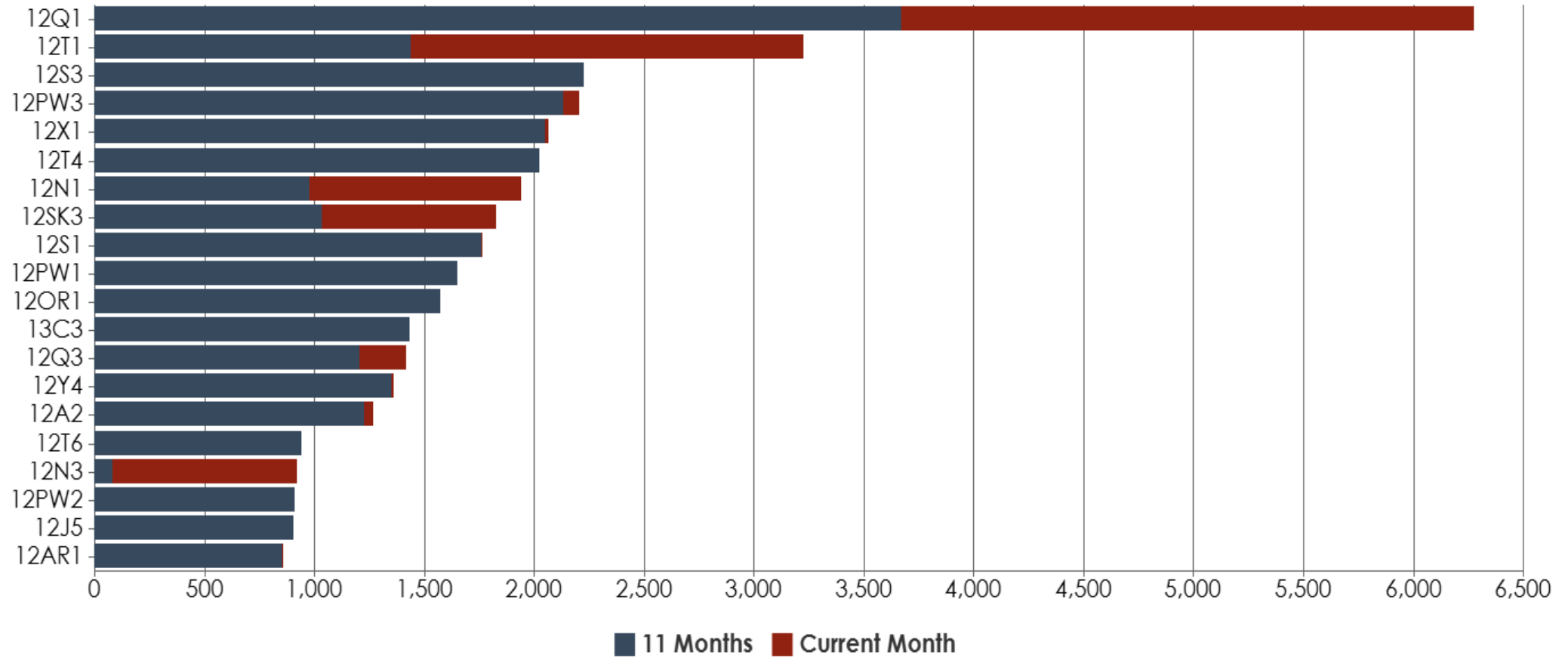
# 4.6 Feeder Outages and Causes (exclusive of storms)

## Top 20 Feeders by CMI



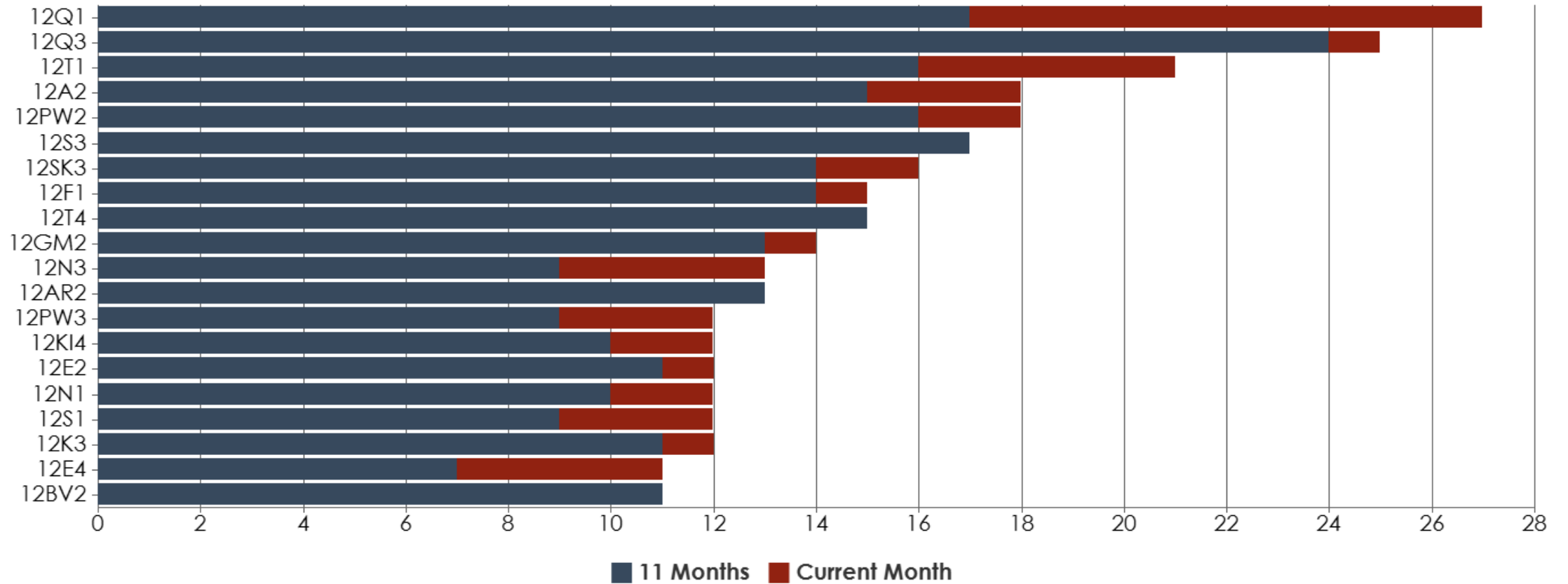
# 4.6.1 Feeder Outages and Causes

## Top 20 Feeders by Customer



# 4.6.2 Feeder Outages and Causes

## Top 20 Feeders by Incidents



# 4.7 Pictures & Hi-Lights

## Meeker Substation Rebuild Team Effort

Tyler Willimans, PE  
Project Manager  
Drawings/Schematics  
Relay Programs  
Commissioning Sheets



Chase Baierl  
T&D Line Design



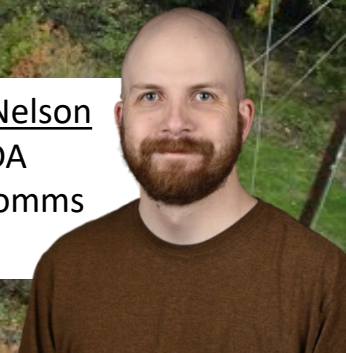
Ben Delyea  
Drone Flights



Marc Graff, PE  
Commissioning



Andrew Nelson  
SCADA  
RTU & Comms



# 5.0 Customer Service

## 5.1 Service

- Programs
- Interactions
- Service Levels

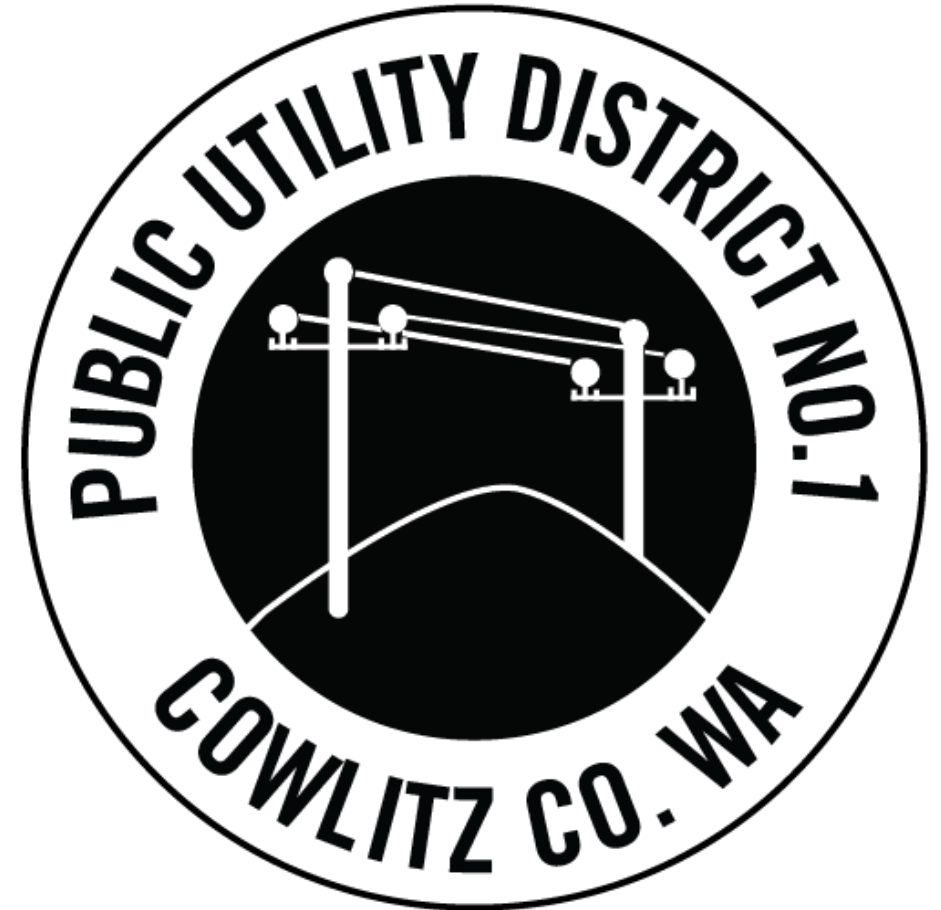
## 5.2 Accounts

- Payments
- Disconnects
- Arrearages

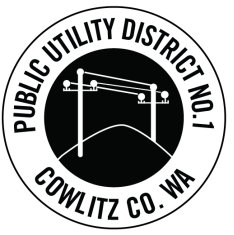
## 5.3 Assistance

- Payment Assistance
- Warm Neighbor Funding
- Outreach and Events

## 5.4 Updates

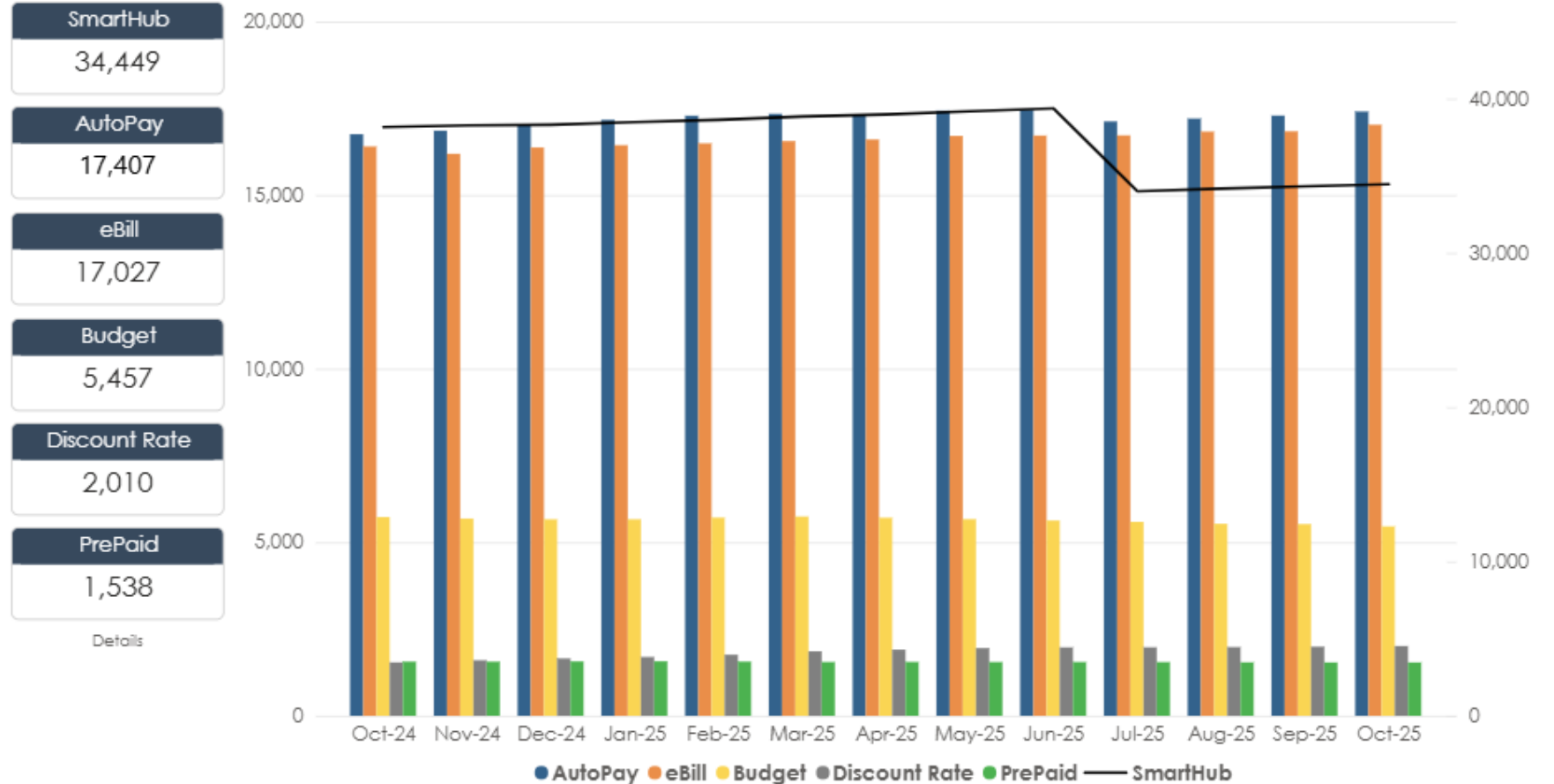


# 5.1 Service

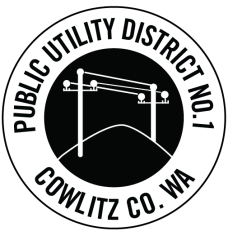


## Programs

- SmartHub users remain the largest segment at 34,449 users. The dip in June-July is attributed to a change in reporting, not actual user disengagement.
- AutoPay (17,407) and eBill (17,027) maintain strong adoption with minimal fluctuations across the year, indicating consistent customer engagement with digital billing and payment options.
- Budget (5,457) and PrePaid (1,538) programs show stable but relatively low participation compared to other services, suggesting potential areas for targeted promotion.
- Discount Rate participation (2,010) remains flat largely due to customer demographics – participants are continually leaving the program, while new customers are added, keeping overall numbers relatively consistent.

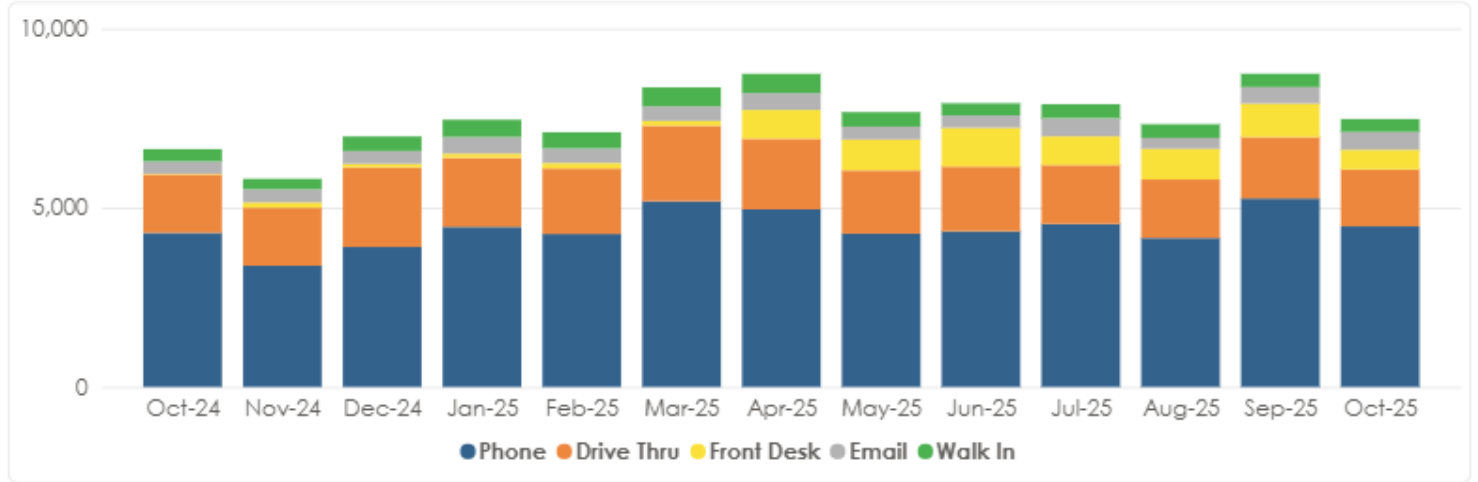


# 5.1 Service

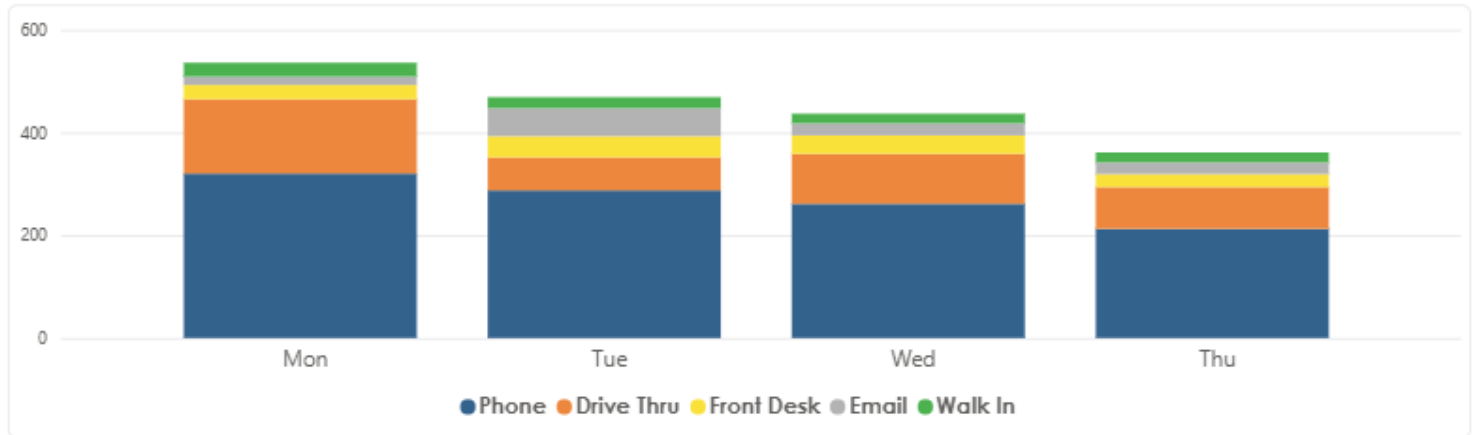


## Interactions

| Interactions |              |
|--------------|--------------|
| Total        | 7,475        |
| <b>Phone</b> | <b>4,481</b> |
| • CSR        | 4,297        |
| • Lead       | 184          |
| Drive Thru   | 1,585        |
| Front Desk   | 553          |
| Email        | 498          |
| Walk In      | 358          |

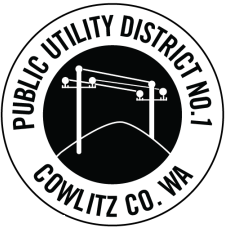


Details



- Interaction volume peaks on Monday, driven primarily by Phone and Drive-Thru activity, indicating higher customer engagement at the start of the week.
- Phone remains the primary channel with 4,481 interactions (≈60% of total), showing consistent volume across months and weekdays.
- Drive-Thru accounts for 1,585 interactions, maintaining steady usage but significantly lower than phone, indicating customer preference for remote over in-person contact.
- Walk-In (358) and Email (498) remain the least utilized channels, with negligible growth.

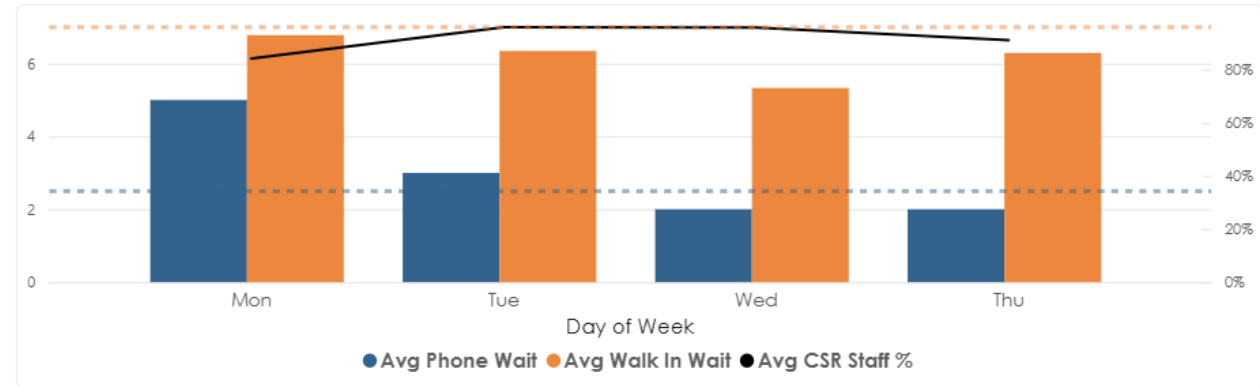
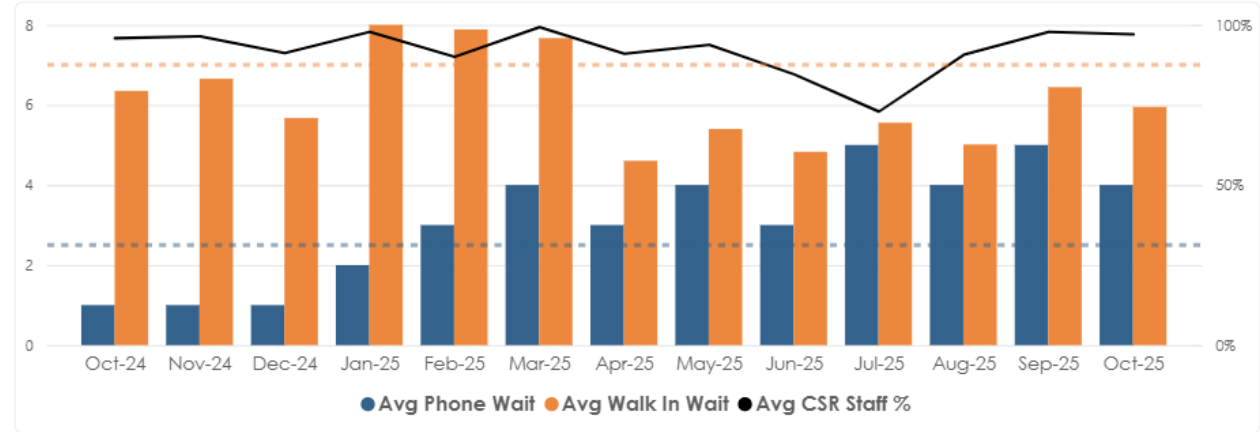
# 5.1 Service



## Service Levels

| Service Levels      |         |
|---------------------|---------|
| <b>CSR Staffing</b> | 97%     |
| <b>Walk In Wait</b> | 05:58   |
| Goal                | < 07:00 |
| <b>Phone Wait</b>   | 04:53   |
| Goal                | < 02:30 |
| <b>Abandoned</b>    | 16%     |
| Goal                | < 10%   |

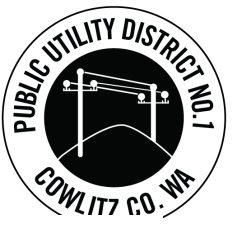
Details



- This slide has been updated to include walk-in data, staffing metrics, and service levels by day of the week, providing a more comprehensive view of operational performance and customer behavior.
- Previous vacancies in Customer Service Representative (CSR) positions have now been filled, bringing staffing levels to 97%.
- This improvement is expected to reduce both phone wait times (currently averaging 4:53 vs. goal of 2:30) and walk-in wait times (currently 5:58 vs. goal of 7:00).
- Once training is complete, we expect to enhance our ability to better manage peak demand periods—especially Mondays—while delivering an improved overall customer experience.



# 5.2 Account



## Payments

- A total of 54,686 transactions processed, with the majority handled through system processing rather than CSR processing.
- About 80% of transactions are system-processed (AutoPay, SmartHub, Web), led by AutoPay (15,934) and SmartHub (14,475), indicating strong digital adoption.
- CSR-processed transactions average 10K monthly, primarily through Mail/Drop Box (6,167) and CSR/Walk-In (3,220), showing continued reliance on traditional channels.

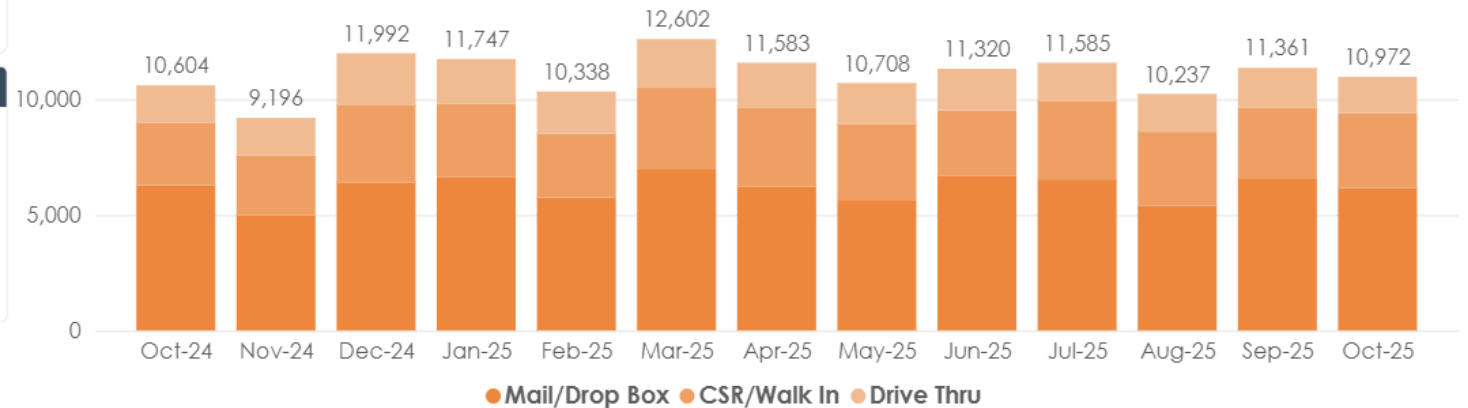
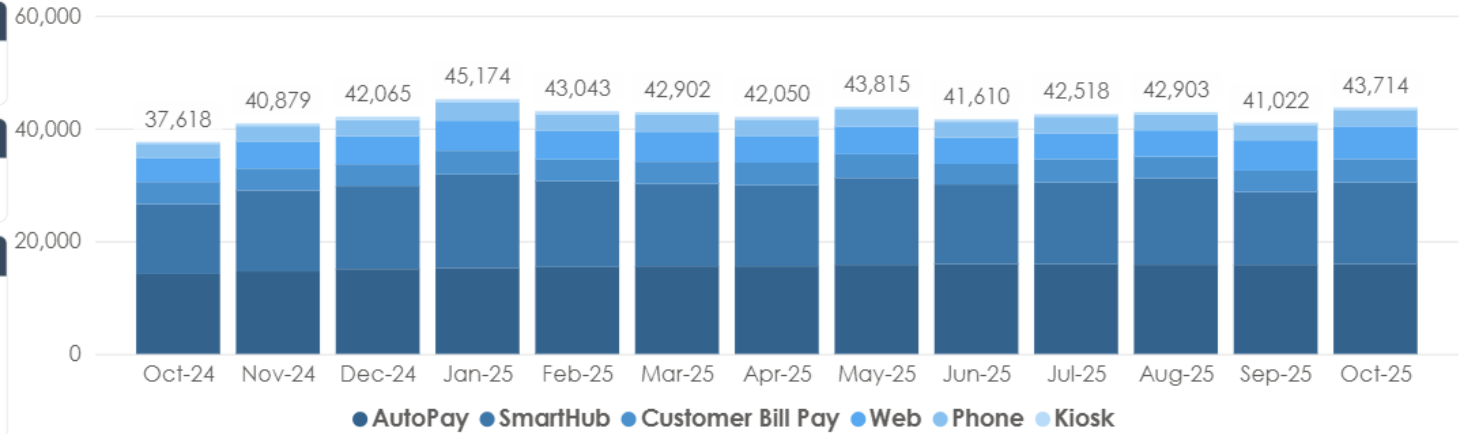
| Total Transactions | 60,000 |
|--------------------|--------|
| 54,686             |        |

| Total Dollars | 40,000 |
|---------------|--------|
| \$21,566,921  |        |

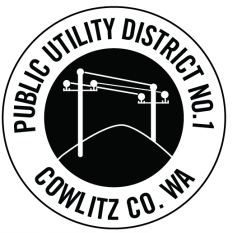
| System Processed         |        |
|--------------------------|--------|
| <b>Total</b>             | 43,714 |
| <b>AutoPay</b>           | 15,934 |
| <b>Smart Hub</b>         | 14,475 |
| <b>Customer Bill Pay</b> | 4,154  |
| <b>Web</b>               | 5,817  |
| <b>Phone</b>             | 2,897  |
| <b>Kiosk</b>             | 437    |

| CSR Processed        |        |
|----------------------|--------|
| <b>Total</b>         | 10,972 |
| <b>Mail/Drop Box</b> | 6,167  |
| <b>CSR/Walk In</b>   | 3,220  |
| <b>Drive Thru</b>    | 1,585  |

Details



# 5.2 Account



## Disconnects

- Customer behavior continues to evolve, with many now utilizing the ability to pay and restore service almost immediately.
- Among customers with remote meters, the average disconnect duration was 1.3 hours.
- A total of 879 accounts were disconnected (1.6%), with most due to non-payment (854). The disconnect trend line shows slight fluctuations but no major spikes.

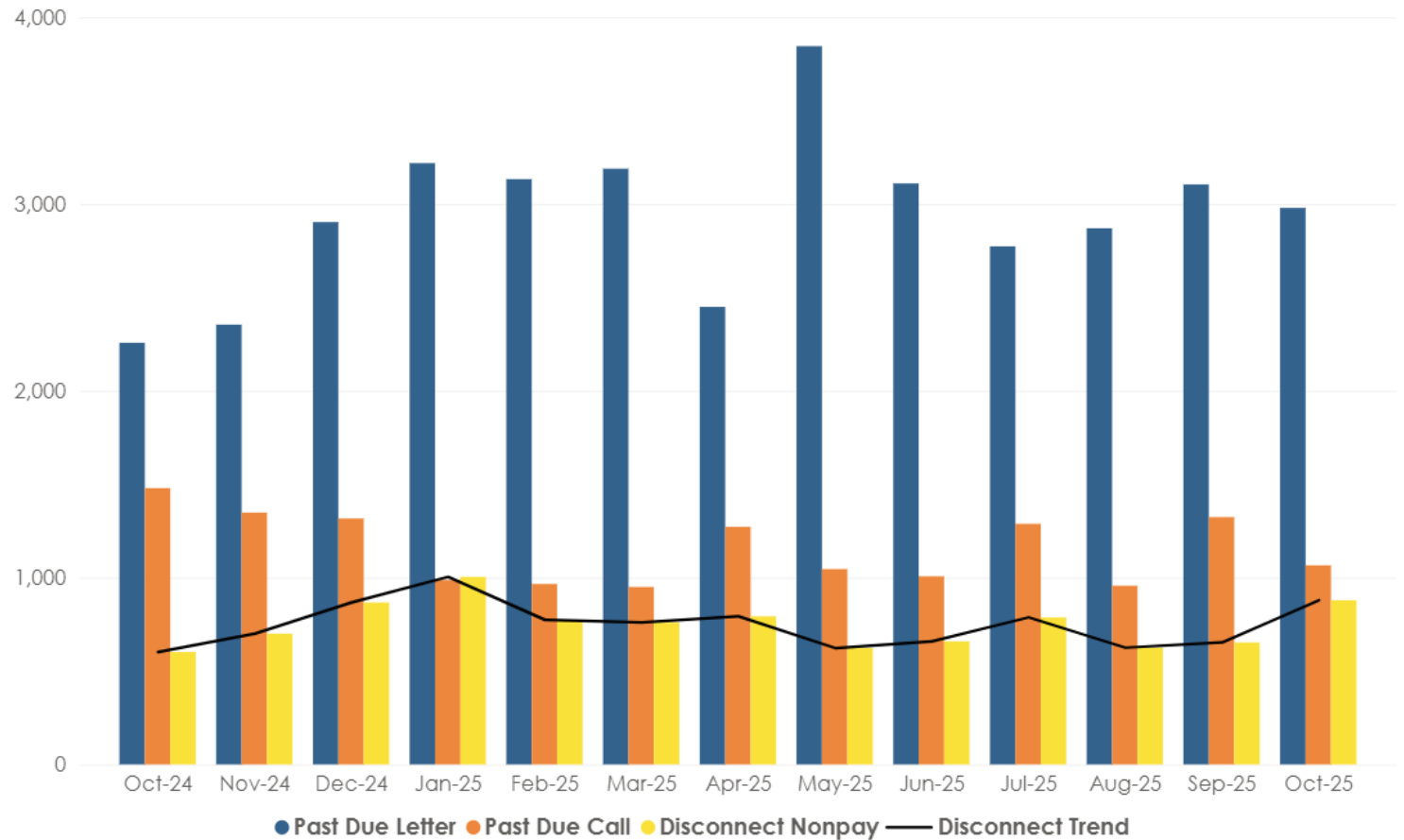
| Past Due Letters |       |
|------------------|-------|
|                  | 2,979 |

| Past Due Calls |       |
|----------------|-------|
|                | 1,066 |

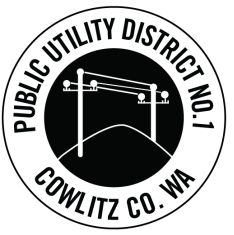
| Disconnects        |        |
|--------------------|--------|
|                    | 879    |
| <b>Accounts</b>    | 1.65 % |
| <b>Nonpay</b>      | 854    |
| <b>Broken Arrg</b> | 25     |
| <b>PrePaid</b>     | 415    |
| <b>Traditional</b> | 464    |
| <b>Remote</b>      | 876    |
| <b>Manual</b>      | 3      |

| Durations         |          |
|-------------------|----------|
| <b>Remote Avg</b> | 1.31 hrs |
| <b>Manual Avg</b> | 1.3 hrs  |

Details



# 5.2 Account



## Arrearages

- Total arrearages reached \$548,761, with most balances falling in the 30-day category, indicating short-term delinquency, rather than long-term nonpayment.
- Regular accounts consistently represent over 90% of past due balances, while Budget and PrePaid remain minor contributors.
- Both past due balances and account counts show an upward trend in Oct-25, signaling potential early seasonal pressure heading into winter.

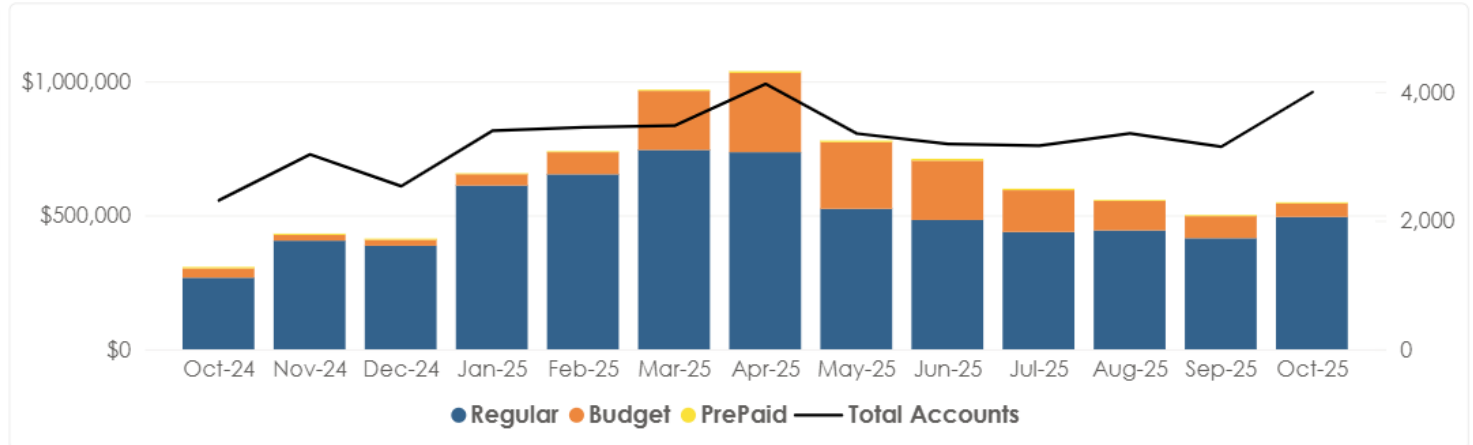
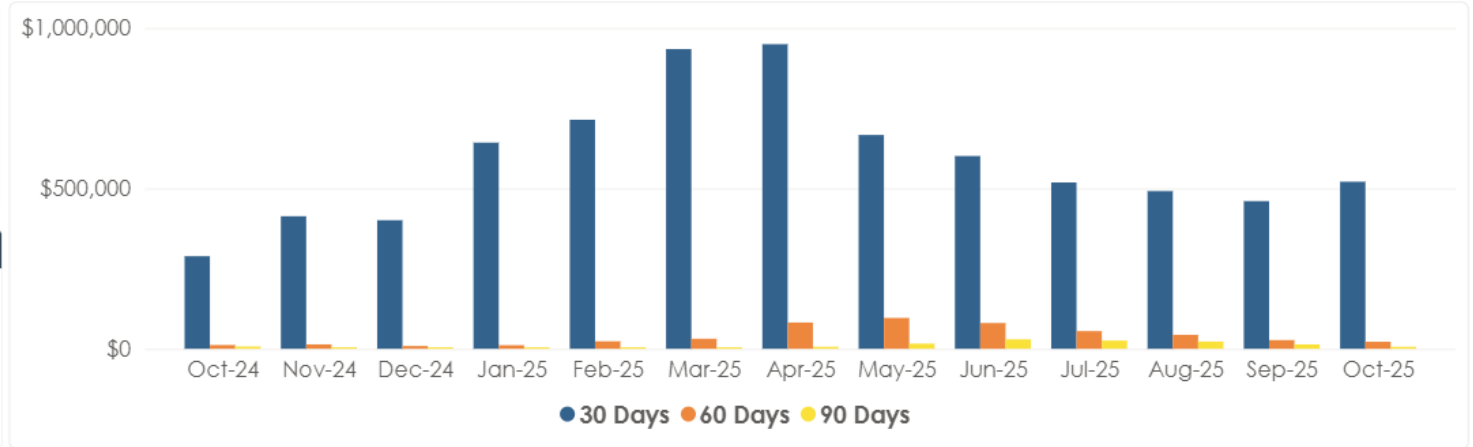
| Total Past Due |           |
|----------------|-----------|
|                | \$548,761 |
| <b>30-Days</b> | \$520,863 |
| <b>60-Days</b> | \$21,787  |
| <b>90-Days</b> | \$6,112   |

| Total Accounts |       |
|----------------|-------|
|                | 4,454 |
| <b>30-Days</b> | 4,125 |
| <b>60-Days</b> | 267   |
| <b>90-Days</b> | 62    |

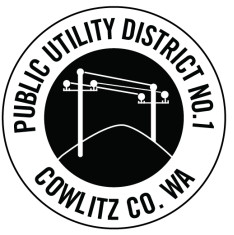
| Account Types  |           |
|----------------|-----------|
| <b>Regular</b> | \$493,781 |
| <b>PrePaid</b> | \$4,452   |
| <b>Budget</b>  | \$50,528  |

| Account Class      |           |
|--------------------|-----------|
| <b>Residential</b> | \$458,152 |
| <b>Business</b>    | \$90,609  |

Details



# 5.3 Assistance

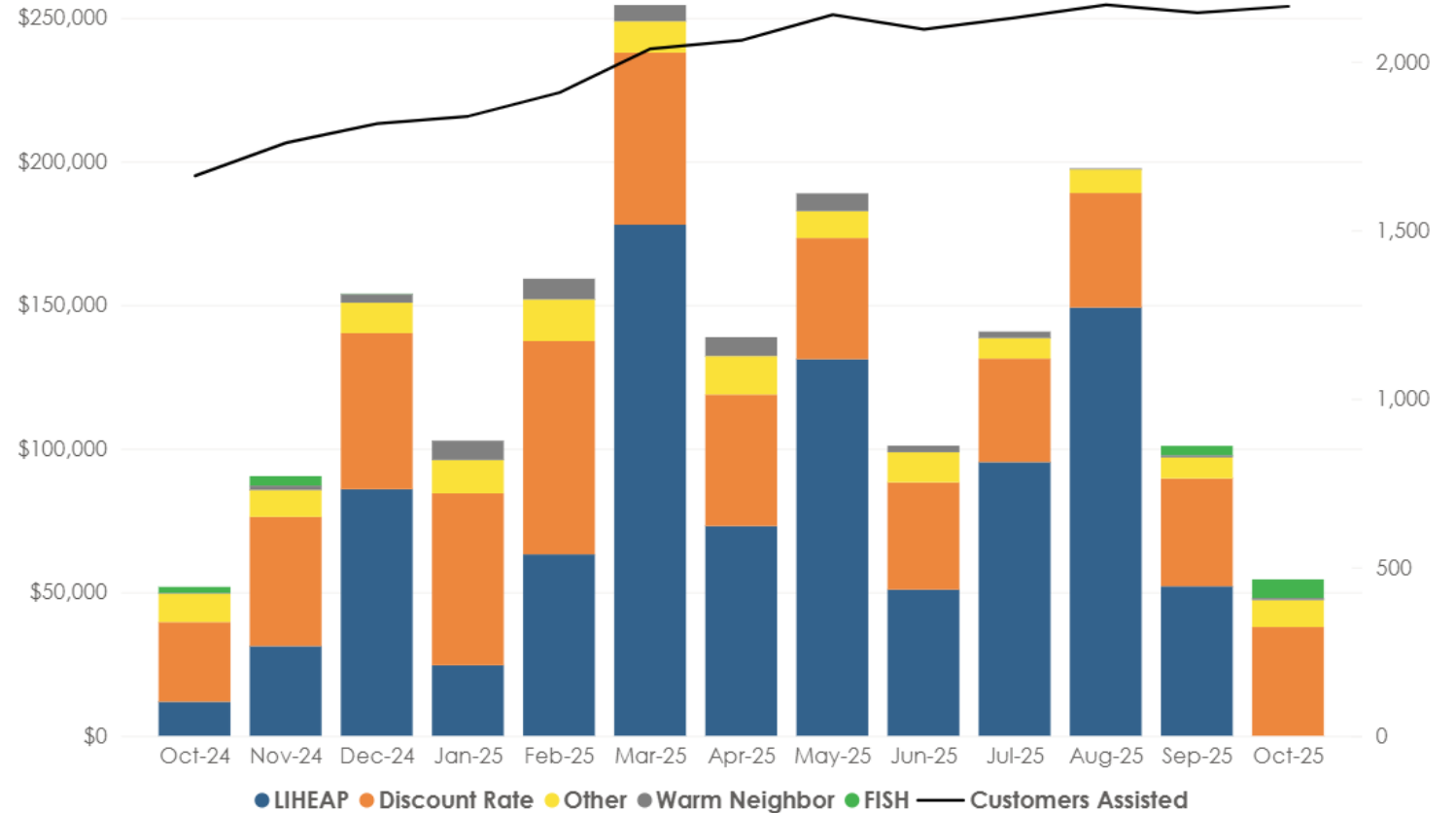


## Payment Assistance

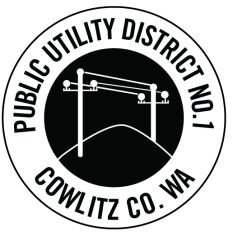
- A total of 2,164 customers received \$54,447 in assistance, reflecting steady support despite seasonal program changes.
- FISH provided \$6,483, helping offset the gap left by LIHEAP while it is closed for the season.
- Other programs contributed \$9,402, while Warm Neighbor added \$701, showing modest but consistent supplemental support.

|                    |          |
|--------------------|----------|
| Customers Assisted | 2,164    |
| Total Assistance   | \$54,447 |
| LIHEAP             | \$0      |
| Discount Rate      | \$37,862 |
| Other              | \$9,402  |
| Warm Neighbor      | \$701    |
| FISH               | \$6,483  |

Details

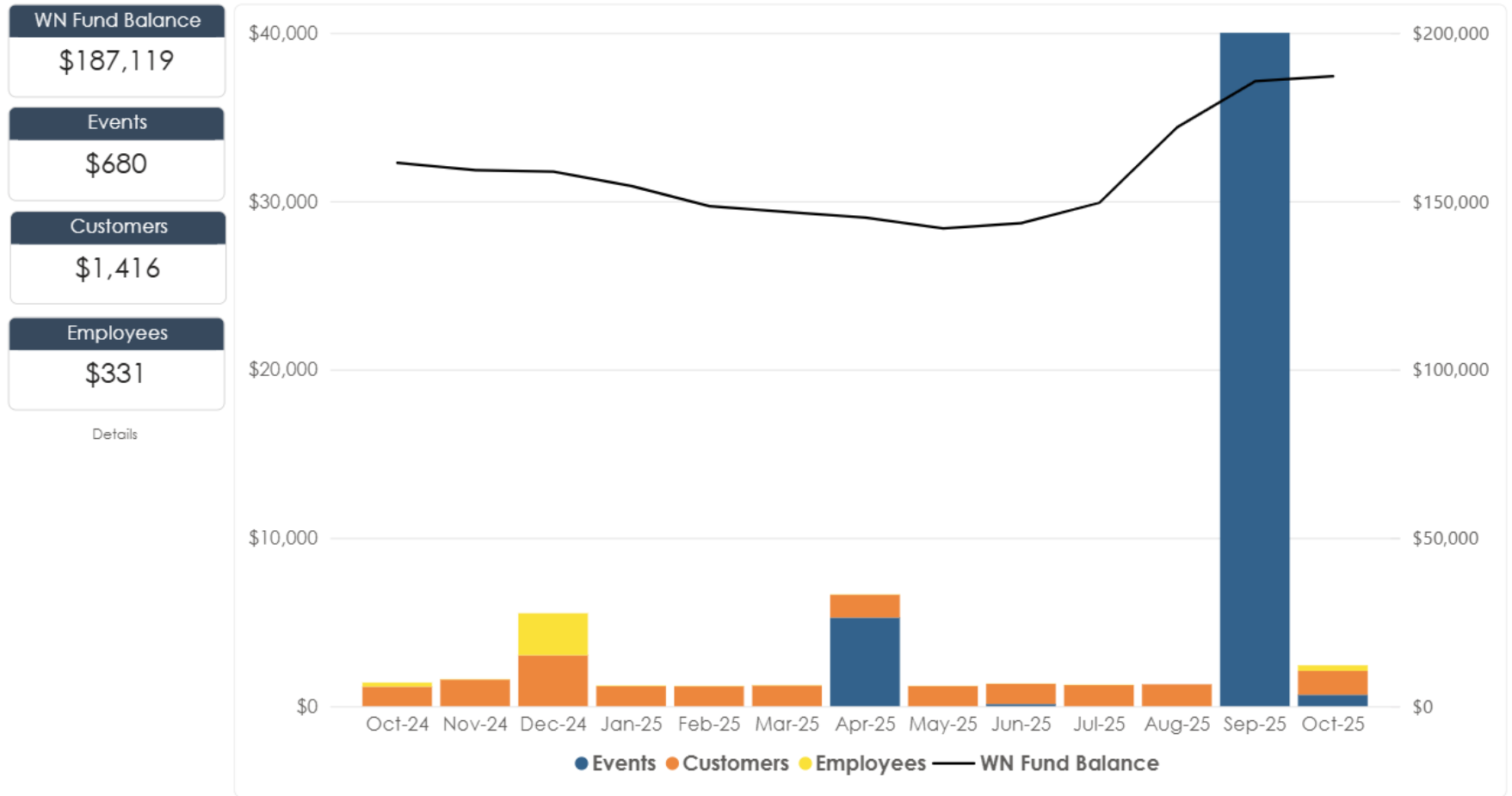


# 5.3 Assistance



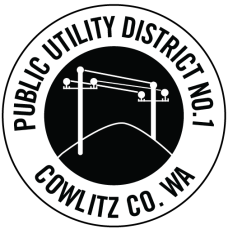
## Warm Neighbor Funding

- The WN Fund Balance stands at \$187,119, after the successful Weekend for Warm Neighbor event held in September.
- Customer contributions totaled \$1,416, continuing steady support for the program,
- Employee contributions added \$331, showing ongoing participation from staff.
- Expect to see an increase with the upcoming events in December.



# 5.4 Updates

## News and Events



### **Campaigns**

Throughout November and December, we will run targeted campaigns to promote our Warm Neighbor assistance program and encourage use of our online application. These efforts aim to support customers during high bill months by making financial assistance more accessible.

We will also launch a donation campaign to inspire customer contributions and help neighbors in need.

These campaigns will be featured in our Connected Newsletter, as well as promoted through social media and radio, ensuring a broad community outreach and engagement.

### **Payment Options**

Using an OT-created dashboard, Customer Service discovered that the Castle Rock and Woodland kiosks were seeing a decline in use, serving only about 138 regular customers at an annual cost of nearly \$13,000. To better use District funds, these kiosks will be removed on December 22, 2025.

In their place, we have implemented VanillaDirect, which allows customers to make cash payments for a small \$1.50 fee at convenient locations like Walgreens, Fred Meyer, Dollar Tree, and Dollar General, providing flexibility while keeping District costs low.

### **Funding Events**

Lights in the Park will be held December 12<sup>th</sup> thru December 24<sup>th</sup>. This event continues to successfully raise funds in support of the Warm Neighbor Program, helping local families with their electric bills.

# 6. Employee Services

6.1 Personnel Status

6.2 Current Employee Recruitments

6.3 Career Fair – Public and Student Outreach

# 6.1 Personnel Status

## Current Employee Count:

- 176 full-time employees
- 2 part-time employee

## New Hires:

- Michael Mestek, our new NERC Certified Dispatcher started on November 17, 2025.

## 6.2 Current Employee Recruitments

### External Recruitments:

- We are currently recruiting to fill the following position:
  - **Warehouse Helper** – we are currently recruiting to backfill an open position in the Warehouse. This position was open through September 28, 2025. We are currently in the process of interviewing and hope to have someone on board by mid-December.
  - **Utility Contracts Coordinator** – this is a budgeted position and is for succession planning purposes. This position was posted through November 23, 2025 and we will be reviewing applications with the hopes to hire by the end of the year.

## 6.3 Career Fair – Public and Student Outreach

Outreach Events Coming up for 2026:

- Castle Rock Career Fair – 4/21/2026
  - This event is tentatively scheduled to take place on April 21, 2026 in the Castle Rock High School parking lot.

## 6.3 Career Fair – Public and Student Outreach

### Outreach Events Completed for 2025:

- **Kelso/Longview Chamber of Commerce Cowlitz Career Exploration – 10/23/2025**
  - This event took place at Lower Columbia College in the Myklebust Gymnasium & Fitness Center and showcased about 20 different businesses throughout Cowlitz County. This event is targeted to Junior and Senior students in Cowlitz and Wahkiakum counties and we had about 500 students attend.
- **Kelso High School Career Fair – 11/4/2025**
  - This event took place at Kelso High School and had high school juniors and seniors along with Kelso middle school students and Kalama High School in attendance.
- **Cowlitz PUD ½ Day Job Shadow – 11/5/2025**
  - Cowlitz PUD hosted our half day job shadow with 106 local Cowlitz and Wahkiakum Junior and Senior high school students. We had short workshops with Cowlitz PUD staff leading the way to introduce students to the different career options we have at the District.

## 6.3 Career Fair – Public and Student Outreach

### Outreach Events Completed for 2025:

- **Longview High School College & Career Fair Day – 2/27/2025**
  - RA Long and Mark Morris High Schools will be hosting a one-day college and career fair for their students.
    - RA Long will run from 8:30-10:30am
    - Mark Morris will run from 12:30pm – 2:00pm
    - These two career fairs were targeted at Junior and Senior level students to learn about the careers that Cowlitz PUD offers. Cowlitz discussed different job opportunities with the students and the education needs for the careers they were interested in.
- **Carrols Elementary School – Career Week – 3/6/2025**
  - Cowlitz PUD attended the Carrols Elementary school career week and presented to 29, 4<sup>th</sup> and 5<sup>th</sup> grade students. During this time, we played a match game where we discussed different careers at Cowlitz PUD and what people in those careers do each day.
- **Kalama High School Career Fair – 3/25/2025**
  - This event took place on March 25<sup>th</sup> at Kalama High School. We spoke with over 500 students, grades 6<sup>th</sup> to 12<sup>th</sup> grade and gave them information on what a PUD is and the varied careers at a Public Utility.
- **WSU Vancouver Engineering and Technology Career Fair – 3/26/2025**
  - This event took place on March 26<sup>th</sup> at WSU Vancouver. We promoted our two open Transmission & Distribution internships and the current open positions we have. We educated students on Public Utilities and the different careers offered.

## 6.3 Career Fair – Public and Student Outreach

### Outreach Events Completed for 2025:

- **Woodland High School Career Fair – 4/18/2025**
  - This event will take place on April 18, 2025 in the Woodland High School gym.
  - We talked with over 150 students about what a PUD does and the importance of Public Power along with the different types of positions that we have in the Utility industry.
- **Castle Rock High School Skilled Trades Fair – April 22, 2025**
  - This event will take place on April 22, 2025 in the Castle Rock High School parking lot.
  - Cowlitz PUD brought our Safety Trailer and completed two different demonstrations with students along with showing students how to tie in insulators and having them practice.
  - This event was open to not only Castle Rock High School students but from students at different high schools bringing over 600 students to the event.
- **Robert Gray Elementary School – Safety Trailer Demonstration – 5/22/2025**
  - This event took place on May 22, 2025 at Robert Gray Elementary School with the Second Grade students. Brad Keith's line crew completed a safety trailer demonstration while onsite and even blew a circuit and had to turn the power back on while they were onsite.
- **Kelso/Longview Work Source Career Fair – 5/27/2025**
  - This event took place at the Kelso Work Source office on May 27, 2025 and Teedara spoke with numerous local residents about the current and upcoming job openings we have.



## Castle Rock High School Skilled Trades Fair

PUD Employees Participating in this Event:  
Teedara Wolf, Alice Dietz, Jeremy Beck, Deanna Killett, Brad Keith, Thomas Gustin, Robert Spitler, Devin Wannamaker and Kevin Wilbur.

# Cowlitz PUD Job Shadow Day – November 5, 2025

- As part of the 2025 Cowlitz County Career Expo, Cowlitz PUD volunteered to host junior and senior high school students for a half day job shadow on November 5, 2024.
- We had 106 students sign up from Mark Morris, RA Long, Toutle, Kalama, Castle Rock, Three Rivers Christian and Kelso high schools.
- Students arrived at 9am at the Cowlitz PUD Operations Center and were greeted by Cowlitz PUD staff and given a brief safety orientation prior to kicking off the day.



# Cowlitz PUD Job Shadow Day – November 5, 2025

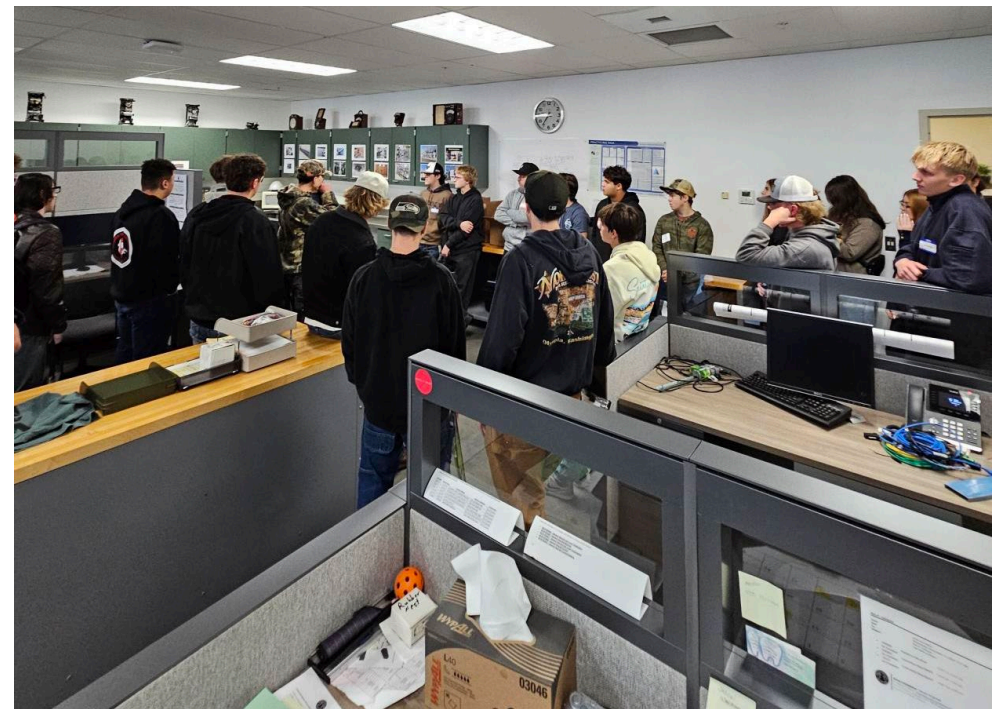
- After the safety briefing, our employee volunteers spent a few minutes giving students a brief overview of their career area they would be presenting on. We had employees from the following departments:
  - Lineman
  - Technology – IT and Data Analytics
  - Electrical & Transmission & Distribution Engineering
  - Fleet
  - Electrician
  - Human Resources
  - Communications/Public Relations
- Students selected their top two careers and spent the next hour attending the career sessions where they could learn about the career path, what type of schooling is required and talk with employees about their experience and how they came to work at the PUD.

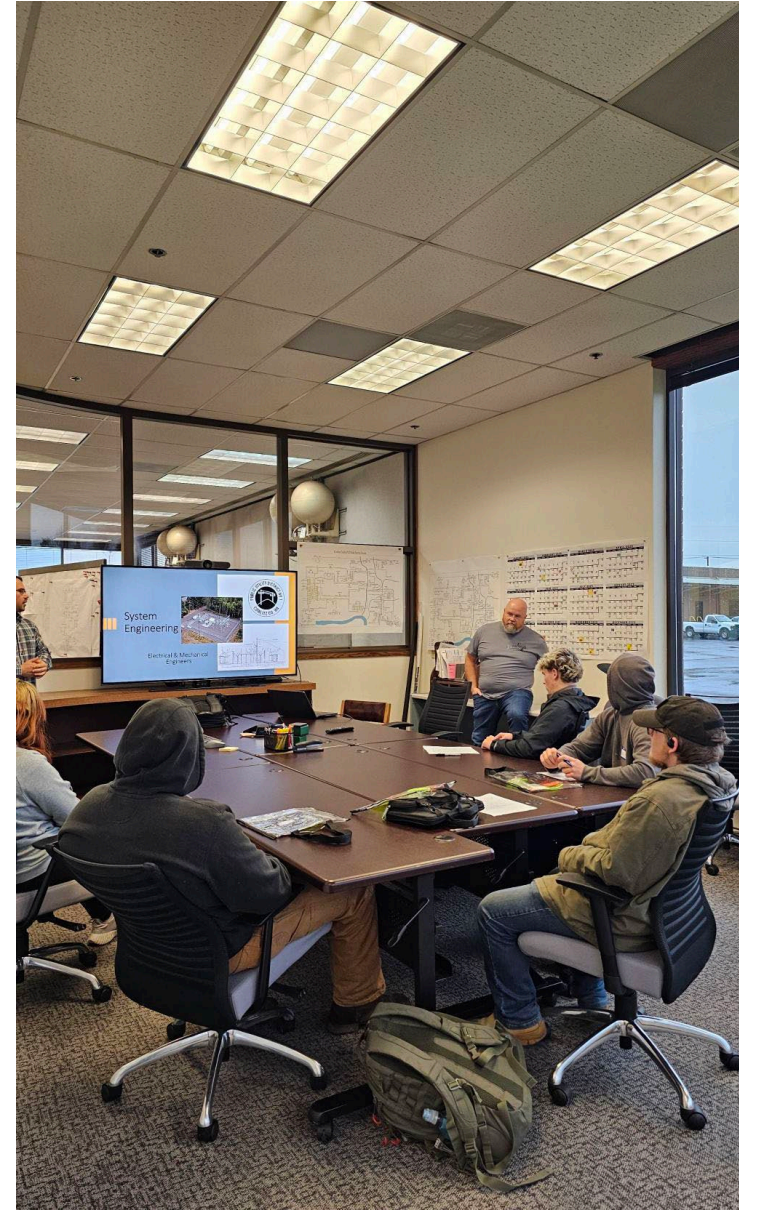
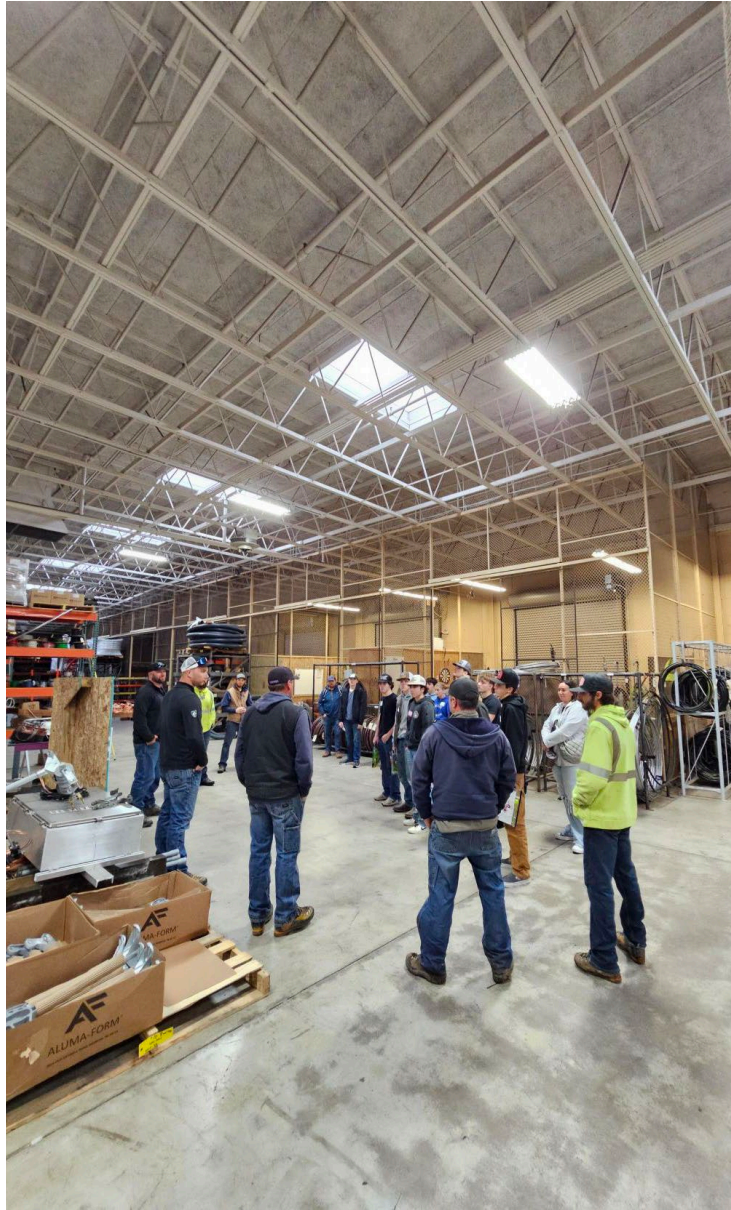


# EMERGING POWERING OUR YOUTH



The logo features the text "EMERGING POWERING OUR YOUTH" in a stylized, hand-drawn font. A lightbulb with a plug inside is positioned above the letter "M" in "EMERGING". Below the main text is a circular seal with the text "PUBLIC UTILITY DISTRICT NO. 1" around the top and "COLVILLE CO. WA" around the bottom. The seal contains a central graphic of a power line tower.







EMPOWERING  
OUR YOUTH

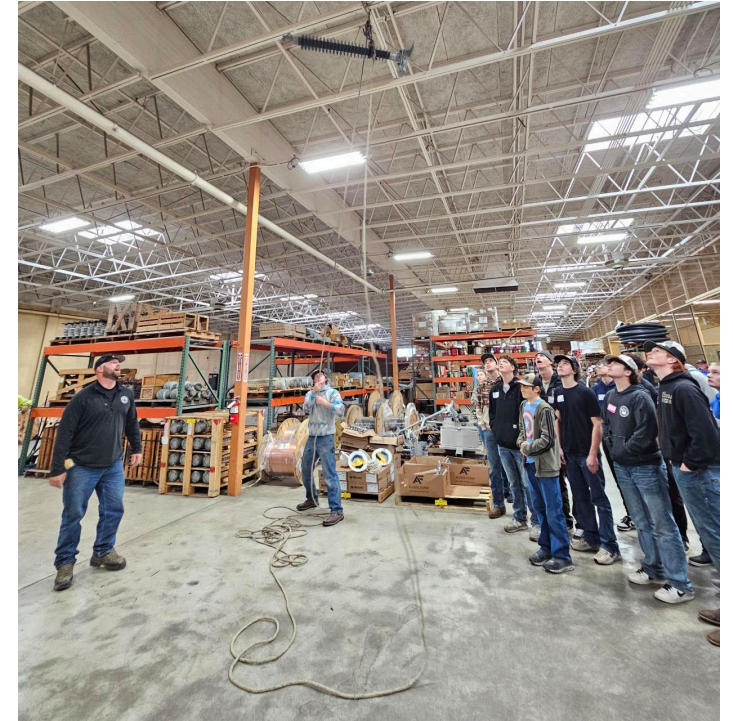
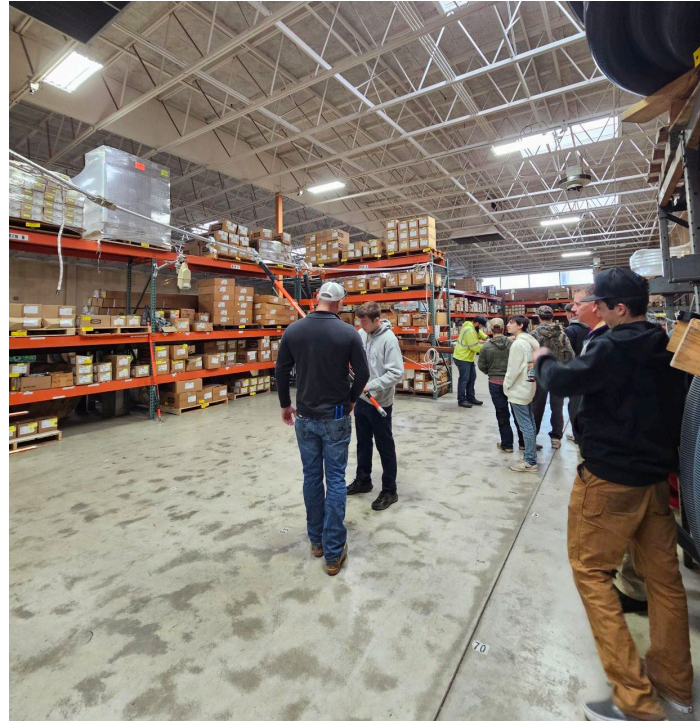


The logo for "Empowering Our Youth" features the words "EMPOWERING" and "OUR YOUTH" in a stylized, blocky font. A lightbulb is integrated into the letter "M" of "EMPOWERING". Below the text is a circular seal with the text "PINE COUNTY DISTRICT NO. 1" and "SPOITZ CO. WA." around the perimeter. The seal also contains a graphic of a book.



**EMPOWERING**  
**OUR YOUTH**





Cowlitz PUD Job  
Shadow Day –  
November 5, 2025

After the job shadow sessions were complete, students could choose between the hands on Lineman activities or putting together a Bluetooth Speaker.

## Cowlitz PUD Job Shadow Day – November 5, 2025

- At the end of the morning with the students, they all gathered back in the Operations lunchroom, and we brought in Taryn Williams, CTE Dual Credit Program Specialist with Lower Columbia College to discuss career paths available at LCC.
- Lunch was provided for all the students and our employees who volunteered their time. Students got the chance to eat lunch with PUD employees and talk more about their career interests.
- Overall, this was a successful, fun event for students and staff. It is always rewarding to be able to share our passions for our careers with the youth and sway them into working in Public Power.

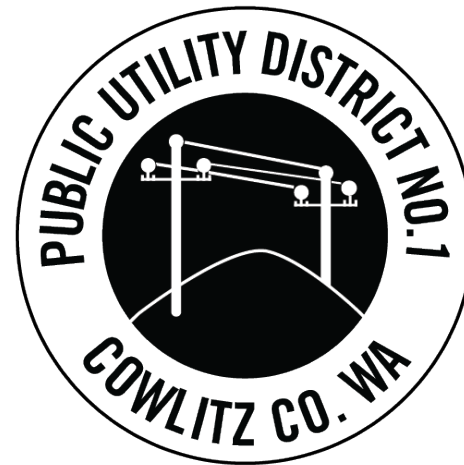




---

## 7. Public Relations and Communications

- Connected
- Columbia River Reader
- Radio Messaging
- Website Messaging
- Regional Coverage



# connected



## A Message from Your Cowlitz PUD Commissioners: Standing Together to Keep Our Community Warm



Pictured from left to right, Commissioners Duane Dalgleish, Bruce Pollock, and Dave Quinn

As commissioners of Cowlitz PUD, we are deeply moved by the generosity and compassion shown by our community during this year's *Weekend for Warm Neighbor* fundraising event. Raising **\$47,000** is more than a financial milestone—it's a powerful reminder of what we can accomplish when we come together with purpose.

The Warm Neighbor Fund has been a cornerstone of our commitment to serving Cowlitz County for over 25 years. It exists because of you—our neighbors, local businesses, volunteers, and employees—who believe in helping others, especially when times are tough. This fund provides critical assistance to families who may not qualify for other programs but still face the very real challenge of keeping their homes warm and their lights on.

As we enter the colder months, we know that energy bills can become a burden for many. That's why we want to emphasize: **Cowlitz PUD is here for you.** Whether through the Warm Neighbor Fund, flexible payment options, or energy-saving resources, our team is committed to supporting every customer with dignity and care.

## COWLITZ PUD VOLUNTEERS RAISE \$47,000 TO HELP FAMILIES STAY WARM THIS WINTER

As temperatures drop and the rainy season sets in, Cowlitz PUD is proud to share a heartwarming milestone: this year's *Weekend for Warm Neighbor* fundraising event raised an incredible **\$47,000** to support local families in need.

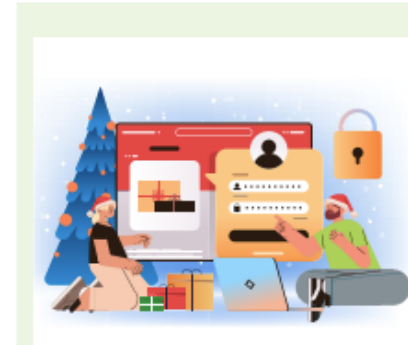
This achievement reflects the dedication of Cowlitz PUD volunteers, the leadership of the Weekend for Warm Neighbor Planning Committee, and the generosity of our sponsors. With title sponsorship from **1898 & Co.**, and support from **Bell Lumber & Pole, Columbia Wellness, The Okonite Company, Pac Tech, JH Kelly, BlueScope, OneSource, Schnabel Engineering, Propel Insurance,** and **Lower Columbia Longshore Federal Credit Union,** the event was a true community effort.

For over 25 years, the **Warm Neighbor Fund** has been a lifeline for Cowlitz County residents who struggle to pay their electric bills but don't qualify for other assistance programs. Entirely funded through donations, events, and employee contributions, the program continues to be a vital resource—especially during the cold, wet months when energy needs rise.



This year's fundraising success was powered by two signature events:

- **Eat for Heat:** Since its launch in 2017, this locally sourced meal kit program has raised over \$80,000 for the Warm Neighbor Fund and supported local



## HOLIDAY CYBERSECURITY

Scammers are active during the holidays. Stay safe with good cyber hygiene. Remember these tips:

- Secure your devices – Install those updates and set them to update automatically so you're always protected.
- Stick to trusted shopping sites – While those deals on strange or unknown sites may look tempting, fake or hijacked sites can steal your money and accounts.
- Be smart with your credit and bank accounts – Financial institutions will never ask for your passwords, PINs, or MFA (multifactor authentication) codes via text, email, or phone call.

Report suspected email scams at

*Warmth in Action continued*

Thanks to the generosity of our community, Cowlitz PUD is poised to exceed its fundraising goal and extend support to even more families this winter. If you or someone you know is struggling to keep the lights on, **Cowlitz PUD is here to help.** The Warm Neighbor Fund is just one of the many ways we're working to ensure no one is left in the cold.

To learn more about the Warm Neighbor Fund or how you can contribute, visit Cowlitz PUD's website [cowlitzpud.org](http://cowlitzpud.org) or contact our customer service team: **360.423.2210** Monday thru Thursday 7am – 5:30pm, excluding holidays or email us at [customerservice@cowlitzpud.org](mailto:customerservice@cowlitzpud.org).

## HOW TO APPLY FOR WARM NEIGHBOR

- Complete the [application](#) on SmartHub, in our office, or print from our website [cowlitzpud.org](http://cowlitzpud.org).
- Submit online, email, mail, or drop off the application and required documentation at our office.



## LIGHTS IN THE PARK

December 12-24th  
5pm, Tam O'Shanter Park

Benefitting The Warm Neighbor Program, Local Scholarships, and Community Improvements. Presented by Kelso Rotary and Cowlitz PUD.



## VOLUNTEER OPPORTUNITY: HELP OLDER ADULTS IN YOUR COMMUNITY WITH TAXES



### *Lights in the Park: A Bright Tradition That Warms the Heart*

*As the days grow shorter and the air turns crisp, there's one tradition that brings warmth, wonder, and community spirit to Kelso: the Cowlitz PUD and Kelso Rotary Lights in the Park. From December 12 through December 24, starting each evening at 5:00 PM, families, friends, and neighbors are invited to experience the magic of this drive-thru holiday light display at Tam O'Shanter Park.*

*This beloved event is more than just a dazzling spectacle of lights—it's a celebration of giving back. All proceeds from Lights in the Park benefit local scholarships, community projects, and the Warm Neighbor Fund, which helps families in need with their utility bills during difficult times. Every car that drives through helps brighten someone's future.*

*One of the most beautiful things about Lights in the Park is its reminder that making memories doesn't have to be expensive. For just a small donation of \$5, you can enjoy a magical evening filled with twinkling lights, festive music, and the joy of the season—all from the comfort of your car. It's a perfect outing for families with young children, seniors, or anyone looking for a safe, cozy way to celebrate the holidays.*

*So gather your loved ones and head to the park. Whether it's your first time or a cherished annual tradition, Lights in the Park is sure to leave you smiling—and maybe even a little inspired by the power of community.*

*Let's light up the season together.*



**KELSO ROTARY**

# Lights in the PARK

DECEMBER 12-24  
5PM

**MEMORIES  
SCHOLARSHIPS  
COMMUNITY PROJECTS  
WARM NEIGHBOR FUND**

***Make an impact this  
holiday season***



# Radio Messaging

Cold weather impacts your Cowlitz PUD bill more than anything else. The colder it is, the harder your heating system works to maintain a comfortable temperature and the more energy you use. Monitor your usage through SmartHub. You can view your monthly, daily, or even your hourly to see when spikes occur. Changing your behavior around those spikes can help you save on your bill. You can even set energy alerts to notify you when you exceed a preset limit. Cowlitz PUD, Your Power.

At Cowlitz PUD, we care about helping you keep your winter costs down. With simple steps like switching to LED bulbs, adding insulation, and sealing ceiling drafts, you can significantly reduce your cooling bill this season. Visit [Cowlitz.pud.org](http://Cowlitz.pud.org) and click the energy efficiency tab for more tips and tricks to help you save this season. Cowlitz PUD is supporting our community with energy-saving solutions for warmth and safety. Cowlitz PUD, your Power.

# Website Messaging



of Longview's Downtown Holiday Parade

Fall Energy Savings Tips



Free Home Energy Audits



Need Utility Assistance?



Search Cowlitz PUD website.....

 **OUTAGES**  
844.965.1319

 **MAIN OFFICE**  
360.423.2210

[Outages & Safety](#) [Energy Efficiency](#) [About](#) [News, Meetings & Events](#)



 SmartHub

 Outages

 Efficiency

 Careers

 Assistance Programs

#### Cowlitz PUD hosts job shadow day for over 100 local students

More than 100 students from across Cowlitz County explored future career opportunities during Job Shadow Day at the Cowlitz PUD Operations Center. The event offered an inside look at a wide range of professions, including engineering, technology, line work, electrical, fleet services, GIS, and administrative roles such as human resources and marketing.

Students toured PUD facilities and engaged in hands-on activities that showcased real-world applications of these careers. They also participated in a Lunch & Learn session with Lower Columbia College, where they discovered local post-secondary education options and pathways to success.

A highlight of the day was the help from Cowlitz PUD Groundman Kevin Wilbur, a 2019 graduate of Mark Morris High School and a former Pre-Apprenticeship student. Kevin, once taught by instructor Sam Kell, is now training to become a lineman at Cowlitz PUD—an inspiring example of how local opportunities can lead to rewarding careers.

In addition to technical experiences, some students collaborated on a social media campaign to promote a local food drive, gaining valuable skills in communication and community engagement.

"Job Shadow Day is about connecting students with real opportunities right here in our community," said Teedara Wolf, Human Resource Generalist. "We're proud to help students envision their future and learn about the diverse careers available at Cowlitz PUD."



WASHINGTON PUBLIC UTILITY DISTRICTS ASSOCIATION  
**WPUDA**  
YOUR connection

## *Friday Facts*

A weekly update from the Washington Public Utility Districts Association

11/14/25

#### Cowlitz PUD receives Community Partnership award from the Ethnic Support Council

Cowlitz Public Utility District (PUD) and its Board of Commissioners have been recognized by the Ethnic Support Council (ESC) with the prestigious Community Partnership Award. This honor celebrates Cowlitz PUD's ongoing commitment to supporting diverse communities and fostering inclusion throughout Cowlitz County.

Over the past several years, Cowlitz PUD has collaborated closely with ESC on initiatives that make essential services more accessible to vulnerable populations. These efforts include translating critical forms into multiple languages, organizing diaper and coat drives, hosting resource fairs, and connecting families to assistance programs.

As a gesture of gratitude, ESC presented the Board of Commissioners with authentic Chuukese necklaces, handcrafted from shells and beads—a cultural symbol of appreciation and partnership.

"Building strong community connections is at the heart of what we do," said Board Chair Dave Quinn. "We are honored to work alongside ESC to ensure that every member of our community has access to the resources they need."

# 8. Regulatory and Regional Affairs 11/25/2025

## **8 – November Activity**

8.1 – Legislative

8.2 – State & Regulatory

8.3 – Federal

8.4 – Local/Regional



# 8.1 Legislative



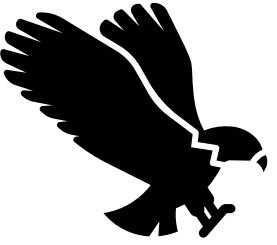
- ❖ WA State off-year legislative elections on Nov. 4<sup>th</sup> follow progressive-left trend seen in blue states across the nation
  - 9 legislative races on the off-year ballot for members appointed to vacant seats and running to retain them
  - Republicans failed to flip two Senate seats in Districts 5 & 26 losing to Democratic Sens. Victoria Hunt and Deborah Krishnadsan
  - Progressive candidates defeat moderate challengers in single-party matchups
- ❖ Declining state revenue forecast is teeing up discussions for enactment of tax increases to cover the shortfall during the 2026 short session
  - September forecast: **-\$421m** for 2025-27 budget; **-1.2b** for 4-year outlook period (2025-29)
- ❖ District’s Pre-session legislative outreach in progress with 19<sup>th</sup> & 20<sup>th</sup> delegation
- ❖ Pre-session “Committee Days” will be held in Olympia Dec 3-5th
  - Sen. Env., Energy & Tech Comm. to be briefed on utility resource adequacy study

## 8.2 State & Regulatory



- ❖ Commerce and UTC holds 3<sup>rd</sup> meeting in its 2025 Resource Adequacy series with a focus on winter readiness
  - Program emphasis on increased coordination between Electric and Gas utility systems to ensure grid reliability during extended extreme weather periods
  - NERC highlighted that the WECC-NW region faces an elevated risk of operating reserve or energy shortfall during the upcoming winter season
  - Seattle City Light discussed a large industrial curtailment program as part of its winter readiness efforts
- ❖ Ecology holds Cap and Invest workshop on Utility No-cost Allowance Allocation rule updates
  - Suggesting changes to how allowance allocation adjustments are made when actual emissions deviate from forecasted emissions and whether to require the consignment of a portion of allowances at auction to increase liquidity and reduce allowance price volatility
  - Offering options for the distribution of allowances to cover the program’s administrative costs
    - 4k – 5k allowances in each of the 1<sup>st</sup> and 2<sup>nd</sup> 4-year compliance periods
- ❖ WA Attorney General’s Office is proposing changes to the Public Records Act’s Model Rules
  - WPUDA submitted a summary of members’ concerns about the revisions pertaining to the creation of centralized electronic systems, meaning of provision of “fullest assistance”, and protection of third-party notice provisions.

## 8.3 Federal



- ❖ Federal government reopens on Nov. 13<sup>th</sup> after Pres. Trump signed bill to end the longest shutdown (43 days). Congress passed a new continuing resolution (CR) that runs through January 30<sup>th</sup>
  - The VA and Dept. of Agriculture were funded through Sep. 2026
  - HHS is allowed to release 90% of LIHEAP funds for FY 2026
  - PAYGO Act waivers included that protect Build America Bond, New Clean Renewable Energy Bond, and elective pay tax credit payments from elimination via sequestration
- ❖ Appropriation for Ryderwood underground feeder project continues to be delayed until final FY 2026 spending bills pass the Congress
- ❖ H. Energy & Commerce subcommittee passes broadband permitting package that undermines local control of the pole attachment process for public utilities
  - APPA has advocated against the BROADBAND Leadership Act (H.R. 278) for several years due to provisions granting automatic approval of pole attachment requests after “shot clock” deadlines pass, regardless of whether the public power utility received notice of the attachment request before the local government entity that owns the right of way
- ❖ H. Natural Resources Committee marks up permitting reform legislation (SPEED Act) that establishes strict timelines for permit applications under NEPA and limits the courts’ ability to substitute their judgment for an agency’s environmental effects review

## 8.4 Local/Regional

- ❖ District management joins CEDC and City of Longview in discussion with WA Commerce Director Joe Nguyen related to future electric resources needed to accommodate large loads and economic development
- ❖ WPUDA Assn holds mini-Energy Summit with presentations on resource adequacy, transmission development, natural gas-electric system coordination, and the federal hydro system
- ❖ WPUDA Board approves 2026 state and federal legislative priorities with focus on:
  - Support for BPA and the federal hydro system
  - Funding of statewide energy assistance program with CCAct dollars
  - Wildfire liability mitigation through incentives to invest in preventative risk reduction measures
  - Permitting reforms to expedite transmission deployment supporting grid reliability
- ❖ Steve Taylor participated in panel on regional resource adequacy to the Washington Public Ports Assn annual conference

