



# 2025 Budget

**Including:**

- Comparative Operating Statement
- Comparative Capital Budget
- Comparative Budget by Activity
- Revenue Summary
- Budget Activity by Department
- Department Detail Budget





1	<b>Overview</b>
2	<b>Key Assumptions</b>
3	<b>Annual Budget Summary</b> <ul style="list-style-type: none"><li>▪ Comparative Operating Statement</li><li>▪ Comparative Capital Budget</li><li>▪ Comparative Budget by Activity</li><li>▪ Comparative Broadband Summary</li></ul>
4	<b>Summary of Revenues</b>
5	<b>Labor/Staffing</b> <ul style="list-style-type: none"><li>▪ Labor and Benefits Summary</li><li>▪ Staffing Summary</li><li>▪ Employee Benefits Summary and Allocations</li></ul>
6	<b>Budget by Directorate</b> <ul style="list-style-type: none"><li>▪ Activity Codes</li></ul>
7	<b>Financial Plan</b>
8	<b>Retail Sales Forecast</b>
9	<b>Capital Requirements Plan</b>
10	<b>Power Supply Plan</b>






# Overview

**Tab 1**





To: Benton PUD Commissioners

From: Rick Dunn, General Manager 

Date: December 10, 2024

Re: 2025 Budget

Benton PUD’s 2025 preliminary draft budget was presented to the Commission at a public hearing on Tuesday, November 12, 2024. Since then, staff reviewed proposed expenses and has revised the numbers to reflect changes in the Bonneville Power Administration’s (BPA) most current proposal for their next three-year rate period beginning October 1, 2025, insurance premiums and assessments, taxes, the customer service lobby remodel project (previously included in the 2024 budget), and Large Irrigator cable replacement projects. On the revenues side, the timing of a staff recommended 5% retail rate increase was adjusted from March 1<sup>st</sup> to April 1<sup>st</sup> of 2025.

The proposed 2025 budget supports our strategic goals and highest priorities. To provide a point of reference, the table below compares the proposed 2025 budget to the original 2024 budget.

<i>Dollars in thousands</i>	2025 Budget	2024 Original Budget	Increase/ (Decrease)	% Change
<b>Revenues (excluding Secondary Market Sales)</b>	<b>\$151,031</b>	<b>\$143,281</b>	<b>\$7,750</b>	<b>5.4%</b>
<b>Expenses (including Secondary Market Sales)</b>				
Purchased Power	73,123	70,447	2,676	3.8%
Purchased Transmission & Ancillary Services	12,523	13,149	(626)	(4.8%)
Net Conservation	294	323	(29)	(9.0%)
<b>Less: Secondary Market Sales</b>	<b>4,728</b>	<b>4,090</b>	<b>638</b>	<b>15.6%</b>
<b>Net Power Expenses</b>	<b>\$81,212</b>	<b>\$79,829</b>	<b>\$1,383</b>	<b>1.7%</b>
Transmission Operation & Maintenance	134	111	23	20.7%
Distribution Operation & Maintenance	15,968	14,052	1,916	13.6%
Broadband Expense	1,247	1,197	50	4.2%
Customer Accounting	5,128	5,043	85	1.7%
Administrative & General	9,595	9,475	120	1.3%
<b>Subtotal before Taxes &amp; Depreciation</b>	<b>\$32,072</b>	<b>\$29,878</b>	<b>\$2,194</b>	<b>7.3%</b>
Taxes	15,490	14,777	713	4.8%
Depreciation/Amortization	12,653	11,995	658	5.5%
<b>Non-Power Operating Expenses</b>	<b>\$60,215</b>	<b>\$56,650</b>	<b>\$3,565</b>	<b>6.3%</b>
Gross Capital	30,953	31,918	(965)	(3.0%)
<b>Less: Capital Contributions</b>	<b>4,033</b>	<b>3,571</b>	<b>462</b>	<b>12.9%</b>
<b>Net Capital Additions</b>	<b>\$26,920</b>	<b>\$28,347</b>	<b>(\$1,427)</b>	<b>(5.0%)</b>
<b>Debt Service (including BABs Subsidy)</b>	<b>6,166</b>	<b>\$6,377</b>	<b>(\$211)</b>	<b>(3.3%)</b>

## Overview

District staff is always mindful of controlling and managing costs to ensure high value service is provided to our customers for the rates they pay. Benton PUD's last retail rate increase was 2.9% in October 2019 preceded by increases of 1.9% and 4.9% in 2017 and 2016 respectively. And despite increases in the cost of living compounded by record inflation rates over the past five years, Benton PUD residential customer bills have been some of the lowest in the State of Washington compared to our peers.

Clearly our cost management and debt strategy has worked well, but due to the cumulative impacts of material and equipment inflationary cost pressures, increasing costs of labor, and recently announced increases in wholesale power supply costs, staff is recommending the District begin increasing retail revenues in 2025 with the expectation of multiple rate increases in subsequent years.

Consistent with this recommendation staff's preliminary 2025 budget assumptions include a 5% retail rate increase across all customer classes. Of course, this represents a starting point for further discussions with final rate increase percentages and effective dates requiring explicit commission approval by resolution prior to implementation. While it is always difficult to raise rates, a 5% increase in retail revenue would allow for sound operations in accordance with Benton PUD's financial policies and a continuation of our visionary investments in capacity and reliability.

At a high level, compared to the original 2024 budget, the 2025 budget includes a forecasted **increase** in retail **revenues**; an **increase** in net power and non-power operating **expenses**; and a slight **decrease** in net **capital** additions. The following sections include more detail on each of the District's key budget categories.

### Revenues (excluding secondary market sales)

Most of the District's revenue (excluding secondary market sales) comes from electricity sales to retail customers. Electricity sales can fluctuate year-to-year based on weather, customer growth, and net load growth. In order to provide appropriate budget assumptions, the District prepares a Ten-Year Load and Customer Forecast (TLCF) which uses regression modeling to establish a relationship between annual load, weather, and economic variables. The most recent TLCF was approved by the Commission on May 14, 2024, with a forecasted rate of annual retail load growth of 0.13% for each of the next five years.

The District maintains a five-year financial forecast, with the latest update presented to the Commission on November 26, 2024. Utilizing BPA's initial proposals combined with properly timed issuance of District bonds (likely in Q4 of 2027) allows for a 5% or less retail rate increase recommendation in 2025, depending on the level of rate increases planned for in future years. Staff will continue to regularly monitor electricity sales analytics and financial forecasts to ensure ongoing adjustments as needed.

### Net Power Expenses (including secondary market sales)

2024 marked the District's first year operating under a Load Following contract with BPA, and it has met all our expectations for mitigating the risks associated with power market purchases and sales required under our previous Slice contract. While BPA incurred significant costs as a net purchaser during a power market price excursion associated with a five-day winter cold snap in January 2024, the District experienced only minimal financial impact. Representing approximately 50% of the



District's annual costs, Net Power Expenses include purchased power and transmission services from BPA, net of revenue from selling White Creek and Nine Canyon wind farm allocations into the wholesale power market as well as a capacity call option previously sold to The Energy Authority.

Overall, 2025 net power expenses are expected to be \$1.4 million higher than the 2024 original budget which represents a 1.7% increase. The main driver for the increase is BPA's proposed 9.8% rate increase for power and 21% rate increase for transmission beginning in October 2025. While BPA has kept past wholesale rate increases to a minimum, they face substantial cost pressures and will make their final decision regarding rate increases in early 2025.

### **Non-Power Operating Expenses**

Non-power operating expenses are expected to increase \$3.6 million or 6.3% over the 2024 original budget, of which \$1.4 million is related to taxes and depreciation. Taxes are expected to increase 4.8% as a function of higher expected revenues and depreciation is expected to increase 5.5% as a result of new capital additions in recent years. That leaves an expected increase of \$2.2 million (or 7.3%) in the balance of non-power operating expenses. Over the last several years, the District has successfully managed its operations and maintenance (O&M) expenses despite cost pressures associated with a growing customer base, higher employee benefit costs, annual wage escalation and new regulatory requirements. The District's O&M "cost per customer" metric continues to remain well below the benchmark numbers published by the American Public Power Association (APPA). This is a direct result of the efforts and skills of District employees as well as investments in technology and employee training.

### **Net Capital Additions**

One of the District's strategic goals is to constantly strive to meet 21<sup>st</sup> century grid expectations which means a focus on reliability, resiliency, automation, and increasing capacity to meet customer growth and support economic development. The District's 2025 capital budget includes projects that support our long-term 115-kilovolt (kV) transmission system reliability improvement plans, continued high-level of customer growth, and upgrading and modernizing aging equipment. The 2025 capital budget also includes \$1.4 million for an operational technology project to upgrade and maintain the telecommunication network which allows for remote monitoring and control of our electricity delivery systems.

The 2025 total gross capital budget has been set at \$31.0 million including the following five categories: \$23.4 million (75.5%) for substation and distribution system projects; \$4.0 million (12.8%) for information technology, which includes physical security and operational technology projects; \$1.4 million (4.6%) for broadband projects; \$1.3 million (4.3%) for general plant; and \$0.8 million (2.8%) for transmission system additions. A credit of \$4.0 million to account for expected contributions-in-aid-to-construction (CIAC) from developers, customers and community partners provides an offset to capital expenses and results in expected 2025 Net Capital Additions of \$26.9 million.

### **Debt Service**

The District last issued \$25 million in debt in December 2023 and currently we have no plans to issue new debt in 2025.

### **Conclusion**

Overall, staff believes the 2025 budget provides a balance of revenues and expenses that will allow the District to continue to be responsive to near-term customer growth while also investing in

facilities and equipment that are foundational to providing ever increasing value to our customers over the long-term. While we continue to operate in a time of great uncertainty, it is gratifying to know the District's long tradition of rigorous planning and financial stewardship has positioned us well for the coming year and that our customers will continue to receive reliable and affordable services at rates we expect will continue to track well below the median level of our utility peers.



# Key Assumptions

**Tab 2**



# 2025 BUDGET - KEY ASSUMPTIONS

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## REVENUES

- The 2025 Budget reflects a 5% revenue increase effective April 1, 2025 – for planning purposes only.
- Gross retail energy sales of \$144.5 million are based on 207.0 aMW of retail load.
- Sales for resale are estimated at \$4.7 million.
- 663 new customer connections per year are included in the 2024 load forecast (see Tab 8) and of these new customer connections, 600 are residential.

## POWER & TRANSMISSION COSTS (see Tab 10, 2025 – 2029 Power Supply Plan for more details)

- **Effective October 1, 2023, the District made the change to a Load Following contract to provide greater certainty and less risk of power supply needs going forward.**
- **The District's net power cost is estimated using BPA's BP-24 Final Record of Decision, BPA's BP-26 initial proposal estimates, and the District's Load Forecast.**
- **Known power cost variables were included as follows:**
  - Power costs reflect BPA's Tiered Rate Methodology.
  - The budget includes an irrigation mitigation benefit of \$3.6 million in CY 2025.
  - Conservation program expenses are expected to be \$2.1 million, offset by a \$1.8 million reimbursement from BPA.
  - No Cost Recovery Adjustment Clauses (CRACs) are assumed for CY 2025.
  - Court ordered additional spill costs are included in BPA's rates for 2025.
  - Includes 11.5 aMW (Fiscal Year 2025) and 10.7 aMW (Fiscal Year 2026) of Tier 2 loads.
  - Power cost forecast includes the estimated cost to meet the requirements of the Energy Independence Act (EIA).
  - No carbon cap and trade impact included in power budget.

## INTERNAL DISTRICT COSTS

Employee benefits and payroll taxes of \$7.9 million are based on total District labor of \$19.3 million. Employee benefit costs include the District's share of FICA, Medicare, retirement, medical, dental, life insurance, short-term disability insurance, personal leave, unemployment tax, and state industrial insurance (see Tab 5).

# 2025 BUDGET - KEY ASSUMPTIONS

(CONTINUED)

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## CAPITAL

- Capital is based on the District's five-year Capital Requirements Plan (see Tab 9).
  - Includes \$0.9 million for new transmission switches and line planning and design.
    - \$0.2 million for the Irrigro Transmission Sectionalizing Switches
    - \$0.2 million for the Hedges 115kV Metering Point
    - \$0.1 million for the Paterson East Tap Switch
  - Includes \$23.4 million for distribution system upgrades and additions.
    - \$9.3 million for projected customer growth, such as requested electrical line extension, transformers, and meters (1,000 new service connections)
    - \$9.1 million for capacity and reliability upgrades and additions
    - \$2.1 million for repair and replacement of aging underground cable and other distribution equipment.
  - Includes \$4.0 million for Information Technology network reliability upgrades, utility analytics, enterprise applications, Operational Technology and Physical Security.
  - Includes \$1.4 million for projected broadband growth.
  - Includes \$1.3 million for General Plan
    - \$0.9 million for transportation, two bucket trucks were ordered in 2022 and a smaller bucked truck was ordered in 2023 but won't be received until 2025.
    - \$0.4 million for tool and testing equipment.
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# Annual Budget Summary





**Comparative Operating Statement**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025</b>	<b>2024</b>	<b>Increase/</b>	<b>%</b>
	<b>Budget</b>	<b>Original</b>	<b>(Decrease)</b>	<b>Change</b>
		<b>Budget</b>		
<b>OPERATING REVENUES</b>				
Energy Sales - Retail	\$144,482,220	\$137,714,154	\$6,768,066	4.9%
Energy Secondary Market Sales	4,544,486	3,878,125	666,361	17.2%
Transmission of Power for Others	183,548	211,731	(28,183)	(13.3%)
Broadband Revenue	3,063,240	2,971,653	91,587	3.1%
Other Revenue	1,485,893	1,594,886	(108,993)	(6.8%)
<b>TOTAL OPERATING REVENUES</b>	<b>153,759,387</b>	<b>146,370,549</b>	<b>7,388,838</b>	<b>5.0%</b>
<b>OPERATING EXPENSES</b>				
Purchased Power	73,123,407	70,447,486	2,675,921	3.8%
Purchased Transmission and Ancillary Services	12,522,822	13,148,868	(626,046)	(4.8%)
Conservation	294,200	322,683	(28,483)	(8.8%)
Total Power Supply	85,940,430	83,919,037	2,021,393	2.4%
Transmission Operation & Maintenance	134,196	111,273	22,923	20.6%
Distribution Operation & Maintenance	15,967,654	14,052,150	1,915,504	13.6%
Broadband Expense	1,246,617	1,197,223	49,394	4.1%
Customer Accounting, Collection and Information	5,128,281	5,042,657	85,624	1.7%
Administrative & General	9,595,347	9,474,759	120,588	1.3%
Subtotal before Taxes & Depreciation	32,072,095	29,878,062	2,194,032	7.3%
Taxes	15,490,000	14,777,000	713,000	4.8%
Depreciation & Amortization	12,652,730	11,994,800	657,930	5.5%
Total Other Operating Expenses	60,214,825	56,649,862	3,564,962	6.3%
<b>TOTAL OPERATING EXPENSES</b>	<b>146,155,254</b>	<b>140,568,899</b>	<b>5,586,355</b>	<b>4.0%</b>
<b>OPERATING INCOME (LOSS)</b>	<b>7,604,133</b>	<b>5,801,650</b>	<b>1,802,483</b>	<b>31.1%</b>
<b>NONOPERATING REVENUES &amp; EXPENSES</b>				
Interest Income	2,000,000	1,000,000	1,000,000	100.0%
Other Income	264,564	301,192	(36,628)	(12.2%)
Interest Expense	(3,536,477)	(3,821,759)	285,282	(7.5%)
Debt Discount & Expense Amortization	520,766	408,171	112,595	27.6%
<b>TOTAL NONOPERATING REVENUES &amp; EXPENSES</b>	<b>(751,147)</b>	<b>(2,112,396)</b>	<b>1,361,249</b>	<b>(64.4%)</b>
<b>INCOME (LOSS) BEFORE CONTRIBUTIONS</b>	<b>6,852,986</b>	<b>3,689,254</b>	<b>3,163,732</b>	<b>85.8%</b>
<b>CAPITAL CONTRIBUTIONS</b>	<b>4,033,207</b>	<b>3,571,055</b>	<b>462,152</b>	<b>12.9%</b>
<b>CHANGE IN NET POSITION</b>	<b>\$10,886,193</b>	<b>\$7,260,309</b>	<b>\$3,625,884</b>	<b>49.9%</b>
<b>NET POWER</b>	<b>\$81,212,396</b>	<b>\$79,829,181</b>	<b>\$1,383,215</b>	<b>1.7%</b>
<b>CHANGE IN NET POSITION</b>	<b>\$10,886,193</b>	<b>\$7,260,309</b>	<b>\$3,625,884</b>	<b>49.9%</b>
Less: Gross Capital in Excess of Depreciation	(18,300,704)	(19,923,476)	1,622,772	(8.1%)
Less: Principal Payment on Outstanding Debt	(3,415,000)	(3,265,000)	(150,000)	4.6%
Plus: Non-Cash Items (Prepaid Expense Amortizations, etc.)	496,370	608,965	(112,595)	(18.5%)
<b>ESTIMATED ADDITION/(REDUCTION) TO CASH RESERVES</b>	<b>(\$10,333,141)</b>	<b>(\$15,319,202)</b>	<b>\$4,986,061</b>	<b>(32.5%)</b>

**Comparative Capital Budget**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

Capital Category	Project Group	2024			
		2025 Budget	Original Budget	Increase/ (Decrease)	% Change
<b>Transmission</b>	Transmission Projects	\$873,314	\$5,803,910	(\$4,930,596)	(85.0%)
<b>Distribution</b>	Capacity & Reliability	9,125,242	6,673,639	2,451,603	36.7%
	Customer Growth	9,331,054	8,641,661	689,393	8.0%
	General Plant	935,496	730,000	205,496	28.2%
	Other	250,634	188,760	61,874	32.8%
	Repair & Replace	3,718,451	3,154,802	563,649	17.9%
<b>Total Distribution</b>		23,360,877	19,388,862	3,972,015	20.5%
<b>Broadband</b>	Broadband	1,417,038	1,425,054	(8,016)	(0.6%)
<b>General Plant</b>	Facilities	121,500	-	121,500	N/A
	Transportation	965,000	1,219,000	(254,000)	(20.8%)
	Line Department	89,700	99,500	(9,800)	(9.8%)
	Meter Shop	67,609	35,000	32,609	93.2%
	Transformer Shop	84,983	10,000	74,983	749.8%
	Other	5,000	5,000	-	0.0%
<b>Total General Plant</b>		1,333,792	1,368,500	(34,708)	(2.5%)
<b>Information Technology</b>	Enterprise Applications	77,042	87,750	(10,708)	(12.2%)
	Network Infrastructure	1,289,685	899,000	390,685	43.5%
	Operational Technology	1,446,199	-	1,446,199	N/A
	Security	1,155,487	2,945,200	(1,789,713)	(60.8%)
<b>Total Information Technology</b>		3,968,413	3,931,950	36,463	0.9%
<b>Grand Total (Gross)</b>		30,953,434	31,918,276	(964,842)	<b>(3.0%)</b>
<b>Contributions in Aid</b>	Transmission	(87,100)	(43,550)	(43,550)	100.0%
	Customer Growth	(3,796,107)	(3,452,505)	(343,602)	10.0%
	Other	(75,000)	(75,000)	-	0.0%
	Broadband	(75,000)	-	(75,000)	N/A
<b>Total Contributions in Aid</b>		(4,033,207)	(3,571,055)	(462,152)	12.9%
<b>Net Capital</b>		<b>\$26,920,227</b>	<b>\$28,347,221</b>	<b>(\$1,426,994)</b>	<b>(5.0%)</b>

**Comparative Broadband Budget  
Public Utility District No. 1 of Benton County  
2025 Budget**

	<b>2025 Budget</b> <sup>1</sup>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
<b>Revenue</b>	\$3,063,240	\$2,971,653	\$91,587	3.1%
<b>Operating Expenses</b>	(1,246,617)	(1,197,223)	(49,394)	4.1%
<b>Net Income (Loss)</b>	<b>1,816,623</b>	<b>1,774,430</b>	<b>42,193</b>	<b>2.4%</b>
<b>Broadband Capital:</b>				
Base Capital Expenditures	1,417,038	1,098,691	318,347	29.0%
Small Cell	-	326,363	(326,363)	N/A
Capital Contributions	(75,000)	-	(75,000)	N/A
<b>Net Capital Expenditures</b>	<b>1,342,038</b>	<b>1,425,054</b>	<b>(83,016)</b>	<b>(5.8%)</b>
<b>Net Cash from / (to) Broadband</b>	<b>\$474,585</b>	<b>\$349,376</b>	<b>\$125,209</b>	<b>35.8%</b>
	<b>Future 5 Years (2025-2029)<sup>1</sup></b>	<b>Previous 5 Years (2020-2024)</b>		
Five Year Rolling Net Cash Test <sup>2</sup>	\$3,912,291	\$3,237,772		

1) Includes small cell estimated cost, revenue, and capital contributions

2) Resolution 2432: Broadband Strategy states "... maintain net positive cash flows over rolling five-year period, both looking back and forward. Net cash flow may be negative in individual years provided that the amount is offset by positive net cash flow in other years."

**Comparative Budget by Activity Code**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
<b>Allocated Costs:</b>				
88 Payroll Taxes	\$1,457,720	\$1,377,013	\$80,707	5.9%
101 Employee Benefits	6,451,917	5,878,025	573,892	9.8%
<b>Allocated Cost Total</b>	<b>7,909,637</b>	<b>7,255,038</b>	<b>654,599</b>	<b>9.0%</b>
<b>Payroll:</b>				
10 District Overtime Labor	1,004,017	1,008,873	(4,856)	(0.5%)
11 All Other District Labor	18,322,230	17,228,068	1,094,162	6.4%
<b>District Labor Total</b>	<b>19,326,247</b>	<b>18,236,941</b>	<b>1,089,307</b>	<b>6.0%</b>
<b>Power Cost:</b>				
9 Purchased Power	82,725,891	80,478,182	2,247,709	2.8%
<b>Power Cost Total</b>	<b>82,725,891</b>	<b>80,478,182</b>	<b>2,247,709</b>	<b>2.8%</b>
<b>System Costs:</b>				
12 Materials & Supplies	5,593,068	5,344,800	248,268	4.6%
13 Store Expense - Non Labor	25,000	25,000	-	0.0%
14 Small Tools & Materials	164,900	144,400	20,500	14.2%
15 Transportation Expense-Gas&Oil	430,000	380,000	50,000	13.2%
16 Transportation Exp-Repair&Main	315,000	215,000	100,000	46.5%
17 Operation & Maintenance Exp	890,222	859,622	30,600	3.6%
18 Misc Construction Expense	1,135,185	275,084	860,101	>200%
19 Tree Trimming - Contract	795,000	760,000	35,000	4.6%
20 Off-the-Dock Labor	1,094,000	769,799	324,201	42.1%
21 Elec Construction Contracts	3,314,967	7,549,223	(4,234,256)	(56.1%)
23 Environmental	26,000	26,000	-	0.0%
<b>System Cost Total</b>	<b>13,783,342</b>	<b>16,348,928</b>	<b>(2,565,586)</b>	<b>(15.7%)</b>
<b>General Expenditures:</b>				
25 Maintenance of Software	1,416,180	1,199,015	217,165	18.1%
26 Computer Hardware & Equip Exp	151,500	139,800	11,700	8.4%
27 Personal Computer Software	149,800	134,800	15,000	11.1%
28 Personal Computer O&M Costs	226,500	216,000	10,500	4.9%
29 Personal Computer Supplies&Exp	6,550	8,550	(2,000)	(23.4%)
30 Customer Service Expenses	578,600	566,855	11,745	2.1%
33 Office Supplies & Expenses	69,700	80,200	(10,500)	(13.1%)
34 Insurance	1,171,400	1,028,300	143,100	13.9%
37 Grounds Care	94,524	94,524	-	0.0%
38 Maint of Bldg & Improvements	362,100	387,600	(25,500)	(6.6%)
39 Maint of Equipment	44,500	39,500	5,000	12.7%
40 Rents	425,051	436,911	(11,860)	(2.7%)
41 Insurance Damages & Other Reim	10,000	10,000	-	0.0%
42 Business Expense & Travel	171,500	210,000	(38,500)	(18.3%)

**Comparative Budget by Activity Code**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
43 Training Expense & Travel	318,866	243,201	75,665	31.1%
44 Other General Expenses	1,117,074	1,108,575	8,499	0.8%
45 Subscriptions & Publications	29,532	27,346	2,186	8.0%
46 Treasurer Expenses	462,700	501,000	(38,300)	(7.6%)
<b>General Expenditure Total</b>	<b>6,806,077</b>	<b>6,432,177</b>	<b>373,900</b>	<b>5.8%</b>
<b>Utilities:</b>				
50 Telephone & Answering Services	403,000	314,500	88,500	28.1%
51 Water, Garbage, Irrigation & Other	79,000	79,000	-	0.0%
<b>Utilities Total</b>	<b>482,000</b>	<b>393,500</b>	<b>88,500</b>	<b>22.5%</b>
<b>Outside Services:</b>				
60 Audit Examination - State	116,760	181,300	(64,540)	(35.6%)
61 Professional Services	1,033,450	1,518,387	(484,937)	(31.9%)
<b>Outside Services Total</b>	<b>1,150,210</b>	<b>1,699,687</b>	<b>(549,477)</b>	<b>(32.3%)</b>
<b>Dues and Assessments:</b>				
70 Civic & Service Organizations	21,015	21,095	(80)	(0.4%)
72 Industry Assoc Assessments	547,028	519,020	28,008	5.4%
<b>Dues and Assessments Total</b>	<b>568,043</b>	<b>540,115</b>	<b>27,928</b>	<b>5.2%</b>
<b>Taxes:</b>				
80 Public Utility & Excise Tax	5,780,000	5,522,000	258,000	4.7%
81 State Privilege Tax	2,955,000	2,816,000	139,000	4.9%
82 City Occupation Taxes	6,755,000	6,439,000	316,000	4.9%
<b>Taxes Total</b>	<b>15,490,000</b>	<b>14,777,000</b>	<b>713,000</b>	<b>4.8%</b>
<b>Other Employee Costs:</b>				
104 Other Employee Costs	287,160	289,510	(2,350)	(0.8%)
<b>Other Employee Costs Total</b>	<b>287,160</b>	<b>289,510</b>	<b>(2,350)</b>	<b>(0.8%)</b>
<b>Energy Resources:</b>				
111 Electric Vehicle	5,000	5,000	-	0.0%
112 Residential Conservation Exp	360,000	400,000	(40,000)	(10.0%)
113 Commercial Conservation Exp	160,000	240,000	(80,000)	(33.3%)
114 Industrial Conservation Exp	380,000	420,000	(40,000)	(9.5%)
115 Agriculture Conservation Exp	100,000	100,000	-	0.0%
118 Low Income Conservation	500,000	600,000	(100,000)	(16.7%)
<b>Energy Resources Total</b>	<b>1,505,000</b>	<b>1,765,000</b>	<b>(260,000)</b>	<b>(14.7%)</b>

**Comparative Budget by Activity Code**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
<b>Public Information:</b>				
119 Public Information Expenses	333,190	325,100	8,090	2.5%
<b>Public Information Total</b>	<b>333,190</b>	<b>325,100</b>	<b>8,090</b>	<b>2.5%</b>
<b>Purchased Electric Plant &amp; Equip:</b>				
120 Substation Xfrs & Regulators	3,066,859	627,527	2,439,332	>200%
121 Substation Equip & Materials	1,328,651	1,281,430	47,221	3.7%
122 Line Devices	1,047,754	516,466	531,288	102.9%
123 Transformers & Related Items	3,724,851	3,213,908	510,943	15.9%
124 Meters & Related Items	800,000	650,000	150,000	23.1%
125 Land & Land Rights - Electric	2,500	27,500	(25,000)	(90.9%)
127 SCADA Communications Equipment	130,354	56,248	74,106	131.7%
128 SCADA Substation Equipment	32,125	133,709	(101,584)	(76.0%)
<b>Purchased Electric Plant and Equip Total</b>	<b>10,133,093</b>	<b>6,506,788</b>	<b>3,626,306</b>	<b>55.7%</b>
<b>Purchased General Plant &amp; Equip:</b>				
131 Structures & Improvements	1,321,500	2,910,000	(1,588,500)	(54.6%)
132 Office Equipment	8,000	8,000	-	0.0%
133 Transportation Equipment	965,000	1,219,000	(254,000)	(20.8%)
134 Tools, Shop & Stores Equipment	43,976	102,000	(58,024)	(56.9%)
135 Laboratory & Test Equipment	105,816	30,000	75,816	>200%
136 Communication Equipment	705,000	130,000	575,000	>200%
137 Capitalized Computer Software	50,000	72,000	(22,000)	(30.6%)
138 Computer Equipment	1,228,500	790,000	438,500	55.5%
<b>Purchased General Plant &amp; Equip Total</b>	<b>4,427,792</b>	<b>5,261,000</b>	<b>(833,208)</b>	<b>(15.8%)</b>
<b>Debt Service:</b>				
150 Principal	3,415,000	3,265,000	150,000	4.6%
151 Interest	2,751,147	3,072,396	(321,249)	(10.5%)
<b>Debt Service Total</b>	<b>6,166,147</b>	<b>6,337,396</b>	<b>(171,249)</b>	<b>(2.7%)</b>
<b>Other Misc. Expenditures:</b>				
200 New Services Expenses	2,500	2,500	-	0.0%
201 New Product Expenses	3,500	3,500	-	0.0%
<b>Other Misc Expenditures Total</b>	<b>6,000</b>	<b>6,000</b>	<b>-</b>	<b>0.0%</b>
<b>Depreciation:</b>				
301 Depreciation (Other)	12,652,730	11,994,800	657,930	5.5%
Transportation Equipment - Allocation	417,000	417,000	-	0.0%
<b>Depreciation Total</b>	<b>13,069,730</b>	<b>12,411,800</b>	<b>657,930</b>	<b>5.3%</b>
<b>Grand Total</b>	<b>\$184,169,560</b>	<b>\$179,064,162</b>	<b>\$5,105,398</b>	<b>2.9%</b>



# Summary of Revenues





**Comparative Revenues**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
Retail Power Sales	\$144,482,220	\$137,714,154	\$6,768,066	4.9%
Wholesale Power Sales	4,728,034	4,089,856	638,178	15.6%
Broadband Revenues	3,063,240	2,971,653	91,587	3.1%
Interest Income and Other	2,264,564	1,301,192	963,372	74.0%
Other Electric Revenue	1,485,893	1,594,884	(108,991)	(6.8%)
Joint Use Cost Share	700,000	700,000	-	0.0%
Capital Contributions:				
Electric Facilities	3,958,207	3,571,055	387,152	10.8%
Broadband Facilities	75,000	-	75,000	n/a
<b>Total Revenue</b>	<b>\$160,757,158</b>	<b>\$151,942,794</b>	<b>\$8,814,364</b>	<b>5.8%</b>

**Comparative Revenues**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
<b><u>Treasury Operations and Customer Service</u></b>				
<b>Treasury Operations</b>				
515 Interest Income	\$2,000,000	\$1,000,000	\$1,000,000	100.0%
151 BAB's Subsidy	264,564	301,192	(36,628)	(12.2%)
560 Insurance/Claims Reimbursements	100,000	100,000	-	0.0%
<b>Total Treasury Operations</b>	<b>2,364,564</b>	<b>1,401,192</b>	<b>963,372</b>	<b>68.8%</b>
<b>Customer Service</b>				
545 Other Electric Revenue	500,000	500,000	-	0.0%
<b>Total Customer Service</b>	<b>500,000</b>	<b>500,000</b>	<b>-</b>	<b>0.0%</b>
<b>Total Treasury Operations and Customer Service</b>	<b>2,864,564</b>	<b>1,901,192</b>	<b>963,372</b>	<b>50.7%</b>
<b><u>Engineering</u></b>				
523 Pole Contact Revenue	500,000	500,000	-	0.0%
525 Capital Contributions				
Angus Franklin Transmission	87,100	43,550	43,550	100.0%
Joint Use Deficiency Correction CIAC	75,000	75,000	-	0.0%
Misc. Customer Fees (Primary, etc.)	3,796,107	3,452,505	343,602	10.0%
545 Other Electric Revenue	700,000	700,000	-	0.0%
<b>Total Engineering</b>	<b>5,158,207</b>	<b>4,771,055</b>	<b>387,152</b>	<b>8.1%</b>
<b><u>Power Management</u></b>				
505 Wholesale Power Sales Revenue	3,461,291	3,878,125	(416,834)	(10.7%)
Renewable Energy Certificate Revenue	1,083,195	-	1,083,195	n/a
510 Wholesale Transmission Sales Revenue	183,548	211,731	(28,183)	(13.3%)
<b>Total Power Management</b>	<b>4,728,034</b>	<b>4,089,856</b>	<b>638,178</b>	<b>15.6%</b>
<b><u>Broadband</u></b>				
550 Products and Services Revenue				
Ethernet Revenue	1,630,314	1,673,578	(43,264)	(2.6%)
TDM Revenue	36,000	36,000	-	0.0%
Wireless Revenue	2,500	2,500	-	0.0%
Internet Transport Revenue	93,386	91,555	1,831	2.0%
Access Internet Revenue	584,000	560,000	24,000	4.3%
USC Cran	-	109,020	(109,020)	n/a
Broadband Revenue-Other (Incl. Fiber Leases)	717,040	499,000	218,040	43.7%
525 Capital Contributions				
Line Extensions	75,000	-	75,000	n/a
<b>Total Broadband</b>	<b>3,138,240</b>	<b>2,971,653</b>	<b>166,587</b>	<b>5.6%</b>
<b><u>Operations</u></b>				
<b>Supt. of Transmission &amp; Distribution</b>				
550 Products and Services Revenue				
Pre-Notifier - Tree Trimming	71,175	53,250	17,925	33.7%
Safety Coordinator	-	123,531	(123,531)	n/a
<b>Total Supt. of Transmission &amp; Distribution</b>	<b>71,175</b>	<b>176,781</b>	<b>(105,606)</b>	<b>(59.7%)</b>
<b>Supt. of Operations</b>				
535 Microwave Site Rental	71,185	71,987	(802)	(1.1%)
Rattlesnake Site Rental	49,533	52,116	(2,583)	(5.0%)
545 Other Electric Revenue				
Windfarm Maintenance	114,000	114,000	-	0.0%
<b>Total Supt. of Operations</b>	<b>234,718</b>	<b>238,103</b>	<b>(3,385)</b>	<b>(1.4%)</b>
<b>Total Operations</b>	<b>305,893</b>	<b>414,884</b>	<b>(108,991)</b>	<b>(26.3%)</b>

**Comparative Revenues**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
<b><u>Non-Departmental</u></b>				
501 Retail Energy Sales Total	137,997,908	131,533,162	6,464,746	4.9%
503 Bad Debt Expense	(270,688)	(258,008)	(12,680)	4.9%
502 City Occupation Taxes Collected	6,755,000	6,439,000	316,000	4.9%
520 Temporary Service Revenue	80,000	80,000	-	0.0%
<b>Total Non-Departmental</b>	<b>144,562,220</b>	<b>137,794,154</b>	<b>6,768,066</b>	<b>4.9%</b>
<b>Grand Total Revenue</b>	<b>\$160,757,158</b>	<b>\$151,942,794</b>	<b>\$8,814,364</b>	<b>5.8%</b>





# Labor Staffing

**Tab 5**



**Public Utility District No. 1 of Benton County  
2025 Labor & Benefits Budget**

	2025	2024		
	Budget	Original	Increase	% Change
		Budget	(Decrease)	
<b>District Labor</b>				
Regular Labor - Activity 11	\$18,322,230	\$17,228,068	\$1,094,162	6.4%
Overtime Labor - Activity 10	1,004,017	1,008,873	(4,856)	(0.5%)
<b>Total Labor</b>	<b>\$19,326,247</b>	<b>\$18,236,941</b>	<b>\$1,089,306</b>	<b>6.0%</b>
<b>District Labor Taxes &amp; Benefits</b>				
Payroll Taxes - Activity 88	\$1,457,720	\$1,377,012	\$80,708	5.9%
Employee Benefits - Activity 101	6,451,917	5,878,026	573,891	9.8%
<b>Total Labor Taxes &amp; Benefits</b>	<b>\$7,909,637</b>	<b>\$7,255,038</b>	<b>\$654,599</b>	<b>9.0%</b>
<b>District Staffing</b>				
Full Time Equivalent Positions (FTEs)	153.00	152.75	0.25	0.2%

**Public Utility District No. 1 of Benton County**  
**2025 Staffing Plan**

*Full Time Equivalent Positions (FTEs)*

Directorate	2025 Budget	2024 Budget	Increase/ (Decrease)
Executive & Finance	22.25	24.25	(2.00)
Customer Service & Treasury Operations	18.50	18.00	0.50
Engineering	18.25	17.25	1.00
Power Management	8.00	8.00	0.00
Operations	67.25	67.50	(0.25)
IT	18.75	17.75	1.00
<b>Authorized District Positions</b>	<b>153.00</b>	<b>152.75</b>	<b>0.25</b>
Less: FTEs utilized by other local utilities*	(0.50)	(1.10)	0.60
<b>District Adjusted FTEs</b>	<b>152.50</b>	<b>151.65</b>	<b>0.85</b>

\*Position that is shared with other local utilities is Vegetation Management

**Change in FTEs** **0.85**

**Executive & Finance** **(2.00)**

**Dept. 1 - Executive**

- Remove - Director of Executive Administration (1.00)
- Remove - Security Program Manager - Transferred to IT (1.00)
- Remove - Manager of Government and Community Relations - Transferred to Finance & Business Services (1.00)
- Remove - Senior Communications Specialist - Transferred to Finance & Business Services (1.00)

**Dept. 2 - Human Resources**

- Remove - HR Intern - Transferred to Communications (0.25)

**Dept. 11 - Finance & Business Services**

- Add - Manager of Government and Community Relations - Transferred from Executive 1.00
- Add - Senior Communications Specialist - Transferred from Executive 1.00

**Dept. 43 - Communications & Customer Engagement**

- Add - Communications Intern - Transferred from HR 0.25

**Customer Service & Treasury Operations** **0.50**

**Dept. 44 - Customer Service**

- Add - Customer Service Representative 2.00
- Remove - Customer Service Representative (Planned Attrition for Upcoming Retirement) (1.00)
- Remove - Customer Service Representative - On Call (0.50)

**Engineering** **1.00**

**Dept. 21 - Engineering**

- Add - Distribution Designer - Transferred from Customer Engineering 1.00
- Add - Distribution Designer 1.00

**Dept. 22 - Customer Engineering**

- Remove - Distribution Designer - Transferred to Engineering (1.00)

**Operations** **0.35**

**Dept. 31 - Operations**

- Remove - Utility Safety Manager (1.00)
- Remove - FTE utilized by other Local Utilities (Safety Coordinator) 0.60

**Dept. 34 - Meter Shop**

- Add - Meterman - Journeyman (Retirement Overlap) 0.25
- Add - NECA Temp. Craft - Meterman 0.25
- Add - NECA Temp. Craft - Meter Reader 0.25

**IT** **1.00**

**Dept. 15 - Infrastructure**

- Remove - IT Support Specialist III (1.00)

**Dept. 18 - System Applications**

- Add - OT Network 1.00
- Add - Physical Security Coordinator - Transferred from Executive 1.00



**Public Utility District No. 1 of Benton County  
2024 Payroll Taxes and Employee Benefits Allocation Budget**

**Overview**

The District allocates the cost of payroll taxes, employee benefits (including paid time off) over actual regular productive work hours. Overtime hours receive an allocation of those payroll taxes and benefits that directly relate to overtime. Payroll taxes and employee benefit costs are distributed to applicable general ledger accounts via activity codes 88 and 101, respectively, by applying a percentage rate to overtime and regular labor (activity codes 10 and 11, respectively). Calculation of the percentage rate is provided below.

<b>Labor Breakdown</b>	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>Notes</b>
Labor charged to Expense	\$11,613,414	\$11,065,173	\$548,241	
Labor charged to Capital	3,055,157	3,037,985	17,172	
Labor charged to Warehouse & Equipment Maintenance	700,502	694,080	6,422	
<i>Total Productive Labor</i>	<i>15,369,073</i>	<i>14,797,238</i>	<i>571,835</i>	
Paid Leave - Includes Holidays and Personal Leave	2,953,157	2,430,830	522,327	
<b>Total Regular Labor</b>	<b>\$18,322,230</b>	<b>\$17,228,068</b>	<b>\$1,094,162</b>	
<b>Benefits/Taxes</b>				
Social Security	\$1,177,489	\$1,112,577	\$64,913	
Medicare	280,231	264,436	15,795	
State Industrial	219,816	174,289	45,526	This represents 80% of the employer portion of the total L&I charges with a 3% increase assumption. The District's experience rating is factored into the premiums.
Unemployment	7,000	11,000	(4,000)	The District does not pay unemployment tax but instead reimburses the State for benefits paid to former employees.
PERS	1,727,084	1,662,035	65,049	According to the Collective Bargaining Agreement, the District provides a deferred compensation match of 3%. In addition, there is a \$50 per month contribution to a VEBA account along with an additional \$150 per month contribution which is dependent on the employee's participation in a wellness program. As of 9/1/2024, the employer rate for PERS was set at 9.11%. On March 12, 2024 the commission approved a 401(a) contribution to employees that are in a full-time supervisory position.
Deferred Compensation	765,290	506,253	259,036	
VEBA Contribution	361,800	361,200	600	
Medical Insurance	2,798,016	2,669,314	128,702	The 2025 budget assumes a 12.6% increase for medical, and no increase for dental and vision insurance on 1/1/2025.
Dental Insurance	219,375	217,687	1,688	
Vision Insurance	37,536	37,247	288	
Life Insurance	38,000	36,000	2,000	
STD Admin Fee	3,000	3,000	-	
<b>Total Benefits/Taxes</b>	<b>\$7,634,636</b>	<b>\$7,055,039</b>	<b>\$579,598</b>	
<b>Leave</b>				
Change PL Liability	\$200,000	\$200,000	\$0	
Paid Time Off (PL)	2,953,157	2,430,830	522,327	This represents 16% of regular labor. The 2025 budget assumed a 2% increase in leave for the a two additional floating holidays for non-bargaining employees that was approved by the commission on March 12, 2024.
Paid Time Off (PL) Incentive Qualification	75,000	-	75,000	
<b>Leave Subtotal</b>	<b>\$3,228,157</b>	<b>\$2,630,830</b>	<b>\$597,327</b>	
<b>Total Benefits/Taxes and Leave</b>	<b>\$10,862,793</b>	<b>\$9,685,869</b>	<b>\$1,176,925</b>	

**Allocation Rate - Regular and Overtime**

Total Regular Benefits/Taxes and Leave	\$10,862,793
Total Regular Productive Labor	\$15,369,072
<b>Allocation Rate - Regular Time</b>	<b>70.68%</b>





# Budget by Directorate

**Tab 6**



**Revenue and Expense Summary by Department**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

	<b>2025 Budget</b>	<b>2024 Original Budget</b>	<b>Increase/ (Decrease)</b>	<b>% Change</b>
<b>REVENUE</b>				
<i>Treasury Operations and Customer Service</i>	\$2,864,564	\$1,901,192	\$963,372	50.7%
<i>Broadband</i>	3,138,240	2,971,653	166,587	5.6%
<i>Engineering</i>	5,158,207	4,771,055	387,152	8.1%
<i>Power Management</i>	4,728,034	4,089,856	638,178	15.6%
<i>Operations</i>	305,893	414,884	(108,991)	(26.3%)
<i>Non-Departmental</i>	144,562,220	137,794,154	6,768,066	4.9%
<b>Total Revenue</b>	<b>\$160,757,158</b>	<b>\$151,942,794</b>	<b>\$8,814,364</b>	<b>5.8%</b>
<b>EXPENSES</b>				
<i>Executive and Finance</i>	\$4,619,171	\$5,111,351	(\$492,180)	(9.6%)
<i>Treasury Operations and Customer Service</i>	3,810,624	3,225,641	584,983	18.1%
<i>Information Technology</i>	7,887,190	5,606,453	2,280,737	40.7%
<i>Broadband</i>	2,495,110	2,448,971	46,139	1.9%
<i>Engineering</i>	20,982,933	20,938,369	44,564	0.2%
<i>Power Management</i>	85,273,108	83,295,808	1,977,300	2.4%
<i>Operations</i>	16,615,910	17,806,334	(1,190,424)	(6.7%)
<i>Non-Departmental</i>	42,485,514	40,631,234	1,854,280	4.6%
<b>Total Expenses</b>	<b>\$184,169,560</b>	<b>\$179,064,161</b>	<b>\$5,105,399</b>	<b>2.9%</b>





# **Executive & Finance**





## Summary by Expense by Directorate 2025 Budget

<b>Directorate</b>	<b>Executive &amp; Finance</b>
--------------------	--------------------------------

Department	2025 Budget
1 - General Manager, Commission	\$1,461,569
2 - Human Resources	401,800
11 - Finance & Business Services	1,565,203
12 - Government Relations	231,850
14 - General Accounting	715,766
17 - Procurement	17,575
43 - Communications	225,408
<b>Grand Total</b>	<b>\$4,619,171</b>

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

Directorate	Executive & Finance
-------------	---------------------

Department	Activity	2025	2024	Increase / (Decrease)	% Increase / (Decrease)
		Budget	Original Budget		
<b>1 - General Manager, Commission</b>	11 - All Other District Labor	\$762,416	\$1,623,010	(\$860,594)	(53.0%)
	33 - Office Supplies & Expenses	14,200	14,200	-	0.0%
	42 - Business Expense & Travel	75,000	75,000	-	0.0%
	43 - Training Expense & Travel	19,900	21,500	(1,600)	(7.4%)
	44 - Other General Expenses	20,000	45,000	(25,000)	(55.6%)
	45 - Subscriptions & Publications	12,854	11,533	1,321	11.5%
	61 - Professional Services	85,000	85,000	-	0.0%
	72 - Industry Assoc Assessments	472,199	444,794	27,405	6.2%
<b>1 - General Manager, Commission Total</b>		<b>1,461,569</b>	<b>2,320,037</b>	<b>(858,468)</b>	<b>(37.0%)</b>
<b>2 - Human Resources</b>	42 - Business Expense & Travel	5,700	2,700	3,000	111.1%
	43 - Training Expense & Travel	14,500	14,900	(400)	(2.7%)
	44 - Other General Expenses	47,250	47,250	-	0.0%
	45 - Subscriptions & Publications	5,800	5,800	-	0.0%
	61 - Professional Services	130,250	226,750	(96,500)	(42.6%)
	72 - Industry Assoc Assessments	31,800	31,800	-	0.0%
	104 - Other Employee Costs	166,500	167,000	(500)	(0.3%)
<b>2 - Human Resources Total</b>		<b>401,800</b>	<b>496,200</b>	<b>(94,400)</b>	<b>(19.0%)</b>
<b>11 - Finance &amp; Business Services</b>	10 - District Overtime Labor	-	1,000	(1,000)	(100.0%)
	11 - All Other District Labor	1,546,376	811,406	734,970	90.6%
	33 - Office Supplies & Expenses	5,000	5,000	-	0.0%
	42 - Business Expense & Travel	10,000	1,300	8,700	669.2%
	43 - Training Expense & Travel	2,300	1,600	700	43.8%
	45 - Subscriptions & Publications	200	200	-	0.0%
	72 - Industry Assoc Assessments	1,327	1,292	35	2.7%
<b>11 - Finance &amp; Business Services Total</b>		<b>1,565,203</b>	<b>821,798</b>	<b>743,405</b>	<b>90.5%</b>
<b>12 - Government Relations</b>	42 - Business Expense & Travel	8,800	8,800	-	0.0%
	61 - Professional Services	78,000	78,000	-	0.0%
	70 - Civic & Service Organizations	21,015	21,095	(80)	(0.4%)
	72 - Industry Assoc Assessments	5,185	5,285	(100)	(1.9%)
	119 - Public Information Expenses	118,850	107,000	11,850	11.1%
<b>12 - Government Relations Total</b>		<b>231,850</b>	<b>220,180</b>	<b>11,670</b>	<b>5.3%</b>
<b>14 - General Accounting</b>	10 - District Overtime Labor	500	500	-	0.0%
	11 - All Other District Labor	610,043	564,297	45,746	8.1%
	43 - Training Expense & Travel	6,500	4,000	2,500	62.5%
	45 - Subscriptions & Publications	1,360	1,360	-	0.0%
	60 - Audit Examination - State	96,000	93,000	3,000	3.2%
	72 - Industry Assoc Assessments	1,183	1,495	(312)	(20.9%)
	104 - Other Employee Costs	180	390	(210)	(53.8%)
<b>14 - General Accounting Total</b>		<b>715,766</b>	<b>665,042</b>	<b>50,724</b>	<b>7.6%</b>
<b>17 - Procurement</b>	33 - Office Supplies & Expenses	6,000	11,000	(5,000)	(45.5%)
	42 - Business Expense & Travel	3,000	1,300	1,700	130.8%
	43 - Training Expense & Travel	5,400	4,500	900	20.0%
	44 - Other General Expenses	2,565	2,565	-	0.0%
	72 - Industry Assoc Assessments	610	610	-	0.0%
<b>17 - Procurement Total</b>		<b>17,575</b>	<b>19,975</b>	<b>(2,400)</b>	<b>(12.0%)</b>
<b>43 - Communications</b>	11 - All Other District Labor	-	293,616	(293,616)	(100.0%)
	33 - Office Supplies & Expenses	-	6,000	(6,000)	(100.0%)
	42 - Business Expense & Travel	6,000	15,600	(9,600)	(61.5%)
	43 - Training Expense & Travel	3,000	-	3,000	N/A
	45 - Subscriptions & Publications	2,068	1,603	465	29.0%
	61 - Professional Services	-	35,000	(35,000)	(100.0%)
	72 - Industry Assoc Assessments	-	700	(700)	(100.0%)
	119 - Public Information Expenses	214,340	215,600	(1,260)	(0.6%)
<b>43 - Communications Total</b>		<b>225,408</b>	<b>568,119</b>	<b>(342,711)</b>	<b>(60.3%)</b>
<b>Grand Total</b>		<b>\$4,619,171</b>	<b>\$5,111,351</b>	<b>(\$492,180)</b>	<b>(9.6%)</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>1 - General Manager, Commission</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>11 - All Other District Labor</b>	Admin and General	920.00		\$567,778
	Customer Accounting	903.00		40,968
	Personal Leave	184.30		121,987
	Purchased Power	557.00		31,683
<b>11 - All Other District Labor Total</b>				<b>762,416</b>
<b>33 - Office Supplies &amp; Expenses</b>	Misc Office Supplies (Exec, HR & Communications)	921.00		8,000
	Off-Site Storage of Permanent Records (Vital Record Holdings)	921.00		1,200
	Records Mgmt - Shredding Services (CI Shred)	921.00		5,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>14,200</b>
<b>42 - Business Expense &amp; Travel</b>	Commission Travel	930.20		53,000
	General Manager	921.00		22,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>75,000</b>
<b>43 - Training Expense &amp; Travel</b>	ARMA Local/In-State Trainings (Records Administrator)	921.00		700
	Misc Training/Conferences (Local or Regional Seminars/Trainings)	921.00		1,900
	NWPPA Admin Assistants Conference (Clerk, Administrative Assistant)	921.00		3,000
	WAPRO Bi-Annual Training (Director, Clerk, Records Administrator)	921.00		2,500
	WMCA Annual Conference	921.00		2,800
	WMCA CMC Certification	921.00		3,000
	WPUDA Bi-Annual Assistants Meeting (Administrative Assistant)	921.00		1,500
	WPUDA Bi-Annual Records Roundtable (Records Administrator)	921.00		1,500
	NWPPA Washington Utilities Records Mgmt Meeting (Records Administrator)	921.00		3,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>19,900</b>
<b>44 - Other General Expenses</b>	Election Costs	930.20		20,000
<b>44 - Other General Expenses Total</b>				<b>20,000</b>
<b>45 - Subscriptions &amp; Publications</b>	Clearing Up (NewsData)	930.20		9,700
	Energy GPS Burrito Newsletter	930.20		900
	Energy GPS Newsletter	930.20		1,600
	Grid Brief Newsletter Subscription	930.20		150
	Wall Street Journal	930.20		504
<b>45 - Subscriptions &amp; Publications Total</b>				<b>12,854</b>
<b>61 - Professional Services</b>	Contract Attorney	923.00		75,000
	Misc. Legal (Gordon Thomas Honeywell)	923.00		10,000
<b>61 - Professional Services Total</b>				<b>85,000</b>
<b>72 - Industry Assoc Assessments</b>	APPA	930.20		51,280
	ARMA Membership - Includes Local Chapter (Records Administrator)	921.00		200
	CRTPG - Columbia River Treaty Power Group	557.00		3,750
	IEEE (General Manager)	921.00		253
	IIMC - International Institute of Municipal Clerks (Clerk)	921.00		450
	NAGARA Membership (Records Administrator)	921.00		89
	Notary (Supv. Exec. Administration/ Administrative Assistant)	921.00		100
	NW River Partners	557.00		54,290
	NW River Partners Media Campaign	557.00		40,719
	NWPPA	930.20		31,350
	PNUCC	557.00		13,547
	PNWA, PNWA River Values Media Campaign & PNWA Inland Ports & Nav Group	557.00		24,450
	Professional Engineers License (General Manager)	921.00		116
	Public Power Council (PPC)	557.00		71,215
	Rotary Club of Tri Cities Sunrise (Commission)	930.20		600
	SHRM (Communications Specialist)	921.00		264
	South Central WMCA (Clerk)	921.00		50
	TRIDEC	930.20		20,000
	WA Municipal Clerk Association (Clerk)	921.00		200
	WA Public Records Officer Association (Director /Clerk/ Records Administrator)	921.00		50
	WPUDA	930.20		159,226
<b>72 - Industry Assoc Assessments Total</b>				<b>472,199</b>
<b>Grand Total</b>				<b>\$1,461,569</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>2 - Human Resources</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>42 - Business Expense &amp; Travel</b>	CWPU, UIP, EIAC, RP3 Meetings	921.00		\$4,500
	Executive - Leadership Planning Workshop	921.00		700
	HR - Other Business Travel or Expense	921.00		500
<b>42 - Business Expense &amp; Travel Total</b>				<b>5,700</b>
<b>43 - Training Expense &amp; Travel</b>	District - Leadership & Developmental Training Expenses	921.00		500
	HR - Affiliate, System or Program Conferences	921.00		14,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>14,500</b>
<b>44 - Other General Expenses</b>	Driver Abstracts & Clearinghouse Queries	921.00		2,500
	Employee Recognition & Programs	921.00		5,000
	Energy Northwest Internship Program	921.00		5,000
	General Expenses - Misc.	921.00		250
	Recruitment - Advertising and Career Fairs	921.00		20,000
	Recruitment - Background Screening	921.00		4,000
	Recruitment - Interview/Travel Expenses	921.00		3,000
	Recruitment - Physicals & DOT Screens	921.00		3,000
	SHL Aptitude Tests	921.00		1,500
	Trucking Consortium - Collections	921.00		3,000
<b>44 - Other General Expenses Total</b>				<b>47,250</b>
<b>45 - Subscriptions &amp; Publications</b>	Labor Law Poster Updates	921.00		300
	Salary Surveys	921.00		5,500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>5,800</b>
<b>61 - Professional Services</b>	Consultant - Affirmative Action	923.00		1,750
	District - EmPOWERed Field Trip Transportation	923.00		5,000
	District - EmPOWERed Training (Campbell)	923.00		85,000
	District - Guest safety speaker fee	923.00		5,000
	District - Sylvan Test Proctor	923.00		1,500
	Leadership training	923.00		20,000
	Legal Services	923.00		10,000
	Trucking Consortium (Service Fee & Training)	923.00		2,000
<b>61 - Professional Services Total</b>				<b>130,250</b>
<b>72 - Industry Assoc Assessments</b>	CWPU Membership Assessments	921.00		30,000
	District - Assoc. of WA Cities Membership	921.00		500
	HR Staff - SHRM Professional Memberships (3)	921.00		750
	HR Staff - World at Work Memberships (2)	921.00		550
<b>72 - Industry Assoc Assessments Total</b>				<b>31,800</b>
<b>104 - Other Employee Costs</b>	360 Wellbeing Incentive	926.10		40,000
	Assessments - ADA, Ergonomic & Fitness For Duty	926.10		500
	Assessments - CDL Medical Certifications	926.10		4,000
	COBRA Administration	926.10		500
	CWPU Wellness Program/Catapult	926.10		5,000
	District - Annual Employee Event	926.10		10,000
	District - Employee Logo Clothing	926.10		10,000
	District - EmPOWERed Employee Event	926.10		3,000
	Employee Assistance Program (EAP) Mediation	926.10		500
	Flex 125 Plan Administration	926.10		2,000
	HealthInvest Administration Fee	926.10		1,000
	Local Wellness Activities & Events	926.10		15,000
	Safety Program - Supplies & Activities/Events	926.10		5,000
	Safety Incentive	926.10		40,000
	Tuition Reimbursement	926.10		30,000
<b>104 - Other Employee Costs Total</b>				<b>166,500</b>
<b>Grand Total</b>				<b>\$401,800</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>11 - Finance &amp; Business Services</b>
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<b>Activity</b>	<b>Description</b>	<b>GL Acct</b>	<b>BU Project</b>	<b>2025 Budget</b>
<b>11 - All Other District Labor</b>	Admin and General	<b>920.00</b>		\$946,144
	Customer Accounting	<b>903.00</b>		113,203
	Distribution O&M	<b>588.00</b>		184,098
	Personal Leave	<b>184.30</b>		247,420
	Purchased Power	<b>557.00</b>		55,511
<b>11 - All Other District Labor Total</b>				<b>1,546,376</b>
<b>33 - Office Supplies &amp; Expenses</b>	Misc Office Supplies	<b>921.00</b>		5,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>5,000</b>
<b>42 - Business Expense &amp; Travel</b>	PPC/WPUDA/NWPPA	<b>921.00</b>		10,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>10,000</b>
<b>43 - Training Expense &amp; Travel</b>	Communications	<b>921.00</b>		2,000
	GFOA (Director)	<b>921.00</b>		300
<b>43 - Training Expense &amp; Travel Total</b>				<b>2,300</b>
<b>45 - Subscriptions &amp; Publications</b>	Misc. Publications (Director)	<b>921.00</b>		200
<b>45 - Subscriptions &amp; Publications Total</b>				<b>200</b>
<b>72 - Industry Assoc Assessments</b>	AICPA (American Institute of CPAs) Membership (Director)	<b>921.00</b>		350
	CMA License - IMA (Inst of Mgmt Accountants) (Director)	<b>921.00</b>		290
	CPA License - WA ST Board of Accountancy (Director)	<b>921.00</b>		77
	GFOA (Government Finance Officers Assoc) Membership (Director)	<b>921.00</b>		280
	WSCPAs (WA State Board of CPAs) Membership (Director)	<b>921.00</b>		330
<b>72 - Industry Assoc Assessments Total</b>				<b>1,327</b>
<b>Grand Total</b>				<b>\$1,565,203</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>12 - Government Relations</b>
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<b>Activity</b>	<b>Description</b>	<b>GL Acct</b>	<b>BU Project</b>	<b>2025 Budget</b>
42 - Business Expense & Travel	NWPPA, PPC, WPUA (Manager)	921.00		\$8,800
<b>42 - Business Expense &amp; Travel Total</b>				<b>8,800</b>
61 - Professional Services	Governmental Relations	910.00		78,000
<b>61 - Professional Services Total</b>				<b>78,000</b>
70 - Civic & Service Organizations	Benton City Chamber of Commerce	921.00		350
	Prosser Chamber of Commerce	921.00		315
	Prosser Economic Development Association	921.00		3,000
	Tri-Cities Hispanic Chamber of Commerce	921.00		350
	Tri-Cities Regional Chamber of Commerce	921.00		12,000
	Visit Tri-Cities	921.00		5,000
<b>70 - Civic &amp; Service Organizations Total</b>				<b>21,015</b>
72 - Industry Assoc Assessments	CSRIA - Columbia Snake River Irrigators Assoc	921.00		4,400
	FWEE - Foundation for Water & Energy Education	910.00		500
	TC Public Relations Society of America (Mgr. of Communication)	910.00		285
<b>72 - Industry Assoc Assessments Total</b>				<b>5,185</b>
119 - Public Information Expenses	Public Education/Community Outreach	910.00		118,850
<b>119 - Public Information Expenses Total</b>				<b>118,850</b>
<b>Grand Total</b>				<b>\$231,850</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>14 - General Accounting</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Admin General	<b>920.00</b>		\$500
<b>10 - District Overtime Labor Total</b>				<b>500</b>
<b>11 - All Other District Labor</b>	Admin and General	<b>920.00</b>		512,436
	Personal Leave	<b>184.30</b>		97,607
<b>11 - All Other District Labor Total</b>				<b>610,043</b>
<b>43 - Training Expense &amp; Travel</b>	Training (Manager)	<b>921.00</b>		2,000
	Training (Analyst/Specialist)	<b>921.00</b>		3,000
	Training (AP/Payroll)	<b>921.00</b>		500
	WPUDA Finance Meetings	<b>921.00</b>		1,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>6,500</b>
<b>45 - Subscriptions &amp; Publications</b>	Accounting Publications	<b>921.00</b>		300
	Governmental GAAP (Various)	<b>921.00</b>		600
	GFOA Fee - ACFR Excellence in Reporting program	<b>921.00</b>		460
<b>45 - Subscriptions &amp; Publications Total</b>				<b>1,360</b>
<b>60 - Audit Examination - State</b>	Financial Statement External Audit	<b>923.00</b>		66,000
	State Auditors Office	<b>923.00</b>		30,000
<b>60 - Audit Examination - State Total</b>				<b>96,000</b>
<b>72 - Industry Assoc Assessments</b>	AICPA (American Institute of CPAs) (Manager/Analyst)	<b>921.00</b>		350
	CPA License - WA State Board of Accountancy (Manager/Analyst)	<b>921.00</b>		153
	WSCPAs (Wash. Society of CPAs) (Manager/Analyst)	<b>921.00</b>		680
<b>72 - Industry Assoc Assessments Total</b>				<b>1,183</b>
<b>104 - Other Employee Costs</b>	Employee Recognition	<b>921.00</b>		180
<b>104 - Other Employee Costs Total</b>				<b>180</b>
<b>Grand Total</b>				<b>\$715,766</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>17 - Procurement</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>33 - Office Supplies &amp; Expenses</b>	Misc Office Supplies	<b>588.00</b>		\$1,000
	Paper, Envelopes, Mailing Labels, Letterhead	<b>588.00</b>		5,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>6,000</b>
<b>42 - Business Expense &amp; Travel</b>	Plant Tour (Manager)	<b>588.00</b>		3,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>3,000</b>
<b>43 - Training Expense &amp; Travel</b>	Contracts & Purchasing Training State DES (Manager/Administrator/Specialist)	<b>921.00</b>		3,000
	ISM Seminar (Local) (Manager/Buyer)	<b>921.00</b>		600
	L & I Training (Manager/Buyer/Coordinator)	<b>921.00</b>		300
	NIGP - Contract Training (Manager)	<b>921.00</b>		1,500
<b>43 - Training Expense &amp; Travel Total</b>				<b>5,400</b>
<b>44 - Other General Expenses</b>	Advertising (A & E Notice, Vendor Notice, Bids, & RFPs)	<b>921.00</b>		2,000
	Costco Membership	<b>921.00</b>		165
	Small Works Administrative Fee	<b>921.00</b>		400
<b>44 - Other General Expenses Total</b>				<b>2,565</b>
<b>72 - Industry Assoc Assessments</b>	NIGP Membership Dues (Administrator/Specialist)	<b>588.00</b>		120
	NIGP Membership Dues (Base Agency Fee) (Manager)	<b>588.00</b>		190
	ISM - Institute of Supply Chain Management (Manager)	<b>588.00</b>		300
<b>72 - Industry Assoc Assessments Total</b>				<b>610</b>
<b>Grand Total</b>				<b>\$17,575</b>



**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>43 - Communications</b>
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<b>Activity</b>	<b>Description</b>	<b>GL Acct</b>	<b>BU Project</b>	<b>2025 Budget</b>
42 - Business Expense & Travel	Business Travel & Expense	921.00		\$6,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>6,000</b>
43 - Training Expense & Travel	Tableau (Demory)	921.00		3,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>3,000</b>
45 - Subscriptions & Publications	Tunetank, Capital Press, Canva, Seattle Times, PRB, TCH, Hootsuite	921.00		2,068
<b>45 - Subscriptions &amp; Publications Total</b>				<b>2,068</b>
119 - Public Information Expenses	Printing/Advertising	910.00		125,540
	Radio	910.00		88,800
<b>119 - Public Information Expenses Total</b>				<b>214,340</b>
<b>Grand Total</b>				<b>\$225,408</b>





# **Treasury Operations & Customer Service**



## Summary by Expense by Directorate 2025 Budget

Directorate	Customer Service & Treasury Operations
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Department	2025 Budget
16 - Treasurer	\$2,039,394
44 - Customer Service	1,771,230
<b>Grand Total</b>	<b>\$3,810,624</b>

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

Directorate		Customer Service & Treasury Operations				
Department	Activity	2025 Budget	2024 Original Budget	Increase / (Decrease)	% Increase / (Decrease)	
16 - Treasurer	11 - All Other District Labor	\$357,814	\$0	\$357,814	N/A	
	34 - Insurance	1,171,400	1,028,300	143,100	13.9%	
	41 - Insurance Damages & Other Reim	10,000	10,000	-	0.0%	
	42 - Business Expense & Travel	1,300	1,300	-	0.0%	
	43 - Training Expense & Travel	3,600	3,600	-	0.0%	
	46 - Treasurer Expenses	462,700	501,000	(38,300)	(7.6%)	
	61 - Professional Services	32,500	32,500	-	0.0%	
	72 - Industry Assoc Assessments	80	80	-	0.0%	
<b>16 - Treasurer Total</b>		<b>2,039,394</b>	<b>1,576,780</b>	<b>462,614</b>	<b>29.3%</b>	
44 - Customer Service	10 - District Overtime Labor	20,479	20,479	-	0.0%	
	11 - All Other District Labor	1,111,951	1,004,627	107,324	10.7%	
	30 - Customer Service Expenses	578,600	566,855	11,745	2.1%	
	33 - Office Supplies & Expenses	24,000	24,000	-	0.0%	
	39 - Maint of Equipment	3,500	3,500	-	0.0%	
	43 - Training Expense & Travel	16,500	10,700	5,800	54.2%	
	44 - Other General Expenses	5,000	5,000	-	0.0%	
	45 - Subscriptions & Publications	200	200	-	0.0%	
	61 - Professional Services	5,000	5,000	-	0.0%	
	119 - Public Information Expenses	-	2,500	(2,500)	(100.0%)	
	200 - New Services Expenses	2,500	2,500	-	0.0%	
	201 - New Product Expenses	3,500	3,500	-	0.0%	
<b>44 - Customer Service Total</b>		<b>1,771,230</b>	<b>1,648,861</b>	<b>122,369</b>	<b>7.4%</b>	
<b>Grand Total</b>		<b>\$3,810,624</b>	<b>\$3,225,641</b>	<b>\$584,983</b>	<b>18.1%</b>	

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>16 - Treasurer</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>11 - All Other District Labor</b>	Admin and General	920.00		\$218,922
	Customer Accounting	903.00		26,199
	Distribution O&M	588.00		42,598
	Personal Leave	184.30		57,250
	Purchased Power	557.00		12,845
<b>11 - All Other District Labor Total</b>				<b>357,814</b>
<b>34 - Insurance</b>	Crime Policy	925.00		4,900
	Cyber Security Insurance	925.00		37,400
	Fiduciary Liability Policy	925.00		14,900
	Liability, Directors & Officers	925.00		21,600
	Liability, Excess \$65 million, EIM	925.00		152,400
	Liability, excess General & Professional, AEGIS	925.00		367,800
	Liability, General Assessment	925.00		150,000
	Other Insurance Policies (Flood, Bonds, Fronting, etc)	925.00		1,100
	Property, Excess, National Union Fire	924.00		245,500
	Property, General Assessment	924.00		80,000
	Railroad	925.00		3,000
	Special Trips	925.00		1,600
	Storage Tank Pollution Liability, WA. State	925.00		1,200
	Contingency Reserve Assessment	925.00		90,000
<b>34 - Insurance Total</b>				<b>1,171,400</b>
<b>41 - Insurance Damages &amp; Other Reim</b>	Direct Payment of Damages and Other Reimbursements	925.00		10,000
<b>41 - Insurance Damages &amp; Other Reim Total</b>				<b>10,000</b>
<b>42 - Business Expense &amp; Travel</b>	PURMS (Manager)	921.00		1,300
<b>42 - Business Expense &amp; Travel Total</b>				<b>1,300</b>
<b>43 - Training Expense &amp; Travel</b>	NWPPA / APPA / Rates (Manager/Analyst)	921.00		1,900
	Training (Analyst/Specialist)	921.00		1,000
	WPTA (Analyst)	921.00		400
	WPUA Finance Officers (Manage/Analyst)	921.00		300
<b>43 - Training Expense &amp; Travel Total</b>				<b>3,600</b>
<b>46 - Treasurer Expenses</b>	Bank Service Fees (Bank of America)	921.00		25,000
	Credit Card Processor Fees (NISC)	903.00		410,000
	Fiscal Agent Fees (US Bank)	921.00		2,200
	Investment Custody Fees (Principal)	921.00		4,000
	NISC - Banking Fees (Citi Bank First Data/Jack Henry)	903.00		11,500
	US Payments (Kiosk Transaction/Processing Fees)	903.00		10,000
<b>46 - Treasurer Expenses Total</b>				<b>462,700</b>
<b>61 - Professional Services</b>	Bond Counsel/Financial Advisor	923.00		8,500
	Fitch Ratings	923.00		7,500
	Moodys Investors Service	923.00		1,500
	Retail Rate Design Consultant	916.00		10,000
	Standard & Poors	923.00		5,000
<b>61 - Professional Services Total</b>				<b>32,500</b>
<b>72 - Industry Assoc Assessments</b>	WPTA	921.00		80
<b>72 - Industry Assoc Assessments Total</b>				<b>80</b>
<b>Grand Total</b>				<b>\$2,039,394</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>44 - Customer Service</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
10 - District Overtime Labor	Labor - Overtime - Customer Accounting	903.00		\$20,479
<b>10 - District Overtime Labor Total</b>				<b>20,479</b>
11 - All Other District Labor	Customer Accounting	903.00		934,039
	Personal Leave	184.30		177,912
<b>11 - All Other District Labor Total</b>				<b>1,111,951</b>
30 - Customer Service Expenses	Application Processing Fees (Helping Hands/Disabled Disc Programs)	903.00		9,800
	Armored Car, Kennewick & Prosser Kiosks, Dropbox	903.00		39,000
	Cash Vault Services	903.00		20,000
	Identity Verifications and Adverse Action Letters	903.00		16,700
	Interpretation Services	903.00		3,600
	Mail Machine Rental Fee	903.00		3,500
	NISC - Messenger Letters, Urgent Notices, LL, Autopay, Budget Plan	903.00		90,000
	NISC - Print & Mail Services (forms, envelopes, data)	903.00		365,000
	NISC - Special Handle Bill Postage/Online Payments RPPS/Fiserv	903.00		9,000
	Non-Bill District Postage Costs	903.00		22,000
<b>30 - Customer Service Expenses Total</b>				<b>578,600</b>
33 - Office Supplies & Expenses	Misc Office Supplies	903.00		24,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>24,000</b>
39 - Maint of Equipment	Postage Meter & Mail Insert Machine Expenses	903.00		3,500
<b>39 - Maint of Equipment Total</b>				<b>3,500</b>
42 - Business Expense & Travel	CS Week/NWPPA	903.00		1,500
	NISC - MIC	903.00		8,000
	NISC/WPUDA users Groups	903.00		3,500
<b>42 - Business Expense &amp; Travel Total</b>				<b>13,000</b>
43 - Training Expense & Travel	CSR Training Off Site/QA Program	903.00		3,500
<b>43 - Training Expense &amp; Travel Total</b>				<b>3,500</b>
44 - Other General Expenses	Other Expenses	903.00		5,000
<b>44 - Other General Expenses Total</b>				<b>5,000</b>
45 - Subscriptions & Publications	Dues and Subscriptions	903.00		200
<b>45 - Subscriptions &amp; Publications Total</b>				<b>200</b>
61 - Professional Services	Professional Services	903.00		5,000
<b>61 - Professional Services Total</b>				<b>5,000</b>
200 - New Services Expenses	Demos of New Services	903.00		2,500
<b>200 - New Services Expenses Total</b>				<b>2,500</b>
201 - New Product Expenses	Demos of New Products	903.00		3,500
<b>201 - New Product Expenses Total</b>				<b>3,500</b>
<b>Grand Total</b>				<b>\$1,771,230</b>





# **Information Technology / Broadband**

**Tab 6**



## Summary by Expense by Directorate 2025 Budget

Directorate	Information Technology														
<table border="1"> <thead> <tr> <th data-bbox="133 394 1315 430">Department</th> <th data-bbox="1315 394 1474 430">2025 Budget</th> </tr> </thead> <tbody> <tr> <td data-bbox="133 430 1315 466">3 - Security</td> <td data-bbox="1315 430 1474 466">\$306,665</td> </tr> <tr> <td data-bbox="133 466 1315 501">15 - IT Infrastructure</td> <td data-bbox="1315 466 1474 501">2,429,710</td> </tr> <tr> <td data-bbox="133 501 1315 537">18 - IT Applications</td> <td data-bbox="1315 501 1474 537">3,342,715</td> </tr> <tr> <td data-bbox="133 537 1315 573">19 - IT Data Management</td> <td data-bbox="1315 537 1474 573">164,400</td> </tr> <tr> <td data-bbox="133 573 1315 609">20 - Operational Technology</td> <td data-bbox="1315 573 1474 609">1,643,700</td> </tr> <tr> <td data-bbox="133 609 1315 655"><b>Grand Total</b></td> <td data-bbox="1315 609 1474 655"><b>\$7,887,190</b></td> </tr> </tbody> </table>		Department	2025 Budget	3 - Security	\$306,665	15 - IT Infrastructure	2,429,710	18 - IT Applications	3,342,715	19 - IT Data Management	164,400	20 - Operational Technology	1,643,700	<b>Grand Total</b>	<b>\$7,887,190</b>
Department	2025 Budget														
3 - Security	\$306,665														
15 - IT Infrastructure	2,429,710														
18 - IT Applications	3,342,715														
19 - IT Data Management	164,400														
20 - Operational Technology	1,643,700														
<b>Grand Total</b>	<b>\$7,887,190</b>														

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

<b>Directorate</b>	<b>Information Technology</b>
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Department	Activity	2025	2024	Increase / (Decrease)	% Increase / (Decrease)
		Budget	Original Budget		
<b>3 - Security</b>	25 - Maintenance of Software	\$3,800	\$3,000	\$800	26.7%
	33 - Office Supplies & Expenses	1,000	2,000	(1,000)	(50.0%)
	38 - Maint of Bldg & Improvements	20,600	26,600	(6,000)	(22.6%)
	42 - Business Expense & Travel	1,000	1,000	-	0.0%
	43 - Training Expense & Travel	4,000	4,000	-	0.0%
	61 - Professional Services	1,000	31,000	(30,000)	(96.8%)
	72 - Industry Assoc Assessments	265	-	265	N/A
	137 - Capitalized Computer Software	25,000	-	25,000	N/A
	138 - Computer Equipment	250,000	-	250,000	N/A
<b>3 - Security Total</b>		<b>306,665</b>	<b>67,600</b>	<b>239,065</b>	<b>353.6%</b>
<b>15 - IT Infrastructure</b>	10 - District Overtime Labor	-	2,000	(2,000)	(100.0%)
	11 - All Other District Labor	-	664,594	(664,594)	(100.0%)
	25 - Maintenance of Software	476,100	385,050	91,050	23.6%
	26 - Computer Hardware & Equip Exp	133,500	117,500	16,000	13.6%
	27 - Personal Computer Software	143,300	128,300	15,000	11.7%
	28 - Personal Computer O&M Costs	183,500	166,000	17,500	10.5%
	29 - Personal Computer Supplies&Exp	3,550	5,550	(2,000)	(36.0%)
	42 - Business Expense & Travel	-	7,000	(7,000)	(100.0%)
	43 - Training Expense & Travel	18,000	15,750	2,250	14.3%
	45 - Subscriptions & Publications	250	250	-	0.0%
	50 - Telephone & Answering Services	231,000	157,500	73,500	46.7%
	61 - Professional Services	35,000	40,000	(5,000)	(12.5%)
	104 - Other Employee Costs	510	510	-	0.0%
	131 - Structures & Improvements	350,000	250,000	100,000	40.0%
	137 - Capitalized Computer Software	25,000	25,000	-	0.0%
	138 - Computer Equipment	830,000	790,000	40,000	5.1%
<b>15 - IT Infrastructure Total</b>		<b>2,429,710</b>	<b>2,755,004</b>	<b>(325,294)</b>	<b>(11.8%)</b>
<b>18 - IT Applications</b>	10 - District Overtime Labor	2,000	-	2,000	N/A
	11 - All Other District Labor	2,547,915	1,516,024	1,031,891	68.1%
	17 - Operation & Maintenance Exp	9,900	6,900	3,000	43.5%
	25 - Maintenance of Software	628,880	559,315	69,565	12.4%
	26 - Computer Hardware & Equip Exp	18,000	22,300	(4,300)	(19.3%)
	27 - Personal Computer Software	2,500	2,500	-	0.0%
	33 - Office Supplies & Expenses	3,000	1,500	1,500	100.0%
	42 - Business Expense & Travel	1,000	22,000	(21,000)	(95.5%)
	43 - Training Expense & Travel	20,200	-	20,200	N/A
	45 - Subscriptions & Publications	1,250	1,250	-	0.0%
	61 - Professional Services	107,000	81,000	26,000	32.1%
	72 - Industry Assoc Assessments	500	500	-	0.0%
	104 - Other Employee Costs	570	510	60	11.8%
	137 - Capitalized Computer Software	-	47,000	(47,000)	(100.0%)
<b>18 - IT Applications Total</b>		<b>3,342,715</b>	<b>2,260,799</b>	<b>1,081,916</b>	<b>47.9%</b>
<b>19 - IT Data Management</b>	25 - Maintenance of Software	117,100	105,300	11,800	11.2%
	42 - Business Expense & Travel	-	12,000	(12,000)	(100.0%)
	43 - Training Expense & Travel	23,500	12,500	11,000	88.0%
	45 - Subscriptions & Publications	400	-	400	N/A
	61 - Professional Services	15,000	15,000	-	0.0%
	72 - Industry Assoc Assessments	8,400	8,000	400	5.0%
<b>19 - IT Data Management Total</b>		<b>164,400</b>	<b>152,800</b>	<b>11,600</b>	<b>7.6%</b>
<b>20 - Operational Technology</b>	17 - Operation & Maintenance Exp	67,000	67,000	-	0.0%
	20 - Off-the-Dock Labor	385,000	-	385,000	N/A
	25 - Maintenance of Software	190,300	146,350	43,950	30.0%
	40 - Rents	107,200	107,200	-	0.0%
	43 - Training Expense & Travel	20,500	-	20,500	N/A
	50 - Telephone & Answering Services	5,000	-	5,000	N/A
	61 - Professional Services	55,200	49,700	5,500	11.1%
	127 - SCADA Communications Equipment	90,000	-	90,000	N/A
	136 - Communication Equipment	575,000	-	575,000	N/A
	138 - Computer Equipment	148,500	-	148,500	N/A
<b>20 - Operational Technology Total</b>		<b>1,643,700</b>	<b>370,250</b>	<b>1,273,450</b>	<b>343.9%</b>
<b>Grand Total</b>		<b>\$7,887,190</b>	<b>\$5,606,453</b>	<b>\$2,280,737</b>	<b>40.7%</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>3 - Security</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
25 - Maintenance of Software	CrisisGo	921.00		\$3,800
<b>25 - Maintenance of Software Total</b>				<b>3,800</b>
33 - Office Supplies & Expenses	Security Program Expenses	921.00		1,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>1,000</b>
38 - Maint of Bldg & Improvements	Administration Bldg Security	935.00		1,800
	Broadband Facility Security	588.00		600
	Jump Off Joe Security	935.02		1,000
	Operations Facility Security	598.10		4,200
	Patrol Services of Operations	598.10		9,000
	Prosser Butte Security	935.03		1,000
	Prosser Facility Security	935.04		2,000
	Umatilla Ridge Security	935.01		1,000
<b>38 - Maint of Bldg &amp; Improvements Total</b>				<b>20,600</b>
42 - Business Expense & Travel	Regional speakers	921.00		1,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>1,000</b>
43 - Training Expense & Travel	Security System Training	921.00		4,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>4,000</b>
61 - Professional Services	Emergency Services Agency (KPD, KFD, etc) Fees for False Alarms	923.00		1,000
<b>61 - Professional Services Total</b>				<b>1,000</b>
72 - Industry Assoc Assessments	ASIS International - Security Coordinator	921.00		265
<b>72 - Industry Assoc Assessments Total</b>				<b>265</b>
137 - Capitalized Computer Software	Enterprise Security System - Intrusion Detection	391.00	222	25,000
<b>137 - Capitalized Computer Software Total</b>				<b>25,000</b>
138 - Computer Equipment	Security Systems - Radio Sites	391.00	222	250,000
<b>138 - Computer Equipment Total</b>				<b>250,000</b>
<b>Grand Total</b>				<b>\$306,665</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>15 - IT Infrastructure</b>
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<b>Activity</b>	<b>Description</b>	<b>GL Acct</b>	<b>BU Project</b>	<b>2025 Budget</b>
<b>25 - Maintenance of Software</b>	1Password	921.00		\$5,500
	2FA/SSO	921.00		6,700
	Archive Social	921.00		4,600
	Certificate Management Software	921.00		40,000
	Cisco- AnyConnect	921.00		1,100
	Cisco Umbrella	921.00		5,500
	Cyber Security Training	921.00		2,000
	FortiSiem	921.00		17,500
	FoxIT	921.00		5,500
	Manage Engine	921.00		10,000
	Microsoft System Center	921.00		10,000
	Mobile Device Management	921.00		5,600
	Nessus (Network Analysis)	921.00		28,000
	NetScaler	921.00		11,700
	OATI Certificate	921.00		1,100
	OEL for Existing	921.00		2,500
	Power Broker (Desktop Security)	921.00		1,700
	PURE Storage System maint/support	921.00		42,000
	RedHat support	921.00		4,500
	Room Tech Monitoring	921.00		500
	Rubrik - Cloud backup for O365	921.00		5,600
	Secret Server	921.00		2,500
	SmartNet (Ironport, Firepower)	921.00		41,000
	Solar Winds (Network Monitoring)	921.00		28,500
	Solar Winds (Storage, VM)	921.00		8,500
	SpecOPS Password Enforcer	921.00		2,500
	Tech Smith (SnagIT)	921.00		1,000
	Third Tier Backup Software (Veeam)	921.00		27,000
	Trackit (Help Desk Ticket Tracker)	921.00		10,500
	VMWare (Server Virtualization)	921.00		90,000
	VMWare (VDI)	921.00		30,000
	Wasabi - Cloud backup	921.00		9,500
WSA	921.00		13,500	
<b>25 - Maintenance of Software Total</b>				<b>476,100</b>
<b>26 - Computer Hardware &amp; Equip Exp</b>	Commission Technology	921.00		1,500
	General PC needs (HD, Mouse, DVD Burner, Cables, etc)	921.00		20,000
	Printers for Labels @ Desktops	588.00		2,000
	Replacement Desktop (8)	921.00		40,000
	Replacement Laptops (3)	921.00		12,500
	Replacement laptops (Rugged)	588.00		25,000
	Replacement Monitors (50)	921.00		15,000
	Replacement projectors - (office)	921.00		3,500
	Standard Printer	588.00		3,000
	Tablets - iPads	588.00		7,500
	Zero Clients	921.00		3,500
<b>26 - Computer Hardware &amp; Equip Exp Total</b>				<b>133,500</b>
<b>27 - Personal Computer Software</b>	Affiliations	921.00		300
	Barco Datawell Support	588.00		10,000
	Misc Upgrades and Software	921.00		6,000
	MSDN (Support Specialist (2), System Administrator)	921.00		2,000
	Office 365	921.00		125,000
<b>27 - Personal Computer Software Total</b>				<b>143,300</b>
<b>28 - Personal Computer O&amp;M Costs</b>	Cisco SmartNets	921.00		145,000
	MFP Maintenance - Engineering	588.00		7,500
	MFP Maintenance - Executive	921.00		1,500
	MFP Maintenance - Finance/CS	921.00		8,000
	MFP Maintenance - Operations	588.00		5,500
	MFP Maintenance - Power Mgmt	921.00		4,000
	MFP Maintenance - Prosser	921.00		1,000
	Printer Maintenance - Engineering	588.00		1,000
	Printer Maintenance - Executive	921.00		500
	Printer Maintenance - Finance/CS	921.00		500
	Printer Maintenance - IT	921.00		1,500
	Printer Maintenance - Operations	588.00		1,000
	Printer Maintenance - Power Mgmt	921.00		500

Activity	Description	GL Acct	BU Project	2025 Budget
	Printer Maintenance - Prosser	921.00		1,000
	Records Scanner	921.00		1,000
	UPS Maintenance	921.00		4,000
<b>28 - Personal Computer O&amp;M Costs Total</b>				<b>183,500</b>
<b>29 - Personal Computer Supplies&amp;Exp</b>	Engineering	588.00		1,000
	Executive	921.00		500
	Finance/CS	921.00		450
	IT	921.00		200
	Operations	588.00		1,000
	Power Mgmt	921.00		200
	Prosser	921.00		200
<b>29 - Personal Computer Supplies&amp;Exp Total</b>				<b>3,550</b>
<b>43 - Training Expense &amp; Travel</b>	IT Management Travel (Supervisor)	921.00		3,500
	Travel (Network Engineer)	921.00		5,500
	Travel (System Administrator)	921.00		9,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>18,000</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications	921.00		250
<b>45 - Subscriptions &amp; Publications Total</b>				<b>250</b>
<b>50 - Telephone &amp; Answering Services</b>	Aircards - Operations (Field)	588.00		14,000
	Aircards (iPads)	588.00		8,000
	AVL - Operations - 85	588.00		24,000
	Charter (Internet Service)	921.00		2,000
	Frontier (includes all Non-Wireless Services)	921.00		17,500
	Local Cloud Call Prompter	921.00		50,000
	RingCentral	921.00		88,000
	Verizon Wireless	921.00		27,500
<b>50 - Telephone &amp; Answering Services Total</b>				<b>231,000</b>
<b>61 - Professional Services</b>	Consulting for External Network Audit	923.00		25,000
	Infrastructure Support	923.00		5,000
	Phone System Support	923.00		5,000
<b>61 - Professional Services Total</b>				<b>35,000</b>
<b>104 - Other Employee Costs</b>	Employee Recognition	921.00		510
<b>104 - Other Employee Costs Total</b>				<b>510</b>
<b>131 - Structures &amp; Improvements</b>	Data Center	391.00	430	350,000
<b>131 - Structures &amp; Improvements Total</b>				<b>350,000</b>
<b>137 - Capitalized Computer Software</b>	Windows Datacenter Licenses	391.00	38	25,000
<b>137 - Capitalized Computer Software Total</b>				<b>25,000</b>
<b>138 - Computer Equipment</b>	Cisco Blade Server	391.00	44	380,000
	External Firewalls	391.00	474	150,000
	Fabric Interconnects	391.00	388	120,000
	Multi-Function Printer	391.00	302	30,000
	Network Switch Purchase	391.00	33	150,000
<b>138 - Computer Equipment Total</b>				<b>830,000</b>
<b>Grand Total</b>				<b>\$2,429,710</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>18 - IT Applications</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Admin General	<b>920.00</b>		\$2,000
<b>10 - District Overtime Labor Total</b>				<b>2,000</b>
<b>11 - All Other District Labor</b>	Admin and General	<b>920.00</b>		675,148
	Broadband	<b>935.20</b>		10,854
	Customer Accounting	<b>903.00</b>		500,126
	Data Center	<b>391.00</b>	430	50,000
	Distribution O&M	<b>588.00</b>		692,809
	Enterprise Security System - Intrusion Detection	<b>391.00</b>	222	8,000
	iVUE Enhancements	<b>391.00</b>	31	16,960
	NoaNET NCS and District Labor	<b>397.20</b>	22	26,779
	OT Network Monitoring Hardware	<b>391.00</b>	480	3,000
	OT Telecomm Network Upgrade	<b>380.00</b>	481	140,000
	Personal Leave	<b>184.30</b>		407,666
	Security Systems - Substations	<b>391.00</b>	222	10,000
	Survalent ICCP Software Plug-In	<b>391.00</b>	408	4,320
	Transmission	<b>566.00</b>		2,253
<b>11 - All Other District Labor Total</b>				<b>2,547,915</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Benton County Aerial Imagery (Orthophotos)	<b>588.00</b>		9,000
	Benton County Plat Imagery	<b>588.00</b>		900
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>9,900</b>
<b>25 - Maintenance of Software</b>	Adobe Creative Cloud	<b>921.00</b>		2,100
	Alden	<b>588.00</b>		4,048
	AutoCAD Network License	<b>588.00</b>		13,000
	Cascade (Asset Management)	<b>588.00</b>		27,000
	Customer Survey Tool	<b>921.00</b>		9,000
	Doble Software Maintenance	<b>588.00</b>		4,300
	DocuSign	<b>921.00</b>		3,350
	ESRI (GIS)	<b>588.00</b>		34,000
	Google Translate Servcie (Website)	<b>921.00</b>		1,000
	Hootsuite	<b>921.00</b>		640
	IKE GPS Software Services	<b>588.00</b>		6,500
	Kapish EasyLink	<b>921.00</b>		962
	Kentico License (Website)	<b>921.00</b>		6,250
	NeoGov	<b>921.00</b>		46,765
	NISC - Monthly Recurring Costs	<b>921.00</b>		398,000
	Osmose Ocalc Licenses (8)	<b>588.00</b>		13,000
	PowerWorld Transmission Software	<b>588.00</b>		3,990
	Sag10	<b>588.00</b>		1,300
	TRIM	<b>921.00</b>		39,000
	Vehicle Management System Maintenance	<b>588.00</b>		6,300
	Watt - Net Express	<b>588.00</b>		1,500
	Website Hosting Fees	<b>921.00</b>		6,875
<b>25 - Maintenance of Software Total</b>				<b>628,880</b>
<b>26 - Computer Hardware &amp; Equip Exp</b>	Kiosks (2) - Lease Kennewick & Prosser	<b>903.00</b>		18,000
<b>26 - Computer Hardware &amp; Equip Exp Total</b>				<b>18,000</b>
<b>27 - Personal Computer Software</b>	Misc Upgrades and Software	<b>921.00</b>		2,500
<b>27 - Personal Computer Software Total</b>				<b>2,500</b>
<b>33 - Office Supplies &amp; Expenses</b>	Cyber Security communications materials	<b>921.00</b>		500
	Misc Office Supplies	<b>921.00</b>		2,500
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>3,000</b>
<b>42 - Business Expense &amp; Travel</b>	Misc. Business Expense	<b>921.00</b>		1,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>1,000</b>
<b>43 - Training Expense &amp; Travel</b>	E-ISAC GridSecCon (Cyber Engineer)	<b>921.00</b>		3,000
	HackTheBox Subscription	<b>921.00</b>		1,200
	IT Management/Strategic Planning (Director)	<b>921.00</b>		3,000
	IT Mgmt/Strategic Planning (Manager)	<b>921.00</b>		2,500
	NISC User Group (Analysts)	<b>921.00</b>		7,500
	NWPPA IT Conference (Cyber Engineer)	<b>921.00</b>		3,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>20,200</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications	<b>921.00</b>		1,250
<b>45 - Subscriptions &amp; Publications Total</b>				<b>1,250</b>
<b>61 - Professional Services</b>	iVUE Enhancements	<b>391.00</b>	31	41,000
	NISC - Programming (Expense)	<b>923.00</b>		15,000
	TRIM Maintenance/Consulting	<b>923.00</b>		24,000
	Website Annual Upgrades & Misc Programming	<b>923.00</b>		27,000



Activity	Description	GL Acct	BU Project	2025 Budget
<b>61 - Professional Services Total</b>				<b>107,000</b>
72 - Industry Assoc Assessments	Cyber Memberships (IEEE, ISC)	921.00		500
<b>72 - Industry Assoc Assessments Total</b>				<b>500</b>
104 - Other Employee Costs	Employee Recognition	921.00		570
<b>104 - Other Employee Costs Total</b>				<b>570</b>
<b>Grand Total</b>				<b>\$3,342,715</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>19 - IT Data Management</b>
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<b>Activity</b>	<b>Description</b>	<b>GL Acct</b>	<b>BU Project</b>	<b>2025 Budget</b>
<b>25 - Maintenance of Software</b>	Azure DevOps Server/User Cal	921.00		\$200
	CData Sharepoint Driver for Polybase	921.00		5,200
	Docker Desktop (4)	921.00		300
	Erwin	921.00		2,700
	Foglight	921.00		27,000
	PyCharm Professional - Python IDE (4)	921.00		1,100
	SQL Server SA	921.00		22,000
	SQL Spreads	921.00		13,000
	Tableau Business Intelligence Software	921.00		40,000
	Toad Data Point (5 Subscription)	921.00		3,100
	Toad for Oracle Base Edition (3 perpetual)	921.00		1,100
	Toad for SQL Server Professional Edition (3)	921.00		750
	Toad for SQL Server Xpert Edition (1)	921.00		650
<b>25 - Maintenance of Software Total</b>				<b>117,100</b>
<b>43 - Training Expense &amp; Travel</b>	Business Intelligence and Database Class Training	921.00		10,000
	Business Intelligence Conference	921.00		6,000
	Data Integration & DBA Conferences	921.00		6,000
	DataCamp Training (Annual Subscription)	921.00		1,500
<b>43 - Training Expense &amp; Travel Total</b>				<b>23,500</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications	921.00		400
<b>45 - Subscriptions &amp; Publications Total</b>				<b>400</b>
<b>61 - Professional Services</b>	BI Consulting	923.00		15,000
<b>61 - Professional Services Total</b>				<b>15,000</b>
<b>72 - Industry Assoc Assessments</b>	Utility Analytics Membership	903.00		8,400
<b>72 - Industry Assoc Assessments Total</b>				<b>8,400</b>
<b>Grand Total</b>				<b>\$164,400</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>20 - Operational Technology</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
17 - Operation & Maintenance Exp	Sensus Flexnet Meter Reading Fee	902.00		\$67,000
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>67,000</b>
20 - Off-the-Dock Labor	Fiber Build - Badger Canyon TGB site	397.00	482	175,000
	Fiber Build H2F	380.00	482	210,000
<b>20 - Off-the-Dock Labor Total</b>				<b>385,000</b>
25 - Maintenance of Software	Dragos	588.00		26,700
	PI Historian Annual Maintenance	588.00		12,200
	SEL DMA	588.00		3,400
	Sensus Alarm Manager	902.00		7,000
	Sensus RNI	902.00		104,000
	Survalent (SCADA)	592.30		34,000
	TextPower	588.00		3,000
<b>25 - Maintenance of Software Total</b>				<b>190,300</b>
40 - Rents	Badger Mtn Site AMI Fee	588.00		4,200
	DNR Billing - Jump Off Joe	588.00		44,000
	Prosser Tower Site	588.00		3,100
	Rattlesnake Site Fee	588.00		50,000
	Umatilla Ground Lease and Taxes	588.00		5,900
<b>40 - Rents Total</b>				<b>107,200</b>
43 - Training Expense & Travel	OT Analyst Training/Conference	588.00		3,000
	OT Communications Conference (Mgr, Director and Network Engineer)	588.00		7,500
	OT Network Engineer Training	588.00		5,000
	Distributech (Mgr & Director)	588.00		5,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>20,500</b>
50 - Telephone & Answering Services	ICCP Communication Line	588.00		5,000
<b>50 - Telephone &amp; Answering Services Total</b>				<b>5,000</b>
61 - Professional Services	AMI Enhanced Support	902.00		49,700
	OT Network Monitoring Hardware	391.00	480	5,500
<b>61 - Professional Services Total</b>				<b>55,200</b>
127 - SCADA Communications Equipment	Fiber Build H2F	380.00	482	90,000
<b>127 - SCADA Communications Equipment Total</b>				<b>90,000</b>
136 - Communication Equipment	Fiber Build - Badger Canyon TGB site	397.00	482	75,000
	OT Telecomm Network Upgrade	380.00	481	500,000
<b>136 - Communication Equipment Total</b>				<b>575,000</b>
138 - Computer Equipment	OT Network Monitoring Hardware	391.00	480	48,500
	Substation Router Replacements	391.00	483	100,000
<b>138 - Computer Equipment Total</b>				<b>148,500</b>
<b>Grand Total</b>				<b>\$1,643,700</b>

**Summary by Expense by Directorate  
2025 Budget**

Directorate	Broadband						
<table border="1"> <thead> <tr> <th data-bbox="133 394 1312 432">Department</th> <th data-bbox="1312 394 1482 432">2025 Budget</th> </tr> </thead> <tbody> <tr> <td data-bbox="133 432 1312 470">46 - Broadband</td> <td data-bbox="1312 432 1482 470">\$2,495,110</td> </tr> <tr> <td data-bbox="133 470 1312 510"><b>Grand Total</b></td> <td data-bbox="1312 470 1482 510"><b>\$2,495,110</b></td> </tr> </tbody> </table>		Department	2025 Budget	46 - Broadband	\$2,495,110	<b>Grand Total</b>	<b>\$2,495,110</b>
Department	2025 Budget						
46 - Broadband	\$2,495,110						
<b>Grand Total</b>	<b>\$2,495,110</b>						

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

<b>Directorate</b>	<b>Broadband</b>
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Department	Activity	2025	2024	Increase / (Decrease)	% Increase / (Decrease)
		Budget	Original Budget		
<b>46 - Broadband</b>	12 - Materials & Supplies	\$291,000	\$298,050	(\$7,050)	(2.4%)
	17 - Operation & Maintenance Exp	79,000	67,500	11,500	17.0%
	18 - Misc Construction Expense	20,000	20,000	-	0.0%
	20 - Off-the-Dock Labor	699,000	682,450	16,550	2.4%
	28 - Personal Computer O&M Costs	43,000	50,000	(7,000)	(14.0%)
	38 - Maint of Bldg & Improvements	14,000	7,500	6,500	86.7%
	40 - Rents	176,851	181,711	(4,860)	(2.7%)
	44 - Other General Expenses	1,047,259	1,016,760	30,499	3.0%
	136 - Communication Equipment	125,000	125,000	-	0.0%
<b>46 - Broadband Total</b>		<b>2,495,110</b>	<b>2,448,971</b>	<b>46,139</b>	<b>1.9%</b>
<b>Grand Total</b>		<b>\$2,495,110</b>	<b>\$2,448,971</b>	<b>\$46,139</b>	<b>1.9%</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>46 - Broadband</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>12 - Materials &amp; Supplies</b>	Advanced Wireless/Small Cell	397.30	214	\$22,500
	Fiber Backbone & Laterals	397.30	134	105,000
	Fiber Conduit	397.20	19	6,000
	Fiber Customer Connects - LEC	397.20	135	127,500
	System Improvement Projects	397.30	349	30,000
<b>12 - Materials &amp; Supplies Total</b>				<b>291,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Fiber Reel Testing	935.20		9,000
	NCS - Fiber Repair Emergency On-Call Support	935.30		20,000
	NCS - Fiber Replacement and Restoration	935.30		50,000
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>79,000</b>
<b>18 - Misc Construction Expense</b>	Franchise BB Facility Relocations	397.30	252	20,000
<b>18 - Misc Construction Expense Total</b>				<b>20,000</b>
<b>20 - Off-the-Dock Labor</b>	Advanced Wireless/Small Cell	397.30	214	52,500
	Fiber Backbone & Laterals	397.30	134	245,000
	Fiber Conduit	397.20	19	14,000
	Fiber Customer Connects - LEC	397.20	135	297,500
	Joint Use Audit Corrective Actions	935.30		20,000
	System Improvement Projects	397.30	349	70,000
<b>20 - Off-the-Dock Labor Total</b>				<b>699,000</b>
<b>28 - Personal Computer O&amp;M Costs</b>	Cisco Equipment Maintenance	935.20		8,000
	MPLS Equipment M&S	935.20		35,000
<b>28 - Personal Computer O&amp;M Costs Total</b>				<b>43,000</b>
<b>38 - Maint of Bldg &amp; Improvements</b>	Maintenance Expense (Nodes and Building)	935.20		14,000
<b>38 - Maint of Bldg &amp; Improvements Total</b>				<b>14,000</b>
<b>40 - Rents</b>	BPA - DFL (CRC,#19TX-16737) (20-46-05)	935.20		708
	BPA DFL (BPA 01TX-10704/BPUD #01-41-05) (01-41-05)	935.20		4,000
	COR - DFL - 1776 Fowler St (23-46-04)	935.20		1,620
	COR - DFL - 2610 Salk Ave (23-46-19)	935.20		1,620
	COR - DFL - 2800 Stevens Dr (22-46-07)	935.20		1,620
	COR - DFL - 2811 Polar Way (23-46-20)	935.20		1,620
	COR - DFL - 3200 Duportail St (21-46-07)	935.20		1,620
	COR - DFL - 4 sites (23-46-11)	935.20		6,480
	COR - DFL - 4 Towers (23-46-12)	935.20		6,480
	COR - DFL - 5 Towers (20-46-18)	935.20		16,200
	COR - DFL - 510 Wellsian Way (22-46-06)	935.20		1,620
	COR - DFL - 651 Truman (21-46-08)	935.20		1,620
	COR - DFL - 750 GWW (23-46-03, Parsec)	935.20		1,620
	COR - DFL - 915 Goethals (23-46-18)	935.20		1,620
	COR - DFL - Bellerive, Steptoe (23-46-15)	935.20		3,240
	COR - DFL - BIPIN (23-46-06)	935.20		1,620
	COR - DFL - Columbia REA (22-46-02)	935.20		1,620
	COR - DFL - Community First Bank (21-46-03)	935.20		3,240
	COR - DFL - Fowler St (23-46-10, McCurley)	935.20		1,620
	COR - DFL - GWW & Knight St. (23-46-13, Kadlec)	935.20		1,620
	COR - DFL - HMIS (22-46-04)	935.20		1,620
	COR - DFL - Inline Computers (24-46-01)	935.20		1,620
	COR - DFL - Keene (23-46-16)	935.20		3,240
	COR - DFL - LW Campus (23-46-14)	935.20		3,240
	COR - DFL - MSA Steptoe/Knight (23-46-07)	935.20		1,620
	COR - DFL - Preferred Freezer (22-46-03)	935.20		1,620
	COR - DFL - Richland Public Library (20-46-06)	935.20		1
	COR - DFL - RSD Steptoe St. (24-46-02)	935.20		1,620
	COR - DFL - Steptoe Bike to Duportail Bypass (23-46-01)	935.20		3,240
	COR - DFL - T-Mobile (20-46-02)	935.20		1,620
	COR - DFL - T-Mobile Jericho Rd. (21-46-06)	935.20		1,620
	COR - DFL - Umpqua Bank (22-46-05)	935.20		1,620
	COR - DFL - Williams Blvd (23-46-17)	935.20		3,240
	COR - DFL - HAPO Dark Fiber (23-46-08)	935.20		3,240
	Energy NW - (2) Dark Fiber-Ashe Facility to POS, Line #1 (10-46-07)	935.20		5,040
	FPUD - BB Services Agreement (22-46-01)	935.20		1,800
	FPUD - DFL (21-46-04)	935.20		15,480
	FPUD - DFL (23-46-09)	935.20		13,200
	Permits (2) with Tri-City Railroad	935.20		1,000
	Pole Contact Fees (COR, FPUD, LSN, & BREAA)	935.20		18,622
	Spectrum - DFL - Spectrum West Richland PD (21-46-11)	935.20		12,000
	Verizon Colocation Space and DC Power (10-46-12)	935.20		17,520
	COR - DFL - T-Mobile 514 Warehouse St. (21-46-10)	935.20		1,620

Activity	Description	GL Acct	BU Project	2025 Budget
<b>40 - Rents Total</b>				<b>176,851</b>
<b>44 - Other General Expenses</b>	Franklin PUD Recurring Transport Charges	935.20		2,200
	NCS - NoaNet Labor Allocation to O&M	935.20		816,047
	NoaNet - Internet Access via Franklin POP (\$1,260 x 12 plus bursting @ \$3.6 per me	935.20		25,000
	NoaNET NCS and District Labor	397.20	22	204,012
<b>44 - Other General Expenses Total</b>				<b>1,047,259</b>
<b>136 - Communication Equipment</b>	Premise Electronics	397.25	136	50,000
	Backbone System Electronics	397.40	133	75,000
<b>136 - Communication Equipment Total</b>				<b>125,000</b>
<b>Grand Total</b>				<b>\$2,495,110</b>







# Engineering



## Summary by Expense by Directorate 2025 Budget

Directorate	Engineering
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Department	2025 Budget
21 - Engineering	\$19,653,294
22 - Customer Engineering	1,329,639
<b>Grand Total</b>	<b>\$20,982,933</b>

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

<b>Directorate</b>	<b>Engineering</b>
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Department	Activity	2025 Budget	2024 Original Budget	Increase / (Decrease)	% Increase / (Decrease)
<b>21 - Engineering</b>	11 - All Other District Labor	\$1,055,570	\$746,162	\$309,408	41.5%
	12 - Materials & Supplies	5,302,068	5,046,750	255,318	5.1%
	18 - Misc Construction Expense	884,841	24,740	860,101	3476.6%
	20 - Off-the-Dock Labor	-	77,349	(77,349)	(100.0%)
	21 - Elec Construction Contracts	3,029,967	7,244,223	(4,214,256)	(58.2%)
	33 - Office Supplies & Expenses	4,000	4,000	-	0.0%
	42 - Business Expense & Travel	3,000	3,000	-	0.0%
	43 - Training Expense & Travel	16,500	16,500	-	0.0%
	45 - Subscriptions & Publications	2,500	2,500	-	0.0%
	61 - Professional Services	107,000	475,437	(368,437)	(77.5%)
	72 - Industry Assoc Assessments	15,254	15,254	-	0.0%
	104 - Other Employee Costs	1,000	1,000	-	0.0%
	120 - Substation Xftrs & Regulators	3,066,859	627,527	2,439,332	388.7%
	121 - Substation Equip & Materials	1,328,651	1,281,430	47,221	3.7%
	122 - Line Devices	1,047,754	516,466	531,288	102.9%
	123 - Transformers & Related Items	3,724,851	3,213,908	510,943	15.9%
	125 - Land & Land Rights - Electric	-	25,000	(25,000)	(100.0%)
	127 - SCADA Communications Equipment	35,354	51,248	(15,894)	(31.0%)
	128 - SCADA Substation Equipment	27,125	128,709	(101,584)	(78.9%)
	132 - Office Equipment	1,000	1,000	-	0.0%
<b>21 - Engineering Total</b>		<b>19,653,294</b>	<b>19,502,203</b>	<b>151,091</b>	<b>0.8%</b>
<b>22 - Customer Engineering</b>	10 - District Overtime Labor	25,750	25,750	-	0.0%
	11 - All Other District Labor	980,139	1,009,667	(29,528)	(2.9%)
	14 - Small Tools & Materials	1,800	1,800	-	0.0%
	17 - Operation & Maintenance Exp	3,600	3,600	-	0.0%
	18 - Misc Construction Expense	15,000	15,000	-	0.0%
	29 - Personal Computer Supplies&Exp	3,000	3,000	-	0.0%
	33 - Office Supplies & Expenses	2,000	2,000	-	0.0%
	40 - Rents	65,000	65,000	-	0.0%
	42 - Business Expense & Travel	11,600	11,600	-	0.0%
	43 - Training Expense & Travel	24,250	24,250	-	0.0%
	61 - Professional Services	193,000	190,000	3,000	1.6%
	125 - Land & Land Rights - Electric	2,500	2,500	-	0.0%
	132 - Office Equipment	2,000	2,000	-	0.0%
	134 - Tools, Shop & Stores Equipment	-	80,000	(80,000)	(100.0%)
<b>22 - Customer Engineering Total</b>		<b>1,329,639</b>	<b>1,436,167</b>	<b>(106,528)</b>	<b>(7.4%)</b>
<b>Grand Total</b>		<b>\$20,982,933</b>	<b>\$20,938,369</b>	<b>\$44,563</b>	<b>0.2%</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>21 - Engineering</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>11 - All Other District Labor</b>	Admin and General	588.00		\$1,208
	Angus Bay 2 SCADA Modifications	380.00	202	3,332
	Broadband	935.20		25,239
	Chevron RTU Upgrade	380.00	425	2,362
	Customer Accounting	903.00		5,120
	Distribution	588.00		741,184
	Farm Cable Replacement	367.00	424	2,214
	Kennewick Bay 1 Recloser Control Upgrades	362.01	459	2,170
	Kennewick Bay 2 RTAC Replacement	380.00	479	4,434
	Kennewick Bay 3 Recloser Control Upgrades	362.01	459	2,170
	Personal Leave	184.30		168,891
	POS#133 - Prosser-3/Sunset Rd.-2 Outage Support	365.00	477	2,721
	POS#143 - New Line Switch Sunset Rd-3	365.00	458	347
	POS#147 - New Line Switch Kennewick-6	365.00	458	232
	SCADA Alarm Standard Implementation	380.00	435	8,850
	Transmission	566.00		18,770
	Vista Substation Feeder #3 & #4 Upgrades	365.00	296	45,000
	WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Replacement	362.01	411	4,500
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	362.01	436	4,500
	WO# 701540 - OLTC Power Transformer #1 - Location TBD	362.01	446	2,000
	WO# 701553 - OLTC Power Transformer #2 - Location TBD	362.01	447	2,000
	WO#687121 - COK - Nutmeg Line Relocation	365.00	141	1,594
	WO#718354 - Angus Bay #2 Bay Protection Upgrades	362.01	456	5,500
	Irrigro Transmission Sectionalizing Switches	355.00	137	1,000
	POS#134 - New Line Switch Hedges-3	365.00	458	232
<b>11 - All Other District Labor Total</b>				<b>1,055,570</b>
<b>12 - Materials &amp; Supplies</b>	Chevron RTU Upgrade	380.00	425	3,000
	Distribution - Inventory Issued for O&M	588.00		100,000
	Distribution Base Growth	365.00	140	750,000
	Distribution Base Growth	366.00	140	1,418,942
	Distribution Pole Replacement	364.00	160	5,444
	Distribution System Improvements	365.00	141	154,416
	Distribution System Improvements	366.00	141	231,623
	Farm Cable Replacement	367.00	424	175,000
	Install New Switch N/O Sunset Tap	355.00	137	12,294
	JU - NESC Compliance Program	365.00	145	114,000
	Kennewick Bay 1 Recloser Control Upgrades	362.01	459	1,500
	Kennewick Bay 3 Recloser Control Upgrades	362.01	459	1,500
	Poles & Fixtures, Misc. Repairs	355.00	75	125,000
	POS #41 - ZEH-4, New OH tie to GUM-4 at Game Farm Rd.	365.00	206	159,470
	POS #58-WO# 647820 -BEC-3, New Feeder to East to Tie with SSR-1	365.00	205	238,400
	POS#133 - Prosser-3/Sunset Rd.-2 Outage Support	365.00	477	77,200
	POS#14 - WO# 714128 - GUM-4, Hed-3 Game Farm to Haney Rd	365.00	453	59,958
	POS#143 - New Line Switch Sunset Rd-3	365.00	458	2,900
	POS#147 - New Line Switch Kennewick-6	365.00	458	1,500
	Repair & Replacement - Cable	367.00	147	227,900
	Repair & Replacement - Other	365.00	92	478,500
	Service Poles	364.00	93	17,623
	Services, Set Xfmrs, Run Secondary	369.10	94	96,863
	Services, Set Xfmrs, Run Secondary	369.20	94	187,520
	Switch Upgrade/Additions	355.00	137	100,000
	Vista Substation Feeder #3 & #4 Upgrades	365.00	296	318,906
	WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Replacement	362.01	411	12,500
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	362.01	436	91,640
	WO# 711078 - Hedges 115kV Metering Point	355.00	169	15,000
	WO#687121 - COK - Nutmeg Line Relocation	365.00	141	38,937
	WO#704055 - Paterson East Tap Switch	355.00	137	22,540
	WO#718354 - Angus Bay #2 Bay Protection Upgrades	362.01	456	15,000
	Irrigro Transmission Sectionalizing Switches	355.00	137	45,792
	POS#134 - New Line Switch Hedges-3	365.00	458	1,200
<b>12 - Materials &amp; Supplies Total</b>				<b>5,302,068</b>
<b>18 - Misc Construction Expense</b>	Distribution Pole Replacement	364.00	160	2,740
	Farm Cable Replacement	367.00	424	305,000
	POS#147 - New Line Switch Kennewick-6	365.00	458	2,500
	WO# 711078 - Hedges 115kV Metering Point	355.00	169	30,000
	COK-I82 Bore Crossing	366.00	478	544,601
<b>18 - Misc Construction Expense Total</b>				<b>884,841</b>

Activity	Description	GL Acct	BU Project	2025 Budget
<b>21 - Elec Construction Contracts</b>	Dock Crew Joint Use Deficiency Corrections	590.10	145	1,035,609
	JU - NESC Compliance Program	365.00	145	36,000
	POS #58-WO# 647820 -BEC-3, New Feeder to East to Tie with SSR-1	365.00	205	212,000
	Repair & Replacement - Cable	367.00	147	1,171,218
	Vista Substation Feeder #3 & #4 Upgrades	365.00	296	427,120
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	362.01	436	125,000
	WO# 711078 - Hedges 115kV Metering Point	355.00	169	23,020
<b>21 - Elec Construction Contracts Total</b>				<b>3,029,967</b>
<b>33 - Office Supplies &amp; Expenses</b>	Misc Office Supplies	588.00		4,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>4,000</b>
<b>42 - Business Expense &amp; Travel</b>	Cascade Users Conference (Senior Engineer)	588.00		3,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>3,000</b>
<b>43 - Training Expense &amp; Travel</b>	Technical Training (Assistant)	588.00		1,500
	Technical Training (Manager)	588.00		3,000
	Technical Training (Engineer)	588.00		6,000
	Technical Training (Senior Engineer)	588.00		6,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>16,500</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications (IEEE, ANSI stds, etc.)	588.00		2,500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>2,500</b>
<b>61 - Professional Services</b>	Distribution - Joint Use Pole Contact Consulting	590.10	145	47,000
	Distribution - Unanticipated Consulting Engineering Support	588.00		25,000
	NERC/WECC Consulting - GDS #10-51-06	560.01		30,000
	WO# 711078 - Hedges 115kV Metering Point	355.00	169	5,000
<b>61 - Professional Services Total</b>				<b>107,000</b>
<b>72 - Industry Assoc Assessments</b>	General Association Assessments	588.00		100
	IEEE Membership (Manager/Senior Engineer/Engineer (5))	588.00		1,200
	Notary	588.00		350
	PE Licenses & Renewals (3) \$201 every 2 yrs ea	588.00		604
	Smart Electric Power Alliance (SEPA)	588.00		5,000
	WSU Power Engineering Program	588.00		8,000
<b>72 - Industry Assoc Assessments Total</b>				<b>15,254</b>
<b>104 - Other Employee Costs</b>	Employee Misc Benefit	926.10		1,000
<b>104 - Other Employee Costs Total</b>				<b>1,000</b>
<b>120 - Substation Xfrs &amp; Regulators</b>	WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Replacement	362.01	411	789,379
	WO# 701540 - OLTC Power Transformer #1 - Location TBD	362.01	446	1,138,740
	WO# 701553 - OLTC Power Transformer #2 - Location TBD	362.01	447	1,138,740
<b>120 - Substation Xfrs &amp; Regulators Total</b>				<b>3,066,859</b>
<b>121 - Substation Equip &amp; Materials</b>	Fire Mitigation - OH Line Reconstruction	365.00	312	250,000
	Kennewick Bay 1 Recloser Control Upgrades	362.01	459	30,000
	Kennewick Bay 3 Recloser Control Upgrades	362.01	459	30,000
	Substation Inventory Issued for O&M	592.00		100,000
	Substation Misc. Aux Equip, Relays/Controls	362.01	148	40,000
	WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Replacement	362.01	411	30,000
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	362.01	436	741,551
	WO# 711078 - Hedges 115kV Metering Point	355.00	169	72,100
	WO#718354 - Angus Bay #2 Bay Protection Upgrades	362.01	456	35,000
<b>121 - Substation Equip &amp; Materials Total</b>				<b>1,328,651</b>
<b>122 - Line Devices</b>	Distribution - Inventory Issued for O&M	595.00		100,000
	Distribution Regulators	368.20	323	150,000
	Distribution System Improvements	365.00	141	33,936
	Install New Switch N/O Sunset Tap	355.00	137	38,000
	POS #41 - ZEH-4, New OH tie to GUM-4 at Game Farm Rd.	365.00	206	36,750
	POS #58-WO# 647820 -BEC-3, New Feeder to East to Tie with SSR-1	365.00	205	101,100
	POS#133 - L537V Upgrade to 167kVA	365.00	476	32,000
	POS#133 - Prosser-3/Sunset Rd.-2 Outage Support	365.00	477	36,000
	POS#14 - WO# 714128 - GUM-4, Hed-3 Game Farm to Haney Rd	365.00	453	19,977
	POS#143 - New Line Switch Sunset Rd-3	365.00	458	6,832
	POS#147 - New Line Switch Kennewick-6	365.00	458	6,832
	Voltage Optimization	368.20	151	300,000
	WO#704055 - Paterson East Tap Switch	355.00	137	60,000
	Irrigro Transmission Sectionalizing Switches	355.00	137	119,495
	POS#134 - New Line Switch Hedges-3	365.00	458	6,832
<b>122 - Line Devices Total</b>				<b>1,047,754</b>
<b>123 - Transformers &amp; Related Items</b>	Services, Set Xfmrs, Run Secondary	368.10	94	3,724,851
<b>123 - Transformers &amp; Related Items Total</b>				<b>3,724,851</b>
<b>127 - SCADA Communications Equipment</b>	Distribution System Improvements	380.00	141	5,354
	WO# 711078 - Hedges 115kV Metering Point	355.00	169	30,000
<b>127 - SCADA Communications Equipment Total</b>				<b>35,354</b>
<b>128 - SCADA Substation Equipment</b>	Angus Bay 2 SCADA Modifications	380.00	202	6,500
	Chevron RTU Upgrade	380.00	425	4,500
	Kennewick Bay 2 RTAC Replacement	380.00	479	16,125
<b>128 - SCADA Substation Equipment Total</b>				<b>27,125</b>
<b>132 - Office Equipment</b>	Misc. Office Furniture	588.00		1,000

Activity	Description	GL Acct	BU Project	2025 Budget
132 - Office Equipment Total				1,000
<b>Grand Total</b>				<b>\$19,653,294</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>22 - Customer Engineering</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Distribution	<b>588.00</b>		\$25,750
<b>10 - District Overtime Labor Total</b>				<b>25,750</b>
<b>11 - All Other District Labor</b>	Customer Accounting	<b>903.00</b>		34,706
	Distribution Base Growth	<b>365.00</b>	140	100,000
	Distribution Base Growth	<b>366.00</b>	140	113,613
	Distribution O&M	<b>588.00</b>		433,316
	Distribution Pole Replacement	<b>364.00</b>	160	2,082
	Distribution System Improvements	<b>365.00</b>	141	482
	Distribution System Improvements	<b>366.00</b>	141	722
	Farm Cable Replacement	<b>367.00</b>	424	12,000
	Personal Leave	<b>184.30</b>		156,822
	POS #41 - ZEH-4, New OH tie to GUM-4 at Game Farm Rd.	<b>365.00</b>	206	5,566
	Repair & Replacement - Cable	<b>367.00</b>	147	53,235
	Service Poles	<b>365.00</b>	93	1,922
	Services, Set Xfmrs, Run Secondary	<b>369.10</b>	94	65,672
<b>11 - All Other District Labor Total</b>				<b>980,139</b>
<b>14 - Small Tools &amp; Materials</b>	GPS Batteries - Replacement/Purchase	<b>588.00</b>		400
	GPS Cables - Replacement/Purchase	<b>588.00</b>		400
	Survey Supplies (Stakes, Flags, etc)	<b>588.00</b>		1,000
	Training/Instructional Manuals & Publications	<b>588.00</b>		450
<b>14 - Small Tools &amp; Materials Total</b>				<b>2,250</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Equipment Maintenance/Repair	<b>588.00</b>		500
	Misc. Form Printing	<b>588.00</b>		500
	O&M Related Permit Fees	<b>588.00</b>		500
	Scanning Services	<b>588.00</b>		1,000
	Unplanned O&M Expenses	<b>588.00</b>		500
	WA State Ref. Network - Annual Maint. for VRS Net (GPS Signals)	<b>588.00</b>		600
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>3,600</b>
<b>18 - Misc Construction Expense</b>	County Recording Fees - Easements	<b>360.00</b>	140	15,000
<b>18 - Misc Construction Expense Total</b>				<b>15,000</b>
<b>29 - Personal Computer Supplies&amp;Exp</b>	Printer / Plotter Paper	<b>588.00</b>		3,000
<b>29 - Personal Computer Supplies&amp;Exp Total</b>				<b>3,000</b>
<b>33 - Office Supplies &amp; Expenses</b>	Labeling / Binding Supplies	<b>588.00</b>		2,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>2,000</b>
<b>40 - Rents</b>	Maintenance Crossing Permits (Railroad, DOT, etc)	<b>588.00</b>		20,000
	New Permits (Crossing, Etc.)	<b>360.00</b>	140	40,000
	Pole Contact Fee (us on their poles)	<b>588.00</b>		5,000
<b>40 - Rents Total</b>				<b>65,000</b>
<b>42 - Business Expense &amp; Travel</b>	Design Software User Group (Distribution Design Technician)	<b>588.00</b>		6,000
	NISC - MIC Conference (Supervisor)	<b>588.00</b>		2,600
	NWPPA E&O (Supervisor/ Distribution Designer)	<b>588.00</b>		3,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>11,600</b>
<b>43 - Training Expense &amp; Travel</b>	NESC Code Update or Other Advanced Tech Training (3) (Distribution Design	<b>588.00</b>		5,000
	NWPPA Staking Certification Courses (2) ( Technician)	<b>588.00</b>		9,000
	Technical Training (3) (Engineering Technician)	<b>588.00</b>		3,000
	Technical Training (Distribution Designer)	<b>588.00</b>		1,000
	Technical Training Class (Distribution Designer)	<b>588.00</b>		2,000
	Training Admin Staff (2) (Assistant)	<b>588.00</b>		3,800
<b>43 - Training Expense &amp; Travel Total</b>				<b>23,800</b>
<b>61 - Professional Services</b>	JU - NESC Consultant for Field Work	<b>590.10</b>		60,000
	JU - NESC Consultant for Work Order Prep	<b>590.10</b>		120,000
	Leadership training	<b>588.00</b>		3,000
	Surveying for O&M Support	<b>588.00</b>		10,000
<b>61 - Professional Services Total</b>				<b>193,000</b>
<b>125 - Land &amp; Land Rights - Electric</b>	Title Reports for Construction Projects	<b>360.00</b>	140	2,500
<b>125 - Land &amp; Land Rights - Electric Total</b>				<b>2,500</b>
<b>132 - Office Equipment</b>	Office Furniture	<b>588.00</b>		2,000
<b>132 - Office Equipment Total</b>				<b>2,000</b>
<b>Grand Total</b>				<b>\$1,329,639</b>





# Power Management



## Summary by Expense by Directorate 2025 Budget

Directorate	Power Management
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Department	2025 Budget
45 - Energy Programs	\$201,104
51 - Power Management	85,072,004
<b>Grand Total</b>	<b>\$85,273,108</b>

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

<b>Directorate</b>	<b>Power Management</b>
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Department	Activity	2025 Budget	2024 Original Budget	Increase / (Decrease)	% Increase / (Decrease)
<b>45 - Energy Programs</b>	9 - Purchased Power	(1,850,000)	(2,040,000)	190,000	(9.3%)
	11 - All Other District Labor	437,844	450,640	(12,796)	(2.8%)
	33 - Office Supplies & Expenses	5,000	5,000	0	0.0%
	42 - Business Expense & Travel	9,800	9,800	0	0.0%
	43 - Training Expense & Travel	10,000	12,000	(2,000)	(16.7%)
	45 - Subscriptions & Publications	150	150	0	0.0%
	60 - Audit Examination - State	18,260	48,300	(30,040)	(62.2%)
	61 - Professional Services	60,000	17,500	42,500	242.9%
	72 - Industry Assoc Assessments	5,050	4,050	1,000	24.7%
	111 - Electric Vehicle	5,000	5,000	0	0.0%
	112 - Residential Conservation Exp	360,000	400,000	(40,000)	(10.0%)
	113 - Commercial Conservation Exp	160,000	240,000	(80,000)	(33.3%)
	114 - Industrial Conservation Expense	380,000	420,000	(40,000)	(9.5%)
	115 - Agriculture Conservation Expense	100,000	100,000	0	0.0%
	118 - Low Income Conservation	500,000	600,000	(100,000)	(16.7%)
<b>45 - Energy Programs Total</b>		<b>201,104</b>	<b>272,440</b>	<b>(71,336)</b>	<b>(26.2%)</b>
<b>51 - Power Management</b>	9 - Purchased Power	84,575,891	82,518,182	2,057,709	2.5%
	11 - All Other District Labor	410,513	382,086	28,427	7.4%
	33 - Office Supplies & Expenses	1,500	1,500	0	0.0%
	42 - Business Expense & Travel	12,000	12,000	0	0.0%
	43 - Training Expense & Travel	5,500	5,500	0	0.0%
	45 - Subscriptions & Publications	500	500	0	0.0%
	60 - Audit Examination - State	2,500	40,000	(37,500)	(93.8%)
	61 - Professional Services	60,000	60,000	0	0.0%
	72 - Industry Assoc Assessments	3,600	3,600	0	0.0%
<b>51 - Power Management Total</b>		<b>85,072,004</b>	<b>83,023,368</b>	<b>2,048,636</b>	<b>2.5%</b>
<b>Grand Total</b>		<b>\$85,273,108</b>	<b>\$83,295,808</b>	<b>\$1,977,300</b>	<b>2.4%</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>45 - Energy Programs</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
9 - Purchased Power	EEl Reimbursement - Rebates	555.71		(\$1,850,000)
<b>9 - Purchased Power Total</b>				<b>(1,850,000)</b>
11 - All Other District Labor	Conservation Program	908.30		283,628
	Customer Accounting	903.00		53,246
	Personal Leave	184.30		70,055
	Purchased Power	557.00		30,915
<b>11 - All Other District Labor Total</b>				<b>437,844</b>
33 - Office Supplies & Expenses	Audit Field Materials (Flow Meter, Camera, Protective Clothing, Customer N	908.30		5,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>5,000</b>
42 - Business Expense & Travel	BPA/PNWCC Conservation Mtgs (Manager/Analyst )	908.30		3,300
	EV (Manager)	908.60		1,600
	Renewable meetings (White Creek, Nine Canyon, Packwood)	557.00		3,300
	Solar (Manager)	908.97		1,600
<b>42 - Business Expense &amp; Travel Total</b>				<b>9,800</b>
43 - Training Expense & Travel	BPA Annual Conservation Mtgs (Advisor (2)/Analyst (2)/Specialist)	908.30		5,000
	Misc. Training - (Advisor (3)/Analyst (2)/ Specialist)	908.30		5,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>10,000</b>
45 - Subscriptions & Publications	Subscription & Publications (Home Energy Mag.)	908.30		150
<b>45 - Subscriptions &amp; Publications Total</b>				<b>150</b>
60 - Audit Examination - State	CETA SAO Audit Examination Fees	557.00		9,130
	I-937 SAO Audit Examination Fees (REC)	557.00		9,130
<b>60 - Audit Examination - State Total</b>				<b>18,260</b>
61 - Professional Services	EES CPA/DRPA (conservation, demand response)	908.30		60,000
<b>61 - Professional Services Total</b>				<b>60,000</b>
72 - Industry Assoc Assessments	APPA - DEED Program	921.00		4,600
	HBA - Home Builders Association Kennewick	908.30		450
<b>72 - Industry Assoc Assessments Total</b>				<b>5,050</b>
111 - Electric Vehicle	Electric Vehicle Rebate	908.60		5,000
<b>111 - Electric Vehicle Total</b>				<b>5,000</b>
112 - Residential Conservation Exp	Residential Conservation Expenses	908.30		360,000
<b>112 - Residential Conservation Exp Total</b>				<b>360,000</b>
113 - Commercial Conservation Exp	Commercial Conservation Expenses	908.32		160,000
<b>113 - Commercial Conservation Exp Total</b>				<b>160,000</b>
114 - Industrial Conservation Expense	Industrial Conservation Expenses	908.31		380,000
<b>114 - Industrial Conservation Expense Total</b>				<b>380,000</b>
115 - Agriculture Conservation Expense	Agriculture /Irrigation Conservation Expenses	908.33		100,000
<b>115 - Agriculture Conservation Expense Total</b>				<b>100,000</b>
118 - Low Income Conservation	Residential CAC Low Income Program	908.34		250,000
	Residential District Low Income Program	908.30		250,000
<b>118 - Low Income Conservation Total</b>				<b>500,000</b>
<b>Grand Total</b>				<b>\$201,104</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>51 - Power Management</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>9 - Purchased Power</b>	BPAP - Composite Charge - Load Following	555.07		\$71,550,046
	BPAP - Demand	555.05		4,146,959
	BPAP - Irrigation Rate Discount	555.12		(3,612,607)
	BPAP - Load Shaping HLH	555.10		(188,936)
	BPAP - Load Shaping LLH	555.11		1,384,769
	BPAP - Non-Slice Charge - Load Following	555.08		(12,287,629)
	BPAP - Prepayment Credit	555.72		(161,256)
	BPAP - Tier 2 Short Term	555.06		6,189,649
	Non-BPA - Packwood Hydro	555.50		438,875
	Non-BPA - Renewable Energy Credit (REC) Purchases	555.52		1,344,560
	TEA Resource Management Agreement	557.00		424,000
	Tx - White Creek to Rock Creek - Klickitat PUD Transmission	565.50		48,336
	TxBPA - Network Integration (NT) Service Charge	565.05		7,468,290
	TxBPA - NT Scheduling, Control & Dispatch (SCD)	565.05		1,440,206
	TxBPA - Packwood Real Power Loss Returns	565.05		14,220
	TxBPA - Point-to-Point (PTP) Long Term Firm	565.05		21,108
	TxBPA - PTP Long Term Firm SCD	565.05		4,083
	TxBPA - Regional Compliance Enforcement (WECC)	565.05		66,789
	TxBPA - Regional Coordinator Service (CAISO RC West)	565.05		74,903
	TxBPA - Regulation & Frequency Response	565.05		807,706
	TxBPA - Spinning Reserve Requirement	565.05		668,133
	TxBPA - Supplemental Reserve Requirement	565.05		413,977
	TxBPA - Transfer Service Delivery Charge for DOE-251	565.30		733
	Non-BPA - Nine Canyon Wind	555.50		1,749,246
	Non-BPA - Wholesale Power Purchases	555.50		750,000
	Non-BPA - White Creek Wind	555.50		1,819,731
<b>9 - Purchased Power Total</b>				<b>84,575,891</b>
<b>11 - All Other District Labor</b>	Conservation Program	908.30		10,517
	Customer Accounting	903.00		6,120
	O&M Distribution	588.00		6,636
	Personal Leave	184.30		65,682
	Purchased Power	557.00		314,938
	Transmission	566.00		6,620
<b>11 - All Other District Labor Total</b>				<b>410,513</b>
<b>33 - Office Supplies &amp; Expenses</b>	Misc Office Supplies	557.00		1,500
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>1,500</b>
<b>42 - Business Expense &amp; Travel</b>	BPA, PPC, TEA, PNUCC (Director/Senior Engineer/ Analyst)	557.00		12,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>12,000</b>
<b>43 - Training Expense &amp; Travel</b>	Load Forecasting (Senior Engineer)	557.00		2,500
	NWPPA, APPA, AMA (Director/Senior Engineer/Analyst/Specialist)	557.00		3,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>5,500</b>
<b>45 - Subscriptions &amp; Publications</b>	Load Forecast Data	557.00		500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>500</b>
<b>60 - Audit Examination - State</b>	Ecology GHG Reporting - Annual Fee	557.00		2,500
<b>60 - Audit Examination - State Total</b>				<b>2,500</b>
<b>61 - Professional Services</b>	K&L Gates	557.00		10,000
	TEA Consulting	557.00		50,000
<b>61 - Professional Services Total</b>				<b>60,000</b>
<b>72 - Industry Assoc Assessments</b>	GMEI Maintenance Fee	557.00		125
	IEEE (Senior Engineer)	557.00		250
	Notary (Specialist)	557.00		50
	OATI Web Registry Fee	557.00		350
	PE License (Senior Engineer)	557.00		125
	Peak Load Management Alliance (PLMA)	557.00		2,700
<b>72 - Industry Assoc Assessments Total</b>				<b>3,600</b>
<b>Grand Total</b>				<b>\$85,072,004</b>



# Operations





## Summary by Expense by Directorate 2025 Budget

<b>Directorate</b>	<b>Operations</b>
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Department	2025 Budget
31 - Operations	1,215,791
32 - Supt of Transm & Distribution	7,055,736
33 - Supt of Operations	574,281
34 - Meter Shop	1,914,225
35 - Transformer Shop	1,094,296
37 - Automotive Shop	1,198,103
38 - Support Services	3,103,178
39 - Warehouse	460,300
<b>Grand Total</b>	<b>\$16,615,910</b>

**Directorate Budget by Department and Activity**  
**2025 Budget Compared to 2024 Original Budget**

Directorate		Operations			
Department	Activity	2025 Budget	2024 Original Budget	Increase / (Decrease)	% Increase / (Decrease)
<b>31 - Operations</b>	11 - All Other District Labor	\$1,153,116	\$1,196,608	(\$43,492)	(3.6%)
	33 - Office Supplies & Expenses	4,000	4,000	-	0.0%
	42 - Business Expense & Travel	4,000	8,500	(4,500)	(52.9%)
	43 - Training Expense & Travel	10,000	4,500	5,500	122.2%
	45 - Subscriptions & Publications	500	500	-	0.0%
	61 - Professional Services	10,000	-	10,000	N/A
	72 - Industry Assoc Assessments	1,075	1,060	15	1.4%
	104 - Other Employee Costs	28,100	28,800	(700)	(2.4%)
	132 - Office Equipment	5,000	5,000	-	0.0%
<b>31 - Operations Total</b>		<b>1,215,791</b>	<b>1,248,968</b>	<b>(33,177)</b>	<b>(2.7%)</b>
<b>32 - Supt of Transm &amp; Distribution</b>	10 - District Overtime Labor	772,699	776,555	(3,856)	(0.5%)
	11 - All Other District Labor	4,657,277	4,471,785	185,491	4.1%
	14 - Small Tools & Materials	130,000	107,000	23,000	21.5%
	17 - Operation & Maintenance Exp	50,000	50,000	-	0.0%
	18 - Misc Construction Expense	205,344	205,344	-	0.0%
	19 - Tree Trimming - Contract	795,000	760,000	35,000	4.6%
	20 - Off-the-Dock Labor	10,000	10,000	-	0.0%
	21 - Elec Construction Contracts	285,000	225,000	60,000	26.7%
	39 - Maint of Equipment	20,000	15,000	5,000	33.3%
	42 - Business Expense & Travel	10,000	7,500	2,500	33.3%
	43 - Training Expense & Travel	41,716	36,901	4,815	13.0%
	50 - Telephone & Answering Services	12,000	12,000	-	0.0%
	61 - Professional Services	-	20,000	(20,000)	(100.0%)
	104 - Other Employee Costs	54,500	52,500	2,000	3.8%
	134 - Tools, Shop & Stores Equipment	12,200	22,000	(9,800)	(44.5%)
<b>32 - Supt of Transm &amp; Distribution Total</b>		<b>7,055,736</b>	<b>6,771,585</b>	<b>284,151</b>	<b>4.2%</b>
<b>33 - Supt of Operations</b>	10 - District Overtime Labor	28,221	28,221	-	0.0%
	11 - All Other District Labor	197,860	186,827	11,033	5.9%
	17 - Operation & Maintenance Exp	56,200	55,100	1,100	2.0%
	40 - Rents	76,000	83,000	(7,000)	(8.4%)
	42 - Business Expense & Travel	3,500	3,500	-	0.0%
	43 - Training Expense & Travel	12,000	12,000	-	0.0%
	50 - Telephone & Answering Services	155,000	145,000	10,000	6.9%
	61 - Professional Services	45,000	59,000	(14,000)	(23.7%)
	72 - Industry Assoc Assessments	500	500	-	0.0%
<b>33 - Supt of Operations Total</b>		<b>574,281</b>	<b>573,148</b>	<b>1,133</b>	<b>0.2%</b>
<b>34 - Meter Shop</b>	10 - District Overtime Labor	43,672	43,672	-	0.0%
	11 - All Other District Labor	904,544	773,380	131,164	17.0%
	14 - Small Tools & Materials	6,000	8,500	(2,500)	(29.4%)
	17 - Operation & Maintenance Exp	59,100	19,100	40,000	209.4%
	21 - Elec Construction Contracts	-	80,000	(80,000)	(100.0%)
	39 - Maint of Equipment	10,000	10,000	-	0.0%
	42 - Business Expense & Travel	1,500	1,500	-	0.0%
	43 - Training Expense & Travel	11,300	11,300	-	0.0%
	45 - Subscriptions & Publications	500	500	-	0.0%
	124 - Meters & Related Items	800,000	650,000	150,000	23.1%
	127 - SCADA Communications Equipment	5,000	5,000	-	0.0%
	128 - SCADA Substation Equipment	5,000	5,000	-	0.0%
	134 - Tools, Shop & Stores Equipment	6,237	-	6,237	N/A
	135 - Laboratory & Test Equipment	56,372	30,000	26,372	87.9%
	136 - Communication Equipment	5,000	5,000	-	0.0%
<b>34 - Meter Shop Total</b>		<b>1,914,225</b>	<b>1,642,952</b>	<b>271,273</b>	<b>16.5%</b>
<b>35 - Transformer Shop</b>	10 - District Overtime Labor	51,261	51,261	-	0.0%
	11 - All Other District Labor	793,130	761,729	31,401	4.1%
	14 - Small Tools & Materials	8,000	8,000	-	0.0%
	17 - Operation & Maintenance Exp	143,922	168,922	(25,000)	(14.8%)
	18 - Misc Construction Expense	10,000	10,000	-	0.0%
	43 - Training Expense & Travel	12,500	12,500	-	0.0%
	45 - Subscriptions & Publications	500	500	-	0.0%
	134 - Tools, Shop & Stores Equipment	25,539	-	25,539	N/A
	135 - Laboratory & Test Equipment	49,444	-	49,444	N/A
<b>35 - Transformer Shop Total</b>		<b>1,094,296</b>	<b>1,012,912</b>	<b>81,384</b>	<b>8.0%</b>
<b>37 - Automotive Shop</b>	10 - District Overtime Labor	10,800	10,800	-	0.0%
	11 - All Other District Labor	418,103	403,609	14,494	3.6%
	14 - Small Tools & Materials	12,100	12,100	-	0.0%
	15 - Transportation Expense-Gas&Oil	430,000	380,000	50,000	13.2%
	16 - Transportation Exp-Repair&Main	315,000	215,000	100,000	46.5%
	17 - Operation & Maintenance Exp	1,000	1,000	-	0.0%
	39 - Maint of Equipment	6,000	6,000	-	0.0%
	42 - Business Expense & Travel	1,200	1,200	-	0.0%
	43 - Training Expense & Travel	3,900	3,900	-	0.0%
<b>37 - Automotive Shop Total</b>		<b>1,198,103</b>	<b>1,033,609</b>	<b>164,494</b>	<b>15.9%</b>
<b>38 - Support Services</b>	10 - District Overtime Labor	48,635	48,635	-	0.0%
	11 - All Other District Labor	527,619	518,001	9,618	1.9%
	14 - Small Tools & Materials	3,000	3,000	-	0.0%
	17 - Operation & Maintenance Exp	22,500	22,500	-	0.0%

Department	Activity	2024		Increase / (Decrease)	% Increase / (Decrease)
		2025 Budget	Original Budget		
	23 - Environmental	26,000	26,000	-	0.0%
	27 - Personal Computer Software	4,000	4,000	-	0.0%
	37 - Grounds Care	94,524	94,524	-	0.0%
	38 - Maint of Bldg & Improvements	327,500	353,500	(26,000)	(7.4%)
	39 - Maint of Equipment	5,000	5,000	-	0.0%
	42 - Business Expense & Travel	2,100	2,400	(300)	(12.5%)
	43 - Training Expense & Travel	10,000	7,500	2,500	33.3%
	45 - Subscriptions & Publications	500	500	-	0.0%
	51 - Water, Garbage, Irrigation & Other	79,000	79,000	-	0.0%
	61 - Professional Services	14,500	17,500	(3,000)	(17.1%)
	104 - Other Employee Costs	1,800	1,800	-	0.0%
	131 - Structures & Improvements	971,500	2,660,000	(1,688,500)	(63.5%)
	133 - Transportation Equipment	965,000	1,219,000	(254,000)	(20.8%)
<b>38 - Support Services Total</b>		<b>3,103,178</b>	<b>5,062,860</b>	<b>(1,959,682)</b>	<b>(38.7%)</b>
<b>39 - Warehouse</b>					
	13 - Store Expense - Non Labor	25,000	25,000	-	0.0%
	14 - Small Tools & Materials	4,000	4,000	-	0.0%
	17 - Operation & Maintenance Exp	398,000	398,000	-	0.0%
	42 - Business Expense & Travel	1,000	1,000	-	0.0%
	43 - Training Expense & Travel	3,300	3,300	-	0.0%
	104 - Other Employee Costs	29,000	29,000	-	0.0%
<b>39 - Warehouse Total</b>		<b>460,300</b>	<b>460,300</b>	<b>-</b>	<b>0.0%</b>
<b>Grand Total</b>		<b>\$16,615,910</b>	<b>\$17,806,334</b>	<b>(\$1,190,424)</b>	<b>(6.7%)</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>31 - Operations</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>11 - All Other District Labor</b>	Admin and General	920.00		\$93,375
	Distribution O&M	588.00		772,635
	Inventory	163.00		37,149
	Personal Leave	184.30		184,499
	Services, Set Xfmrs, Run Secondary	369.10	94	28,183
	Transportation	184.12		37,275
<b>11 - All Other District Labor Total</b>				<b>1,153,116</b>
<b>33 - Office Supplies &amp; Expenses</b>	Misc Office Supplies	588.00		4,000
<b>33 - Office Supplies &amp; Expenses Total</b>				<b>4,000</b>
<b>42 - Business Expense &amp; Travel</b>	Distributech (AGM/Senior Director)	588.00		2,000
	Travel (Senior Director/Assistant)	588.00		2,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>4,000</b>
<b>43 - Training Expense &amp; Travel</b>	Flagging	588.00		5,500
	Special Safety Sessions	588.00		2,500
	Training (Operations Admin Business Analyst I)	588.00		2,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>10,000</b>
<b>45 - Subscriptions &amp; Publications</b>	Publications	588.00		500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>500</b>
<b>61 - Professional Services</b>	Safety Consultant	588.00		10,000
<b>61 - Professional Services Total</b>				<b>10,000</b>
<b>72 - Industry Assoc Assessments</b>	IEEE (Senior Director)	588.00		250
	ISA - International Society of Arboriculture (Tree Coordinator)	588.00		250
	National Arbor Day Foundation (Tree Line USA Annual Fee)	588.00		75
	Notary	588.00		50
	PE License (Senior Director)	588.00		150
	UDIG (Superintendent)	588.00		50
	Arborist Recertification (Every 3 Years)	588.00		250
<b>72 - Industry Assoc Assessments Total</b>				<b>1,075</b>
<b>104 - Other Employee Costs</b>	CDL Endorsement Reimbursement - Ops	588.00		1,300
	First Aid Cards	588.00		2,000
	First Aid Training Supplies	588.00		1,000
	Operations Employee Recognition	926.10		800
	Operations Replacement Fitness Equipment	926.10		15,000
	Other Dist. Expense	588.00		2,000
	Safety Lens Reimbursement Program	588.00		3,000
	Safety Supplies	588.00		1,000
<b>104 - Other Employee Costs Total</b>				<b>28,100</b>
<b>132 - Office Equipment</b>	Projected Capital Equip - Ops	390.00	66	5,000
<b>132 - Office Equipment Total</b>				<b>5,000</b>
<b>Grand Total</b>				<b>\$1,215,791</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>32 - Supt of Transm &amp; Distribution</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Distribution System Improvements	365.00	141	\$384
	Distribution System Improvements	366.00	141	576
	Labor - Overtime - Distribution	588.00		770,336
	Service Poles	364.00	93	1,403
<b>10 - District Overtime Labor Total</b>				<b>772,699</b>
<b>11 - All Other District Labor</b>	Admin and General	920.00		4,283
	Broadband	935.20		5,543
	Customer Accounting	903.00		90,175
	Distribution	588.00		1,855,025
	Distribution Base Growth	365.00	140	250,000
	Distribution Base Growth	366.00	140	364,136
	Distribution Pole Replacement	364.00	160	15,243
	Distribution System Improvements	365.00	141	25,479
	Distribution System Improvements	366.00	141	38,217
	Farm Cable Replacement	367.00	424	75,000
	Install New Switch N/O Sunset Tap	355.00	137	9,404
	Meal Reimbursement	588.00		15,000
	Personal Leave	184.30		742,764
	POS #41 - ZEH-4, New OH tie to GUM-4 at Game Farm Rd.	365.00	206	138,510
	POS #58-WO# 647820 -BEC-3, New Feeder to East to Tie with SSR-1	365.00	205	13,800
	POS#:132 - N-1 Phase Balancing	365.00	475	20,174
	POS#133 - L537V Upgrade to 167kVA	365.00	476	2,522
	POS#133 - Prosser-3/Sunset Rd.-2 Outage Support	365.00	477	17,216
	POS#134 - New Line Switch Hdegcs-3	365.00	458	2,250
	POS#14 - WO# 714128 - GUM-4, Hed-3 Game Farm to Haney Rd	365.00	453	50,908
	POS#143 - New Line Switch Sunset Rd-3	365.00	458	2,800
	POS#147 - New Line Switch Kennewick-6	365.00	458	2,850
	Repair & Replacement - Cable	367.00	147	35,072
	Service Poles	364.00	93	16,552
	Services, Set Xfmrs, Run Secondary	369.10	94	212,898
	Services, Set Xfmrs, Run Secondary	369.20	94	193,949
	Transmission	566.00		14,904
	Trouble Orders	365.00	149	357,000
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	362.01	436	10,600
	WO#687121 - COK - Nutmeg Line Relocation	365.00	141	27,603
	WO#704055 - Paterson East Tap Switch	355.00	137	22,000
	Irrigro Transmission Sectionalizing Switches	355.00	137	25,400
<b>11 - All Other District Labor Total</b>				<b>4,657,277</b>
<b>14 - Small Tools &amp; Materials</b>	Anderson Presses	588.00	429	15,000
	Hot Arms	588.00		15,000
	Locator Clamps	588.00		2,000
	Small Tool Expense	588.00		98,000
<b>14 - Small Tools &amp; Materials Total</b>				<b>130,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Other Dist Exp	588.00		30,000
	Trouble Orders - O&M	588.00		20,000
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>50,000</b>
<b>18 - Misc Construction Expense</b>	Misc. Construction Capital Expense - Line Department	364.00	60	67,500
	Trouble Orders	365.00	149	137,844
<b>18 - Misc Construction Expense Total</b>				<b>205,344</b>
<b>19 - Tree Trimming - Contract</b>	Tree Replacement	593.40		5,000
	Tree Trimming	593.40		790,000
<b>19 - Tree Trimming - Contract Total</b>				<b>795,000</b>
<b>20 - Off-the-Dock Labor</b>	Pole Stubbing	364.00	64	10,000
<b>20 - Off-the-Dock Labor Total</b>				<b>10,000</b>
<b>21 - Elec Construction Contracts</b>	Fire Wraps	593.10		60,000
	Pole Testing	593.10		185,000
	Steel Pole Testing	593.10		40,000
<b>21 - Elec Construction Contracts Total</b>				<b>285,000</b>
<b>39 - Maint of Equipment</b>	Maint of Tools	588.00		20,000
<b>39 - Maint of Equipment Total</b>				<b>20,000</b>
<b>42 - Business Expense &amp; Travel</b>	E&O (2)	588.00		2,500
	Supt Business (2)	588.00		2,500
	Tree Coordinator Business Exp	588.00		2,500
	Utility Expo	588.00		2,500
<b>42 - Business Expense &amp; Travel Total</b>				<b>10,000</b>
<b>43 - Training Expense &amp; Travel</b>	Lineman Rodeo	588.00		1
	Training	588.00		20,000

Activity	Description	GL Acct	BU Project	2025 Budget
	Training (Line Apprentices)	588.00		21,715
<b>43 - Training Expense &amp; Travel Total</b>				<b>41,716</b>
<b>50 - Telephone &amp; Answering Services</b>	Locates	584.00		12,000
<b>50 - Telephone &amp; Answering Services Total</b>				<b>12,000</b>
<b>104 - Other Employee Costs</b>	FR Clothing (New Hires)	588.00		1,500
	FR Clothing (Rain Gear)	588.00		2,000
	FR Clothing and Gloves (Current Employees)	588.00		49,000
	Hats	588.00		2,000
<b>104 - Other Employee Costs Total</b>				<b>54,500</b>
<b>134 - Tools, Shop &amp; Stores Equipment</b>	Locator	394.00	463	12,200
<b>134 - Tools, Shop &amp; Stores Equipment Total</b>				<b>12,200</b>
<b>Grand Total</b>				<b>\$7,055,736</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>33 - Supt of Operations</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
10 - District Overtime Labor	Labor - Overtime - Distribution	588.00		\$28,221
<b>10 - District Overtime Labor Total</b>				<b>28,221</b>
11 - All Other District Labor	Distribution	588.00		166,202
	Personal Leave	184.30		31,658
<b>11 - All Other District Labor Total</b>				<b>197,860</b>
17 - Operation & Maintenance Exp	Communication Expenses	588.00		2,500
	Doble Lease - Power Factor Test Set (XFR Shop)	592.00		34,000
	Doble Relay Test Set Maintenance/Calibration	592.00		12,000
	Microwave Site/Umatilla Power Bill	935.01		7,000
	Phase Tracker Yearly Fee	588.00		700
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>56,200</b>
40 - Rents	800 MHz Usage Fee - BCES	588.00		41,000
	Microwave Circuit Billing - BCES	588.00		35,000
<b>40 - Rents Total</b>				<b>76,000</b>
42 - Business Expense & Travel	Travel (Superintendent)	588.00		3,500
<b>42 - Business Expense &amp; Travel Total</b>				<b>3,500</b>
43 - Training Expense & Travel	Dept Asst. Training	588.00		1,500
	Survallent Training/Training (Back Up Dispatcher)	588.00		3,500
	Training (Superintendent)	588.00		3,500
	Training (System Dispatcher)	588.00		3,500
<b>43 - Training Expense &amp; Travel Total</b>				<b>12,000</b>
50 - Telephone & Answering Services	Call Center	588.00		155,000
<b>50 - Telephone &amp; Answering Services Total</b>				<b>155,000</b>
61 - Professional Services	Communications Contracting	588.00		25,000
	Meter Testing	586.10		20,000
<b>61 - Professional Services Total</b>				<b>45,000</b>
72 - Industry Assoc Assessments	Electrician License Renewal	588.00		500
<b>72 - Industry Assoc Assessments Total</b>				<b>500</b>
<b>Grand Total</b>				<b>\$574,281</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>34 - Meter Shop</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Distribution	<b>588.00</b>		\$43,672
<b>10 - District Overtime Labor Total</b>				<b>43,672</b>
<b>11 - All Other District Labor</b>	Angus Bay 2 SCADA Modifications	<b>380.00</b>	202	5,500
	Chevron RTU Upgrade	<b>380.00</b>	425	2,297
	Customer Accounting	<b>903.00</b>		4,138
	Distribution	<b>588.00</b>		471,510
	Distribution System Improvements	<b>365.00</b>	141	4,647
	Kennewick Bay 1 Recloser Control Upgrades	<b>362.01</b>	459	4,035
	Kennewick Bay 2 RTAC Replacement	<b>380.00</b>	479	7,500
	Kennewick Bay 3 Recloser Control Upgrades	<b>362.01</b>	459	4,035
	Meter Change-Outs	<b>370.00</b>	336	80,000
	Personal Leave	<b>184.30</b>		144,727
	Services, Set Xfms, Run Secondary	<b>370.00</b>	94	63,495
	WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Replacement	<b>362.01</b>	411	30,000
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	<b>362.01</b>	436	49,660
	WO# 711078 - Hedges 115kV Metering Point	<b>355.00</b>	169	5,000
	WO#718354 - Angus Bay #2 Bay Protection Upgrades	<b>362.01</b>	456	28,000
<b>11 - All Other District Labor Total</b>				<b>904,544</b>
<b>14 - Small Tools &amp; Materials</b>	Small Tool Expense	<b>597.00</b>		6,000
<b>14 - Small Tools &amp; Materials Total</b>				<b>6,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Calibration of Radian Weco Meter Test Boards	<b>597.00</b>		2,500
	O&M Expenses	<b>597.00</b>		5,000
	Support Package for Radian Weco 4150X	<b>597.00</b>		1,600
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>9,100</b>
<b>39 - Maint of Equipment</b>	Other Dist Exp	<b>597.00</b>		10,000
<b>39 - Maint of Equipment Total</b>				<b>10,000</b>
<b>42 - Business Expense &amp; Travel</b>	NW Meter Group and Hands On Relay Planning	<b>588.00</b>		1,500
<b>42 - Business Expense &amp; Travel Total</b>				<b>1,500</b>
<b>43 - Training Expense &amp; Travel</b>	NW Meter School	<b>588.00</b>		1,500
	Power Quality	<b>588.00</b>		1,400
	Relay School	<b>588.00</b>		1,400
	SEL - 2032 Communication Processor Training	<b>588.00</b>		2,000
	Training	<b>588.00</b>		5,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>11,300</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications	<b>588.00</b>		500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>500</b>
<b>61 - Professional Services</b>	Meter Base Repair (Hot Socket/Meter Exchange)	<b>588.00</b>		40,000
	Replacement of Meter CT's	<b>588.00</b>		10,000
<b>61 - Professional Services Total</b>				<b>50,000</b>
<b>124 - Meters &amp; Related Items</b>	Meter Change-Outs	<b>370.00</b>	336	350,000
	Meters	<b>370.00</b>	86	450,000
<b>124 - Meters &amp; Related Items Total</b>				<b>800,000</b>
<b>127 - SCADA Communications Equipment</b>	SCADA Radio	<b>592.30</b>		5,000
<b>127 - SCADA Communications Equipment Total</b>				<b>5,000</b>
<b>128 - SCADA Substation Equipment</b>	SCADA Substation Equipment	<b>592.00</b>		5,000
<b>128 - SCADA Substation Equipment Total</b>				<b>5,000</b>
<b>134 - Tools, Shop &amp; Stores Equipment</b>	Bolt Single Phase Recorder	<b>395.00</b>	464	6,237
<b>134 - Tools, Shop &amp; Stores Equipment Total</b>				<b>6,237</b>
<b>135 - Laboratory &amp; Test Equipment</b>	Multiform Six Position Meter Test Board	<b>395.00</b>	465	30,000
	Recloser/Test Break-Out Box	<b>395.00</b>	466	7,561
	Revolution PQ Recorder	<b>395.00</b>	467	18,811
<b>135 - Laboratory &amp; Test Equipment Total</b>				<b>56,372</b>
<b>136 - Communication Equipment</b>	Communications Equipment/800 MHz Radios	<b>397.00</b>	49	5,000
<b>136 - Communication Equipment Total</b>				<b>5,000</b>
<b>Grand Total</b>				<b>\$1,914,225</b>



**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>35 - Transformer Shop</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Distribution	<b>588.00</b>		\$51,261
<b>10 - District Overtime Labor Total</b>				<b>51,261</b>
<b>11 - All Other District Labor</b>	Admin and General	<b>920.00</b>		4,706
	Distribution	<b>588.00</b>		557,813
	Distribution System Improvements	<b>366.00</b>	141	4,164
	Kennewick Bay 1 Recloser Control Upgrades	<b>362.01</b>	459	3,668
	Kennewick Bay 3 Recloser Control Upgrades	<b>362.01</b>	459	3,668
	Personal Leave	<b>184.30</b>		126,901
	WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Replacement	<b>362.01</b>	411	25,000
	WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	<b>362.01</b>	436	30,210
	WO# 711078 - Hedges 115kV Metering Point	<b>355.00</b>	169	5,000
	WO#718354 - Angus Bay #2 Bay Protection Upgrades	<b>362.01</b>	456	32,000
<b>11 - All Other District Labor Total</b>				<b>793,130</b>
<b>14 - Small Tools &amp; Materials</b>	Small Tool Expense	<b>595.00</b>		8,000
<b>14 - Small Tools &amp; Materials Total</b>				<b>8,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Gloves, Macs, Blankets, Rubber Goods	<b>595.00</b>		15,000
	O&M Expense	<b>595.00</b>		81,922
	Oil Testing at Wind Farm (Reimbursable Job 19244)	<b>595.00</b>		14,000
	Replace Aging Macs	<b>595.00</b>		5,000
	SD Myer Oil Screening	<b>595.00</b>		18,000
	Substation Sterilization	<b>595.00</b>		10,000
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>143,922</b>
<b>18 - Misc Construction Expense</b>	Misc. Construction Capital Expense - Transformer Shop	<b>361.00</b>	61	10,000
<b>18 - Misc Construction Expense Total</b>				<b>10,000</b>
<b>42 - Business Expense &amp; Travel</b>	Cascade Conference	<b>588.00</b>		1,000
	Codes Update (6) (Station Electrician)	<b>588.00</b>		2,300
	E&O	<b>588.00</b>		1,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>4,300</b>
<b>43 - Training Expense &amp; Travel</b>	Cooper Reg Workshop	<b>588.00</b>		1,600
	Doble Training Onsite	<b>588.00</b>		1,600
	Pesticide License - Refresher	<b>588.00</b>		200
	Recloser Training	<b>588.00</b>		1,600
	Reinhausen Tap Changer Workshop	<b>588.00</b>		1,600
	Waukesha Tap Changer Training	<b>588.00</b>		1,600
<b>43 - Training Expense &amp; Travel Total</b>				<b>8,200</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications	<b>588.00</b>		500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>500</b>
<b>134 - Tools, Shop &amp; Stores Equipment</b>	Anderson Crimp	<b>394.00</b>	469	5,755
	Stinger Kit ( for working on 115 switches)	<b>394.00</b>	472	9,195
	Tekton Tool Cabinet/Kit	<b>394.00</b>	473	10,589
<b>134 - Tools, Shop &amp; Stores Equipment Total</b>				<b>25,539</b>
<b>135 - Laboratory &amp; Test Equipment</b>	Megger M0M2 Micro Ohm Meter	<b>395.00</b>	470	9,444
	Portable Onsite DGA (Kelman)	<b>395.00</b>	471	40,000
<b>135 - Laboratory &amp; Test Equipment Total</b>				<b>49,444</b>
<b>Grand Total</b>				<b>\$1,094,296</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>37 - Automotive Shop</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Transportation	<b>184.11</b>		\$10,800
<b>10 - District Overtime Labor Total</b>				<b>10,800</b>
<b>11 - All Other District Labor</b>	Distribution	<b>588.00</b>		7,642
	Personal Leave	<b>184.30</b>		66,897
	Transportation	<b>184.12</b>		343,564
<b>11 - All Other District Labor Total</b>				<b>418,103</b>
<b>14 - Small Tools &amp; Materials</b>	All Data	<b>184.12</b>		2,100
	General Tools	<b>184.12</b>		3,000
	Software Update	<b>184.12</b>		7,000
<b>14 - Small Tools &amp; Materials Total</b>				<b>12,100</b>
<b>15 - Transportation Expense-Gas&amp;Oil</b>	Transportation Expense - Gas and Oil	<b>184.11</b>		430,000
<b>15 - Transportation Expense-Gas&amp;Oil Total</b>				<b>430,000</b>
<b>16 - Transportation Exp-Repair&amp;Main</b>	Boom Inspections	<b>184.12</b>		10,000
	Fire Extinguishers on Vehicles	<b>184.12</b>		2,000
	Transportation Expense	<b>184.12</b>		280,000
	Vehicle Detailing	<b>184.12</b>		23,000
<b>16 - Transportation Exp-Repair&amp;Main Total</b>				<b>315,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	O&M Expense	<b>588.00</b>		1,000
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>1,000</b>
<b>39 - Maint of Equipment</b>	Bio Digester (Filtration System for Wash Bay)	<b>598.10</b>		2,500
	Maint Agrmts for Pressure Washer, Compressor and Water Filter	<b>184.12</b>		2,500
	Transportation Expense - Other	<b>184.12</b>		1,000
<b>39 - Maint of Equipment Total</b>				<b>6,000</b>
<b>42 - Business Expense &amp; Travel</b>	Business Travel & Expense (Foreman/Mechanic)	<b>588.00</b>		1,200
<b>42 - Business Expense &amp; Travel Total</b>				<b>1,200</b>
<b>43 - Training Expense &amp; Travel</b>	Altec Aerial Training	<b>588.00</b>		1,200
	Automotive Training Group (at CBC)	<b>588.00</b>		700
	Cummings Training	<b>588.00</b>		1,000
	Vehicle Motor Maint (1)	<b>588.00</b>		1,000
<b>43 - Training Expense &amp; Travel Total</b>				<b>3,900</b>
<b>Grand Total</b>				<b>\$1,198,103</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>38 - Support Services</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>10 - District Overtime Labor</b>	Labor - Overtime - Inventory	<b>163.00</b>		\$48,635
<b>10 - District Overtime Labor Total</b>				<b>48,635</b>
<b>11 - All Other District Labor</b>	Admin and General	<b>920.00</b>		36,729
	Distribution O&M	<b>588.00</b>		122,594
	Inventory	<b>163.00</b>		282,514
	Personal Leave	<b>184.30</b>		84,419
	Transmission	<b>566.00</b>		1,363
<b>11 - All Other District Labor Total</b>				<b>527,619</b>
<b>14 - Small Tools &amp; Materials</b>	Small Tool Expense	<b>588.00</b>		3,000
<b>14 - Small Tools &amp; Materials Total</b>				<b>3,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	O&M Expense	<b>588.00</b>		2,500
	Pole Line Sterilization	<b>571.20</b>		15,000
	Ultraviolet Lights (Virus Killer)	<b>588.00</b>		5,000
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>22,500</b>
<b>23 - Environmental</b>	Hazardous Waste Disposal	<b>588.00</b>		6,000
	Transportation Expense - Oil Disposal	<b>588.00</b>		10,000
	Universal Waste Disposal	<b>588.00</b>		10,000
<b>23 - Environmental Total</b>				<b>26,000</b>
<b>27 - Personal Computer Software</b>	SDS Online (MSDS)	<b>588.00</b>		4,000
<b>27 - Personal Computer Software Total</b>				<b>4,000</b>
<b>37 - Grounds Care</b>	General Expenses - Admin	<b>935.00</b>		4,000
	General Expenses - Operations	<b>598.10</b>		3,000
	Kennewick	<b>935.00</b>		48,500
	Property Clean - Up	<b>598.10</b>		4,000
	Prosser	<b>935.04</b>		16,024
	Substations	<b>598.10</b>		6,500
	Tree Maintenance	<b>598.10</b>		12,500
<b>37 - Grounds Care Total</b>				<b>94,524</b>
<b>38 - Maint of Bldg &amp; Improvements</b>	Carpet Cleaning (Admin)	<b>935.00</b>		5,000
	Carpet Cleaning (Operations)	<b>598.10</b>		4,500
	Fire Extinguishers	<b>598.10</b>		3,000
	Floor Mats (Admin)	<b>935.00</b>		4,000
	Floor Mats (Operations)	<b>598.10</b>		10,000
	General Maintenance - Admin	<b>935.00</b>		22,000
	General Maintenance - Operations	<b>598.10</b>		22,000
	General Maintenance - Prosser	<b>935.04</b>		20,000
	Graffiti Removal	<b>598.10</b>		5,000
	HVAC - Admin	<b>935.00</b>		25,000
	HVAC - Operations	<b>598.10</b>		15,000
	HVAC - Prosser	<b>935.04</b>		2,000
	Insulation of Directors/Managers/Supervisors Offices (16 Total Units)	<b>935.00</b>		20,000
	Janitorial - Extra work as needed	<b>598.10</b>		5,000
	Janitorial Services - Admin	<b>935.00</b>		63,000
	Janitorial Services - Operations	<b>598.10</b>		51,000
	Janitorial Services - Prosser	<b>935.04</b>		19,000
	Painting - Admin	<b>935.00</b>		6,000
	Painting - Operations	<b>598.10</b>		6,000
	Water Service Ops and Prosser	<b>588.00</b>		10,000
	Water System Admin	<b>935.00</b>		5,000
	Wireless Expansion (Operations)	<b>598.10</b>		5,000
<b>38 - Maint of Bldg &amp; Improvements Total</b>				<b>327,500</b>
<b>39 - Maint of Equipment</b>	Maintenance	<b>935.00</b>		5,000
<b>39 - Maint of Equipment Total</b>				<b>5,000</b>
<b>42 - Business Expense &amp; Travel</b>	Audit Disposal Facility	<b>588.00</b>		1,000
	Maint. Dept Business Travel Exp	<b>588.00</b>		400
	Supt of Support Svcs Business Travel (Includes: Fleet Managers Quarterly)	<b>588.00</b>		700
<b>42 - Business Expense &amp; Travel Total</b>				<b>2,100</b>
<b>43 - Training Expense &amp; Travel</b>	Hazwopper Training	<b>588.00</b>		1,200
	NWPPA Environmental Task Force (Quarterly)	<b>588.00</b>		1,400
	PCB & XFR Oil Workshop (2)	<b>588.00</b>		3,000
	Pesticide License - Renewal and Testing	<b>588.00</b>		1,200
	Utilities Expo	<b>588.00</b>		2,500
	Washington Dept of Ecology (RCRA)	<b>588.00</b>		700
<b>43 - Training Expense &amp; Travel Total</b>				<b>10,000</b>
<b>45 - Subscriptions &amp; Publications</b>	Subscription & Publications	<b>588.00</b>		500
<b>45 - Subscriptions &amp; Publications Total</b>				<b>500</b>
<b>51 - Water,Garbage,Irrigation&amp;Other</b>	Benton County Property Tax	<b>935.00</b>		2,000

Activity	Description	GL Acct	BU Project	2025 Budget
	CID	935.00		2,000
	KID	935.00		9,000
	Prosser Utilities	598.10		19,000
	Water, Garbage, Irrigation, Other	598.10		47,000
<b>51 - Water, Garbage, Irrigation &amp; Other Total</b>				<b>79,000</b>
<b>61 - Professional Services</b>	General Expenses	921.00		4,000
	Mech Engr Drawings	588.00		4,000
	Radio Tower Site Inspection	935.03		6,500
<b>61 - Professional Services Total</b>				<b>14,500</b>
<b>104 - Other Employee Costs</b>	Clothing/Shoes/Gloves	588.00		1,800
<b>104 - Other Employee Costs Total</b>				<b>1,800</b>
<b>131 - Structures &amp; Improvements</b>	Dry Transformers - (2) Spares for Admin and Prosser facilities	390.00	460	6,500
	Kennewick Lobby Remodel	390.00	420	850,000
	Swamp Cooler Replacement (2 in Ops 2024) ( 6 in ops 2025)	390.01	445	30,000
	Replacement of Stairs & Ramp (Operations Center)	390.01	462	75,000
	Mini Split HVAC Addition to Prosser Equipment Room	391.00	461	10,000
<b>131 - Structures &amp; Improvements Total</b>				<b>971,500</b>
<b>133 - Transportation Equipment</b>	Bucket Truck - Prosser (Replacing #73) (Under Contract)	392.00	347	340,000
	Kennewick Bucket Truck (Replacing #149) (Under Contract)	392.00	342	342,000
	Service Truck - Kennewick (Replacing #184) (Under Contract)	392.00	398	235,000
	Transformer Shop - Foreman Truck (Replacing #146)	392.00	468	48,000
<b>133 - Transportation Equipment Total</b>				<b>965,000</b>
<b>Grand Total</b>				<b>\$3,103,178</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>39 - Warehouse</b>
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<b>Activity</b>	<b>Description</b>	<b>GL Acct</b>	<b>BU Project</b>	<b>2025 Budget</b>
<b>13 - Store Expense - Non Labor</b>	Stores Exp Undistributed	<b>163.00</b>		\$25,000
<b>13 - Store Expense - Non Labor Total</b>				<b>25,000</b>
<b>14 - Small Tools &amp; Materials</b>	Small Tool Expense	<b>163.00</b>		4,000
<b>14 - Small Tools &amp; Materials Total</b>				<b>4,000</b>
<b>17 - Operation &amp; Maintenance Exp</b>	Exempt Inventory	<b>163.00</b>		300,000
	Other Dist Exp	<b>588.00</b>		30,400
	Stores Exp Undistributed	<b>163.00</b>		67,600
<b>17 - Operation &amp; Maintenance Exp Total</b>				<b>398,000</b>
<b>42 - Business Expense &amp; Travel</b>	Travel Expense (Foremen/Warehouseworker/Coordinator)	<b>588.00</b>		1,000
<b>42 - Business Expense &amp; Travel Total</b>				<b>1,000</b>
<b>43 - Training Expense &amp; Travel</b>	NISC - ABS	<b>588.00</b>		1,300
	NWPPA Material Management (1)	<b>588.00</b>		700
	Warehouse Coordinator	<b>588.00</b>		1,300
<b>43 - Training Expense &amp; Travel Total</b>				<b>3,300</b>
<b>104 - Other Employee Costs</b>	A&G	<b>921.00</b>		4,300
	Other Distribution Expense	<b>588.00</b>		24,700
<b>104 - Other Employee Costs Total</b>				<b>29,000</b>
<b>Grand Total</b>				<b>\$460,300</b>





# Non- Departmental





## Summary by Expense by Directorate 2025 Budget

<b>Directorate</b>	<b>No Directorate</b>
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<b>Department</b>	<b>2025 Budget</b>
98 - Non-Departmental Rev/Exp	\$42,485,514
<b>Grand Total</b>	<b>\$42,485,514</b>

**Directorate Budget by Department and Activity  
2025 Budget Compared to 2024 Original Budget**

<b>Directorate</b>	<b>No Directorate</b>
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Department	Activity	2025 Budget	2024 Original Budget	Increase / (Decrease)	% Increase / (Decrease)
<b>98 - Non-Departmental Rev/Exp</b>	11 - All Other District Labor	(\$150,000)	(\$150,000)	\$0	0.0%
	80 - Public Utility & Excise Tax	5,780,000	5,522,000	258,000	4.7%
	81 - State Privilege Tax	2,955,000	2,816,000	139,000	4.9%
	82 - City Occupation Taxes	6,755,000	6,439,000	316,000	4.9%
	88 - Payroll Taxes	1,457,720	1,377,013	80,707	5.9%
	101 - Employee Benefits	6,451,917	5,878,025	573,892	9.8%
	150 - Principal	3,415,000	3,265,000	150,000	4.6%
	151 - Interest	2,751,147	3,072,396	(321,249)	(10.5%)
	301 - Depreciation	13,069,730	12,411,800	657,930	5.3%
<b>98 - Non-Departmental Rev/Exp Total</b>		<b>42,485,514</b>	<b>40,631,234</b>	<b>1,854,280</b>	<b>4.6%</b>
<b>Grand Total</b>		<b>\$42,485,514</b>	<b>\$40,631,234</b>	<b>\$1,854,280</b>	<b>4.6%</b>

**Department Budget by Activity  
2025 Budget**

<b>Department</b>	<b>98 - Non-Departmental Rev/Exp</b>
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Activity	Description	GL Acct	BU Project	2025 Budget
<b>11 - All Other District Labor</b>	Distribution	<b>588.00</b>		(\$150,000)
<b>11 - All Other District Labor Total</b>				<b>(150,000)</b>
<b>80 - Public Utility &amp; Excise Tax</b>	Other Excise Tax	<b>408.08</b>		93,000
	Public Utility Tax	<b>408.06</b>		5,687,000
<b>80 - Public Utility &amp; Excise Tax Total</b>				<b>5,780,000</b>
<b>81 - State Privilege Tax</b>	Privilege Tax	<b>408.05</b>		2,955,000
<b>81 - State Privilege Tax Total</b>				<b>2,955,000</b>
<b>82 - City Occupation Taxes</b>	City Occupation Tax	<b>408.07</b>		6,755,000
<b>82 - City Occupation Taxes Total</b>				<b>6,755,000</b>
<b>88 - Payroll Taxes</b>	Medicare	<b>184.34</b>		280,231
	Social Security	<b>184.34</b>		1,177,489
<b>88 - Payroll Taxes Total</b>				<b>1,457,720</b>
<b>101 - Employee Benefits</b>	Change in PL	<b>184.30</b>		200,000
	Deferred Compensation	<b>184.40</b>		537,649
	Dental	<b>184.36</b>		219,375
	Incentive Qualification PL	<b>184.30</b>		75,000
	Life Insurance	<b>184.32</b>		38,000
	Medical	<b>184.33</b>		2,798,016
	PERS	<b>184.35</b>		1,727,084
	State Industrial (L&I)	<b>184.31</b>		219,816
	STD Admin Fee	<b>184.39</b>		3,000
	Supervisory 401(a) Contributions	<b>184.40</b>		93,953
	Unemployment	<b>184.38</b>		7,000
	VEBA Wellness (\$200 per employee per month)	<b>184.40</b>		361,800
	Vision	<b>184.44</b>		37,536
	HRA Contribution for CDHP	<b>184.40</b>		133,688
<b>101 - Employee Benefits Total</b>				<b>6,451,917</b>
<b>150 - Principal</b>	Debt Service - Principal	<b>125.00</b>		3,415,000
<b>150 - Principal Total</b>				<b>3,415,000</b>
<b>151 - Interest</b>	Amortization of Bond Loss/Gain on Defeasance	<b>428.00</b>		(2,854)
	Amortization of Bond Premium	<b>429.00</b>		(517,912)
	BABs Subsidy for 2010 Bonds	<b>427.01</b>		(264,564)
	Bond Interest Expense	<b>427.00</b>		3,536,477
<b>151 - Interest Total</b>				<b>2,751,147</b>
<b>301 - Depreciation</b>	Depr - Broadband	<b>403.61</b>		1,120,350
	Depr - Distribution	<b>403.60</b>		9,278,180
	Depr - General Plant	<b>403.70</b>		1,608,200
	Depr - Generation	<b>403.40</b>		28,000
	Depr - Transmission	<b>403.50</b>		618,000
	Depr - Transportation Equipment	<b>184.12</b>		417,000
<b>Grand Total</b>				<b>\$42,485,514</b>





# Activity Codes



**PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY**  
**BUDGET ACTIVITY CODE DEFINITIONS**

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**SYSTEM COSTS:**

**5 Construction Overhead Allocated**

The allocation of overhead construction costs based on loaded construction payroll.

**6 Warehouse & Small Tool Allocated**

The allocation of expenses associated with the warehouse and purchasing functions based on inventory activity.

**7 Transportation Expense Allocated**

The allocation of expenses associated with the auto shop function to mileage.

**8 Benefits & Payroll Taxes Allocated**

The allocation of employee benefits and payroll taxes based on labor.

**9 Purchased Power**

Includes all expenses associated with the procurement of electric power and the associated transmission expense.

Some examples of power sources are included here:

- \*The Energy Authority (TEA)
- \*Bonneville Power Administration/Energy NW
- \*Market purchases and contracts for purchase
- \*Frederickson

**10 District Overtime Labor**

Includes all expenses for wages paid to District employees for overtime worked.

**11 All Other District Labor**

All expenses for wages, other than for overtime, including the following:

- \*Regular Pay (includes temporary upgrades, etc.)
- \*Standby Pay
- \*Duty Pay
- \*Vehicle Add Pay
- \*Other pay not covered elsewhere

**12 Materials & Supplies**

Includes all materials and supplies used which are kept in the District's inventories, except substation power transformers and regulators.

**13 Stores Expense - Non Labor**

Includes charges for the following:

- \*Cost of special forms for stores and purchasing use
- \*Miscellaneous general use materials and supplies of very low value such as miscellaneous screws, bolts, nuts, batteries, rags, nails, etc.

**14 Small Tools & Materials**

Includes expenses for tools and tool items having a unit cost of less than **\$5,000**. Also includes such items as rope or chain used in conjunction with other tools even though purchased by the reel where the intent is to cut it into useable sizes.

Some examples of expenses included here are:

- \*Klien Chicago Grips
- \*Hot sticks
- \*High voltage gloves
- \*Shovels and handles
- \*Rope & chain
- \*Endless slings
- \*Saw blades and files
- \*Glass range poles
- \*String measuring devices
- \*Extending level rod
- \*Magnetic strobe lights
- \*Travellers
- \*Drill bits and braces
- \*Pull grips and clamp sticks
- \*Hoists-hotstick and lineman
- \*Cadweld molds
- \*Signs - men working, etc.
- \*Traffic cones
- \*Ground clamps
- \*Hot line jumpers
- \*Line guards
- \*Miscellaneous test meters
- \*Electric drills and saws
- \*Various small hand tools

**15 Transportation Expense - Gas & Oil**

Includes all expenses for gasoline, diesel fuel, propane and automotive oil and grease.

**16 Transportation Expense - Repair & Maintenance**

Includes all expenses for parts and labor purchased to repair and maintain all vehicles in good condition, including towing costs.

**17 Operations & Maintenance Expense**

Includes expenses pertinent to the operations and maintenance of the District's electrical systems.

Some examples of expenses included here are:

- \*Materials and supplies generally purchased to operations or maintenance expense accounts rather than to inventory.
- \*Special engineering supplies
- \*Drafting film (Mylar, etc.)
- \*White print material
- \*Reduction services
- \*Microfilming
- \*Special forms unique to operations or maintenance
- \*Equipment instructions, operating, maintenance and service manuals
- \*Blueprint machine maintenance and paper costs
- \*Pressure vacuum regulators and gauges
- \*Rubber padding
- \*Paving repairs (i.e. road crossings, etc.)
- \*Wildlife protective boots
- \*Posts with cable decals
- \*Hi-Line road work
- \*Fuse links and other small fuses including bayonet fuses for transformers
- \*Miscellaneous materials and services for operations or maintenance of electric systems



\*Repairs to private property

Does not include materials and supplies normally purchased to District inventories or Off-the-Dock contract labor budgeted separately.

**18 Miscellaneous Construction Expense**

Includes costs charged to jobs for items of expense that do not become a part of a unit of property.

Some examples of expenses included here are:

- \*Benton County Engineer costs
- \*Purchases of sand, gravel and concrete for construction
- \*Rental costs necessary to job
- \*Service charges necessary to job
- \*Purchased labor other than bid by contract or quote (ex. payments to small contractor for road patching, trenching, blasting, digging pole holes, etc.)
- \*Payments to machine shops for making parts
- \*Purchased surveying costs incurred on specific jobs the construction of new transmission or distribution plant
- \*Miscellaneous Engineering or service labor for specific jobs
- \*Photography charged to jobs
- \*Miscellaneous small charges not readily identifiable
- \*Miscellaneous supplies for surveying such as stakes, flags etc.

**19 Tree Trimming - Contract**

Includes only those expenses for contracted tree trimming.

**20 Off-the-Dock Labor**

Includes only contracted Off-the-Dock labor.

**21 Electric Construction Contracts**

Includes contracts obtained by bid or quote to do a specific package of work such as build transmission or distribution line or a substation or part thereof.

Does not include contract costs for major maintenance of, or construction of, new general plant such as storage yards, service facilities and general office buildings. Such costs should be budgeted at items 038 - Maintenance of Buildings and Improvements or 131 – Structures and Improvements to differentiate them from electric plant costs.

**22 Contract Temporary Labor**

Includes contract labor on a temporary basis for existing labor positions. These are for people that are paid through a job agency and are not paid through the District's payroll system.

**23 Environmental**

Includes those costs associated with environmental compliance, waste minimization, handling, storage and disposal of hazardous material or dangerous waste.

Some examples of expenses included here are:

- \*Fees paid to disposal firms
- \*Transportation costs
- \*Test kits

- \*Testing of materials
- \*Cleanup media
- \*Drums

Does not include, cost to repair or replace real or personal property damaged by an environmental occurrence. Examples of these types of costs are blacktop replacement, concrete, gravel dirt or repairs to personal property.

## **GENERAL EXPENSES:**

### **25 Maintenance of Software**

### **26 Computer Hardware & Equipment Expense**

### **27 Personal Computer Software**

All personal computer software packages.

### **28 Personal Computer O & M Costs**

Includes all expenses related to the operation and maintenance of hardware equipment.

Some examples of expenses included here are:

- \*Replacement of cables
- \*Switches
- \*Connectors
- \*Cards
- \*Disk drives with like kind
- \*Maintenance contracts
- \*Phone line costs

### **29 Personal Computer Supplies & Expenses**

Includes all purchases of plotter paper, forms, diskettes, tapes, cartridges, ribbons, pens, and miscellaneous supplies used on the computer.

### **30 Customer Service Expenses**

Includes expenses attributable to Customer Service

Some examples of costs included here are:

- \*Armored Car dispatch
- \*Payments to Collections Stations (drugstores, etc.)
- \*Payments to Collection Agencies
- \*Padlocks - (meter readers)
- \*Special Forms (Cust. Accounting, Credit and Meter Reading)
- \*All postage expense

### **33 Office Supplies & Expenses**

Some examples of expenses included here are:

- \*Small items of office equipment - less than **\$5,000** unit cost
- \*Paper and envelopes
- \*General use forms
- \*Pencils, pens, erasers, rulers and misc. scales

- 34 Insurance**  
Includes the cost of insurance premiums including "Self-Insurance Assessments". It does not include the employee insurance premiums.
- 37 Grounds Care**  
Includes expenses for care of lawns and shrubbery at all office and substation locations.
- 38 Maintenance of Building & Improvements - General**  
Includes janitorial service, maintenance of buildings, and certain improvements to general property such as graveled and/or paved areas and fences.  
Some examples of expenses included here are:  
\*Janitorial Services  
\*Painting and repairs to buildings and structures  
\*Adding gravel to graveled areas  
\*Patching paved areas  
\*Repairs to heating, air conditioning, electrical and water systems.  
\*Contracts for major repairs, including labor contract.
- 39 Maintenance of Equipment - Communication, Office Equipment, General Property & Other**  
Some examples of expenses that may be included here are:  
\*Cost of Maintenance Agreements/Office equipment maintenance repair  
\*Maintenance/repair of vehicle radios  
\*Maintenance of telephones  
\*Maintenance/repair of other general property not budgeted elsewhere, i.e., tools.
- 40 Rents**  
Includes all expenses for use of property and equipment not budgeted elsewhere.  
Some examples of expenses included here are:  
\*Poles contact rentals  
\*Permits for railway crossings
- 41 Insurance Damages & Other Reimbursable**  
Costs paid to be reimbursed by insurance for damages to District property.
- 42 Business Expense & Travel**  
Includes all costs of meetings and travel that are for general business-related purposes.  
Some examples of expenses included here are:  
\*Chamber of Commerce  
\*TRIDEC  
\*Kiwanis  
\*Rotary Club  
\*NoaNet  
\*CWPU  
\*PURMS  
\*Foreman's dinner  
\*Travel costs related to the evaluation/investigation of products or equipment.

**43 Training Expense & Travel**

Includes all costs (travel, registration fees, materials, etc.) for meetings, conferences, and seminars that provide training or educational sessions or speakers in a learning or networking environment related to your work:

Some examples of expenses included here are:

- \*Conferences of professional associations with break-out training sessions
- \*Sessions offering continuing education credits or units
- \*Vendor conferences
- \*Meter school
- \*APPA or NWPPA courses or seminars

**44 Other General Expenses**

Miscellaneous general expenses not budgeted elsewhere, including but not limited to:

- \*Miscellaneous advertising for bids, rate studies, surplus property, call for bonds, etc.
- \*Employee service pins and awards
- \*Special survey costs

**45 Subscriptions & Publications**

Included here are all books, reference texts and manuals, newspapers, magazines and other general informational publications.

Some examples of expenses included here are:

- \*Special manuals
- \*Reference manuals and services (R.C.W.'s, National Public Employee Reports, etc.)
- \*Directories
- \*Computer Services
- \*Westlaw Legal Service
- \*Other miscellaneous publications such as:
  - Kiplinger Letter
  - Northwest Wage & Hours Subscription
  - N.A.D.A. Subscription
  - Electric Power & Light
  - Clearing Up
  - Energy Omnium

**46 Treasurer Expenses**

Bank fees, escrow fees, and other expenses directly related to the Treasurer.

**UTILITIES:**

**50 Telephone & Answering Services**

Includes all expenses for use of telephone lines and answering services except those for remote computer terminals

Some examples of expenses included here are:

- \*Frontier/Embarg - Prosser
- \*Verizon NW - Kennewick
- \*Kelley's Answering Service

- \*City of Prosser - Emergency Answering Service
- \*Washington State Central Stores - Scan lines
- \*Asplund - Utilities Underground Location Center

**51 Water, Garbage, Irrigation & Other**

Includes expenses for water, garbage and irrigation assessments at all District locations.

Some examples of expenses included here are:

- \*Kennewick Disposal - Garbage
- \*City of Kennewick - Water and Sewer
- \*City of Prosser - Water
- \*Culligan - Water conditioning
- \*Irrigation Districts - Annual Assessments
- \*Special Assessments

**OUTSIDE SERVICES:**

**60 Audit Examination - State**

**61 Professional Services**

Includes expenses for all professional services not budgeted elsewhere.

Some examples of expenses included here are:

- \*Engineering studies
- \*Other attorney fees
- \*District share of labor negotiations office
- \*Arbitration costs
- \*Purchased surveying costs not identified to other budget items. These would include surveying costs incurred in conjunction with feasibility studies and would not include survey cost for acquisition of land and land rights for general plant, or survey costs for power line design.

**DUES & ASSESSMENTS:**

**70 Civic & Service Organizations**

**72 Industry Association Assessments**

Includes all assessments paid for membership in various industry associations.

**73 Other Assessments**

Includes all other assessments not budgeted above or elsewhere in the budget.

**TAXES:**

**80 State Public Utility Tax & Other Excise Taxes**

**81 State Privilege Tax**

**82 City Occupation Taxes**

**88 Payroll Taxes**

**EMPLOYEE BENEFITS:**

**101 Employee Benefits**

**102 GASB Pension Expense**

**104 Other Employee Costs**

Includes expenses made for the benefit of employees.

Some examples of expenses included here are:

\*Purchase of tools supplied to employees

\*School Reimbursements

\*Medical exams

**106 Vacation Accrual**

**CONSERVATION:**

**107 Residential Loans**

**108 Non-Reimbursed Conservation Costs**

Includes the commercial program, flow restrictors, outlet gaskets, etc.

**109 Conservation Advertising**

Includes all conservation advertising costs.

**111 Electric Vehicle**

Includes all expenses incurred under the Electrification of Transportation Plan which was adopted by the commission on November 12, 2019, resolution 2521.

**112 Residential Conservation Expenses**

Includes the Weatherization, Heat Pump, Water Heater and Duct Sealing Programs.

**113 Commercial Conservation Expenses**

Includes small and medium general service and multi-family residential common area lighting improvements and small and medium general service building and equipment improvements.

**114 Industrial Conservation Expense**

Includes reimbursable program expenses for industrial customers.

**115 Agriculture Conservation Expenses**

Includes reimbursable program expenses only for the Agriculture programs.

**116 Non-Federally Funded Conservation**

Includes non-BPA reimbursable program expenses only for Washington State licensed marijuana facility conservation projects.

**117 Customer Installed Measures**

Includes reimbursable program expenses for washer, dryers, water heaters, along with lighting.

**118 Low Income Conservation**

Includes the Weatherization, Heat Pump, Water Heater and Duct Sealing Programs.

**PUBLIC INFORMATION:**

**119 Public Information Expenses**

Includes safety and promotional expenses sponsored by the District, such as radio spots, demonstrations and newspaper ads.

**PURCHASED ELECTRIC PLANT & EQUIPMENT:**

**120 Substation Transformers & Regulators**

Purchase of substation power transformers and regulators only.

**121 Substation Equipment & Materials**

Since substations as such are actually large pieces of electric equipment, it is intended that all expenses incurred for the construction of substations including work in progress purchases, which are not specifically budgeted elsewhere, shall be collected here.

Some examples of expenses included here are:

- \*Miscellaneous purchased labor
- \*Fencing materials or installed fencing
- \*Materials used in construction of substations such as gravel, concrete, bar stock, wiring and other materials not budgeted elsewhere

Does not include power transformers and regulators, substation demand meters and other metering devices for substations, labor contracted to build substations per bid or quote and Off-the-Dock labor.

**122 Line Devices**

Includes all expenses for protective and operational line equipment for transmission and distribution systems other than those line items included in substations.

Some examples of expenses included here are:

- \*Switches - line type only, except regulator bypass switches
- \*Cutouts
- \*Lightning arrestors (not included in the substation inventories)

**123 Transformers & Related Items**

Include only those items included in the distribution lines.

Some examples of expenses included here are:

- \*Distribution transformers
- \*Fiberglass enclosures
- \*Transformer vaults and pads (flat and with box)
- \*Miscellaneous installation of low value materials, unique to the items above.

**124 Meters & Related Items**

All meters and metering devices purchased by the District including substation metering, and related items.

Some examples of expenses included here are:

- \*Single phase demand and no demand meters
- \*Three phase demand and no demand meters
- \*Current transformers - including substation type
- \*Potential transformers - including substation type
- \*Demand registers - including substation type
- \*kW demand registers
- \*Compensators
- \*Enclosures
- \*Test switches - meter maintenance
- \*Miscellaneous materials used only in the installation of metering devices

**125 Land & Land Rights - Electric**

Includes all expenses associated with the acquisition of land and land rights for construction of electric plant.

Some examples of expenses included here are:

- \*Purchase price
- \*Taxes and escrow fees
- \*Survey and legal costs associated with the purchase of the land or land rights
- \*Other costs deemed necessary to obtain the property or rights

**126 SCADA Master Station Equipment**

Computers, monitors, printers, furniture, UPS, spare equipment, vendor support, remodeling costs.

**127 SCADA Communications Equipment**

Master radio, repeater radio, RTU radios, antennas, coax cables, spares and test equipment.

**128 SCADA Substation Equipment**

RTU transducers, cable, auxiliary relays, control modifications, enclosures, RTU test equipment.

**129 SCADA Travel & Non-District Labor**

Consists of vendor training costs, travel expenses, consultants, BPA - metering modifications, contract labor.

**PURCHASED GENERAL PLANT & EQUIPMENT:**

**130 Land & Land Rights - General**

Includes all expenses for the acquisition of land and land rights for the construction of office and operations facilities.

Some examples of expenses included here are:

- \*Purchase price



- \*Taxes and escrow fees
- \*Survey and legal costs associated with the purchase of the property or rights
- \*Other costs deemed necessary to obtain the property or rights

**131 Structures & Improvements**

Include expenses for the construction of buildings and the improvement of lands, buildings or other structures.

Some examples of expenses included here are:

- \*Site improvement costs, such as grading, graveling, paving and landscaping
- \*Costs to build buildings or structures
- \*Improvements to buildings or structures
- \*Surveying costs associated with development of improvement

**132 Office Equipment**

Includes all expenses for office furniture and equipment with a value of \$5,000 or more.

**133 Transportation Equipment**

Includes all expenses for motor driven or towed vehicles including any ancillary or auxiliary equipment attached to the vehicle with a value of \$5,000 or more.

The term vehicle includes:

- \*Automobiles
- \*Trucks
- \*Trailers
- \*Backhoes
- \*Forklifts

**134 Tools, Shop & Stores Equipment**

Includes the cost of tools and equipment with a value of \$5,000 or more and purchased to accounts 393.00 - Stores Equipment or 394.00 - Tools, Shop and Garage Equipment.

Some items included here are:

- \*Stores cabinets and bins
- \*Work benches
- \*Shelving
- \*Tools for use in the Auto Shop, Meter Shop, Transformer Shop, Warehouse, Line Crews, and equipment used by same, but not specialized calibration and test equipment included at 135 below

**135 Laboratory & Test Equipment**

Includes the cost of specialized tools and equipment purchased to account 395.00 - Laboratory Equipment having a unit value of \$5,000 or more.

Tools and equipment included here are of a type used to calibrate and/or test other tools or equipment items of electric plant such as meters, transformers, etc.

**136 Communication Equipment**

Includes the expense of all types of communication equipment purchased to account 397.00 - Communications Equipment, having a value of \$5,000 or more

Some items included here are:

- \*The telephone system
- \*Portable and mobile radios
- \*Radio base stations

Does not include communication equipment for linking information systems equipment together.

**137 Capitalized Computer Software**

**138 Computer Equipment**

Personal computers will be identified as a personal computer system and will normally include items such as keyboards, monitors, printers, modems, digitizers, plotters, etc.

All auxiliary equipment, such as that specified above, will be identified to a personal computer. If the total cost of the computer together with the auxiliary equipment identified to it costs or will cost \$5,000 or more, this will constitute a capital purchase and the items will be capitalized in account 391.00. Items added after initial purchase of a computer will be capitalized with the computer for which they are acquired. This will include replacing a floppy disk drive with a hard drive, network cards, etc.

**139 Miscellaneous General Plant**

Includes the cost of equipment purchased to account 398.00 Miscellaneous Equipment, having a value of \$5,000 or more. Equipment included here is usually not necessary to the operation of the business.

Some examples of expenses included here are:

- \*Cameras
- \*Other miscellaneous items

**140 Generation Plant & Equipment**

**DEBT SERVICE:**

**150 Principal**

Includes payment made to retire debt.

**151 Interest**

**153 Provision for Bond Reserve**

Includes monies set aside in special deposits or investments to insure payment of bond debts.

**PRODUCTS & SERVICES EXPENSES:**

**200 New Services Expenses**

Expenses related to providing services that the District offers customers. **These are services not related to the sale or delivery of energy.**

Some examples of expenses included here are:

- \*Postage for Mail Service for other companies
- \*Supplies for Glove Testing provided other utilities
- \*Supplies for Maintenance of Substations belonging to other utilities

\*Home and Building Inspection expenses (non-Public Purpose)

\*Advertising and Marketing expense including fees associated with "Home Shows"  
etc.

**201 New Product Expenses**

Expenses incurred in obtaining, selling, merchandising, and advertising products to consumers.

Some examples of expenses included here are:

\*Purchase cost of light bulbs, appliances, surge suppressors, etc.

\*Display booths

\*Advertising and Marketing expense including fees associated with Home Show, Fair,  
etc.

**202 Mutual Aid & Other Reimbursable Expenses**

Non-labor expenses incurred by the District in providing mutual aid or maintenance and repair work to other utilities except for Maintenance of Substations (see 200).

Some examples of expenses included here are:

\*Travel expenses

\*Fuel

\*Other miscellaneous costs

**OTHER MISCELLANEOUS EXPENSES:**

**301 Depreciation Expense**

**302 Amortized Conservation**

**303 WCEF Expense**

This is the expense for the one-time credit that residential customers will receive on their bill and the payment to the Housing Authority for weatherization.

**304 Grant Expense**

**REVENUE:**

**501 Retail Energy Sales**

**502 City Occupation Taxes**

**503 Bad Debt Expense**

**505 Wholesale Power Sales Revenue**

**510 Wholesale Transmission & Wheeling Sales**

**515 Interest and Investment Income**

**520 Electric Services Installation Revenue**

**523 Pole Contact Rent Revenue**

\*Pole Contact Rental

\*Pole Contact Application Fees

**525 Capital Contributions**

**530 Property Rental Revenue**

\*Rent of Electric Property

\*Auditorium Rent

**535 Microwave Site Rental**

**545 Other Electric Revenue**

\*NSF check charges

\*Electric account service charge

\*Collection of write-offs

**546 Miscellaneous Non-Electric Revenue**

**547 WCEF Settlement Revenue**

This is the Washington Consumer Energy Fund settlement. A portion of the settlement will be given to the Housing Authority for weatherization. The remaining funds will be given back to residential customers as a one-time credit on their bill.

**548 Grant Revenue**

**549 SWIFT Grant Revenue**

**550 Products & Services Revenue**

\*Substation Maintenance and Repair for other Utilities

\*Meter Shop Revenue

\*Glove Testing

\*Mail Service

\*Sale of Products (light bulbs, surge suppressors, etc.)

\*Energy Service Revenue (building inspection fees, etc.)

\*Block Heater Rental

**560 Insurance Claim Revenue**

**570 Reserves (Gain or Loss)**

**ADDITIONS & USAGE OF INVENTORY: (for use in controlling the growth of Inventory)**

**994 Reel Deposits**

**996 CT Inventory**

- 997 Substation Inventory**
- 998 Fiber Optic Inventory**
- 999 Non-Exempt Inventory**





# Financial Plan

**Tab 7**





# 2025 BUDGET

## FINANCIAL PLAN - KEY ASSUMPTIONS

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The Financial Plan for 2025 is based on these key assumptions:

### GENERAL

- Conservative assumptions have been used in the development of the financial plan in accordance with the District's Financial Policies and prudent utility practice.
- The financial plan is based on accrued revenues and costs. To derive end-of-year cash balances, amounts are adjusted to remove non-cash items, to add non-cost cash items and to account for timing differences between accrued cost and cash.

### REVENUES

- The 2025 Budget reflects a 5% rate increase effective April 1, 2025 – for planning purposes only.
- Retail energy sales are based on the Retail Energy Load Ten-Year Forecast, which uses regression modeling to establish a relationship between annual load, weather, and economic variables. The most recent Ten-Year Load Forecast was approved by the Commission on May 14, 2024 (see Tab 8).
- Sales for Resale are consistent with the 2025 Power Supply Plan.

### POWER & TRANSMISSION COSTS *(see Tab 10, 2025-2029 Power Supply Plan for more details)*

- **Effective October 1, 2023, the District made the change to a Load Following contract to provide greater certainty and less risk of power supply needs going forward.**
- **The District's net power cost is estimated using BPA's BP-24 Final Record of Decision, BPA's BP-26 initial proposal estimates, and the District's Load Forecast.**
- **Known power cost variables were included as follows:**
  - Power costs reflect BPA's Tiered Rate Methodology.
  - The budget includes an irrigation mitigation benefit of \$3.6 million in CY 2025.
  - Conservation program expenses are expected to be \$2.1 million, offset by a \$1.8 million reimbursement from BPA.
  - No Cost Recovery Adjustment Clauses (CRACs) are assumed for CY 2025.
  - Court ordered additional spill costs are included in BPA's rates for 2025.
  - Includes 11.5 aMW (Fiscal Year 2025) and 10.7 aMW (Fiscal Year 2026) of Tier 2 loads.
  - Power cost forecast includes the estimated cost to meet the requirements of the Energy Independence Act (EIA).
  - No carbon cap and trade impact included in power budget.

### CAPITAL

- Capital is based on the District's five-year Capital Requirement Plan (see Tab 9).

**Comparative Operating Statement  
Public Utility District No. 1 of Benton County  
2025 Budget**

	2023 Actual	2024 Forecast	2025 Budget
<b>Revenue Action Budget Assumption</b>			<b>5.00%</b>
<i>For planning purposes only, any future rate action would require Commission approval</i>			
<b>OPERATING REVENUES</b>			
Energy Sales - Retail	\$ 139,617,559	\$ 138,625,345	\$ 144,482,220
Energy Secondary Market Sales	10,093,943	8,670,853	4,544,486
Transmission of Power for Others	1,225,919	194,906	183,548
Broadband Revenue	2,819,468	2,971,653	3,063,240
Other Electric Revenue	1,885,186	1,608,185	1,485,893
<b>TOTAL OPERATING REVENUES</b>	<b>155,642,075</b>	<b>152,070,942</b>	<b>153,759,387</b>
<b>OPERATING EXPENSES</b>			
Purchased Power	82,272,129	77,176,437	73,123,407
Purchased Transmission & Ancillary Services	14,672,998	11,818,958	12,522,822
Conservation	379,962	332,683	294,200
Total Power Supply	97,325,089	89,328,078	85,940,429
Transmission Operation & Maintenance	65,763	110,754	134,196
Distribution Operation & Maintenance	11,872,286	13,978,133	15,967,654
Broadband Expense	1,218,829	1,191,849	1,246,617
Customer Accounting, Collections & Information	4,304,082	5,004,730	5,128,281
Administrative & General	8,264,675	9,604,521	9,595,347
Subtotal before Taxes & Depreciation	25,725,635	29,889,987	32,072,095
Taxes	14,829,444	14,834,000	15,490,000
Depreciation & Amortization	11,560,127	11,994,800	12,652,730
Total Other Operating Expenses	52,115,206	56,718,787	60,214,825
<b>TOTAL OPERATING EXPENSES</b>	<b>149,440,295</b>	<b>146,046,865</b>	<b>146,155,254</b>
<b>OPERATING INCOME (LOSS)</b>	<b>6,201,780</b>	<b>6,024,077</b>	<b>7,604,133</b>
<b>NONOPERATING REVENUES &amp; EXPENSES</b>			
Interest Income	2,231,999	2,500,000	2,000,000
Unrealized Gain/(Loss) on Investments	-	-	-
Other Income (includes BABs subsidy and Grant Revenue)	335,928	2,428,981	264,564
Other Expense (Grant Expense)	-	(2,127,789)	-
Interest Expense	(2,749,490)	(3,601,937)	(3,536,477)
Debt Premium/Discount & Expense Amortization	133,808	408,171	520,766
<b>TOTAL NONOPERATING REVENUES &amp; EXPENSES</b>	<b>(47,755)</b>	<b>(392,574)</b>	<b>(751,147)</b>
<b>NET INCOME (LOSS) BEFORE CONTRIBUTIONS</b>	<b>6,154,025</b>	<b>5,631,503</b>	<b>6,852,986</b>
<b>CAPITAL CONTRIBUTIONS</b>	<b>3,177,535</b>	<b>3,533,770</b>	<b>4,033,207</b>
<b>CHANGE IN NET ASSETS</b>	<b>\$ 9,331,560</b>	<b>\$ 9,165,273</b>	<b>\$ 10,886,193</b>
<b>CAPITAL REQUIREMENTS PLAN (Gross)</b>	<b>\$ 23,088,640</b>	<b>\$ 33,805,238</b>	<b>\$ 30,953,434</b>
<b>UNRESTRICTED RESERVES (End of Year)</b>	<b>\$ 66,283,466</b>	<b>\$ 49,197,134</b>	<b>\$ 38,737,213</b>

**Liquidity Measures  
Public Utility District No. 1 of Benton County  
2025 Budget**

<b>Unrestricted Reserves</b>	<b>2023 Actual</b>	<b>2024 Forecast</b>	<b>2025 Budget</b>
BEGINNING BALANCE	\$ 53,459,006	\$ 66,283,466	\$ 49,197,134
Revenues (excluding sales for resale)	146,890,140	148,134,164	151,295,917
Capital Contributions	3,177,535	3,533,770	4,033,207
Operating Expenses*	(126,644,868)	(129,105,894)	(128,874,490)
Amortization of White Creek	578,400	578,400	578,400
Debt Service and LOC	(5,870,140)	(6,860,276)	(6,978,263)
Gross Capital	(23,088,640)	(33,805,238)	(30,953,434)
BPA Prepay	438,742	438,742	438,742
Bond Proceeds to Reimburse Capital	25,004,346	17,343,291	-
Estimated Capital Reimbursed from Bond Proceeds	(7,661,055)	(17,343,291)	-
<b>ENDING BALANCE</b>	<b>\$ 66,283,466</b>	<b>\$ 49,197,134</b>	<b>\$ 38,737,213</b>

\* Operating expenses include gross power expense and exclude depreciation

<b>Days Cash on Hand</b>	<b>2023 Actual</b>	<b>2024 Forecast</b>	<b>2025 Budget</b>
Unrestricted Reserves	\$ 48,940,175	\$ 49,197,134	\$ 38,737,213
Construction Account	17,343,291	-	-
<b>Total Reserves</b>	<b>\$ 66,283,466</b>	<b>\$ 49,197,134</b>	<b>\$ 38,737,213</b>
Gross Power Expense	97,325,089	89,328,078	85,940,429
Non-Power Operating Expenses	52,115,206	56,718,787	60,214,825
Depreciation	(11,560,127)	(11,994,800)	(12,652,730)
Amortization of White Creek/BPA Prepay	(1,017,142)	(1,017,142)	(1,017,142)
Operating Expenses (cash basis)	\$ 136,863,026	\$ 133,034,923	\$ 132,485,382
<b>DAYS CASH ON HAND (Unrestricted Reserves)</b>	<b>131</b>	<b>135</b>	<b>107</b>
<b>DAYS CASH ON HAND (Construction Account)</b>	<b>46</b>	<b>0</b>	<b>0</b>
<b>TOTAL DAYS CASH ON HAND</b>	<b>177</b>	<b>135</b>	<b>107</b>

<b>Days Liquidity on Hand</b>	<b>2023 Actual</b>	<b>2024 Forecast</b>	<b>2025 Budget</b>
Unrestricted Reserves + \$10M LOC**	\$ 58,940,175	\$ 59,197,134	\$ 38,737,213
Operating Expenses (cash basis)	\$ 136,863,026	\$ 133,034,923	\$ 132,485,382
<b>DAYS LIQUIDITY ON HAND</b>	<b>157</b>	<b>162</b>	<b>107</b>

\*\*\$10M LOC was terminated on August 27, 2024

**Debt Measures**  
**Public Utility District No. 1 of Benton County**  
**2025 Budget**

<b>Debt Service Coverage</b>	<b>2023 Actual</b>	<b>2024 Forecast</b>	<b>2025 Budget</b>
Change in Net Assets	\$ 9,331,560	\$ 9,165,273	\$ 10,886,193
Depreciation	11,560,127	11,994,800	12,652,730
Amortization of White Creek	578,400	578,400	578,400
Amortization of BPA Prepay	438,742	438,742	438,742
GASB 68 Pension Expense	(1,883,098)	-	-
Interest Expense	2,615,682	3,193,766	3,015,711
Funds Available for Debt Service (FADS)	<u>\$ 22,641,413</u>	<u>\$ 25,370,981</u>	<u>\$ 27,571,776</u>

Debt Service \$ 5,829,696 \$ 6,820,276 \$ 6,978,263

**DSC with capital contributions (Target = 2.00) 3.88 3.72 3.95**

**DSC without capital contributions (Target = 1.75) 3.34 3.20 3.37**

<b>Fixed Charge Coverage</b>	<b>2023 Actual</b>	<b>2024 Forecast</b>	<b>2025 Budget</b>
Change in Net Assets	\$ 9,331,560	\$ 9,165,273	\$ 10,886,193
Depreciation	11,560,127	11,994,800	12,652,730
Amortization of White Creek	578,400	578,400	578,400
Amortization of BPA Prepay	438,742	438,742	438,742
GASB 68 Pension Expense	(1,883,098)	-	-
Interest Expense	2,615,682	3,193,766	3,015,711
~30% of BPA Power & Transmission	20,916,421	25,211,181	25,756,328
Adjusted FADS	<u>\$ 43,557,834</u>	<u>\$ 50,582,162</u>	<u>\$ 53,328,104</u>

Debt Service \$ 5,829,696 \$ 6,820,276 \$ 6,978,263

~30% of BPA Power & Transmission 20,916,421 25,211,181 25,756,328

Debt Service & Fixed Charges \$ 26,746,117 \$ 32,031,457 \$ 32,734,591

**FCC Ratio (Target = 1.3) 1.63 1.58 1.63**

<b>Debt Ratio</b>	<b>2023 Actual</b>	<b>2024 Forecast</b>	<b>2025 Budget</b>
Revenue Bonds Outstanding	\$ 76,895,000	\$ 73,630,000	\$ 70,215,000
Capitalization (bonds + net assets)	\$ 250,473,805	\$ 256,374,079	\$ 263,845,272
<b>Debt Ratio</b>	<b>31%</b>	<b>29%</b>	<b>27%</b>

**Public Utility District No. 1 Of Benton County, Washington**  
**2024 - 2028 Retail Revenue and Kilowatt Hours (kWh) Forecast**  
**(October 2024 Forecast)**

<b>Forecast - 2024</b>	<b>Revenues</b>	<b>kWh</b>
Residential	\$65,104,799	739,535,639
Small Gen. Service	10,047,779	138,266,111
Medium Gen. Service	15,371,489	216,575,634
Large Gen. Service	13,100,054	203,511,139
Large Industrial	3,545,903	66,187,384
Small Ag Irrigation	1,074,913	15,477,928
Large Ag. Irrigation	23,621,782	424,738,353
Street Lighting	218,732	2,518,257
Security Lighting	231,045	666,206
Unmetered Accounts	224,262	3,158,567
<b>TOTAL</b>	<b>\$132,540,759</b>	<b>1,810,635,219</b>

<b>Forecast - 2025</b>	<b>Revenues</b>	<b>kWh</b>
Residential	\$68,494,850	753,489,423
Small Gen. Service	10,369,185	137,084,614
Medium Gen. Service	16,263,670	221,765,137
Large Gen. Service	13,090,009	195,165,324
Large Industrial	3,568,978	64,224,159
Small Ag Irrigation	1,124,408	15,503,974
Large Ag. Irrigation	24,347,290	419,576,730
Street Lighting	228,109	2,517,777
Security Lighting	278,627	622,322
Unmetered Accounts	232,782	3,159,779
<b>TOTAL</b>	<b>\$137,997,907</b>	<b>1,813,109,239</b>

<b>Forecast - 2026</b>	<b>Revenues</b>	<b>kWh</b>
Residential	\$70,294,644	761,413,303
Small Gen. Service	10,528,036	137,254,901
Medium Gen. Service	16,285,446	219,387,239
Large Gen. Service	13,106,180	193,256,163
Large Industrial	3,614,990	64,224,159
Small Ag Irrigation	1,110,050	15,272,612
Large Ag. Irrigation	24,331,473	418,465,473
Street Lighting	230,858	2,517,777
Security Lighting	281,984	569,762
Unmetered Accounts	237,680	3,188,195
<b>TOTAL</b>	<b>\$140,021,340</b>	<b>1,815,549,584</b>

<b>Forecast - 2027</b>	<b>Revenues</b>	<b>kWh</b>
Residential	\$71,066,590	769,507,629
Small Gen. Service	10,562,691	137,507,029
Medium Gen. Service	16,121,346	217,104,614
Large Gen. Service	12,981,752	191,412,420
Large Industrial	3,614,990	64,224,159
Small Ag Irrigation	1,093,866	15,042,739
Large Ag. Irrigation	24,271,137	417,393,354
Street Lighting	230,858	2,517,777
Security Lighting	281,984	525,290
Unmetered Accounts	240,292	3,223,235
<b>TOTAL</b>	<b>\$140,465,506</b>	<b>1,818,458,246</b>

<b>Forecast - 2028</b>	<b>Revenues</b>	<b>kWh</b>
Residential	\$72,078,366	780,697,667
Small Gen. Service	10,623,668	138,155,947
Medium Gen. Service	15,994,644	215,340,180
Large Gen. Service	12,888,815	190,035,315
Large Industrial	3,624,346	64,391,079
Small Ag Irrigation	1,078,136	14,819,347
Large Ag. Irrigation	24,208,370	416,278,040
Street Lighting	230,858	2,525,025
Security Lighting	281,984	482,882
Unmetered Accounts	243,495	3,266,195
<b>TOTAL</b>	<b>\$141,252,683</b>	<b>1,825,991,677</b>

## Total kWh for 2024-2028

Actual (January - September 2024)													
Total kWh 2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	98,308,226	87,043,571	61,561,914	46,526,203	42,655,315	45,556,010	60,702,037	65,583,493	51,721,022	42,286,497	58,495,192	79,096,159	739,535,639
Small Gen. Service	13,628,660	13,000,086	10,576,583	9,643,817	9,971,494	10,826,041	12,743,238	13,982,673	11,913,828	9,745,148	10,319,870	11,914,672	138,266,111
Medium Gen. Service	19,150,074	18,451,533	16,206,622	15,939,729	16,141,652	16,955,392	18,665,320	20,037,071	19,287,770	18,358,757	18,658,049	18,723,665	216,575,634
Large Gen. Service	17,655,900	17,927,380	17,195,980	16,941,340	16,090,240	16,345,420	16,243,880	17,654,000	17,096,680	17,637,372	16,793,074	15,929,874	203,511,139
Large Industrial	5,858,760	5,165,720	5,725,320	5,260,680	5,816,520	5,723,680	4,986,360	5,554,040	5,279,640	5,778,423	5,326,552	5,711,689	66,187,384
Small Ag Irrigation	91,996	74,337	176,989	1,010,410	2,110,765	2,553,549	3,133,044	2,971,652	2,196,449	976,264	128,997	53,476	15,477,928
Large Ag. Irrigation	408,929	267,405	9,391,846	30,018,081	53,797,565	89,567,773	100,382,311	80,614,119	38,408,714	18,720,005	2,873,701	287,904	424,738,353
Street Lighting	210,215	209,747	209,644	209,575	209,543	209,573	209,571	209,571	209,526	210,425	210,429	210,438	2,518,257
Security Lighting	56,492	56,039	55,737	55,583	55,397	55,346	55,113	54,617	54,588	55,994	55,708	55,593	666,206
Unmetered Accounts	262,229	262,621	262,838	262,838	264,400	264,177	264,177	264,177	264,177	263,830	263,232	259,871	3,158,567
<b>TOTAL Retail kWh SALES:</b>	<b>155,631,481</b>	<b>142,458,439</b>	<b>121,363,473</b>	<b>125,868,256</b>	<b>147,112,891</b>	<b>188,056,961</b>	<b>217,385,051</b>	<b>206,925,413</b>	<b>146,432,394</b>	<b>114,032,715</b>	<b>113,124,804</b>	<b>132,243,340</b>	<b>1,810,635,219</b>
Total kWh 2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	96,047,918	84,313,831	66,977,639	52,868,276	43,556,238	47,478,277	61,145,700	66,594,028	53,896,345	40,567,549	59,043,284	81,000,408	753,489,423
Small Gen. Service	13,126,887	12,259,248	10,510,203	9,873,117	9,764,931	10,878,944	12,598,582	13,751,691	12,166,557	9,730,791	10,539,110	11,884,552	137,084,614
Medium Gen. Service	19,457,945	18,257,262	16,643,894	16,185,469	16,500,999	17,923,315	19,251,940	20,569,436	19,644,648	19,158,174	19,347,137	18,824,917	221,765,137
Large Gen. Service	15,284,548	14,826,860	14,557,587	15,015,946	14,808,069	15,547,089	16,526,579	18,555,769	18,038,275	18,580,003	17,317,011	16,107,588	195,165,324
Large Industrial	5,575,673	4,601,609	6,957,181	5,284,490	5,452,377	5,217,312	5,592,536	5,179,069	4,524,293	4,940,759	5,603,609	5,295,251	64,224,159
Small Ag Irrigation	79,689	63,436	171,133	926,601	1,936,231	2,640,972	3,247,973	2,992,833	2,071,207	1,095,194	198,615	80,089	15,503,974
Large Ag. Irrigation	213,673	288,620	10,189,738	27,037,304	58,669,365	85,736,969	103,353,139	74,384,626	36,989,483	19,403,934	2,978,301	331,577	419,576,730
Street Lighting	214,452	148,426	229,181	214,079	214,086	214,115	213,975	213,972	210,628	217,207	213,803	213,823	2,517,777
Security Lighting	54,197	53,058	53,132	52,458	52,286	51,961	51,792	51,468	51,052	50,852	50,322	49,742	622,322
Unmetered Accounts	264,920	255,729	262,295	267,056	261,545	262,409	262,882	263,346	263,918	265,310	265,185	265,185	3,159,779
<b>TOTAL Retail kWh SALES:</b>	<b>150,319,903</b>	<b>135,068,079</b>	<b>126,551,984</b>	<b>127,724,796</b>	<b>151,216,128</b>	<b>185,951,293</b>	<b>222,245,099</b>	<b>202,556,238</b>	<b>147,856,405</b>	<b>114,009,772</b>	<b>115,556,407</b>	<b>134,053,133</b>	<b>1,813,109,239</b>
Total kWh 2026	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	97,057,981	85,200,496	67,681,992	53,424,252	44,014,286	47,977,500	61,788,723	67,294,347	54,463,132	40,994,167	59,664,198	81,852,228	761,413,303
Small Gen. Service	13,143,193	12,274,477	10,523,259	9,885,381	9,777,061	10,892,458	12,614,232	13,768,773	12,181,670	9,742,878	10,552,202	11,899,315	137,254,901
Medium Gen. Service	19,249,305	18,061,497	16,465,428	16,011,919	16,324,065	17,731,131	19,045,509	20,348,879	19,434,006	18,952,748	19,139,686	18,623,065	219,387,239
Large Gen. Service	15,135,030	14,681,819	14,415,181	14,869,056	14,663,213	15,395,003	16,364,912	18,374,252	17,861,820	18,398,248	17,147,611	15,950,019	193,256,163
Large Industrial	5,575,673	4,601,609	6,957,181	5,284,490	5,452,377	5,217,312	5,592,536	5,179,069	4,524,293	4,940,759	5,603,609	5,295,251	64,224,159
Small Ag Irrigation	78,500	62,489	168,579	912,774	1,907,337	2,601,561	3,199,504	2,948,172	2,040,299	1,078,850	195,651	78,894	15,272,612
Large Ag. Irrigation	213,107	287,856	10,162,750	26,965,695	58,513,978	85,509,893	103,079,406	74,187,617	36,891,515	19,352,543	2,970,413	330,699	418,465,473
Street Lighting	214,452	148,426	229,181	214,079	214,086	214,115	213,975	213,972	210,628	217,207	213,833	213,823	2,517,777
Security Lighting	49,620	48,577	48,645	48,027	47,870	47,573	47,418	47,121	46,740	46,557	46,802	45,541	569,762
Unmetered Accounts	267,303	258,029	264,654	269,458	263,897	264,769	265,246	265,714	266,291	267,696	267,570	267,570	3,188,195
<b>TOTAL Retail kWh SALES:</b>	<b>150,984,166</b>	<b>135,625,275</b>	<b>126,916,851</b>	<b>127,885,131</b>	<b>151,178,171</b>	<b>185,851,314</b>	<b>222,211,463</b>	<b>202,627,916</b>	<b>147,920,395</b>	<b>113,991,654</b>	<b>115,800,844</b>	<b>134,556,406</b>	<b>1,815,549,584</b>
Total kWh 2027	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	98,089,772	86,106,234	68,401,496	53,992,187	44,482,187	48,487,532	62,445,578	68,009,730	55,042,111	41,429,962	60,298,467	82,722,372	769,507,629
Small Gen. Service	13,167,337	12,297,024	10,542,590	9,903,540	9,795,021	10,912,467	12,637,404	13,794,065	12,204,047	9,760,775	10,571,586	11,921,174	137,507,029
Medium Gen. Service	19,049,025	17,873,575	16,294,113	15,845,322	16,154,221	17,546,647	18,847,349	20,137,158	19,231,804	18,755,553	18,940,546	18,429,300	217,104,614
Large Gen. Service	14,990,636	14,541,749	14,277,654	14,727,199	14,523,320	15,248,128	16,208,784	18,198,954	17,691,410	18,222,721	16,984,016	15,797,849	191,412,420
Large Industrial	5,575,673	4,601,609	6,957,181	5,284,490	5,452,377	5,217,312	5,592,536	5,179,069	4,524,293	4,940,759	5,603,609	5,295,251	64,224,159
Small Ag Irrigation	77,318	61,549	166,042	899,035	1,878,630	2,562,404	3,151,348	2,903,798	2,009,590	1,062,612	192,706	77,706	15,042,739
Large Ag. Irrigation	212,561	287,118	10,136,713	26,896,609	58,364,064	85,290,815	102,815,314	73,997,546	36,796,998	19,302,961	2,962,802	329,852	417,393,354
Street Lighting	214,452	148,426	229,181	214,079	214,086	214,115	213,975	213,972	210,628	217,207	213,833	213,823	2,517,777
Security Lighting	45,747	44,785	44,848	44,278	44,134	43,860	43,717	43,443	43,092	42,923	42,476	41,986	525,290
Unmetered Accounts	270,240	260,865	267,563	272,419	266,797	267,679	268,161	268,634	269,218	270,638	270,510	270,510	3,223,235
<b>TOTAL Retail kWh SALES:</b>	<b>151,692,762</b>	<b>136,222,934</b>	<b>127,317,381</b>	<b>128,079,159</b>	<b>151,174,836</b>	<b>185,790,958</b>	<b>222,224,166</b>	<b>202,746,370</b>	<b>148,023,192</b>	<b>114,006,113</b>	<b>116,080,552</b>	<b>135,099,824</b>	<b>1,818,458,246</b>
Total kWh 2028	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	99,516,175	87,358,375	69,396,178	54,777,331	45,129,039	49,192,629	63,353,650	68,998,715	55,842,523	42,032,429	61,175,317	83,925,305	780,697,667
Small Gen. Service	13,229,475	12,355,056	10,592,342	9,950,276	9,841,245	10,963,965	12,697,042	13,859,162	12,261,640	9,806,838	10,621,475	11,977,432	138,155,947
Medium Gen. Service	18,894,211	17,728,315	16,161,689	15,716,546	16,022,933	17,404,043	18,694,175	19,973,501	19,075,505	18,603,125	18,786,614	18,279,523	215,340,180
Large Gen. Service	14,882,787	14,437,129	14,174,934	14,621,245	14,418,833	15,138,426	16,092,171	18,068,023	17,564,131	18,091,619	16,861,825	15,684,192	190,035,315
Large Industrial	5,590,165	4,613,569	6,975,263	5,298,225	5,466,548	5,230,872	5,607,071	5,192,529	4,536,052	4,953,600	5,618,173	5,309,014	64,391,079
Small Ag Irrigation	76,170	60,635	163,576	885,684	1,850,731	2,524,351	3,104,549	2,860,675	1,979,747	1,046,832	189,844	76,552	14,819,347
Large Ag. Irrigation	211,993	286,351	10,109,627	26,824,738	58,208,110	85,062,910	102,540,582	73,799,818	36,698,673	19,251,382	2,954,886	328,970	416,278,040
Street Lighting	215,069	148,853	229,814	214,695	214,702	214,732	214,591	214,588	211,234	217,833	214,449	214,439	2,525,025
Security Lighting	42,054	41,169	41,227	40,704	40,571	40,319	40,188	39,936	39,613	39,458	39,047	38,597	482,882
Unmetered Accounts	273,842	264,342	271,129	276,050	270,353	271,246	271,735	272,215	272,806	274,245	274,116	274,116	3,266,195
<b>TOTAL Retail kWh SALES:</b>	<b>152,931,942</b>	<b>137,293,793</b>	<b>128,115,807</b>	<b>128,605,495</b>	<b>151,463,065</b>	<b>186,043,492</b>	<b>222,615,753</b>	<b>203,279,162</b>	<b>148,481,924</b>	<b>114,317,360</b>	<b>116,735,745</b>	<b>136,108,140</b>	<b>1,825,991,677</b>

## Total Revenue for 2024-2028

Actual (January - September 2024)

Total Revenue 2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	\$8,026,151	\$7,223,396	\$5,385,847	\$4,362,461	\$4,058,392	\$4,264,507	\$5,312,412	\$5,672,473	\$4,693,314	\$4,066,378	\$5,256,722	\$6,782,746	\$65,104,799
Small Gen. Service	972,580	928,740	773,274	719,615	738,701	794,891	914,357	993,136	863,286	727,119	758,847	863,234	10,047,779
Medium Gen. Service	1,331,922	1,295,107	1,156,843	1,137,617	1,169,924	1,218,404	1,341,136	1,428,582	1,426,005	1,295,251	1,291,264	1,279,434	15,371,489
Large Gen. Service	1,124,063	1,142,982	1,110,505	1,080,409	1,043,030	1,053,047	1,060,299	1,144,577	1,083,135	1,145,790	1,086,330	1,025,887	13,100,054
Large Industrial	315,990	284,345	300,284	288,590	308,033	311,159	276,908	294,035	279,070	303,200	284,119	300,170	3,545,903
Small Ag Irrigation	10,145	8,717	21,506	82,521	144,878	167,710	199,345	189,693	148,190	80,179	14,758	7,270	1,074,913
Large Ag. Irrigation	87,265	87,378	706,872	1,753,167	3,164,216	4,671,663	5,118,344	4,181,618	2,248,057	1,244,737	278,786	79,679	23,621,782
Street Lighting	18,202	18,197	18,197	18,191	18,195	18,195	18,195	18,195	18,199	18,322	18,322	18,322	218,732
Security Lighting	18,379	18,317	18,277	18,251	18,236	18,222	18,123	17,997	18,104	22,380	22,380	22,380	231,045
Unmetered Accounts	18,619	18,647	18,661	18,662	18,773	18,757	18,757	18,757	18,757	18,732	18,689	18,451	224,262
<b>TOTAL REVENUE:</b>	<b>\$11,923,316</b>	<b>\$11,025,826</b>	<b>\$9,510,266</b>	<b>\$9,479,484</b>	<b>\$10,682,378</b>	<b>\$12,536,555</b>	<b>\$14,277,876</b>	<b>\$13,959,063</b>	<b>\$10,796,117</b>	<b>\$8,922,087</b>	<b>\$9,030,218</b>	<b>\$10,397,573</b>	<b>\$132,540,759</b>

Total Revenue 2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	\$7,873,075	\$6,975,615	\$5,809,878	\$5,042,168	\$4,354,949	\$4,623,971	\$5,666,901	\$6,057,217	\$5,075,422	\$4,150,328	\$5,603,802	\$7,261,524	\$68,494,850
Small Gen. Service	937,693	873,217	781,575	774,947	771,099	836,498	952,774	1,023,245	918,497	768,172	825,345	906,121	10,369,185
Medium Gen. Service	1,376,058	1,285,537	1,193,433	1,189,887	1,260,519	1,343,871	1,409,395	1,499,456	1,484,970	1,440,248	1,412,359	1,367,937	16,263,670
Large Gen. Service	981,938	966,400	951,953	1,016,875	1,041,794	1,072,801	1,130,542	1,242,606	1,215,188	1,229,447	1,149,153	1,091,311	13,090,009
Large Industrial	294,461	255,656	370,121	291,392	300,296	302,278	309,113	290,377	265,242	282,295	310,221	297,527	3,568,978
Small Ag Irrigation	8,879	7,969	21,783	80,020	140,410	180,854	215,452	201,098	146,670	89,412	22,169	9,693	1,124,408
Large Ag. Irrigation	75,528	87,889	771,002	1,765,244	3,404,324	4,711,758	5,513,482	4,130,257	2,232,778	1,265,390	301,251	88,387	24,347,290
Street Lighting	19,009	19,009	19,009	19,009	19,009	19,009	19,009	19,009	19,009	19,009	19,009	19,009	228,109
Security Lighting	23,219	23,219	23,219	23,219	23,219	23,219	23,219	23,219	23,219	23,219	23,219	23,219	278,627
Unmetered Accounts	18,809	18,157	18,623	19,909	19,498	19,563	19,598	19,632	19,675	19,779	19,770	19,770	232,782
<b>TOTAL REVENUE:</b>	<b>\$11,608,669</b>	<b>\$10,512,667</b>	<b>\$9,960,595</b>	<b>\$10,222,669</b>	<b>\$11,335,118</b>	<b>\$13,133,822</b>	<b>\$15,259,485</b>	<b>\$14,506,116</b>	<b>\$11,400,671</b>	<b>\$9,287,299</b>	<b>\$9,686,297</b>	<b>\$11,084,497</b>	<b>\$137,997,907</b>

Total Revenue 2026	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	\$8,358,703	\$7,406,297	\$6,169,574	\$5,097,451	\$4,403,061	\$4,674,860	\$5,728,816	\$6,123,239	\$5,131,063	\$4,196,298	\$5,665,073	\$7,340,211	\$70,294,644
Small Gen. Service	987,166	919,235	823,041	777,238	773,428	838,864	955,326	1,025,885	920,963	770,503	827,769	908,618	10,528,036
Medium Gen. Service	1,429,831	1,335,754	1,240,131	1,177,580	1,247,468	1,329,910	1,394,745	1,483,840	1,469,495	1,425,271	1,397,687	1,353,733	16,285,446
Large Gen. Service	1,021,002	1,004,841	989,825	1,006,978	1,031,656	1,062,357	1,119,537	1,230,504	1,203,353	1,217,473	1,137,965	1,080,688	13,106,180
Large Industrial	309,184	268,439	388,627	291,392	300,296	302,278	309,113	290,377	265,242	282,295	310,221	297,527	3,614,990
Small Ag Irrigation	9,228	8,282	22,575	78,869	138,358	178,198	212,281	198,141	144,524	88,122	21,881	9,592	1,110,050
Large Ag. Irrigation	79,267	92,211	807,580	1,760,741	3,395,481	4,699,451	5,499,052	4,119,491	2,227,037	1,262,211	300,625	88,325	24,331,473
Street Lighting	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	230,858
Security Lighting	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	281,984
Unmetered Accounts	19,927	19,236	19,730	20,088	19,674	19,739	19,774	19,809	19,852	19,957	19,947	19,947	237,680
<b>TOTAL REVENUE:</b>	<b>\$12,257,045</b>	<b>\$11,097,032</b>	<b>\$10,503,820</b>	<b>\$10,253,073</b>	<b>\$11,352,159</b>	<b>\$13,148,393</b>	<b>\$15,281,380</b>	<b>\$14,534,023</b>	<b>\$11,424,265</b>	<b>\$9,304,866</b>	<b>\$9,723,906</b>	<b>\$11,141,379</b>	<b>\$140,021,340</b>

Total Revenue 2027	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	\$8,449,627	\$7,486,956	\$6,237,235	\$5,153,668	\$4,451,945	\$4,726,588	\$5,791,799	\$6,190,417	\$5,187,644	\$4,242,991	\$5,727,394	\$7,420,327	\$71,066,590
Small Gen. Service	990,270	922,076	825,847	779,923	776,147	841,660	958,376	1,029,065	923,908	773,220	830,613	911,586	10,562,691
Medium Gen. Service	1,415,407	1,322,260	1,227,680	1,165,768	1,234,942	1,316,510	1,380,684	1,468,852	1,454,642	1,410,896	1,383,605	1,340,100	16,121,346
Large Gen. Service	1,011,312	995,301	980,433	997,420	1,021,865	1,052,271	1,108,908	1,218,818	1,191,923	1,205,910	1,127,161	1,070,429	12,818,752
Large Industrial	309,184	268,439	388,627	291,392	300,296	302,278	309,113	290,377	265,242	282,295	310,221	297,527	3,614,990
Small Ag Irrigation	9,133	8,198	22,280	77,725	136,320	175,559	209,130	195,203	142,392	86,840	21,594	9,492	1,093,866
Large Ag. Irrigation	79,231	92,142	805,678	1,756,397	3,386,948	4,687,578	5,485,130	4,109,103	2,221,498	1,259,144	300,022	88,266	24,271,137
Street Lighting	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	230,858
Security Lighting	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	281,984
Unmetered Accounts	20,146	19,447	19,947	20,309	19,890	19,955	19,991	20,027	20,070	20,176	20,167	20,167	240,292
<b>TOTAL REVENUE:</b>	<b>\$12,327,048</b>	<b>\$11,157,556</b>	<b>\$10,550,463</b>	<b>\$10,285,339</b>	<b>\$11,371,090</b>	<b>\$13,165,136</b>	<b>\$15,305,868</b>	<b>\$14,564,599</b>	<b>\$11,450,055</b>	<b>\$9,324,209</b>	<b>\$9,763,515</b>	<b>\$11,200,630</b>	<b>\$140,465,506</b>

Total Revenue 2028	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	\$8,570,677	\$7,594,253	\$6,326,097	\$5,226,855	\$4,514,843	\$4,793,559	\$5,874,171	\$6,278,582	\$5,261,313	\$4,302,837	\$5,808,802	\$7,526,377	\$72,078,366
Small Gen. Service	995,882	927,265	830,685	784,517	780,752	846,544	963,839	1,034,863	929,178	777,815	835,495	916,831	10,623,668
Medium Gen. Service	1,404,269	1,311,840	1,218,067	1,156,650	1,225,272	1,306,164	1,369,828	1,457,279	1,443,173	1,399,796	1,372,732	1,329,574	15,994,644
Large Gen. Service	1,004,075	988,176	973,418	990,282	1,014,552	1,044,738	1,100,969	1,210,089	1,183,385	1,197,274	1,119,092	1,062,766	12,888,815
Large Industrial	309,984	269,133	389,633	292,146	301,073	303,060	309,913	291,129	265,928	283,026	311,025	298,297	3,624,346
Small Ag Irrigation	9,041	8,115	21,993	76,613	134,340	172,994	206,068	192,348	140,320	85,594	21,316	9,395	1,078,136
Large Ag. Irrigation	79,193	92,069	803,699	1,751,877	3,378,072	4,675,226	5,470,648	4,098,297	2,215,736	1,255,954	299,395	88,204	24,208,370
Street Lighting	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	19,238	230,858
Security Lighting	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	23,499	281,984
Unmetered Accounts	20,415	19,707	20,213	20,580	20,155	20,221	20,258	20,294	20,338	20,445	20,435	20,435	243,495
<b>TOTAL REVENUE:</b>	<b>\$12,436,273</b>	<b>\$11,253,296</b>	<b>\$10,626,542</b>	<b>\$10,342,256</b>	<b>\$11,411,796</b>	<b>\$13,205,244</b>	<b>\$15,358,430</b>	<b>\$14,625,617</b>	<b>\$11,502,108</b>	<b>\$9,365,477</b>	<b>\$9,831,028</b>	<b>\$11,294,617</b>	<b>\$141,252,683</b>







# Retail Energy Sales Forecast



RESOLUTION NO. 2673

May 14, 2024

A RESOLUTION OF THE COMMISSION OF  
PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, WASHINGTON  
APPROVING THE 2024 LOAD FORECAST FOR 2024-2034

WHEREAS, the 2024 Load Forecast for 2024-2034 (Load Forecast) has been prepared by District staff and reflects customer load information; AND

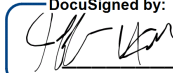
WHEREAS, information contained in the Load Forecast is updated annually and is necessary for the District's revenue forecasting, for Bonneville Power Administration planning, and for the regional load forecast prepared by Pacific Northwest Utilities Conference Committee; AND

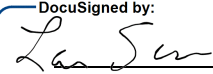
WHEREAS, the Load Forecast is used in conjunction with other fiscal planning tools including, but not limited to, the Cost-of-Service Analysis, the Resource Plan, the Power Supply Plan, the Five-Year Capital Plan and the annual budget.

NOW, THEREFORE BE IT HEREBY RESOLVED that the Commission of Public Utility District No. 1 of Benton County approves and adopts the attached 2024 Load Forecast for 2024-2034.

BE IT FURTHER RESOLVED that this Resolution supersedes Resolution No. 2639 dated June 13, 2023.

APPROVED AND ADOPTED by the Commission of Public Utility District No. 1 of Benton County at an open public meeting as required by law, this 14<sup>th</sup> day of May 2024.

DocuSigned by:  
  
69B24FD7B19E46C  
Jeff Hall, Vice-President

ATTEST:  
DocuSigned by:  
  
D78F52D0CF84243E  
Lori Kays-Sanders, Secretary



# 2024 Load Forecast for 2024-2034

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1.	Executive Summary.....	1
2.	Forecast Methodology.....	4
2.1	Overview.....	4
2.2	Customer Classes.....	4
2.3	Historical Data.....	4
2.4	Monthly Shaping.....	4
2.5	Conservation.....	5
2.6	Manual Adjustment.....	6
2.7	System Losses.....	6
2.8	Peak Forecast.....	7
3.	Forecast Considerations.....	8
3.1	Forecast History.....	8
3.2	Forecast Variance.....	8
3.3	Forecast High & Low Case.....	9
3.4	Customer Generation.....	9
3.5	Electricity Intensive Load.....	10
3.6	Electric Vehicles.....	10
3.7	Natural Gas/Electrification.....	11
4.	Forecast for Total System.....	12
5.	Forecast by Customer Class.....	14
5.1	Residential.....	14
5.2	Small General.....	16
5.3	Medium General.....	18
5.4	Large General.....	20
5.5	Large Industrial.....	22
5.6	Small Irrigation.....	24
5.7	Large Irrigation.....	26
5.8	Street Lighting.....	28
5.9	Security Lighting.....	30
5.10	Unmetered Flats.....	32
6.	Appendix A – Summary Tables.....	34

## Tables

Table 2-1 – District customer class relationship to rate schedules .....	4
Table 2-2 – Manual adjustments applied to the forecast.....	6
Table 4-1 – Total System forecast of retail load, customers and usage per customer.....	13
Table 5-1 – Residential forecast of retail load, customers and usage per customer .....	15
Table 5-2 – Small General forecast of retail load, customers and usage per customer .....	17
Table 5-3 – Medium General forecast of retail load, customers and usage per customer .....	19
Table 5-4 – Large General forecast of retail load, customers and usage per customer.....	21
Table 5-5 – Large Industrial forecast of retail load, customers and usage per customer .....	23
Table 5-6 – Small Irrigation forecast of retail load, customers and usage per customer .....	25
Table 5-7 – Large Irrigation forecast of retail load, customers and usage per customer.....	27
Table 5-8 – Street Lighting forecast of retail load, customers and usage per customer.....	29
Table 5-9 – Security Lighting forecast of retail load, customers and usage per customer.....	31
Table 5-10 – Unmetered Flats forecast of retail load, customers and usage per customer .....	33
Table 6-1 – Total system historical and forecast of annual load, losses and peak demand.....	35
Table 6-2 – Historical & BASE case forecast of annual retail load (aMW) by customer class .....	36
Table 6-3 – Total System Historical BASE case forecast of MONTHLY and annual retail load (aMW) .....	37
Table 6-4 – 2025 BASE case forecast of MONTHLY and annual retail load (aMW) by customer class.....	38
Table 6-5 – Historical and forecast of annual average number of customers by customer class .....	39
Table 6-6 – Historical and BASE case forecast of annual usage per customer (kWh) by customer class...	40
Table 6-7 – Historical and forecast annual year-end number of customers by customer class.....	41
Table 6-8 – Historical and forecast annual change in number of customers by customer class.....	42

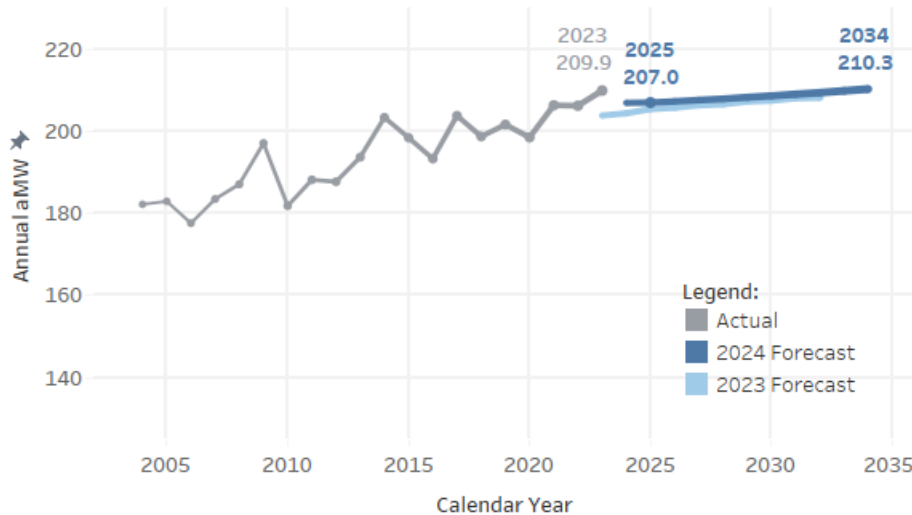
## Figures

Figure 1-1 – Forecast of annual retail load .....	1
Figure 1-2 – Forecast of annual increase in customers .....	1
Figure 1-3 – Forecast annual retail load without conservation .....	2
Figure 1-4 – Forecast of annual retail load by customer class.....	2
Figure 1-5 – Forecast of monthly retail load by customer class .....	3
Figure 1-6 – Forecast of annual wholesale load .....	3
Figure 2-1 – Historical annual conservation by sector.....	5
Figure 2-2 – Forecast of annual cumulative conservation by customer class .....	5
Figure 3-1 – Forecast history.....	8
Figure 3-2 – Forecast variance .....	8
Figure 3-3 – Forecast high and low cases .....	9
Figure 3-4 – Count of customer generation services.....	9
Figure 3-5 – Forecast of large general Electricity Intensive Load .....	10
Figure 3-6 – Battery electric vehicles registered in Benton County .....	11
Figure 4-1 – Total System forecast of retail load, customers and usage per customer .....	12
Figure 5-1 – Residential forecast of retail load, customers and usage per customer .....	14
Figure 5-2 – Small General forecast of retail load, customers and usage per customer.....	16
Figure 5-3 – Medium General forecast of retail load, customers and usage per customer .....	18
Figure 5-4 – Large General forecast of retail load, customers and usage per customer.....	20
Figure 5-5 – Large Industrial forecast of retail load, customers and usage per customer .....	22
Figure 5-6 – Small Irrigation forecast of retail load, customers and usage per customer.....	24
Figure 5-7 – Large Irrigation forecast of retail load, customers and usage per customer .....	26
Figure 5-8 – Street Lighting forecast of retail load, customers and usage per customer.....	28
Figure 5-9 – Security Lighting forecast of retail load, customers and usage per customer .....	30
Figure 5-10 – Unmetered Flats forecast of retail load, customers and usage per customer .....	32

## 1. Executive Summary

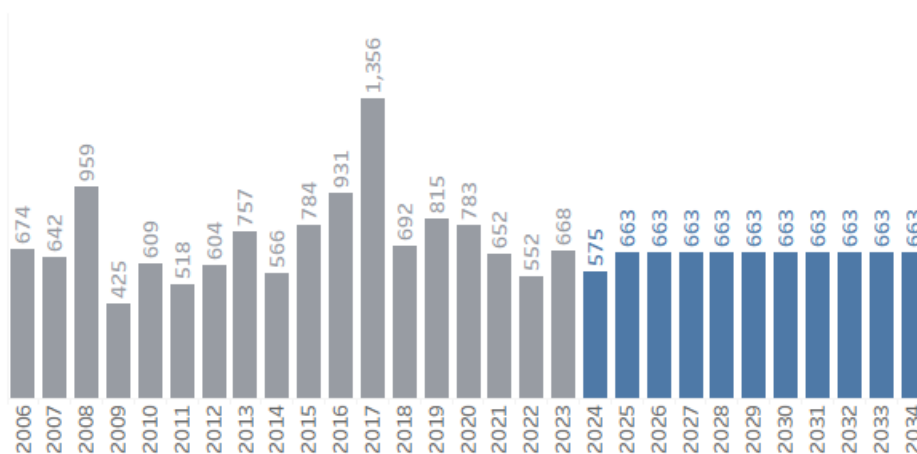
The 2024 Load Forecast for 2024-2034 (Forecast) provides an estimate of the District’s annual and monthly loads and customer counts for each customer class and the total system. The Forecast is developed annually and used as critical input to several analyses and processes including the Cost-of-Service Analysis, the Resource Plan, the Power Supply Plan, the Five-Year Capital Plan, and the annual budget.

The Forecast expects the total annual retail load to be 207.0 aMW in 2025, increasing by 3.3 aMW, to 210.3 aMW in 2034, as shown below in **Figure 1-1**. The 5-year (2024-2029) and 10-year (2024-2034) annual average rates of growth are 0.13% and 0.16%, respectively. This Forecast is about 1.6 aMW higher in calendar year 2025 than was estimated by the 2023 forecast.



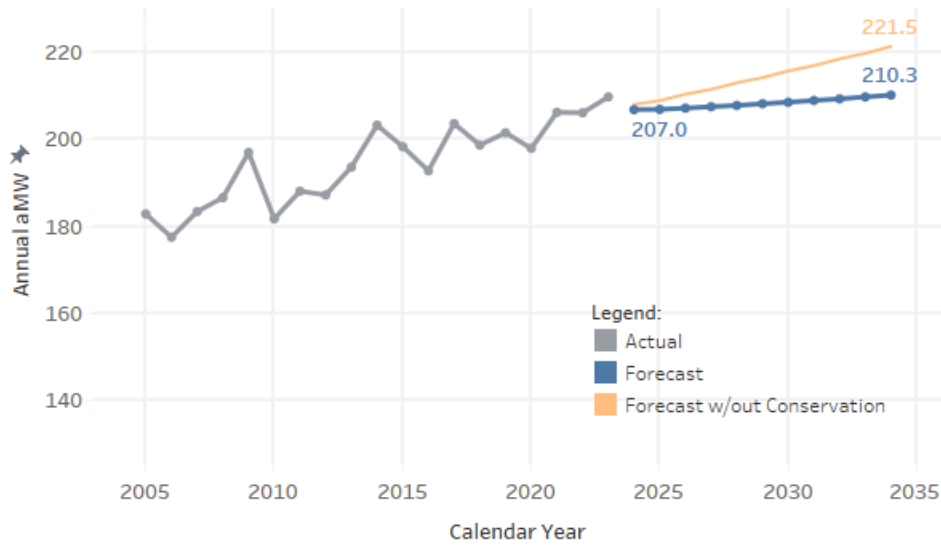
**Figure 1-1 – Forecast of annual retail load**

The Forecast expects continued growth in the District’s total number of customers, with the count expected to increase by 663 customers per year, as shown below in **Figure 1-2**. The Forecast assumes 600 residential customers added annually and includes the March 2024 transfer of 87 residential customers to the City of Richland.



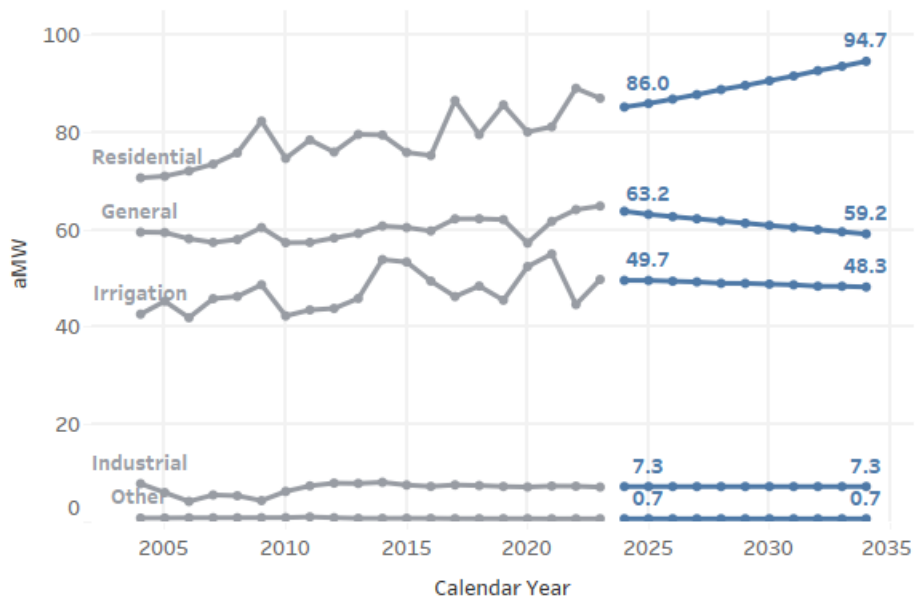
**Figure 1-2 – Forecast of annual increase in customers**

As shown below in **Figure 1-3**, the forecast includes 11.2 aMW of cumulative conservation over the forecast period, which is comprised of 2.0 aMW of residential and 9.2 aMW of non-residential conservation. For additional information about conservation, refer to **Section 2.5**.



**Figure 1-3 – Forecast annual retail load without conservation**

**Figure 1-4** below shows that residential load is growing (annual growth rate of 1.05%) while non-residential load is declining, primarily due to conservation.

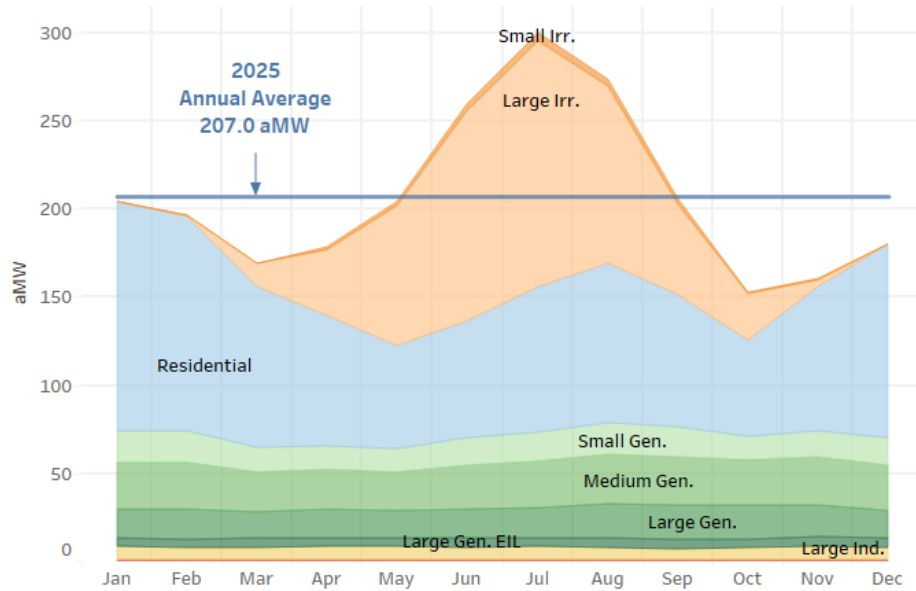


**Figure 1-4 – Forecast of annual retail load by customer class**

Overall, the Forecast reflects the continuing trend of a growing customer count, but a relatively low rate of retail load growth, primarily due to declining trends in energy usage per customer because of energy efficiency and conservation. For details about the trends of each customer class, refer to **Section 5**.

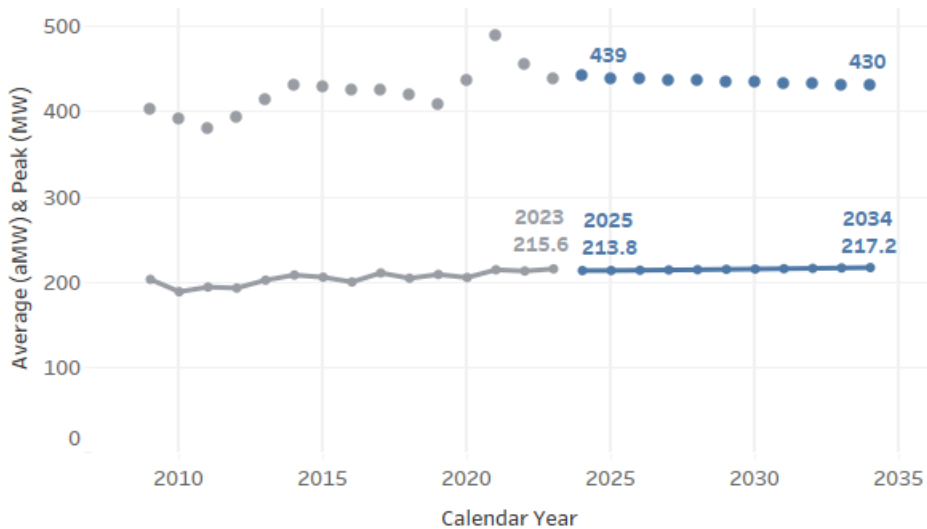


This Forecast will be an input to the revenue forecast for the District’s 2025 budget. **Figure 1-5** below shows the estimated monthly shape of retail load, by customer class, for calendar year 2025.



**Figure 1-5 – Forecast of monthly retail load by customer class**

This Forecast will also be an input to the Power Supply Plan for the District’s 2025 budget. The Forecast of wholesale load, as seen by Bonneville Power Administration, is shown below in **Figure 1-6**, including annual average demand (aMW) and annual peak demand (MW). Wholesale load is equal to retail load plus the District’s transmission and distribution system losses of 3.28%. For additional information on system losses and the peak forecast, refer to **Sections 2.7 and 2.8**.



**Figure 1-6 – Forecast of annual wholesale load**

## 2. Forecast Methodology

### 2.1 Overview

The Load Forecast (Forecast) is a forecast of the District’s total system and customer class annual and monthly energy (MWh), average demand (aMW), peak demand (MW) and number of customers. The Forecast inputs include historical monthly loads and monthly customer counts by customer class as well as a conservation forecast and manual adjustments as determined by District staff. Additional details of the forecast methodology and assumptions are provided in the following sections.

### 2.2 Customer Classes

The Forecast results include a total system forecast that is a summation of the forecasts for each customer class. **Table 2-1** below summarizes the relationship of the District’s customer classes (i.e. revenue classes) to its rate schedules. Refer to the [District’s website](#) for detailed descriptions of the rate schedules.

**Table 2-1 – District customer class relationship to rate schedules**

Customer Class	Rate Schedule(s)
<b>Total System</b>	All
<b>Residential</b>	11, 12
<b>Small General</b>	21, 90
<b>Medium General</b>	22
<b>Large General</b>	23, 24
<b>Large Industrial</b>	34
<b>Small Irrigation</b>	71
<b>Large Irrigation</b>	72, 73, 74, 75, 76
<b>Street Lights</b>	51
<b>Security Lights</b>	61
<b>Unmetered Flats</b>	85

### 2.3 Historical Data

Key inputs to the Forecast include historical monthly billed retail energy sales (MWh) and monthly customer counts (i.e. distinct count of billed services) as reported by the District’s Billed Usage Data Mart<sup>1</sup>. The Forecast also utilizes the historical monthly energy (MWh) and peak demand (MW) values reported by the Bonneville Power Administration (BPA) Meter Data Management Reporting (MDMR2) system for the District’s total system wholesale load as measured at the BPA point-of-deliveries.

### 2.4 Monthly Shaping

The initial year of the Forecast (2024) is set equal to the annual summation of the 3-year average (2021-2023) of historical monthly billed energy for each customer class. For example, residential load in January 2024 is assumed equal to the 3-year average of historical January billed load. The 3-year average is applied for each month and then the months are summed to get the calendar year total by

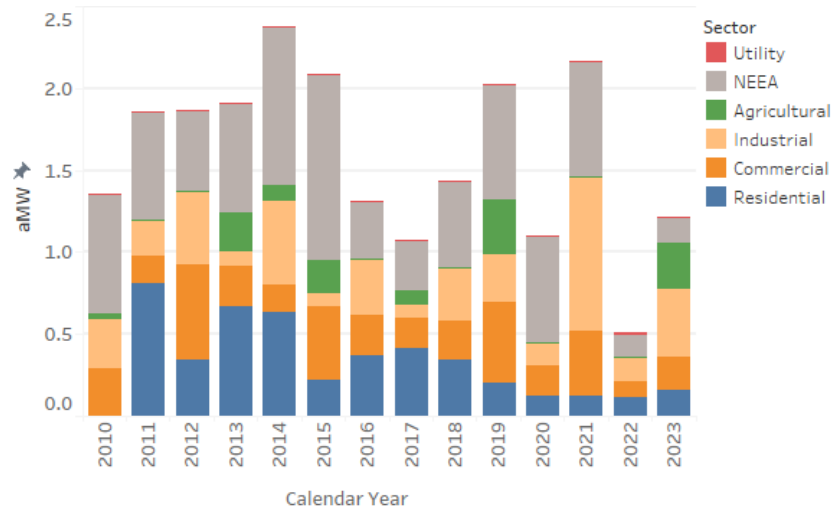
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<sup>1</sup> The “Billed Usage Data Mart” is the District’s business intelligence reporting tool containing monthly billed energy usage since March 2017. The “actuals” of monthly energy and customer counts in this Forecast may differ slightly from the energy statistics reported within the District’s monthly financial statements.

revenue class. For the wholesale load forecast the annual retail forecast is shaped to the calendar months using the 3-year average (2021-2023) of the proportion of monthly to annual wholesale load.

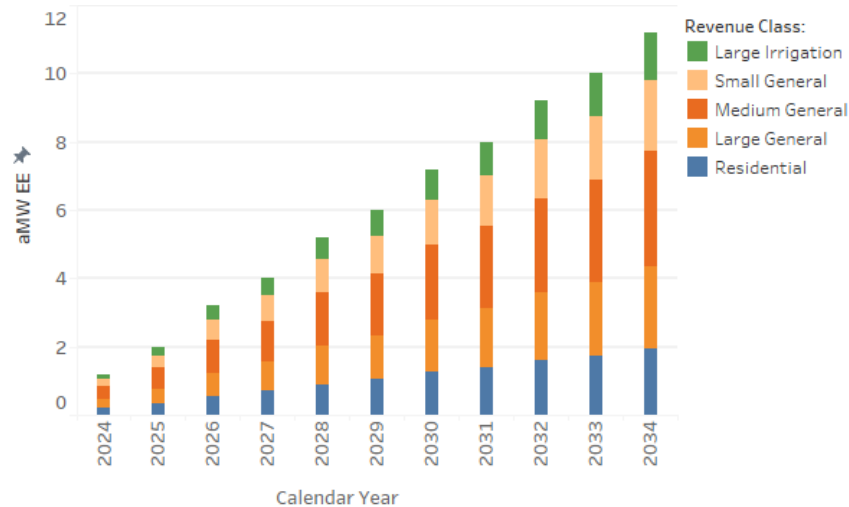
## 2.5 Conservation

The District considers its historical conservation and its latest Conservation Potential Assessment (CPA) as inputs to the Forecast. **Figure 2-1** below shows the historical annual conservation by sector.<sup>2</sup>



**Figure 2-1 – Historical annual conservation by sector**

The latest CPA<sup>3</sup> indicates a 10-year cost-effective savings potential of 8.36 aMW, however, the District frequently exceeds its CPA targets, therefore, the Forecast assumes 2.0 aMW of conservation to be achieved every two years, resulting in slightly higher savings than the CPA target. The Forecast includes the District’s practice of targeting to achieve 60% of its biennium target in the first year and 40% in the second year. In total, the Forecast includes 11.2 aMW of cumulative conservation through 2034, as shown below, by revenue class, in **Figure 2-2**.



**Figure 2-2 – Forecast of annual cumulative conservation by customer class**

<sup>2</sup> Historical conservation for 2023 assumes an estimate for NEEA savings, which are not yet final.

<sup>3</sup> Resolution No. 2670 adopted in April 2024.

## 2.6 Manual Adjustment

Staff uses professional judgement to implement manual adjustments to the forecast to increase/decrease revenue class load growth and customer counts. Consideration is given to historical and expected load growth and usage per customer trends. In general, it is preferred to make as few adjustments as possible. **Table 2-2** summarizes the manual adjustments utilized for the Forecast.

**Table 2-2 – Manual adjustments applied to the forecast**

Customer Class	Adjustment Type	Adjustment Description
<b>Residential</b>	Customer & Load	1) Add 50 customers per month, and 2) Grow load by the 3-year average usage/customer; 3) Remove 87 customers in March 2024 due to transfer to City of Richland and reduce energy by 0.244 annual aMW
<b>Small General</b>	Customer & Load	4) Add 6 customers per month, and 5) Grow load by the 3-year average usage/customer;
<b>Medium General</b>	Customer & Load	6) Add 1 customer per year, and 7) Grow load by the 3-year average usage/customer; 8) Add 0.033 annual aMW for service that was previously not being billed (missing from historical data)
<b>Large General</b>	Customer & Load	9) No new customers or load; 10) Assume 5.0 aMW of existing Electricity Intensive Load; 11) Remove 1 customer, 0.626 annual aMW, starting in May 2024, for Lineage Logistics facility destroyed by fire
<b>Large Industrial</b>	Customer & Load	12) No new customers or load
<b>Small Irrigation</b>	Customer & Load	13) Remove 1 customer per year and reduce load slightly
<b>Large Irrigation</b>	Customer & Load	14) No new customers or load
<b>Streetlights</b>	Customer & Load	15) No new customers or load
<b>Security Lights</b>	Customer & Load	16) Remove 1 customer per month and reduce load slightly
<b>Unmetered Flats</b>	Customer & Load	17) Add 3 customers per year and increase load slightly

## 2.7 System Losses

The historical customer class load data used for the Forecast is based on the District’s billed load, which includes both District metered and unmetered loads. The unmetered loads (street lighting, security lighting and flats) utilize estimates for monthly energy consumption. The aggregation of District billed load is referred to as “retail load” and this term implies the exclusion of losses associated with serving this load over the District’s transmission and distribution system or the BPA system. Refer to the following paragraphs for additional background.

BPA separately meters the District’s load. The District’s contract with BPA defines both a “point-of-delivery” and a “point-of-metering”. The aggregation of load measured by BPA’s points-of-metering will include the District’s entire retail load, as defined above, but only a portion of the losses associated with the District’s transmission and distribution system, because not all of BPA’s meters are physically positioned to measure 100% of the losses at their locations. For example, BPA metering is typically installed on the low voltage side of a substation power transformer and therefore does not measure the losses associated with the District’s power transformer. Another example is when BPA metering is installed at the substation, but the point-of-delivery is defined at a point upstream where the District’s

transmission line taps BPA's line. For billing, BPA estimates the losses associated with the difference between the point-of-metering and the point-of-delivery. BPA's billed aggregate load at the point-of-delivery, also referred to as the District's "wholesale load", is inclusive of the District's entire retail load and the District's entire transmission and distribution system losses.

The difference between BPA's wholesale load and the District's billed retail load is equal to the District's transmission and distribution system losses. These losses are typically represented as a percentage of the wholesale load. The Forecast assumes that the District's transmission and distribution system losses are 3.28%, which is the average of the last 3 years of historical annual losses.

## **2.8 Peak Forecast**

To calculate a monthly peak forecast, a 3-year monthly average load factor was calculated using the historical relationship between the BPA wholesale monthly average energy and monthly peak demand. The average load factor was then applied to the monthly wholesale load forecast to derive peak demands for every month. The peak forecast includes reductions in demand from conservation.

### 3. Forecast Considerations

#### 3.1 Forecast History

Figure 3-1 shows the forecast history versus actuals for the total system retail load. Recent forecasts have all been very similar, with annual average growth rates averaging about 0.28% for the 2017-2023 vintage forecasts. Past forecast growth rates averaged 0.54% for 2010-2016 forecasts and 1.65% for 2003-2009 forecasts.

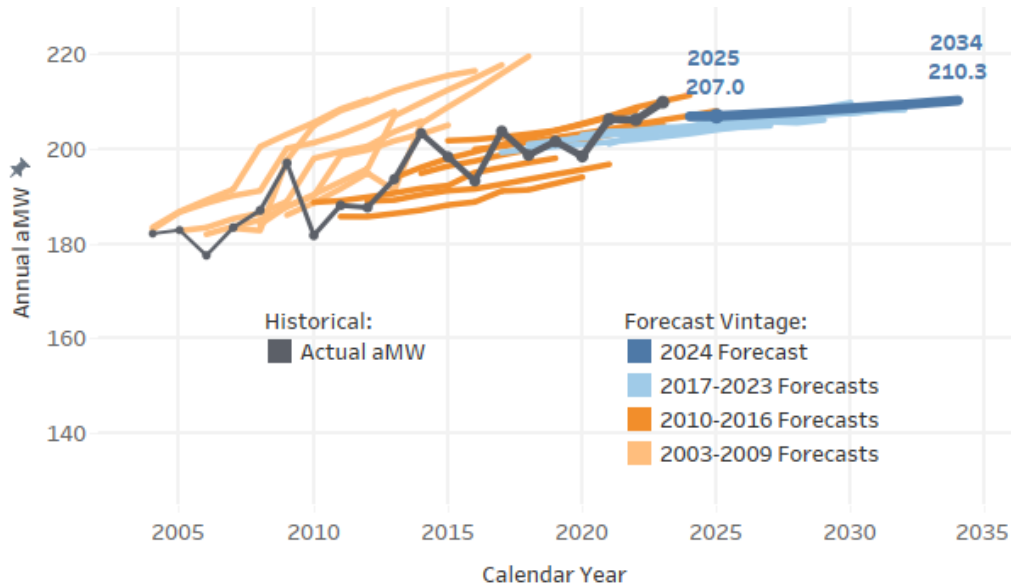


Figure 3-1 – Forecast history

#### 3.2 Forecast Variance

Several factors can cause variation of actuals from the Forecast, including weather, large irrigation customer crop rotations, and unforeseen new loads or loss of loads. The most common driver of the variance is weather, given that the Forecast is based on average load. Figure 3-2 below shows the variance of actuals versus the prior year's forecast of total system retail load (e.g. the 2016 variance is based on the 2016 actual vs. the 2015 forecast for calendar year 2016). Positive numbers indicate actuals were higher than forecast and negative numbers indicate actuals were lower than forecast.

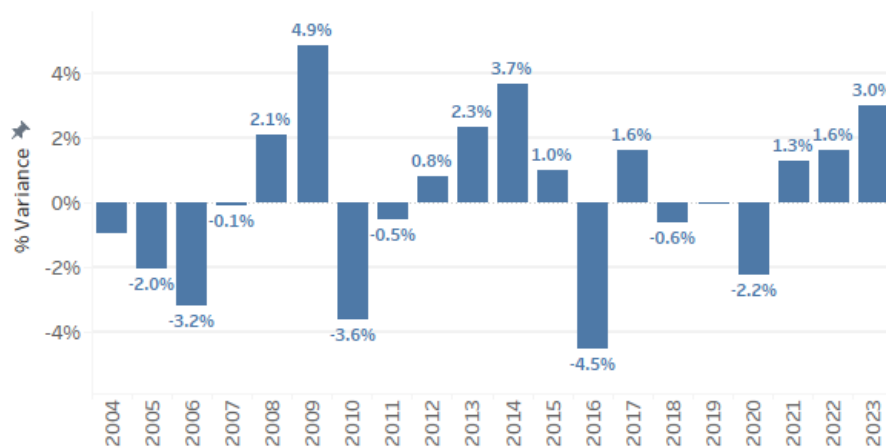
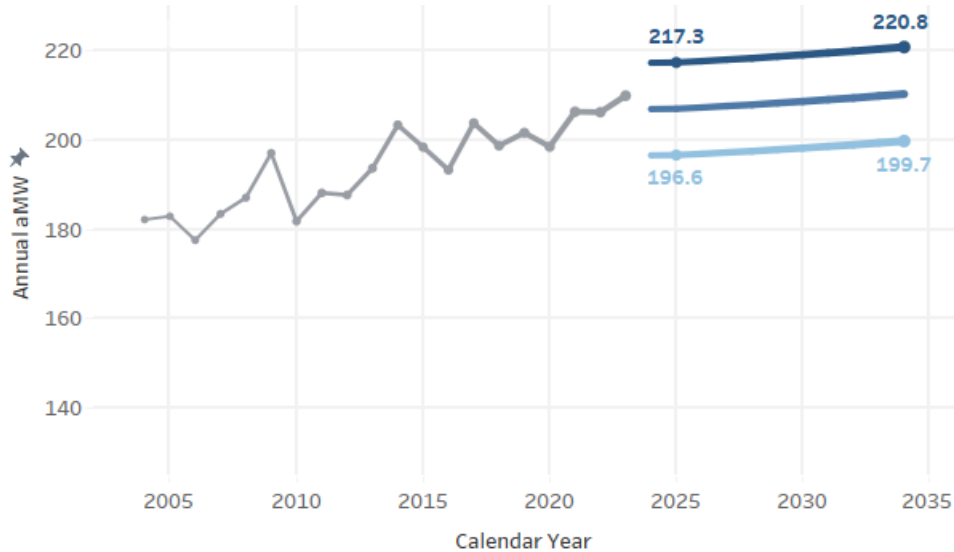


Figure 3-2 – Forecast variance

### 3.3 Forecast High & Low Case

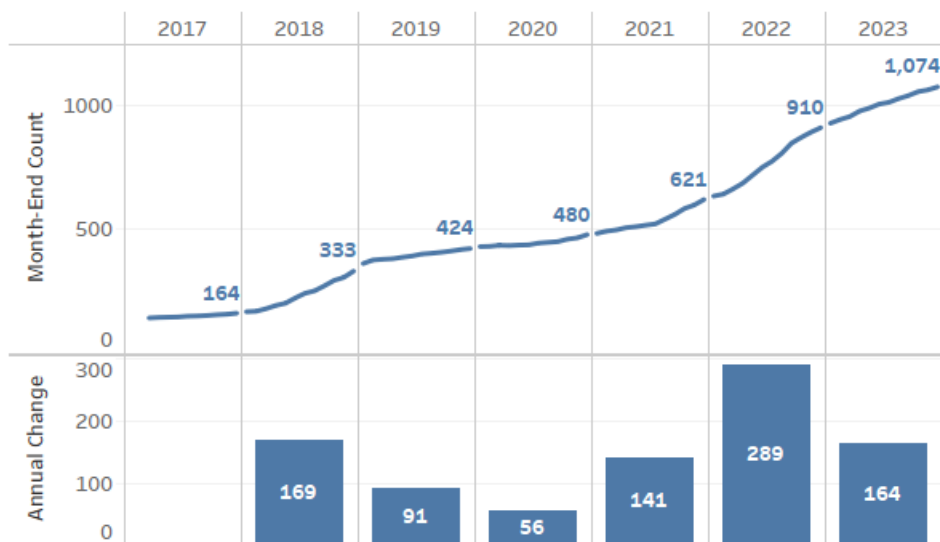
The Forecast assumes high and low cases that are +/- 5%, which is representative of typical annual forecast variances that can be expected going forward, including due to above or below average weather. **Figure 3-3** below shows forecast for the base, high, and low case.



**Figure 3-3 – Forecast high and low cases**

### 3.4 Customer Generation

The impact of customer generation reducing load has not been explicitly modeled in the Forecast, however, staff routinely monitors the growth. The District ended calendar year 2023 with 1,074 customer generation services (production meters), an increase of 164 for the year, as shown below in **Figure 3-4**. The federal Inflation Reduction Act (IRA) includes solar Investment Tax Credits (ITC) of 30% through 2032, 26% in 2033 and 22% in 2034. Despite the availability of the ITC, the District expects a slowdown in new solar installations going forward.



**Figure 3-4 – Count of customer generation services**

The net metering services are predominantly roof top solar, with only a few services being wind generators. In addition to its net metered customers, the District has 154 customers that funded the construction of two community solar projects, the 74.8 kW Ely Community Solar Project in Kennewick, WA (commissioned July 1, 2015) and the 24.6 kW Old Inland Empire (OIE) Community Solar Project in Prosser, WA (commissioned March 4, 2016).

The aggregate production of the District’s customer generation, including the District’s community solar projects, was about 1.4 aMW (11,932 MWh) in 2023 (about 1.6% of annual residential load in 2023), an increase of 0.4 aMW over 2022. The single hour maximum, aggregate generation was 7.2 MW from 12:00-1:00 p.m. on June 14, 2023.

### 3.5 Electricity Intensive Load

The District has assigned the term “Electricity Intensive Load” (EIL) for the emergence of new loads such as data centers and cryptocurrency mining. As of April 2024, the District has 7 customers operating a total of 11 EIL services across multiple customer classes: 2 residential, 2 small general, 1 medium general, and 6 large general. The EIL services in the large general class represent most of the EIL load; therefore, these loads have been separated out for historical analysis and forecasting. Elsewhere in the report, the EIL loads are included within their respective customer classes, unless otherwise noted.

The annual load of only the large general EIL customers was about 4.9 aMW (43,089 MWh) in 2023, an increase of 1.0 aMW over 2022. The District’s single largest EIL service accounted for about 1.6 aMW in 2023. The Forecast assumes that the existing large general EIL loads will continue at 5.0 aMW annually, as shown below in **Figure 3-5**.



**Figure 3-5 – Forecast of large general Electricity Intensive Load**

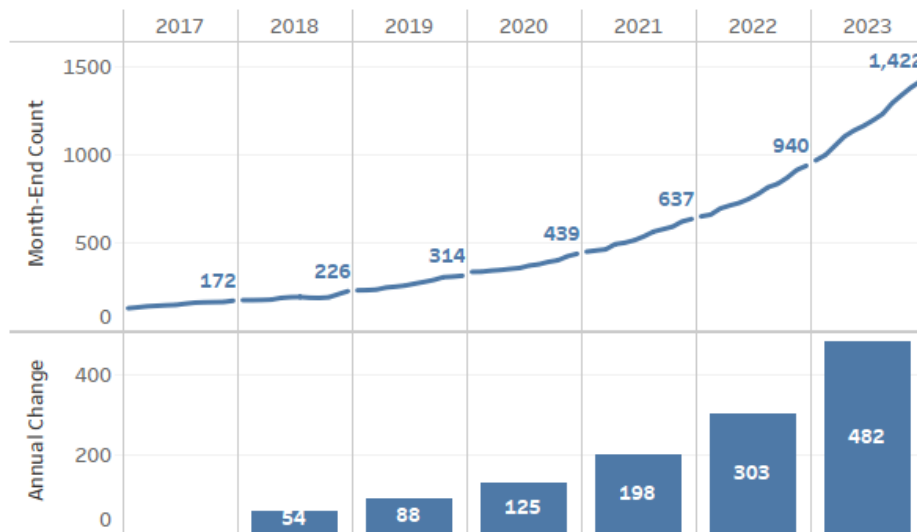
### 3.6 Electric Vehicles

Another possible source of load growth is electric vehicles (EVs). Due to their current slow adoption rate, the impacts of EV growth are not explicitly included within this Forecast, however, the District continues monitoring, as described below. The 2022 Forecast included an in-depth analysis of EV growth scenarios.<sup>4</sup>

<sup>4</sup> For the 2022 Forecast, refer to Resolution No. 2600 – April 26, 2022



The Washington State Department of Licensing (WA DOL) maintains a database and website of electric vehicles registered in Washington State<sup>5</sup>. The data set includes both plug-in hybrid electric vehicles (PHEV) and battery electric vehicles (BEV). District staff is monitoring this data, particularly the adoption rate and total count of BEVs. BEVs are the predominant focus and long-term direction of the EV industry and have greater charging load impact than PHEV technology. According to WA DOL data<sup>6</sup>, the Benton County EV adoption rate was 1.48% through December 2023, up from 1.04% in December 2022. Benton County ended 2023 with 1,422 BEVs, an increase of 482 for the year, as shown below in **Figure 3-6**.



**Figure 3-6 – Battery electric vehicles registered in Benton County**

Assuming a single BEV uses 2,800 kWh annually—based on a Chevy Bolt at 28 kWh/100 miles driven 10,000 miles per year—1,422 BEV’s would add about 0.45 aMW of annual load. If all 1,422 BEV’s charged at the same time using a level 2 charger (240-volt, 40 amp) it would add about 14 MW of peak demand. These calculations are for “book-end” reference only, given that the District would not be serving 100% of BEV loads within Benton County.

In addition to monitoring the WA DOL data, the District tracks its EV rebate program. The District passed Resolution No. 2521 on November 12, 2019 to create an Electrification of Transportation Plan that allows the District to offer incentives/rebates, advertise, and promote the adoption of EV’s. Following the adoption of Resolution No. 2521, the District began promoting the benefits of owning an electric vehicle by offering a \$250 rebate to customers who purchase or lease a new electric vehicle. Since adopting the Resolution, the District has provided a total of 56 EV rebates through April 2024, with 24 of those rebates being issued in 2023.

### 3.7 Natural Gas/Electrification

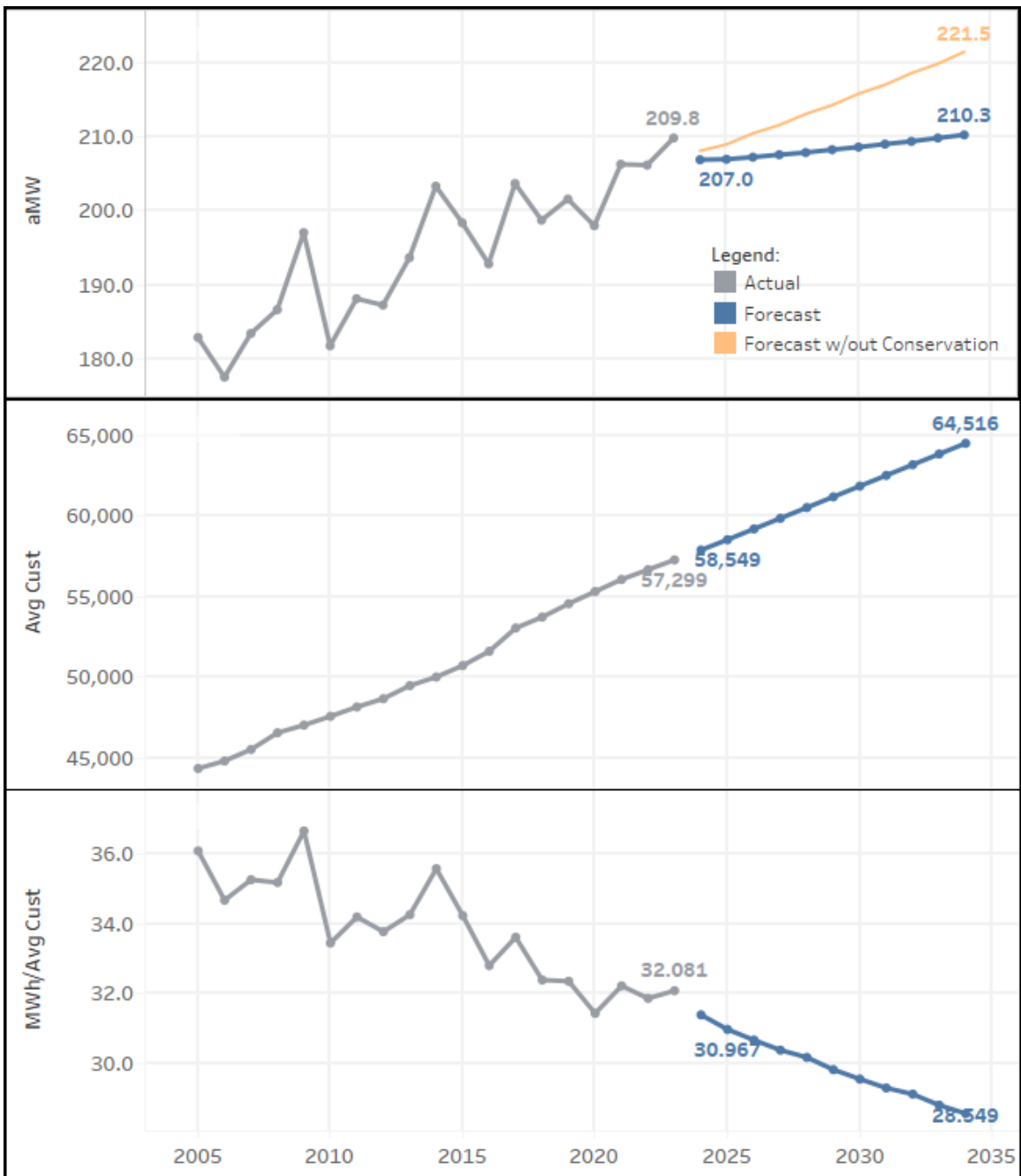
Load growth for the District could come in the form of natural gas transition and electrification due to current climate initiatives and political decisions in the state of Washington. In-depth scenarios of natural gas to electric conversion were analyzed by the 2022 Forecast, but the impacts have not been explicitly included within this Forecast.

<sup>5</sup> <https://data.wa.gov/Transportation/Electric-Vehicle-Population-Data/f6w7-q2d2>

<sup>6</sup> <https://data.wa.gov/Transportation/Monthly-Electric-Vehicle-Adoption-Rate-by-County/crrp-awfs>

#### 4. Forecast for Total System

See **Figure 4-1** and **Table 4-1** for details of the total system forecast.



**Figure 4-1 – Total System forecast of retail load, customers and usage per customer**

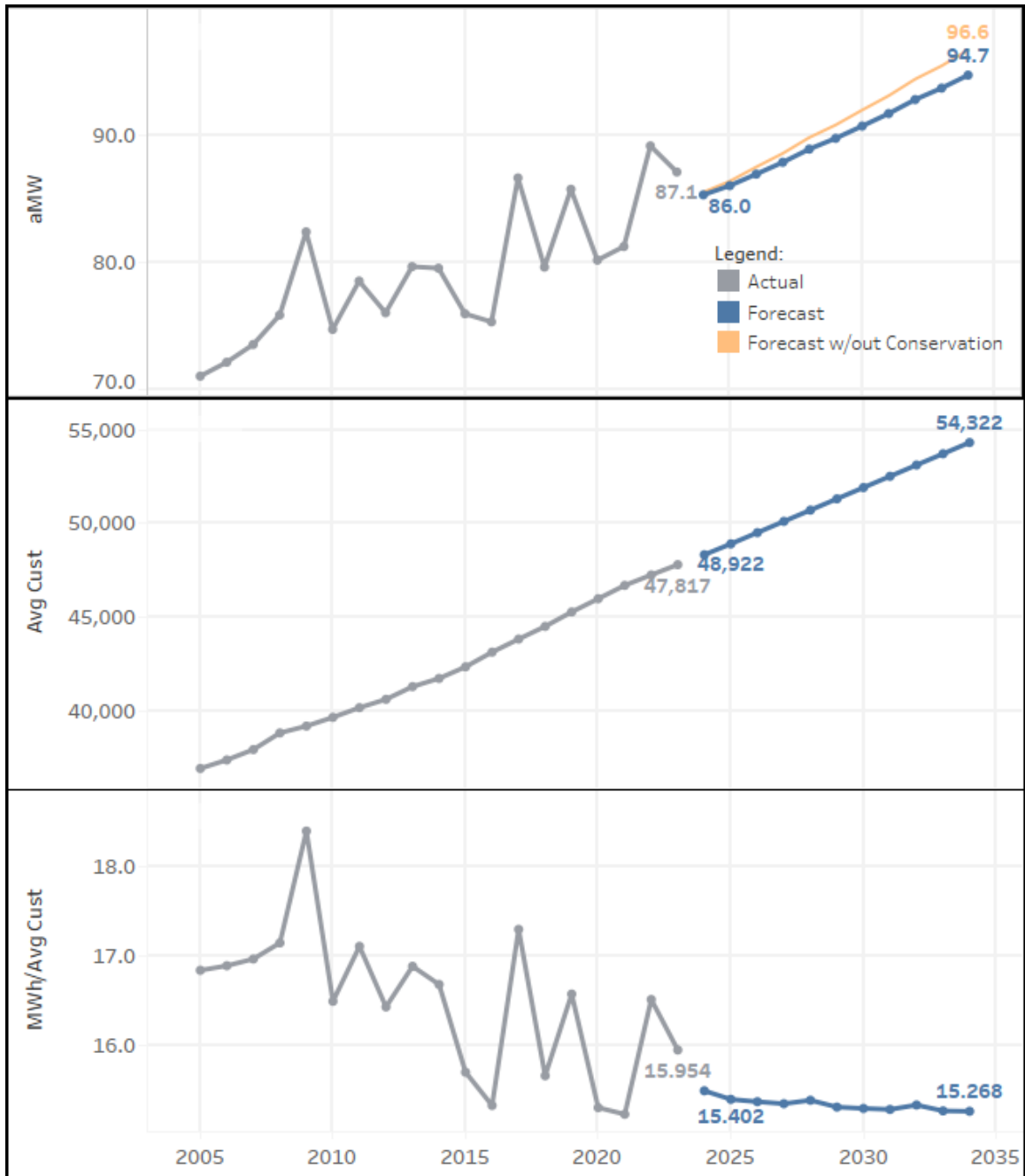
**Table 4-1 – Total System forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	182.9			1,602,508	44,389	36.101	44,628	0		
2006	177.6	-5.342	-2.92%	1,555,710	44,856	34.682	45,302	674	1.51%	
2007	183.5	5.885	3.31%	1,607,265	45,569	35.271	45,944	642	1.42%	
2008	186.7	3.209	1.75%	1,639,856	46,600	35.190	46,903	959	2.09%	
2009	197.1	10.384	5.56%	1,726,341	47,074	36.673	47,328	425	0.91%	
2010	181.8	-15.244	-7.74%	1,592,802	47,617	33.450	47,937	609	1.29%	
2011	188.2	6.342	3.49%	1,648,362	48,197	34.201	48,455	518	1.08%	
2012	187.3	-0.865	-0.46%	1,645,277	48,710	33.777	49,059	604	1.25%	
2013	193.7	6.392	3.41%	1,696,774	49,520	34.264	49,816	757	1.54%	
2014	203.3	9.652	4.98%	1,781,322	50,053	35.589	50,382	566	1.14%	
2015	198.4	-4.943	-2.43%	1,738,022	50,762	34.239	51,166	784	1.56%	
2016	192.9	-5.545	-2.79%	1,694,078	51,643	32.804	52,097	931	1.82%	
2017	203.7	10.844	5.62%	1,784,439	53,082	33.617	53,453	1,356	2.60%	
2018	198.8	-4.944	-2.43%	1,741,130	53,759	32.388	54,145	692	1.29%	
2019	201.6	2.838	1.43%	1,765,993	54,586	32.352	54,960	815	1.51%	
2020	198.0	-3.591	-1.78%	1,739,290	55,340	31.429	55,743	783	1.42%	
2021	206.3	8.292	4.19%	1,807,175	56,089	32.220	56,395	652	1.17%	
2022	206.2	-0.110	-0.05%	1,806,209	56,694	31.859	56,947	552	0.98%	
2023	209.8	3.656	1.77%	1,838,233	57,299	32.081	57,615	668	1.17%	
2024	206.9	-2.934	-1.40%	1,817,495	57,908	31.386	58,190	575	1.00%	1.200
2025	207.0	0.066	0.03%	1,813,109	58,549	30.967	58,853	663	1.14%	2.000
2026	207.3	0.279	0.13%	1,815,550	59,212	30.662	59,516	663	1.13%	3.200
2027	207.6	0.332	0.16%	1,818,458	59,875	30.371	60,179	663	1.11%	4.000
2028	207.9	0.290	0.14%	1,825,992	60,538	30.163	60,842	663	1.10%	5.200
2029	208.3	0.389	0.19%	1,824,408	61,201	29.810	61,505	663	1.09%	6.000
2030	208.6	0.349	0.17%	1,827,466	61,864	29.540	62,168	663	1.08%	7.200
2031	209.0	0.401	0.19%	1,830,982	62,527	29.283	62,831	663	1.07%	8.000
2032	209.4	0.367	0.18%	1,839,221	63,190	29.106	63,494	663	1.06%	9.200
2033	209.8	0.455	0.22%	1,838,184	63,853	28.788	64,157	663	1.04%	10.000
2034	210.3	0.421	0.20%	1,841,871	64,516	28.549	64,820	663	1.03%	11.200

## 5. Forecast by Customer Class

### 5.1 Residential

See **Figure 5-1** and **Table 5-1** for details of the residential forecast.



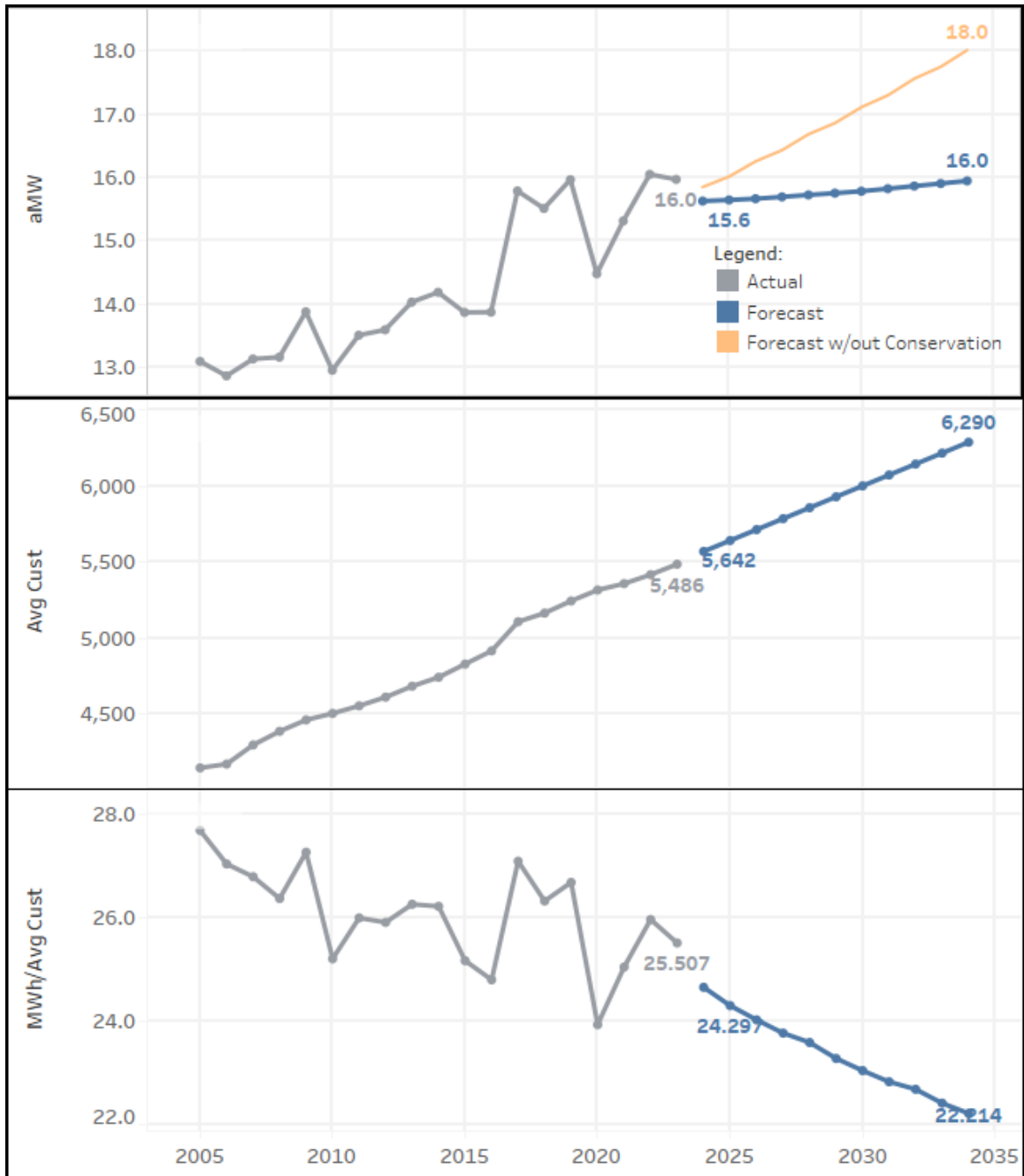
**Figure 5-1 – Residential forecast of retail load, customers and usage per customer**

**Table 5-1 – Residential forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	71.1			622,639	36,963	16.845	37,236			
2006	72.2	1.093	1.54%	632,213	37,418	16.896	37,802	566	1.52%	
2007	73.6	1.390	1.93%	644,392	37,969	16.972	38,285	483	1.28%	
2008	75.9	2.306	3.14%	666,418	38,855	17.151	39,095	810	2.12%	
2009	82.4	6.521	8.60%	721,719	39,220	18.402	39,430	335	0.86%	
2010	74.7	-7.642	-9.28%	654,775	39,687	16.498	39,973	543	1.38%	
2011	78.5	3.787	5.07%	687,953	40,201	17.113	40,432	459	1.15%	
2012	76.0	-2.484	-3.16%	668,018	40,645	16.435	40,955	523	1.29%	
2013	79.7	3.618	4.76%	697,887	41,321	16.889	41,561	606	1.48%	
2014	79.5	-0.124	-0.16%	696,804	41,758	16.687	42,039	478	1.15%	
2015	76.0	-3.573	-4.49%	665,505	42,375	15.705	42,724	685	1.63%	
2016	75.3	-0.636	-0.84%	661,742	43,157	15.333	43,574	850	1.99%	
2017	86.6	11.283	14.98%	758,774	43,853	17.303	44,194	620	1.42%	
2018	79.6	-6.989	-8.07%	697,552	44,528	15.665	44,917	723	1.64%	
2019	85.7	6.100	7.66%	750,989	45,298	16.579	45,667	750	1.67%	
2020	80.2	-5.555	-6.48%	704,249	46,003	15.309	46,370	703	1.54%	
2021	81.2	1.067	1.33%	711,675	46,713	15.235	46,983	613	1.32%	
2022	89.1	7.893	9.72%	780,818	47,270	16.518	47,523	540	1.15%	
2023	87.1	-2.049	-2.30%	762,871	47,817	15.954	48,084	561	1.18%	
2024	85.3	-1.794	-2.06%	749,203	48,344	15.497	48,597	513	1.07%	0.209
2025	86.0	0.723	0.85%	753,489	48,922	15.402	49,197	600	1.23%	0.349
2026	86.9	0.905	1.05%	761,413	49,522	15.375	49,797	600	1.22%	0.558
2027	87.8	0.924	1.06%	769,508	50,122	15.353	50,397	600	1.20%	0.698
2028	88.9	1.034	1.18%	780,698	50,722	15.392	50,997	600	1.19%	0.907
2029	89.7	0.849	0.96%	786,003	51,322	15.315	51,597	600	1.18%	1.046
2030	90.7	0.960	1.07%	794,409	51,922	15.300	52,197	600	1.16%	1.256
2031	91.7	0.980	1.08%	802,991	52,522	15.289	52,797	600	1.15%	1.395
2032	92.8	1.096	1.20%	814,815	53,122	15.339	53,397	600	1.14%	1.604
2033	93.7	0.901	0.97%	820,483	53,722	15.273	53,997	600	1.12%	1.744
2034	94.7	1.017	1.09%	829,395	54,322	15.268	54,597	600	1.11%	1.953

## 5.2 Small General

See **Figure 5-2** and **Table 5-2** for details of the Small General Service forecast.



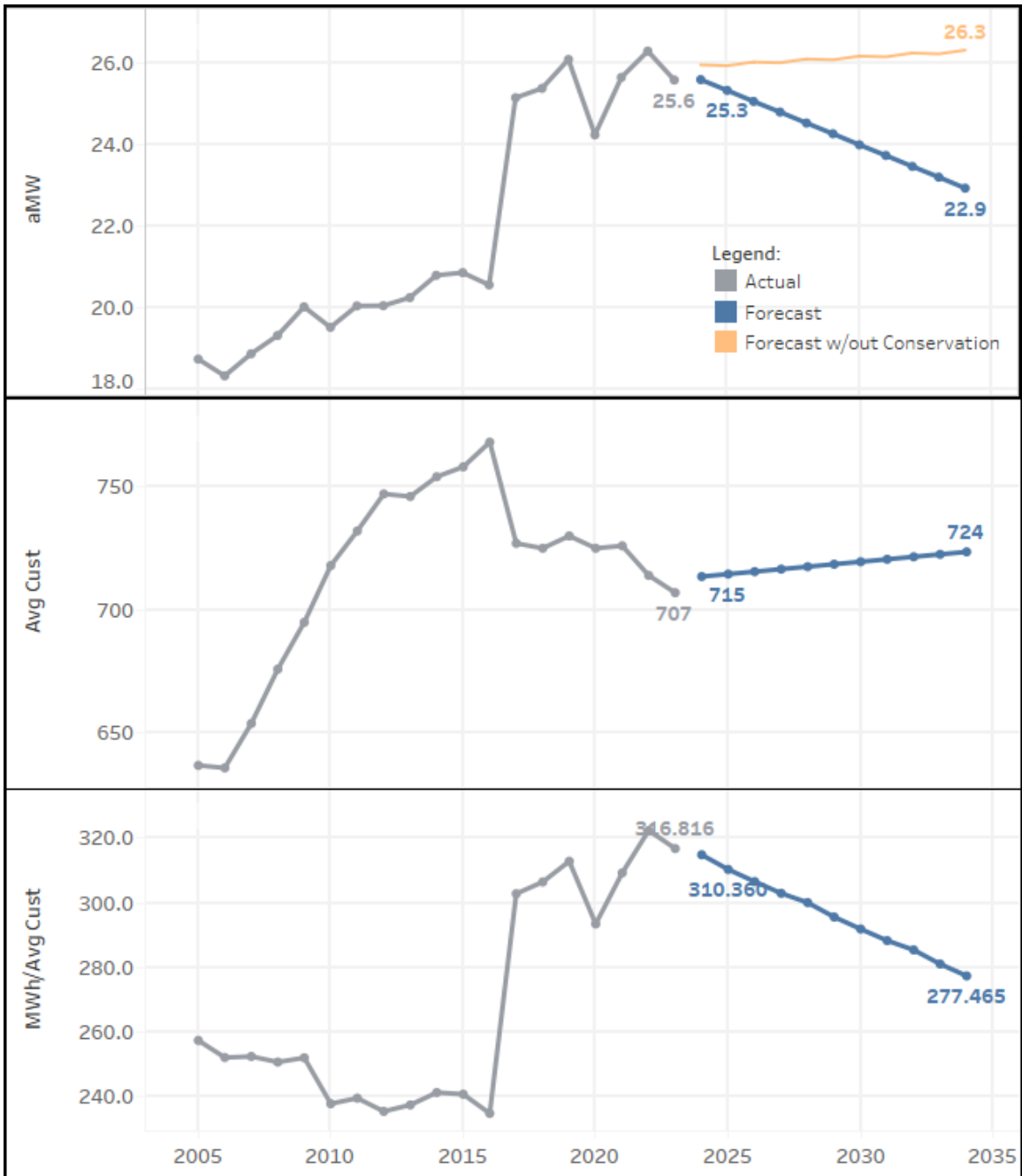
**Figure 5-2 – Small General forecast of retail load, customers and usage per customer**

**Table 5-2 – Small General forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW	aMW	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End	Year-End	aMW EE
		Change	Change %					Cust Count	Change %	
2005	13.1			114,710	4,144	27.681	4,128			
2006	12.9	-0.229	-1.75%	112,705	4,169	27.034	4,232	104	2.52%	
2007	13.1	0.268	2.08%	115,049	4,295	26.787	4,324	92	2.17%	
2008	13.2	0.029	0.22%	115,616	4,385	26.366	4,445	121	2.80%	
2009	13.9	0.717	5.45%	121,580	4,460	27.260	4,484	39	0.88%	
2010	13.0	-0.924	-6.66%	113,483	4,503	25.202	4,528	44	0.98%	
2011	13.5	0.554	4.28%	118,338	4,553	25.991	4,576	48	1.06%	
2012	13.6	0.086	0.64%	119,421	4,610	25.905	4,652	76	1.66%	
2013	14.0	0.438	3.22%	122,928	4,682	26.255	4,709	57	1.23%	
2014	14.2	0.155	1.10%	124,285	4,741	26.215	4,784	75	1.59%	
2015	13.9	-0.318	-2.24%	121,498	4,828	25.165	4,883	99	2.07%	
2016	13.9	0.004	0.03%	121,868	4,915	24.795	4,949	66	1.35%	
2017	15.8	1.917	13.82%	138,330	5,107	27.086	5,174	225	4.55%	
2018	15.5	-0.277	-1.75%	135,903	5,164	26.317	5,168	-6	-0.12%	
2019	16.0	0.456	2.94%	139,894	5,244	26.677	5,278	110	2.13%	
2020	14.5	-1.489	-9.32%	127,202	5,316	23.928	5,350	72	1.36%	
2021	15.3	0.836	5.77%	134,175	5,358	25.042	5,382	32	0.60%	
2022	16.1	0.737	4.81%	140,627	5,417	25.960	5,427	45	0.84%	
2023	16.0	-0.079	-0.49%	139,934	5,486	25.507	5,531	104	1.92%	
2024	15.6	-0.343	-2.15%	137,305	5,570	24.651	5,603	72	1.30%	0.222
2025	15.6	0.018	0.11%	137,085	5,642	24.297	5,675	72	1.29%	0.369
2026	15.7	0.019	0.12%	137,255	5,714	24.021	5,747	72	1.27%	0.591
2027	15.7	0.029	0.18%	137,507	5,786	23.765	5,819	72	1.25%	0.738
2028	15.7	0.031	0.20%	138,156	5,858	23.584	5,891	72	1.24%	0.960
2029	15.8	0.028	0.18%	138,024	5,930	23.276	5,963	72	1.22%	1.108
2030	15.8	0.030	0.19%	138,291	6,002	23.041	6,035	72	1.21%	1.329
2031	15.8	0.040	0.25%	138,641	6,074	22.825	6,107	72	1.19%	1.477
2032	15.9	0.042	0.27%	139,393	6,146	22.680	6,179	72	1.18%	1.698
2033	15.9	0.039	0.25%	139,358	6,218	22.412	6,251	72	1.17%	1.846
2034	16.0	0.042	0.26%	139,726	6,290	22.214	6,323	72	1.15%	2.068

### 5.3 Medium General

See **Figure 5-3** and **Table 5-3** for details of the Medium General Service forecast.



**Figure 5-3 – Medium General forecast of retail load, customers and usage per customer**

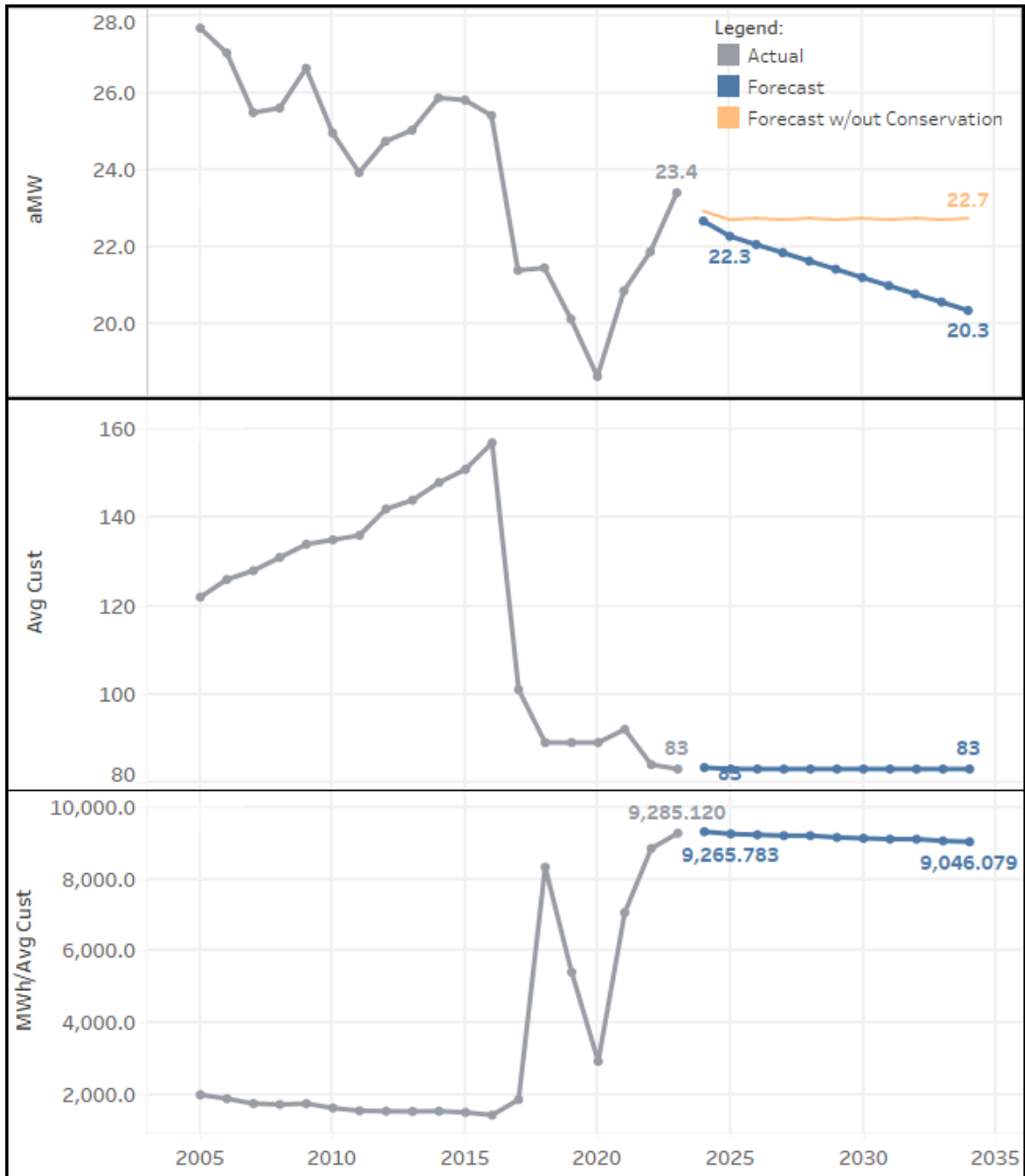


**Table 5-3 – Medium General forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	18.7			164,043	637	257.524	627			
2006	18.3	-0.411	-2.20%	160,440	636	252.263	641	14	2.23%	
2007	18.9	0.542	2.96%	165,186	654	252.577	665	24	3.74%	
2008	19.3	0.448	2.37%	169,571	676	250.845	683	18	2.71%	
2009	20.0	0.703	3.64%	175,265	695	252.179	707	24	3.51%	
2010	19.5	-0.502	-2.51%	170,868	718	237.977	725	18	2.55%	
2011	20.0	0.525	2.69%	175,463	732	239.704	747	22	3.03%	
2012	20.0	0.006	0.03%	175,999	747	235.607	742	-5	-0.67%	
2013	20.2	0.198	0.99%	177,250	746	237.601	750	8	1.08%	
2014	20.8	0.547	2.70%	182,044	754	241.437	758	8	1.07%	
2015	20.8	0.065	0.31%	182,610	758	240.911	762	4	0.53%	
2016	20.5	-0.301	-1.44%	180,467	768	234.983	775	13	1.71%	
2017	25.1	4.590	22.34%	220,184	727	302.866	717	-58	-7.48%	
2018	25.4	0.231	0.92%	222,208	725	306.494	729	12	1.67%	
2019	26.1	0.707	2.79%	228,405	730	312.883	726	-3	-0.41%	
2020	24.2	-1.848	-7.09%	212,801	725	293.518	730	4	0.55%	
2021	25.6	1.407	5.81%	224,549	726	309.296	724	-6	-0.82%	
2022	26.3	0.645	2.51%	230,195	714	322.402	707	-17	-2.35%	
2023	25.6	-0.709	-2.70%	223,989	707	316.816	713	6	0.85%	
2024	25.6	0.010	0.04%	224,688	714	314.891	714	1	0.14%	0.363
2025	25.3	-0.264	-1.03%	221,765	715	310.360	715	1	0.14%	0.604
2026	25.0	-0.271	-1.07%	219,387	716	306.603	716	1	0.14%	0.967
2027	24.8	-0.261	-1.04%	217,105	717	302.990	717	1	0.14%	1.209
2028	24.5	-0.269	-1.08%	215,340	718	300.108	718	1	0.14%	1.571
2029	24.3	-0.263	-1.07%	212,446	719	295.663	719	1	0.14%	1.813
2030	24.0	-0.271	-1.12%	210,070	720	291.950	720	1	0.14%	2.175
2031	23.7	-0.261	-1.09%	207,787	721	288.376	721	1	0.14%	2.417
2032	23.5	-0.268	-1.13%	206,000	722	285.499	722	1	0.14%	2.780
2033	23.2	-0.263	-1.12%	203,132	723	281.135	723	1	0.14%	3.021
2034	22.9	-0.271	-1.17%	200,757	724	277.465	724	1	0.14%	3.384

## 5.4 Large General

See **Figure 5-4** and **Table 5-4** for details of the Large General Service forecast.



**Figure 5-4 – Large General forecast of retail load, customers and usage per customer**

**Table 5-4 – Large General forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	27.7			242,555	122	1,988.160	123			
2006	27.0	-0.645	-2.33%	236,908	126	1,880.220	127	4	3.25%	
2007	25.5	-1.552	-5.74%	223,317	128	1,744.660	131	4	3.15%	
2008	25.6	0.117	0.46%	224,958	131	1,717.234	132	1	0.76%	
2009	26.6	1.035	4.04%	233,410	134	1,741.869	135	3	2.27%	
2010	25.0	-1.681	-6.31%	218,686	135	1,619.899	135	0	0.00%	
2011	23.9	-1.029	-4.12%	209,669	136	1,541.682	141	6	4.44%	
2012	24.7	0.812	3.39%	217,377	142	1,530.826	143	2	1.42%	
2013	25.0	0.289	1.17%	219,315	144	1,523.024	146	3	2.10%	
2014	25.9	0.841	3.36%	226,679	148	1,531.617	151	5	3.42%	
2015	25.8	-0.058	-0.22%	226,175	151	1,497.847	153	2	1.32%	
2016	25.4	-0.401	-1.56%	223,268	157	1,422.089	160	7	4.58%	
2017	21.4	-4.027	-15.84%	187,380	101	1,855.247	88	-72	-45.00%	
2018	21.5	0.065	0.30%	187,948	89	8,336.891	90	2	2.27%	
2019	20.1	-1.328	-6.19%	176,318	89	5,407.983	87	-3	-3.33%	
2020	18.6	-1.494	-7.43%	163,673	89	2,920.476	93	6	6.90%	
2021	20.9	2.223	11.93%	182,699	92	7,070.731	84	-9	-9.68%	
2022	21.9	1.020	4.89%	191,630	84	8,859.244	84	0	0.00%	
2023	23.4	1.534	7.01%	205,066	83	9,285.120	84	0	0.00%	
2024	22.7	-0.736	-3.14%	199,162	83	9,327.436	83	-1	-1.19%	0.257
2025	22.3	-0.394	-1.74%	195,165	83	9,265.783	83	0	0.00%	0.428
2026	22.1	-0.218	-0.98%	193,256	83	9,240.989	83	0	0.00%	0.685
2027	21.9	-0.210	-0.95%	191,412	83	9,217.044	83	0	0.00%	0.857
2028	21.6	-0.216	-0.99%	190,035	83	9,217.601	83	0	0.00%	1.114
2029	21.4	-0.212	-0.98%	187,660	83	9,168.314	83	0	0.00%	1.285
2030	21.2	-0.218	-1.02%	185,751	83	9,143.520	83	0	0.00%	1.542
2031	21.0	-0.210	-0.99%	183,909	83	9,119.594	83	0	0.00%	1.713
2032	20.8	-0.217	-1.03%	182,510	83	9,119.865	83	0	0.00%	1.970
2033	20.6	-0.212	-1.02%	180,157	83	9,070.874	83	0	0.00%	2.142
2034	20.3	-0.218	-1.06%	178,248	83	9,046.079	83	0	0.00%	2.399

## 5.5 Large Industrial

See **Figure 5-5** and **Table 5-5** for details of the Large Industrial forecast.

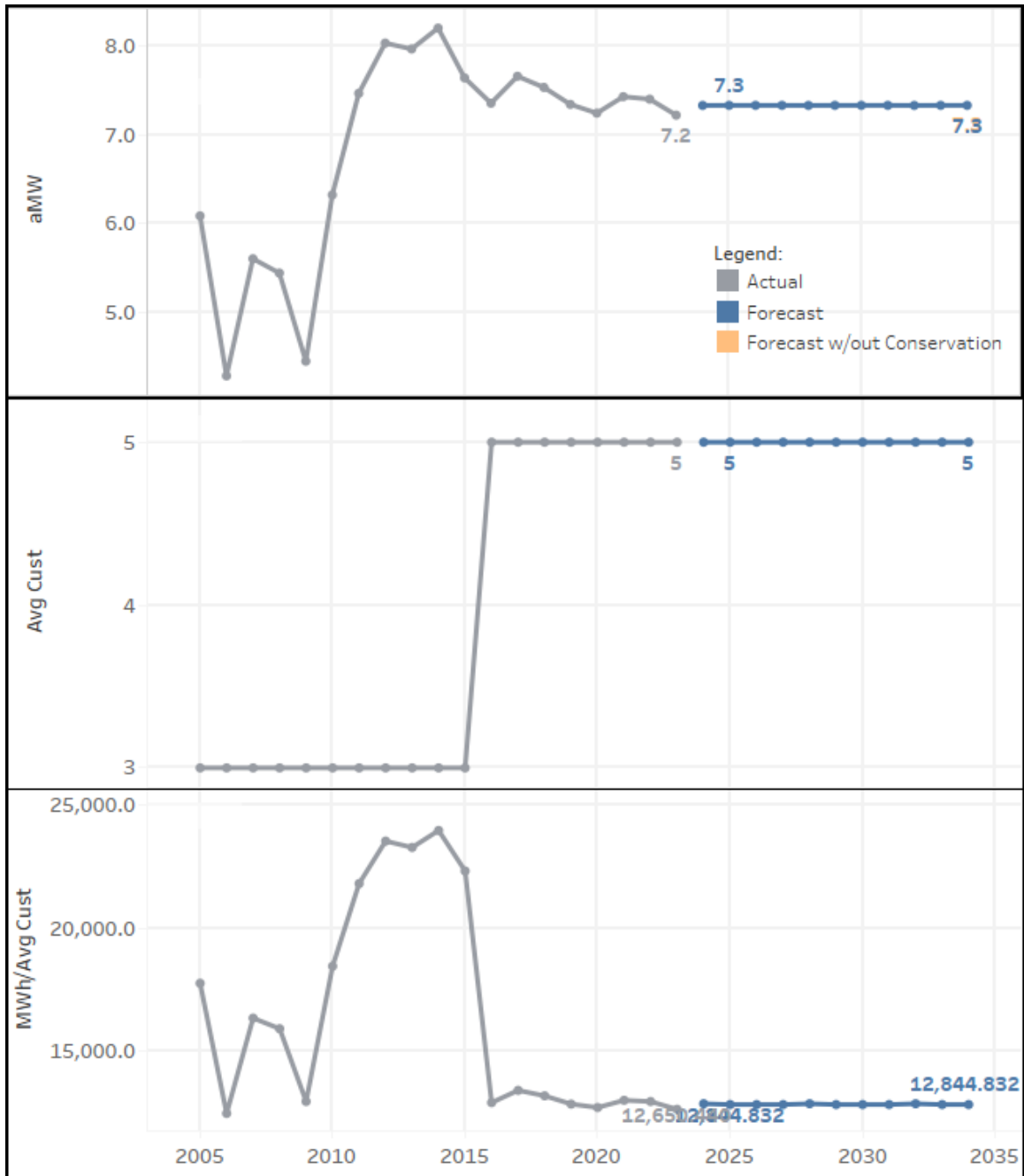


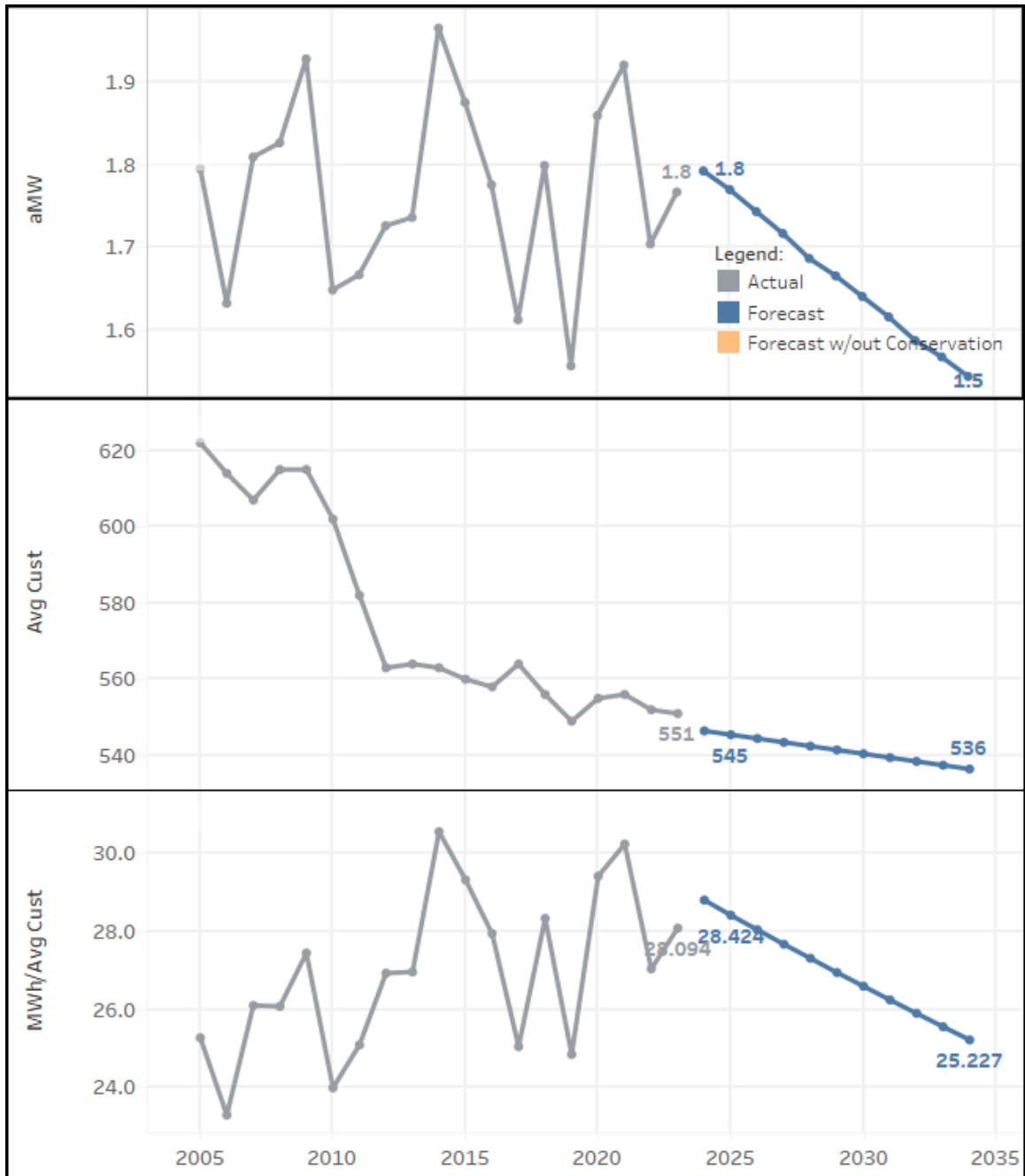
Figure 5-5 – Large Industrial forecast of retail load, customers and usage per customer

**Table 5-5 – Large Industrial forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh/ Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	6.1			53,286	3	17,761.932	3			
2006	4.3	-1.807	-29.71%	37,456	3	12,485.305	3	0	0.00%	
2007	5.6	1.323	30.94%	49,045	3	16,348.383	3	0	0.00%	
2008	5.4	-0.162	-2.89%	47,760	3	15,920.098	3	0	0.00%	
2009	4.4	-0.996	-18.31%	38,909	3	12,969.692	3	0	0.00%	
2010	6.3	1.878	42.29%	55,365	3	18,454.887	3	0	0.00%	
2011	7.5	1.147	18.15%	65,411	3	21,803.603	3	0	0.00%	
2012	8.0	0.568	7.60%	70,575	3	23,525.055	3	0	0.00%	
2013	8.0	-0.066	-0.82%	69,803	3	23,267.593	3	0	0.00%	
2014	8.2	0.236	2.96%	71,869	3	23,956.495	3	0	0.00%	
2015	7.6	-0.563	-6.86%	66,942	3	22,313.962	3	0	0.00%	
2016	7.4	-0.286	-3.74%	64,612	5	12,922.450	5	2	66.67%	
2017	7.7	0.304	4.14%	67,101	5	13,420.262	5	0	0.00%	
2018	7.5	-0.126	-1.65%	65,997	5	13,199.344	5	0	0.00%	
2019	7.3	-0.192	-2.54%	64,318	5	12,863.616	5	0	0.00%	
2020	7.2	-0.099	-1.35%	63,625	5	12,725.056	5	0	0.00%	
2021	7.4	0.186	2.57%	65,084	5	13,016.760	5	0	0.00%	
2022	7.4	-0.028	-0.38%	64,835	5	12,967.032	5	0	0.00%	
2023	7.2	-0.181	-2.44%	63,252	5	12,650.440	5	0	0.00%	
2024	7.3	0.110	1.52%	64,391	5	12,878.216	5	0	0.00%	0.000
2025	7.3	0.001	0.01%	64,224	5	12,844.832	5	0	0.00%	0.000
2026	7.3	0.000	0.00%	64,224	5	12,844.832	5	0	0.00%	0.000
2027	7.3	0.000	0.00%	64,224	5	12,844.832	5	0	0.00%	0.000
2028	7.3	-0.001	-0.01%	64,391	5	12,878.216	5	0	0.00%	0.000
2029	7.3	0.001	0.01%	64,224	5	12,844.832	5	0	0.00%	0.000
2030	7.3	0.000	0.00%	64,224	5	12,844.832	5	0	0.00%	0.000
2031	7.3	0.000	0.00%	64,224	5	12,844.832	5	0	0.00%	0.000
2032	7.3	-0.001	-0.01%	64,391	5	12,878.216	5	0	0.00%	0.000
2033	7.3	0.001	0.01%	64,224	5	12,844.832	5	0	0.00%	0.000
2034	7.3	0.000	0.00%	64,224	5	12,844.832	5	0	0.00%	0.000

## 5.6 Small Irrigation

See **Figure 5-6** and **Table 5-6** for details of the Small Irrigation forecast.



**Figure 5-6 – Small Irrigation forecast of retail load, customers and usage per customer**

**Table 5-6 – Small Irrigation forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	1.8			15,724	622	25.280	619			
2006	1.6	-0.162	-9.03%	14,305	614	23.298	602	-17	-2.75%	
2007	1.8	0.176	10.79%	15,849	607	26.110	609	7	1.16%	
2008	1.8	0.017	0.95%	16,043	615	26.086	615	6	0.99%	
2009	1.9	0.101	5.53%	16,884	615	27.453	610	-5	-0.81%	
2010	1.6	-0.278	-14.44%	14,446	602	23.997	594	-16	-2.62%	
2011	1.7	0.018	1.11%	14,607	582	25.097	573	-21	-3.54%	
2012	1.7	0.059	3.54%	15,165	563	26.936	555	-18	-3.14%	
2013	1.7	0.010	0.58%	15,211	564	26.970	563	8	1.44%	
2014	2.0	0.228	13.13%	17,209	563	30.566	559	-4	-0.71%	
2015	1.9	-0.090	-4.56%	16,425	560	29.330	558	-1	-0.18%	
2016	1.8	-0.099	-5.30%	15,597	558	27.952	556	-2	-0.36%	
2017	1.6	-0.162	-9.15%	14,131	564	25.055	564	8	1.44%	
2018	1.8	0.186	11.52%	15,759	556	28.344	552	-12	-2.13%	
2019	1.6	-0.241	-13.41%	13,645	549	24.855	539	-13	-2.36%	
2020	1.9	0.301	19.35%	16,330	555	29.424	556	17	3.15%	
2021	1.9	0.061	3.27%	16,819	556	30.250	551	-5	-0.90%	
2022	1.7	-0.216	-11.23%	14,931	552	27.049	549	-2	-0.36%	
2023	1.8	0.063	3.67%	15,480	551	28.094	547	-2	-0.36%	
2024	1.8	0.025	1.44%	15,745	546	28.813	546	-1	-0.18%	0.000
2025	1.8	-0.023	-1.26%	15,504	545	28.424	545	-1	-0.18%	0.000
2026	1.7	-0.026	-1.49%	15,273	544	28.051	544	-1	-0.18%	0.000
2027	1.7	-0.026	-1.51%	15,043	543	27.680	543	-1	-0.18%	0.000
2028	1.7	-0.030	-1.75%	14,819	542	27.319	542	-1	-0.18%	0.000
2029	1.7	-0.021	-1.25%	14,595	541	26.954	541	-1	-0.18%	0.000
2030	1.6	-0.025	-1.48%	14,378	540	26.603	540	-1	-0.18%	0.000
2031	1.6	-0.025	-1.51%	14,161	539	26.251	539	-1	-0.19%	0.000
2032	1.6	-0.028	-1.76%	13,950	538	25.908	538	-1	-0.19%	0.000
2033	1.6	-0.020	-1.24%	13,740	537	25.564	537	-1	-0.19%	0.000
2034	1.5	-0.024	-1.50%	13,533	536	25.227	536	-1	-0.19%	0.000

## 5.7 Large Irrigation

See **Figure 5-7** and **Table 5-7** for the details of the Large Irrigation forecast.

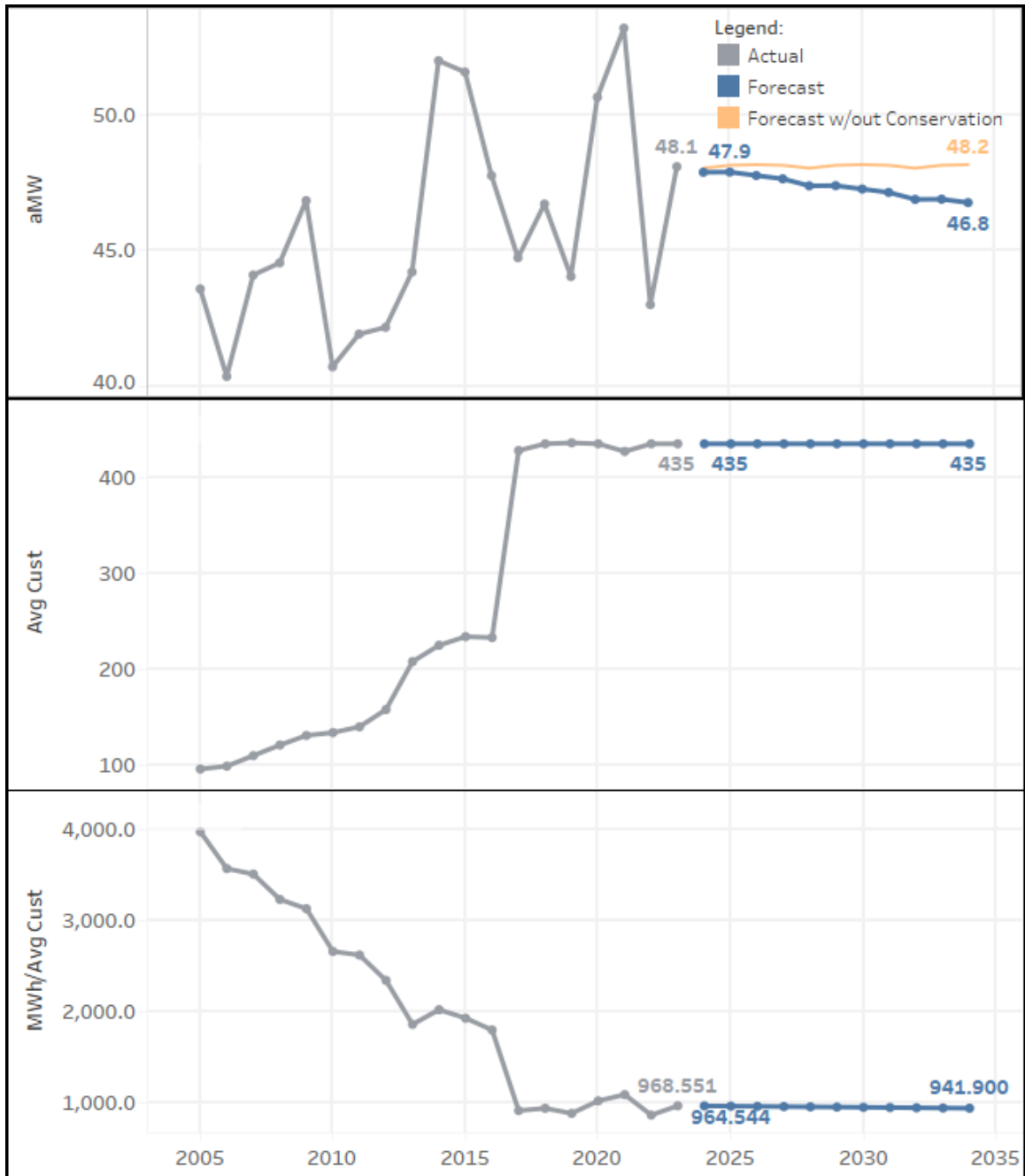


Figure 5-7 – Large Irrigation forecast of retail load, customers and usage per customer

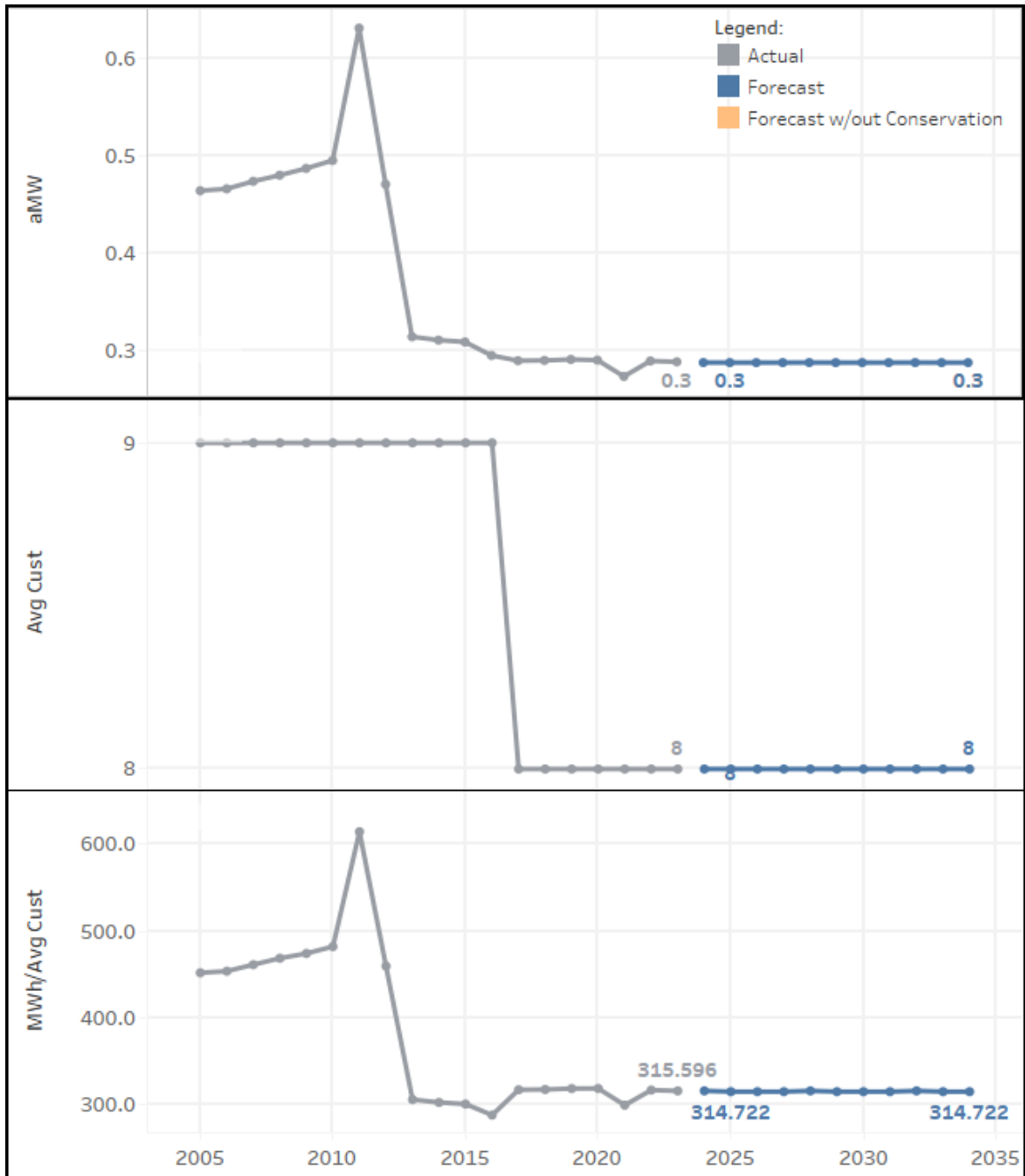


**Table 5-7 – Large Irrigation forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	43.6			381,927	96	3,978.407	96			
2006	40.4	-3.217	-7.38%	353,743	99	3,573.162	101	5	5.21%	
2007	44.1	3.728	9.23%	386,402	110	3,512.746	116	15	14.85%	
2008	44.6	0.447	1.01%	391,389	121	3,234.619	124	8	6.90%	
2009	46.8	2.291	5.14%	410,386	131	3,132.715	133	9	7.26%	
2010	40.7	-6.108	-13.04%	356,875	134	2,663.248	130	-3	-2.26%	
2011	41.9	1.201	2.95%	367,393	140	2,624.234	142	12	9.23%	
2012	42.2	0.248	0.59%	370,573	158	2,345.402	163	21	14.79%	
2013	44.2	2.037	4.83%	387,408	208	1,862.539	218	55	33.74%	
2014	52.0	7.766	17.56%	455,435	225	2,024.154	229	11	5.05%	
2015	51.6	-0.418	-0.80%	451,777	234	1,930.671	232	3	1.31%	
2016	47.8	-3.805	-7.38%	419,588	233	1,800.809	230	-2	-0.86%	
2017	44.7	-3.020	-6.32%	391,987	428	915.857	432	202	87.83%	
2018	46.7	1.973	4.41%	409,269	435	940.848	435	3	0.69%	
2019	44.1	-2.663	-5.70%	385,942	436	885.187	436	1	0.23%	
2020	50.7	6.594	14.97%	444,919	435	1,022.801	435	-1	-0.23%	
2021	53.2	2.538	5.01%	465,935	427	1,091.183	436	1	0.23%	
2022	43.0	-10.168	-19.12%	376,866	435	866.358	434	-2	-0.46%	
2023	48.1	5.075	11.80%	421,320	435	968.551	435	1	0.23%	
2024	47.9	-0.207	-0.43%	420,660	435	967.034	435	0	0.00%	0.150
2025	47.9	0.008	0.02%	419,577	435	964.544	435	0	0.00%	0.249
2026	47.8	-0.127	-0.26%	418,465	435	961.990	435	0	0.00%	0.399
2027	47.6	-0.122	-0.26%	417,393	435	959.525	435	0	0.00%	0.499
2028	47.4	-0.257	-0.54%	416,278	435	956.961	435	0	0.00%	0.648
2029	47.4	0.008	0.02%	415,207	435	954.499	435	0	0.00%	0.748
2030	47.3	-0.127	-0.27%	414,097	435	951.947	435	0	0.00%	0.898
2031	47.1	-0.123	-0.26%	413,024	435	949.479	435	0	0.00%	0.998
2032	46.9	-0.257	-0.55%	411,896	435	946.886	435	0	0.00%	1.147
2033	46.9	0.008	0.02%	410,838	435	944.455	435	0	0.00%	1.247
2034	46.8	-0.127	-0.27%	409,727	435	941.900	435	0	0.00%	1.397

## 5.8 Street Lighting

See **Figure 5-8** and **Table 5-8** for the details of the Street Lighting forecast.



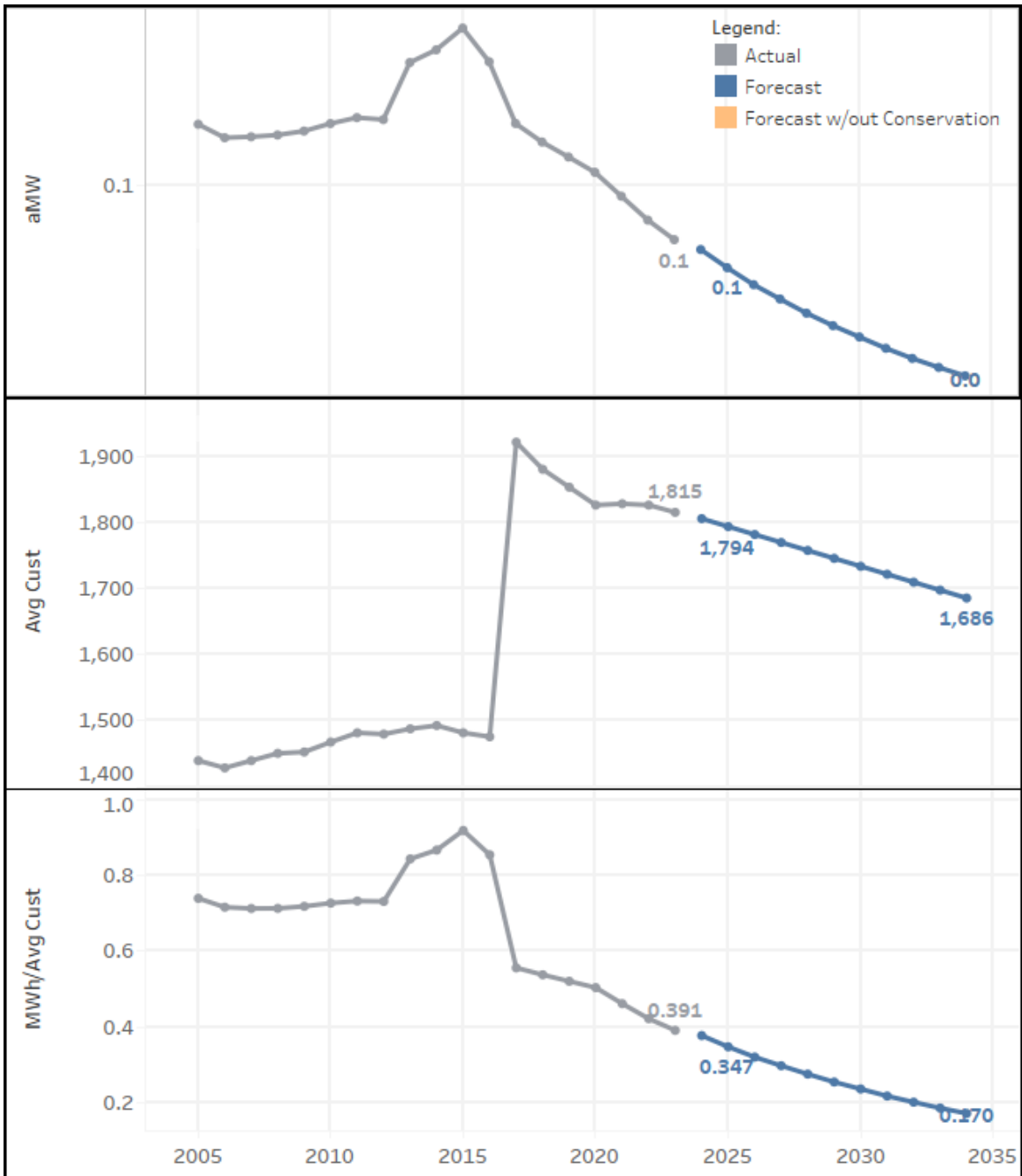
**Figure 5-8 – Street Lighting forecast of retail load, customers and usage per customer**

**Table 5-8 – Street Lighting forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	0.5			4,067	9	451.882	9			
2006	0.5	0.002	0.41%	4,084	9	453.740	9	0	0.00%	
2007	0.5	0.008	1.66%	4,151	9	461.266	9	0	0.00%	
2008	0.5	0.006	1.33%	4,218	9	468.669	9	0	0.00%	
2009	0.5	0.007	1.46%	4,268	9	474.203	9	0	0.00%	
2010	0.5	0.008	1.68%	4,339	9	482.159	9	0	0.00%	
2011	0.6	0.136	27.48%	5,532	9	614.671	9	0	0.00%	
2012	0.5	-0.161	-25.43%	4,136	9	459.597	9	0	0.00%	
2013	0.3	-0.157	-33.31%	2,751	9	305.647	9	0	0.00%	
2014	0.3	-0.003	-1.10%	2,721	9	302.278	9	0	0.00%	
2015	0.3	-0.002	-0.62%	2,704	9	300.405	9	0	0.00%	
2016	0.3	-0.014	-4.50%	2,589	9	287.682	9	0	0.00%	
2017	0.3	-0.005	-1.81%	2,535	8	316.902	8	-1	-11.11%	
2018	0.3	0.000	0.10%	2,538	8	317.219	8	0	0.00%	
2019	0.3	0.001	0.34%	2,546	8	318.288	8	0	0.00%	
2020	0.3	-0.001	-0.23%	2,547	8	318.421	8	0	0.00%	
2021	0.3	-0.017	-5.80%	2,393	8	299.130	8	0	0.00%	
2022	0.3	0.016	5.82%	2,532	8	316.554	8	0	0.00%	
2023	0.3	-0.001	-0.30%	2,525	8	315.596	8	0	0.00%	
2024	0.3	-0.001	-0.26%	2,525	8	315.628	8	0	0.00%	0.000
2025	0.3	0.000	-0.01%	2,518	8	314.722	8	0	0.00%	0.000
2026	0.3	0.000	0.00%	2,518	8	314.722	8	0	0.00%	0.000
2027	0.3	0.000	0.00%	2,518	8	314.722	8	0	0.00%	0.000
2028	0.3	0.000	0.01%	2,525	8	315.628	8	0	0.00%	0.000
2029	0.3	0.000	-0.01%	2,518	8	314.722	8	0	0.00%	0.000
2030	0.3	0.000	0.00%	2,518	8	314.722	8	0	0.00%	0.000
2031	0.3	0.000	0.00%	2,518	8	314.722	8	0	0.00%	0.000
2032	0.3	0.000	0.01%	2,525	8	315.628	8	0	0.00%	0.000
2033	0.3	0.000	-0.01%	2,518	8	314.722	8	0	0.00%	0.000
2034	0.3	0.000	0.00%	2,518	8	314.722	8	0	0.00%	0.000

## 5.9 Security Lighting

See **Figure 5-9** and **Table 5-9** for details of the Security Lighting forecast.



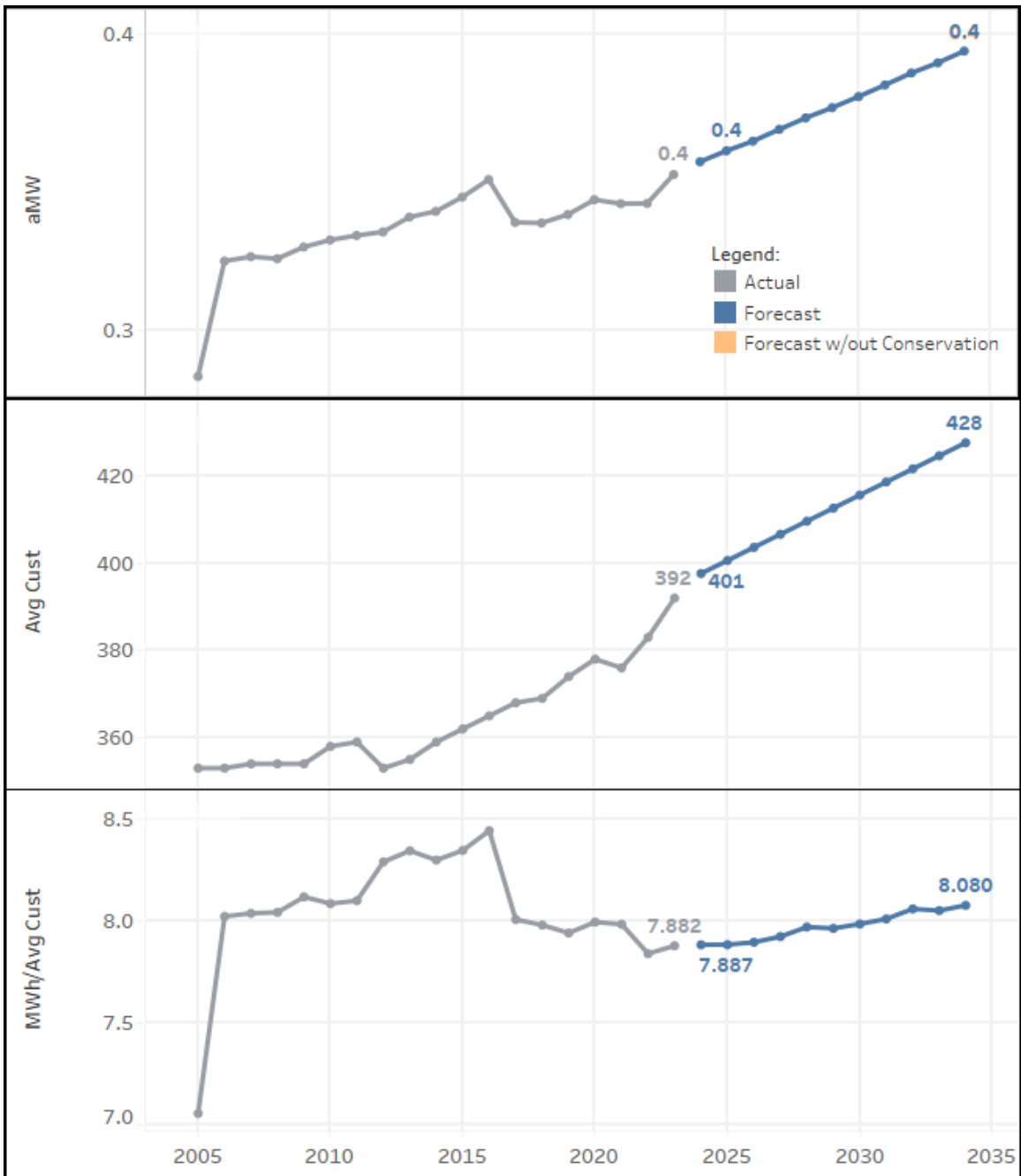
**Figure 5-9 – Security Lighting forecast of retail load, customers and usage per customer**

**Table 5-9 – Security Lighting forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh/ Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	0.1			1,066	1,440	0.741	1,435			
2006	0.1	-0.005	-3.92%	1,025	1,429	0.717	1,431	-4	-0.28%	
2007	0.1	0.000	0.29%	1,028	1,440	0.714	1,448	17	1.19%	
2008	0.1	0.001	0.52%	1,036	1,451	0.714	1,443	-5	-0.35%	
2009	0.1	0.001	1.19%	1,045	1,453	0.719	1,462	19	1.32%	
2010	0.1	0.003	2.22%	1,068	1,468	0.728	1,478	16	1.09%	
2011	0.1	0.002	1.72%	1,087	1,482	0.733	1,481	3	0.20%	
2012	0.1	-0.001	-0.56%	1,084	1,480	0.732	1,483	2	0.14%	
2013	0.1	0.020	16.34%	1,257	1,488	0.845	1,500	17	1.15%	
2014	0.1	0.004	3.12%	1,297	1,493	0.869	1,489	-11	-0.73%	
2015	0.2	0.008	5.19%	1,364	1,482	0.920	1,478	-11	-0.74%	
2016	0.1	-0.012	-7.64%	1,263	1,476	0.856	1,473	-5	-0.34%	
2017	0.1	-0.022	-15.17%	1,069	1,921	0.556	1,904	431	29.26%	
2018	0.1	-0.007	-5.37%	1,011	1,880	0.538	1,871	-33	-1.73%	
2019	0.1	-0.005	-4.58%	965	1,853	0.521	1,837	-34	-1.82%	
2020	0.1	-0.005	-4.92%	920	1,826	0.504	1,815	-22	-1.20%	
2021	0.1	-0.008	-8.07%	844	1,828	0.461	1,840	25	1.38%	
2022	0.1	-0.008	-8.75%	770	1,826	0.422	1,824	-16	-0.87%	
2023	0.1	-0.007	-7.89%	709	1,815	0.391	1,812	-12	-0.66%	
2024	0.1	-0.003	-4.29%	680	1,806	0.377	1,800	-12	-0.66%	0.000
2025	0.1	-0.006	-8.29%	622	1,794	0.347	1,788	-12	-0.67%	0.000
2026	0.1	-0.006	-8.45%	570	1,782	0.320	1,776	-12	-0.67%	0.000
2027	0.1	-0.005	-7.81%	525	1,770	0.297	1,764	-12	-0.68%	0.000
2028	0.1	-0.005	-8.32%	483	1,758	0.275	1,752	-12	-0.68%	0.000
2029	0.1	-0.004	-8.03%	443	1,746	0.254	1,740	-12	-0.68%	0.000
2030	0.0	-0.004	-7.91%	408	1,734	0.235	1,728	-12	-0.69%	0.000
2031	0.0	-0.004	-8.59%	373	1,722	0.217	1,716	-12	-0.69%	0.000
2032	0.0	-0.004	-8.41%	342	1,710	0.200	1,704	-12	-0.70%	0.000
2033	0.0	-0.003	-8.14%	314	1,698	0.185	1,692	-12	-0.70%	0.000
2034	0.0	-0.003	-8.38%	287	1,686	0.170	1,680	-12	-0.71%	0.000

## 5.10 Unmetered Flats

See **Figure 5-10** and **Table 5-10** for details of the Unmetered Flats forecast.



**Figure 5-10 – Unmetered Flats forecast of retail load, customers and usage per customer**

**Table 5-10 – Unmetered Flats forecast of retail load, customers and usage per customer**

Calendar Year	aMW	aMW Change	aMW Change %	MWh	Avg Cust Count	MWh / Avg Cust Count	Year-End Cust Count	Year-End Cust Count Change	Year-End Cust Count Change %	aMW EE
2005	0.3			2,492	353	7.059	352			
2006	0.3	0.039	13.70%	2,833	353	8.026	354	2	0.57%	
2007	0.3	0.002	0.47%	2,846	354	8.041	354	0	0.00%	
2008	0.3	-0.001	-0.21%	2,848	354	8.046	354	0	0.00%	
2009	0.3	0.004	1.22%	2,875	354	8.122	355	1	0.28%	
2010	0.3	0.002	0.72%	2,896	358	8.089	362	7	1.97%	
2011	0.3	0.002	0.46%	2,909	359	8.103	351	-11	-3.04%	
2012	0.3	0.001	0.36%	2,928	353	8.294	354	3	0.85%	
2013	0.3	0.005	1.50%	2,964	355	8.348	357	3	0.85%	
2014	0.3	0.002	0.57%	2,981	359	8.302	361	4	1.12%	
2015	0.3	0.005	1.41%	3,023	362	8.350	364	3	0.83%	
2016	0.4	0.006	1.72%	3,083	365	8.447	366	2	0.55%	
2017	0.3	-0.014	-4.12%	2,948	368	8.011	367	1	0.27%	
2018	0.3	0.000	-0.07%	2,946	369	7.984	370	3	0.82%	
2019	0.3	0.003	0.86%	2,971	374	7.944	377	7	1.89%	
2020	0.3	0.005	1.47%	3,023	378	7.998	381	4	1.06%	
2021	0.3	-0.001	-0.39%	3,003	376	7.987	382	1	0.26%	
2022	0.3	0.000	0.02%	3,004	383	7.843	386	4	1.05%	
2023	0.4	0.010	2.85%	3,090	392	7.882	396	10	2.59%	
2024	0.4	0.004	1.22%	3,136	398	7.887	399	3	0.76%	0.000
2025	0.4	0.004	1.04%	3,160	401	7.887	402	3	0.75%	0.000
2026	0.4	0.003	0.90%	3,188	404	7.899	405	3	0.75%	0.000
2027	0.4	0.004	1.10%	3,223	407	7.927	408	3	0.74%	0.000
2028	0.4	0.004	1.06%	3,266	410	7.974	411	3	0.74%	0.000
2029	0.4	0.003	0.92%	3,287	413	7.967	414	3	0.73%	0.000
2030	0.4	0.004	1.00%	3,320	416	7.989	417	3	0.72%	0.000
2031	0.4	0.004	1.03%	3,355	419	8.013	420	3	0.72%	0.000
2032	0.4	0.004	1.06%	3,399	422	8.063	423	3	0.71%	0.000
2033	0.4	0.003	0.89%	3,420	425	8.055	426	3	0.71%	0.000
2034	0.4	0.004	1.02%	3,455	428	8.080	429	3	0.70%	0.000

## Appendix A

### 6. Appendix A – Summary Tables



## Appendix A

**Table 6-1 – Total system historical and forecast of annual load, losses and peak demand**

Calendar Year	BPUD Retail Sales (aMW)			+ BPUD T&D <sup>1</sup> Losses (aMW) (%)		= BPA Wholesale Load (aMW)			BPA Peak Demand (MW)			
	Low	Base	High	aMW	%	Low	Base	High	Low	Base	High	
2005				182.9	4.54	2.42%				187.5		366.5
2006				177.6	5.34	2.92%				182.9		373.3
2007				183.5	6.71	3.53%				190.2		384.3
2008				186.7	7.29	3.76%				194.0		396.9
2009				197.1	6.25	3.07%				203.3		402.1
2010				181.8	7.03	3.72%				188.9		392.1
2011				188.2	6.16	3.17%				194.3		379.5
2012				187.3	5.84	3.02%				193.1		394.0
2013				193.7	8.75	4.32%				202.4		414.5
2014				203.3	5.07	2.43%				208.4		430.5
2015				198.4	7.47	3.63%				205.9		429.5
2016				192.9	7.43	3.71%				200.3		425.1
2017				203.7	7.18	3.41%				210.9		426.0
2018				198.8	5.90	2.88%				204.7		419.0
2019				201.6	7.49	3.58%				209.1		407.7
2020				198.0	7.48	3.64%				205.5		437.0
2021				206.3	8.34	3.89%				214.6		489.6
2022				206.2	6.95	3.26%				213.1		454.9
2023				209.8	5.78	2.68%				215.6		438.4
Forecast	Low	Base	High	aMW	%	Low	Base	High	Low	Base	High	
2024	196.6	206.9	217.3	6.79	3.28%	203.0	213.7	224.4	419.7	441.8	463.9	
2025	196.6	207.0	217.3	6.79	3.28%	203.1	213.8	224.5	417.1	439.1	461.0	
2026	196.9	207.3	217.6	6.80	3.28%	203.3	214.1	224.8	416.0	437.9	459.8	
2027	197.2	207.6	218.0	6.81	3.28%	203.7	214.4	225.1	415.1	437.0	458.8	
2028	197.5	207.9	218.3	6.82	3.28%	204.0	214.7	225.4	415.2	437.0	458.9	
2029	197.9	208.3	218.7	6.83	3.28%	204.3	215.1	225.9	413.3	435.0	456.8	
2030	198.2	208.6	219.0	6.84	3.28%	204.7	215.5	226.2	412.3	434.0	455.7	
2031	198.6	209.0	219.5	6.86	3.28%	205.1	215.9	226.7	411.5	433.2	454.9	
2032	198.9	209.4	219.9	6.87	3.28%	205.4	216.3	227.1	411.8	433.4	455.1	
2033	199.3	209.8	220.3	6.88	3.28%	205.9	216.7	227.6	410.0	431.5	453.1	
2034	199.7	210.3	220.8	6.90	3.28%	206.3	217.2	228.0	408.9	430.4	451.9	

1) BPUD T&D = Benton PUD Transmission & Distribution; Forecast loss factor is equal to the 3-year historical average.

## Appendix A

**Table 6-2 – Historical & BASE case forecast of annual retail load (aMW) by customer class**

Calendar Year	Residential	Small General	Medium General	Large General	Large Industrial	Small Irrigation	Large Irrigation	Street Lights	Security Lights	Unmetered Flats	Total System	Annual % Change
2005	71.077	13.095	18.726	27.689	6.083	1.795	43.599	0.464	0.122	0.284	182.935	0.62%
2006	72.170	12.866	18.315	27.044	4.276	1.633	40.382	0.466	0.117	0.323	177.592	-2.92%
2007	73.561	13.133	18.857	25.493	5.599	1.809	44.110	0.474	0.117	0.325	183.478	3.31%
2008	75.867	13.162	19.305	25.610	5.437	1.826	44.557	0.480	0.118	0.324	186.687	1.75%
2009	82.388	13.879	20.007	26.645	4.442	1.927	46.848	0.487	0.119	0.328	197.071	5.56%
2010	74.746	12.955	19.505	24.964	6.320	1.649	40.739	0.495	0.122	0.331	181.827	-7.74%
2011	78.533	13.509	20.030	23.935	7.467	1.667	41.940	0.632	0.124	0.332	188.169	3.49%
2012	76.049	13.595	20.036	24.747	8.035	1.726	42.187	0.471	0.123	0.333	187.304	-0.46%
2013	79.667	14.033	20.234	25.036	7.968	1.736	44.225	0.314	0.144	0.338	193.696	3.41%
2014	79.544	14.188	20.781	25.877	8.204	1.964	51.990	0.311	0.148	0.340	203.347	4.98%
2015	75.971	13.870	20.846	25.819	7.642	1.875	51.573	0.309	0.156	0.345	198.404	-2.43%
2016	75.335	13.874	20.545	25.418	7.356	1.776	47.767	0.295	0.144	0.351	192.860	-2.79%
2017	86.618	15.791	25.135	21.390	7.660	1.613	44.747	0.289	0.122	0.337	203.703	5.62%
2018	79.629	15.514	25.366	21.455	7.534	1.799	46.720	0.290	0.115	0.336	198.759	-2.43%
2019	85.729	15.970	26.074	20.128	7.342	1.558	44.057	0.291	0.110	0.339	201.597	1.43%
2020	80.174	14.481	24.226	18.633	7.243	1.859	50.651	0.290	0.105	0.344	198.007	-1.78%
2021	81.241	15.317	25.633	20.856	7.430	1.920	53.189	0.273	0.096	0.343	206.298	4.19%
2022	89.134	16.053	26.278	21.876	7.401	1.704	43.021	0.289	0.088	0.343	206.188	-0.05%
2023	87.086	15.974	25.569	23.409	7.221	1.767	48.096	0.288	0.081	0.353	209.844	1.77%
2024	85.292	15.631	25.579	22.673	7.330	1.792	47.889	0.287	0.077	0.357	206.910	-1.40%
2025	86.015	15.649	25.316	22.279	7.332	1.770	47.897	0.287	0.071	0.361	206.976	0.03%
2026	86.919	15.668	25.044	22.061	7.332	1.743	47.770	0.287	0.065	0.364	207.255	0.13%
2027	87.843	15.697	24.784	21.851	7.332	1.717	47.648	0.287	0.060	0.368	207.587	0.16%
2028	88.877	15.728	24.515	21.634	7.330	1.687	47.390	0.287	0.055	0.372	207.877	0.14%
2029	89.726	15.756	24.252	21.422	7.332	1.666	47.398	0.287	0.051	0.375	208.266	0.19%
2030	90.686	15.787	23.981	21.204	7.332	1.641	47.271	0.287	0.047	0.379	208.615	0.17%
2031	91.666	15.827	23.720	20.994	7.332	1.617	47.149	0.287	0.043	0.383	209.016	0.19%
2032	92.761	15.869	23.452	20.778	7.330	1.588	46.892	0.287	0.039	0.387	209.383	0.18%
2033	93.662	15.908	23.189	20.566	7.332	1.568	46.899	0.287	0.036	0.390	209.838	0.22%
2034	94.680	15.950	22.918	20.348	7.332	1.545	46.772	0.287	0.033	0.394	210.259	0.20%
<b>AARG %<sup>1</sup> 2024-2029</b>	<b>1.02%</b>	<b>0.16%</b>	<b>-1.06%</b>	<b>-1.13%</b>	<b>0.00%</b>	<b>-1.45%</b>	<b>-0.21%</b>	<b>0.00%</b>	<b>-8.18%</b>	<b>1.00%</b>	<b>0.13%</b>	
<b>AARG %<sup>1</sup> 2024-2034</b>	<b>1.05%</b>	<b>0.20%</b>	<b>-1.09%</b>	<b>-1.08%</b>	<b>0.00%</b>	<b>-1.48%</b>	<b>-0.24%</b>	<b>0.00%</b>	<b>-8.23%</b>	<b>1.00%</b>	<b>0.16%</b>	

1) AARG % = Annual Average Rate of Growth Percentage

## Appendix A

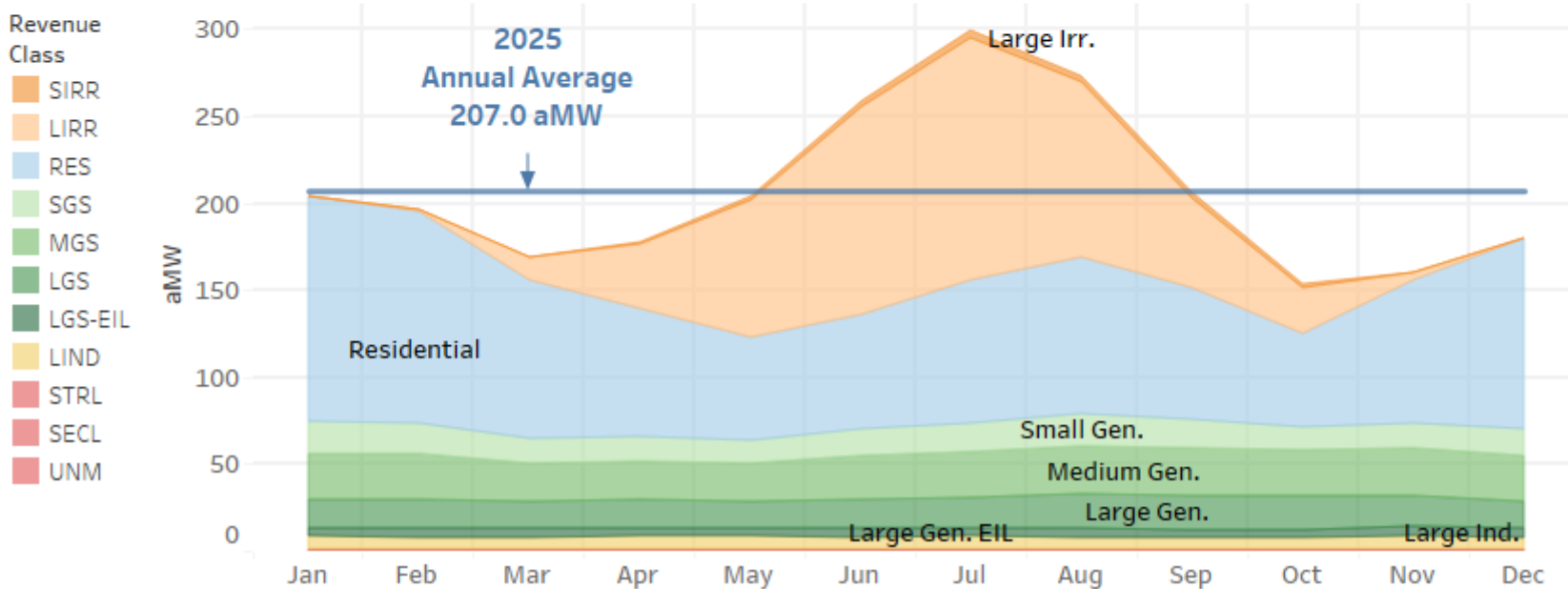
**Table 6-3 – Total System Historical BASE case forecast of MONTHLY and annual retail load (aMW)**

Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2005	188.8	165.8	163.5	168.1	177.3	229.3	255.6	251.2	170.2	124.0	134.7	164.2	182.9
2006	167.3	162.9	155.4	151.7	177.2	221.6	250.4	233.4	171.8	131.1	135.0	171.0	177.6
2007	182.2	185.4	148.3	155.5	187.7	235.0	254.1	236.0	187.5	127.6	143.7	158.6	183.5
2008	176.4	188.5	147.5	182.2	191.7	228.2	262.4	234.6	177.5	149.1	127.3	174.0	186.7
2009	201.8	185.2	161.9	172.6	209.5	258.3	267.4	250.3	187.6	144.4	142.3	181.6	197.1
2010	191.9	157.1	150.6	180.6	175.6	204.6	253.5	250.5	167.1	133.4	129.5	183.6	181.8
2011	186.4	180.8	156.1	173.6	174.5	221.0	247.3	253.8	209.0	136.1	136.1	182.3	188.2
2012	190.0	188.1	145.8	165.4	205.4	207.7	245.0	258.7	197.4	141.2	146.8	155.2	187.3
2013	185.8	187.3	150.1	167.3	206.6	234.1	274.0	249.5	186.1	148.6	148.8	184.3	193.7
2014	194.0	207.4	161.0	184.7	210.4	265.2	283.5	255.1	199.3	161.9	145.4	172.1	203.3
2015	178.8	178.2	148.2	181.5	201.0	288.8	296.2	248.9	197.7	154.4	136.6	168.9	198.4
2016	191.6	175.0	145.0	193.5	205.2	257.1	258.1	249.9	190.4	143.8	135.2	168.4	192.9
2017	228.0	221.2	168.4	161.9	191.3	266.4	288.7	262.4	193.4	148.1	147.2	167.7	203.7
2018	194.6	178.3	163.2	170.4	209.9	260.7	285.1	263.1	191.1	146.0	148.8	171.1	198.8
2019	177.9	215.8	192.3	168.6	193.8	271.3	259.8	257.0	195.7	151.0	160.2	176.8	201.6
2020	178.9	180.9	163.8	194.3	188.1	242.8	274.6	277.4	201.9	152.4	149.3	170.4	198.0
2021	179.4	195.6	169.1	197.2	227.1	283.6	313.8	260.4	195.1	153.6	145.6	153.9	206.3
2022	214.4	202.5	164.0	164.8	165.9	206.5	275.6	298.2	231.6	161.2	178.8	209.0	206.2
2023	213.2	206.4	172.4	171.8	218.8	287.3	309.8	261.3	192.0	147.2	157.9	178.7	209.8
<b>19-Year Min.</b>	<b>167.3</b>	<b>157.1</b>	<b>145.0</b>	<b>151.7</b>	<b>165.9</b>	<b>204.6</b>	<b>245.0</b>	<b>233.4</b>	<b>167.1</b>	<b>124.0</b>	<b>127.3</b>	<b>153.9</b>	<b>177.6</b>
<b>19-Year Avg.</b>	<b>190.6</b>	<b>187.5</b>	<b>159.3</b>	<b>174.0</b>	<b>195.6</b>	<b>245.8</b>	<b>271.3</b>	<b>255.4</b>	<b>191.7</b>	<b>145.0</b>	<b>144.7</b>	<b>173.2</b>	<b>194.6</b>
<b>19-Year Max</b>	<b>228.0</b>	<b>221.2</b>	<b>192.3</b>	<b>197.2</b>	<b>227.1</b>	<b>288.8</b>	<b>313.8</b>	<b>298.2</b>	<b>231.6</b>	<b>161.9</b>	<b>178.8</b>	<b>209.0</b>	<b>209.8</b>
2024	204.3	196.3	169.8	178.6	204.3	259.1	299.4	272.8	205.3	153.0	159.6	179.1	206.9
2025	204.1	196.0	169.2	178.0	204.1	259.0	299.6	273.2	205.6	153.0	160.0	179.9	207.0
2026	205.2	196.9	169.7	178.2	204.0	259.1	299.8	273.5	205.6	152.7	160.1	180.3	207.3
2027	206.0	197.6	170.0	178.3	203.9	259.1	300.1	273.9	205.9	152.7	160.6	181.2	207.6
2028	207.1	198.6	170.4	178.5	203.9	259.1	300.3	274.2	206.0	152.5	160.7	181.6	207.9
2029	207.9	199.3	170.7	178.6	203.8	259.2	300.6	274.7	206.3	152.6	161.2	182.5	208.3
2030	209.0	200.3	171.3	178.9	203.8	259.2	300.9	275.1	206.4	152.3	161.3	183.0	208.6
2031	209.9	201.1	171.6	179.0	203.7	259.3	301.3	275.6	206.8	152.4	161.8	183.9	209.0
2032	211.1	202.2	172.2	179.3	203.7	259.4	301.6	276.0	207.0	152.2	162.0	184.5	209.4
2033	212.0	203.0	172.5	179.4	203.7	259.5	302.0	276.5	207.3	152.3	162.6	185.5	209.8
2034	213.3	204.1	173.1	179.7	203.7	259.7	302.3	277.0	207.5	152.2	162.8	186.1	210.3

## Appendix A

**Table 6-4 – 2025 BASE case forecast of MONTHLY and annual retail load (aMW) by customer class**

Revenue Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2025
RES	129.821	121.788	90.563	73.711	58.684	66.119	82.486	89.849	75.063	54.574	82.154	109.322	86.0
SGS	17.841	17.723	14.149	13.712	13.096	15.128	17.022	18.644	17.006	13.045	14.603	15.949	15.6
MGS	26.299	26.313	22.433	22.483	22.315	25.057	25.802	27.649	27.302	25.934	26.970	25.339	25.3
LGS	16.540	17.114	15.238	16.104	15.284	16.634	17.244	19.866	19.634	19.368	18.370	15.986	17.3
LGS-EIL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.0
LIND	7.697	6.955	7.344	7.539	7.527	7.443	7.721	7.150	6.454	6.821	7.983	7.310	7.3
SIRR	0.107	0.091	0.230	1.287	2.603	3.669	4.366	4.023	2.877	1.472	0.276	0.108	1.8
LIRR	0.132	0.252	13.567	37.474	78.897	119.266	139.251	100.292	51.501	26.060	3.937	0.200	47.9
SECL	0.070	0.075	0.070	0.072	0.070	0.072	0.070	0.070	0.072	0.070	0.072	0.070	0.1
STRL	0.283	0.302	0.283	0.292	0.283	0.292	0.283	0.283	0.292	0.283	0.292	0.283	0.3
UNM	0.355	0.379	0.355	0.367	0.355	0.367	0.355	0.355	0.367	0.355	0.366	0.355	0.4
<b>TOTAL</b>	<b>204.145</b>	<b>195.992</b>	<b>169.232</b>	<b>178.041</b>	<b>204.114</b>	<b>259.047</b>	<b>299.600</b>	<b>273.181</b>	<b>205.568</b>	<b>152.982</b>	<b>160.023</b>	<b>179.922</b>	<b>207.0</b>



## Appendix A

**Table 6-5 – Historical and forecast of annual average number of customers by customer class**

Calendar Year	Residential	Small General	Medium General	Large General	Large Industrial	Small Irrigation	Large Irrigation	Street Lights	Security Lights	Unmetered Flats	Total System	Annual % Change
2005	36,963	4,144	637	122	3	622	96	9	1,440	353	44,389	#N/A
2006	37,418	4,169	636	126	3	614	99	9	1,429	353	44,856	1.05%
2007	37,969	4,295	654	128	3	607	110	9	1,440	354	45,569	1.59%
2008	38,855	4,385	676	131	3	615	121	9	1,451	354	46,600	2.26%
2009	39,220	4,460	695	134	3	615	131	9	1,453	354	47,074	1.02%
2010	39,687	4,503	718	135	3	602	134	9	1,468	358	47,617	1.15%
2011	40,201	4,553	732	136	3	582	140	9	1,482	359	48,197	1.22%
2012	40,645	4,610	747	142	3	563	158	9	1,480	353	48,710	1.06%
2013	41,321	4,682	746	144	3	564	208	9	1,488	355	49,520	1.66%
2014	41,758	4,741	754	148	3	563	225	9	1,493	359	50,053	1.08%
2015	42,375	4,828	758	151	3	560	234	9	1,482	362	50,762	1.42%
2016	43,157	4,915	768	157	5	558	233	9	1,476	365	51,643	1.74%
2017	43,853	5,107	727	101	5	564	428	8	1,921	368	53,082	2.79%
2018	44,528	5,164	725	89	5	556	435	8	1,880	369	53,759	1.28%
2019	45,298	5,244	730	89	5	549	436	8	1,853	374	54,586	1.54%
2020	46,003	5,316	725	89	5	555	435	8	1,826	378	55,340	1.38%
2021	46,713	5,358	726	92	5	556	427	8	1,828	376	56,089	1.35%
2022	47,270	5,417	714	84	5	552	435	8	1,826	383	56,694	1.08%
2023	47,817	5,486	707	83	5	551	435	8	1,815	392	57,299	1.07%
2024	48,344	5,570	714	83	5	546	435	8	1,806	398	57,908	1.06%
2025	48,922	5,642	715	83	5	545	435	8	1,794	401	58,549	1.11%
2026	49,522	5,714	716	83	5	544	435	8	1,782	404	59,212	1.13%
2027	50,122	5,786	717	83	5	543	435	8	1,770	407	59,875	1.12%
2028	50,722	5,858	718	83	5	542	435	8	1,758	410	60,538	1.11%
2029	51,322	5,930	719	83	5	541	435	8	1,746	413	61,201	1.10%
2030	51,922	6,002	720	83	5	540	435	8	1,734	416	61,864	1.08%
2031	52,522	6,074	721	83	5	539	435	8	1,722	419	62,527	1.07%
2032	53,122	6,146	722	83	5	538	435	8	1,710	422	63,190	1.06%
2033	53,722	6,218	723	83	5	537	435	8	1,698	425	63,853	1.05%
2034	54,322	6,290	724	83	5	536	435	8	1,686	428	64,516	1.04%
<b>AARG %<sup>1</sup> 2024-2029</b>	<b>1.20%</b>	<b>1.26%</b>	<b>0.14%</b>	<b>-0.08%</b>	<b>0.00%</b>	<b>-0.18%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-0.67%</b>	<b>0.74%</b>	<b>1.11%</b>	
<b>AARG %<sup>1</sup> 2024-2034</b>	<b>1.17%</b>	<b>1.22%</b>	<b>0.14%</b>	<b>-0.04%</b>	<b>0.00%</b>	<b>-0.18%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-0.69%</b>	<b>0.73%</b>	<b>1.09%</b>	

## Appendix A

**Table 6-6 – Historical and BASE case forecast of annual usage per customer (kWh) by customer class**

Calendar Year	Residential	Small General	Medium General	Large General	Large Industrial	Small Irrigation	Large Irrigation	Street Lights	Security Lights	Unmetered Flats	Total System	Annual % Change
2005	16,845	27,681	257,524	1,988,160	17,761,932	25,280	3,978,407	451,882	741	7,059	36,101	#N/A
2006	16,896	27,034	252,263	1,880,220	12,485,305	23,298	3,573,162	453,740	717	8,026	34,682	-3.93%
2007	16,972	26,787	252,577	1,744,660	16,348,383	26,110	3,512,746	461,266	714	8,041	35,271	1.70%
2008	17,151	26,366	250,845	1,717,234	15,920,098	26,086	3,234,619	468,669	714	8,046	35,190	-0.23%
2009	18,402	27,260	252,179	1,741,869	12,969,692	27,453	3,132,715	474,203	719	8,122	36,673	4.21%
2010	16,498	25,202	237,977	1,619,899	18,454,887	23,997	2,663,248	482,159	728	8,089	33,450	-8.79%
2011	17,113	25,991	239,704	1,541,682	21,803,603	25,097	2,624,234	614,671	733	8,103	34,201	2.24%
2012	16,435	25,905	235,607	1,530,826	23,525,055	26,936	2,345,402	459,597	732	8,294	33,777	-1.24%
2013	16,889	26,255	237,601	1,523,024	23,267,593	26,970	1,862,539	305,647	845	8,348	34,264	1.44%
2014	16,687	26,215	241,437	1,531,617	23,956,495	30,566	2,024,154	302,278	869	8,302	35,589	3.86%
2015	15,705	25,165	240,911	1,497,847	22,313,962	29,330	1,930,671	300,405	920	8,350	34,239	-3.79%
2016	15,333	24,795	234,983	1,422,089	12,922,450	27,952	1,800,809	287,682	856	8,447	32,804	-4.19%
2017	17,303	27,086	302,866	1,855,247	13,420,262	25,055	915,857	316,902	556	8,011	33,617	2.48%
2018	15,665	26,317	306,494	2,111,771	13,199,344	28,344	940,848	317,219	538	7,984	32,388	-3.66%
2019	16,579	26,677	312,883	1,981,102	12,863,616	24,855	885,187	318,288	521	7,944	32,352	-0.11%
2020	15,309	23,928	293,518	1,839,027	12,725,056	29,424	1,022,801	318,421	504	7,998	31,429	-2.85%
2021	15,235	25,042	309,296	1,985,854	13,016,760	30,250	1,091,183	299,130	461	7,987	32,220	2.52%
2022	16,518	25,960	322,402	2,281,315	12,967,032	27,049	866,358	316,554	422	7,843	31,859	-1.12%
2023	15,954	25,507	316,816	2,470,670	12,650,440	28,094	968,551	315,596	391	7,882	32,081	0.70%
2024	15,497	24,651	314,891	2,389,941	12,878,216	28,813	967,034	315,628	377	7,887	31,386	-2.17%
2025	15,402	24,297	310,360	2,351,389	12,844,832	28,424	964,544	314,722	347	7,887	30,967	-1.33%
2026	15,375	24,021	306,603	2,328,388	12,844,832	28,051	961,990	314,722	320	7,899	30,662	-0.99%
2027	15,353	23,765	302,990	2,306,174	12,844,832	27,680	959,525	314,722	297	7,927	30,371	-0.95%
2028	15,392	23,584	300,108	2,289,582	12,878,216	27,319	956,961	315,628	275	7,974	30,163	-0.69%
2029	15,315	23,276	295,663	2,260,966	12,844,832	26,954	954,499	314,722	254	7,967	29,810	-1.17%
2030	15,300	23,041	291,950	2,237,964	12,844,832	26,603	951,947	314,722	235	7,989	29,540	-0.91%
2031	15,289	22,825	288,376	2,215,768	12,844,832	26,251	949,479	314,722	217	8,013	29,283	-0.87%
2032	15,339	22,680	285,499	2,198,911	12,878,216	25,908	946,886	315,628	200	8,063	29,106	-0.60%
2033	15,273	22,412	281,135	2,170,570	12,844,832	25,564	944,455	314,722	185	8,055	28,788	-1.09%
2034	15,268	22,214	277,465	2,147,567	12,844,832	25,227	941,900	314,722	170	8,080	28,549	-0.83%
<b>AARG %<sup>1</sup> 2024-2029</b>	<b>-0.24%</b>	<b>-1.14%</b>	<b>-1.25%</b>	<b>-1.10%</b>	<b>-0.05%</b>	<b>-1.32%</b>	<b>-0.26%</b>	<b>-0.06%</b>	<b>-7.61%</b>	<b>0.20%</b>	<b>-1.02%</b>	
<b>AARG %<sup>1</sup> 2024-2034</b>	<b>-0.15%</b>	<b>-1.04%</b>	<b>-1.26%</b>	<b>-1.06%</b>	<b>-0.03%</b>	<b>-1.32%</b>	<b>-0.26%</b>	<b>-0.03%</b>	<b>-7.62%</b>	<b>0.24%</b>	<b>-0.94%</b>	

## Appendix A

**Table 6-7 – Historical and forecast annual year-end number of customers by customer class**

Calendar Year	Residential	Small General	Medium General	Large General	Large Industrial	Small Irrigation	Large Irrigation	Street Lights	Security Lights	Unmetered Flats	Total System	Annual % Change
2005	37,236	4,128	627	123	3	619	96	9	1,435	352	44,628	#N/A
2006	37,802	4,232	641	127	3	602	101	9	1,431	354	45,302	1.51%
2007	38,285	4,324	665	131	3	609	116	9	1,448	354	45,944	1.42%
2008	39,095	4,445	683	132	3	615	124	9	1,443	354	46,903	2.09%
2009	39,430	4,484	707	135	3	610	133	9	1,462	355	47,328	0.91%
2010	39,973	4,528	725	135	3	594	130	9	1,478	362	47,937	1.29%
2011	40,432	4,576	747	141	3	573	142	9	1,481	351	48,455	1.08%
2012	40,955	4,652	742	143	3	555	163	9	1,483	354	49,059	1.25%
2013	41,561	4,709	750	146	3	563	218	9	1,500	357	49,816	1.54%
2014	42,039	4,784	758	151	3	559	229	9	1,489	361	50,382	1.14%
2015	42,724	4,883	762	153	3	558	232	9	1,478	364	51,166	1.56%
2016	43,574	4,949	775	160	5	556	230	9	1,473	366	52,097	1.82%
2017	44,194	5,174	717	88	5	564	432	8	1,904	367	53,453	2.60%
2018	44,917	5,168	729	90	5	552	435	8	1,871	370	54,145	1.29%
2019	45,667	5,278	726	87	5	539	436	8	1,837	377	54,960	1.51%
2020	46,370	5,350	730	93	5	556	435	8	1,815	381	55,743	1.42%
2021	46,983	5,382	724	84	5	551	436	8	1,840	382	56,395	1.17%
2022	47,523	5,427	707	84	5	549	434	8	1,824	386	56,947	0.98%
2023	48,084	5,531	713	84	5	547	435	8	1,812	396	57,615	1.17%
2024	48,597	5,603	714	83	5	546	435	8	1,800	399	58,190	1.00%
2025	49,197	5,675	715	83	5	545	435	8	1,788	402	58,853	1.14%
2026	49,797	5,747	716	83	5	544	435	8	1,776	405	59,516	1.13%
2027	50,397	5,819	717	83	5	543	435	8	1,764	408	60,179	1.11%
2028	50,997	5,891	718	83	5	542	435	8	1,752	411	60,842	1.10%
2029	51,597	5,963	719	83	5	541	435	8	1,740	414	61,505	1.09%
2030	52,197	6,035	720	83	5	540	435	8	1,728	417	62,168	1.08%
2031	52,797	6,107	721	83	5	539	435	8	1,716	420	62,831	1.07%
2032	53,397	6,179	722	83	5	538	435	8	1,704	423	63,494	1.06%
2033	53,997	6,251	723	83	5	537	435	8	1,692	426	64,157	1.04%
2034	54,597	6,323	724	83	5	536	435	8	1,680	429	64,820	1.03%
<b>AARG %<sup>1</sup> 2024-2029</b>	<b>1.21%</b>	<b>1.25%</b>	<b>0.14%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-0.18%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-0.68%</b>	<b>0.74%</b>	<b>1.11%</b>	
<b>AARG %<sup>1</sup> 2024-2034</b>	<b>1.17%</b>	<b>1.22%</b>	<b>0.14%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-0.18%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-0.69%</b>	<b>0.73%</b>	<b>1.08%</b>	

## Appendix A

**Table 6-8 – Historical and forecast annual change in number of customers by customer class**

Calendar Year	Residential	Small General	Medium General	Large General	Large Industrial	Small Irrigation	Large Irrigation	Street Lights	Security Lights	Unmetered Flats	Total System	Annual % Change
2005	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2006	566	104	14	4	0	(17)	5	0	(4)	2	674	#N/A
2007	483	92	24	4	0	7	15	0	17	0	642	-4.75%
2008	810	121	18	1	0	6	8	0	(5)	0	959	49.38%
2009	335	39	24	3	0	(5)	9	0	19	1	425	-55.68%
2010	543	44	18	0	0	(16)	(3)	0	16	7	609	43.29%
2011	459	48	22	6	0	(21)	12	0	3	(11)	518	-14.94%
2012	523	76	(5)	2	0	(18)	21	0	2	3	604	16.60%
2013	606	57	8	3	0	8	55	0	17	3	757	25.33%
2014	478	75	8	5	0	(4)	11	0	(11)	4	566	-25.23%
2015	685	99	4	2	0	(1)	3	0	(11)	3	784	38.52%
2016	850	66	13	7	2	(2)	(2)	0	(5)	2	931	18.75%
2017	620	225	(58)	(72)	0	8	202	(1)	431	1	1,356	45.65%
2018	723	(6)	12	2	0	(12)	3	0	(33)	3	692	-48.97%
2019	750	110	(3)	(3)	0	(13)	1	0	(34)	7	815	17.77%
2020	703	72	4	6	0	17	(1)	0	(22)	4	783	-3.93%
2021	613	32	(6)	(9)	0	(5)	1	0	25	1	652	-16.73%
2022	540	45	(17)	0	0	(2)	(2)	0	(16)	4	552	-15.34%
2023	561	104	6	0	0	(2)	1	0	(12)	10	668	21.01%
2024	513	72	1	(1)	0	(1)	0	0	(12)	3	575	-13.92%
2025	600	72	1	0	0	(1)	0	0	(12)	3	663	15.30%
2026	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2027	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2028	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2029	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2030	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2031	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2032	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2033	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%
2034	600	72	1	0	0	(1)	0	0	(12)	3	663	0.00%





# Capital Requirements Plan



# Capital Requirements Plan Summary - 2025 Budget

Category Description	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
Transmission	\$5,803,910	\$8,002,278	\$873,314	\$525,000	\$4,550,036	\$2,825,000	\$2,825,000
Distribution	\$19,388,862	\$21,273,416	\$23,360,876	\$14,360,822	\$14,245,254	\$13,697,742	\$16,254,571
Broadband	\$1,425,054	\$1,399,017	\$1,417,038	\$1,072,001	\$1,073,224	\$1,074,462	\$1,074,462
General Plant	\$1,368,500	\$874,853	\$1,333,792	\$897,500	\$1,173,500	\$867,500	\$747,500
IT	\$3,931,950	\$3,105,675	\$3,968,413	\$2,175,000	\$1,425,000	\$2,385,000	\$1,795,000
CIAC	(\$3,571,055)	(\$3,533,770)	(\$4,033,207)	(\$3,680,269)	(\$3,680,319)	(\$3,680,319)	(\$3,680,319)
<b>Grand Total</b>	<b>\$28,347,222</b>	<b>\$31,121,468</b>	<b>\$26,920,226</b>	<b>\$15,350,054</b>	<b>\$18,786,696</b>	<b>\$17,169,384</b>	<b>\$19,016,214</b>

Capital Requirements Plan  
Transmission - 2025 Budget

Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
Switch Upgrade/Additions	137	\$268,000	\$239,180	\$118,100	\$400,000	\$200,000	\$100,000	\$100,000
Poles & Fixtures, Misc. Repairs	75	\$134,000	\$119,590	\$147,625	\$125,000	\$125,000	\$125,000	\$125,000
WO#704055 - Paterson East Tap Switch	137	\$178,466	\$90,390	\$123,881				
Transmission Line-Phillips to Spaw	212	\$4,352,278	\$6,309,183					
WO# 625844 - Spaw Phillips 115kV Breaker	334	\$441,915	\$826,946					
WO# 608670 - McNary POD	300	\$183,098	\$16,147					
WO# 685141 Install New Switch W/O Reata Sub	137	\$106,155	\$50,356					
WO#688239/682569- Prior Tap Switches	137	\$33,843	\$217,356					
Install New Switch N/O Sunset Tap	137	\$106,155		\$68,447				
WO# 711078 - Hedges 115kV Metering Point	169		\$7,525	\$196,972				
WO# 503229 - Transmission Line-Sunset Rd to Dallas Rd	413		\$125,604			\$4,225,036		
Irrigro Transmission Sectionalizing Switches	137			\$175,269				
Irrigro Transmission Sectionalizing Switches	137			\$43,020				
WO# 646873 - Weber Canyon to Prosser Tie	353						\$2,600,000	\$2,600,000
<b>Grand Total</b>		<b>\$5,803,910</b>	<b>\$8,002,278</b>	<b>\$873,314</b>	<b>\$525,000</b>	<b>\$4,550,036</b>	<b>\$2,825,000</b>	<b>\$2,825,000</b>

Capital Requirements Plan  
Distribution - 2025 Budget

Project Group	Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
Capacity & Reliability	09 - Dist 5 Yr Plan Projects	POS #58-WO# 647820 -BEC-3, New Feeder to East to Tie with S..	205	\$1,175,203	\$18,904	\$618,023	\$565,300			
		POS #11 - WO#647875 GUM-4, HED-3, Recond. 3/0, Bowles Rd.	331	\$479,817	\$374,262					
		POS #41 - ZEH-4, New OH tie to GUM-4 at Game Farm Rd.	206	\$364,997		\$469,106				
		POS #81 - PHI-8, New Feeder North to Cochrane	297	\$582,252				\$387,428		
		POS #102 - HED-4 Getaway Reconductor	288	\$125,667						\$99,347
		POS#14 - WO# 714128 - GUM-4, Hed-3 Game Farm to Haney Rd	453		\$235,351	\$177,009				
		POS# 14 - WO#703687 - 45th to Game Farm Rd	448		\$416,517					
		POS#133 - Prosser-3/Sunset Rd.-2 Outage Support	477			\$160,940				
		POS#133 - L537V Upgrade to 167kVA	476			\$36,272				
		POS#:132 - N-1 Phase Balancing	475			\$34,169				
		POS#147 - New Line Switch Kennewick-6	458			\$16,323				
		POS#143 - New Line Switch Sunset Rd-3	458			\$15,587				
		POS#134 - New Line Switch Hdegges-3	458			\$3,811				
		POS#15 - WO# 615372 - HIG-4, Recond. 3/0, W. 10th Ave.	309				\$375,948			
		POS#38 - WO#505924 - VIS-1 to Vis-6 Across Quinalt	152				\$170,801			
		POS#36A - SSR-3 Reconductor (DNR Land) WEST	395					\$284,253		
		POS#XXX - PRS-2 Reconductor Johnson W/O OIE	-1							\$500,000
		POS#119 - PSR-3 Reconductor	332							\$361,900
		POS#54 - ZEH-3, Recond. 1/0 to Serve GUM-3	-1							\$307,674
		POS#105 - KEN-9 Reconductor Down Washington	-1							\$271,602
		POS#120 - ANG-4 Reconductor Between Morain & Union	-1							\$250,000
POS#22 - KEN-8, Reconductor Across Fairgrounds	-1							\$200,000		
		<b>Total</b>		<b>\$2,727,936</b>	<b>\$1,045,034</b>	<b>\$1,531,240</b>	<b>\$1,112,049</b>	<b>\$671,681</b>	<b>\$599,347</b>	<b>\$1,391,176</b>
17 - Dist System Improvement		Distribution System Improvements	141	\$997,697	\$1,110,296	\$621,199	\$500,000	\$500,000	\$500,000	\$500,000
		Fire Mitigation - OH Line Reconstruction	312	\$250,000		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
		Vista Substation Feeder Getaways	296	\$111,142						
		WO#662093 - COK - CCB & Deshutes	409		\$355,290					
		WO#662093 - COK-CBB & Quinalt AVE	450		\$179,855					
		WO# 713895 Vista VTA-3 VTA-6 VTA-8 TIE	296		\$150,222					
		Voltage Optimization	151			\$300,000		\$300,000		
		Vista Substation Feeder #3 & #4 Upgrades	296			\$879,964				
		COK-I82 Bore Crossing	478			\$544,601				
		WO#687121 - COK - Nutmeg Line Relocation	141			\$95,436				
				<b>Total</b>		<b>\$1,358,839</b>	<b>\$1,795,664</b>	<b>\$2,691,200</b>	<b>\$750,000</b>	<b>\$1,050,000</b>
22 - Scada		SCADA Alarm Standard Implementation	435	\$6,989	\$6,791	\$14,989				
		Fiber to Carma (RTAC)	144	\$41,824	\$41,327				\$35,000	
		SCADA Communications Network Study	333	\$299,770	\$299,770					
		Fiber to Paterson 1&2, SunHeaven River (RTAC)	144	\$137,755	\$134,931					

Capital Requirements Plan  
Distribution - 2025 Budget

Project Group	Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029	
Capacity & Reliability	22 - Scada	Fiber to Sandpiper (RTAC)	144	\$85,970	\$83,908						
		VREG RTAC SYSTEM Upgrade (37 REGS-Com Line Optimization)	427	\$70,764	\$69,780						
		Fiber to Whitcomb (RTAC)	144	\$47,029	\$45,967						
		Zephyr Height SCADA Upgrades	202	\$36,199	\$35,108						
		Fiber to Substations & Line Devices	144	\$33,500	\$29,898						
		Fiber to H2F2 Reservoir Sub	144	\$31,068	\$41,483						
		Distribution Line Equipment SCADA	143	\$26,800	\$23,918						
		H2F2 Reservoir RTU Replacement	425	\$24,904	\$23,615						
		Berrian Tap Meter Point RTU upgrade	425	\$16,898	\$16,244						
		H2F Tap Metering Point RTU upgrade	425	\$16,898	\$16,244						
		Paterson Tap Metering Point RTU upgrade	425	\$16,898	\$16,244						
		Chevron RTU Upgrade	425	\$16,368		\$15,935					
		Fiber Back Bone to Prior #4	144			\$540,000					
		Faulted Circuit Indicators on SCADA	454			\$35,652					
		Kennewick Bay 2 RTAC Replacement	479				\$36,338				
		Angus Bay 2 SCADA Modifications	202				\$21,459				
		Orchard View RTU Replacement	425					\$47,217			
		Nine Canyon Scada Upgrades	-1					\$24,887			
		251 Meter Point RTU Upgrade	425					\$15,720			
		Cold Creek Meter Point RTU Upgrade	425					\$15,720			
		Columbia Crest Meter Point RTU Upgrade	425					\$15,720			
		Phillips RTU Replacement	425						\$47,217		
		River Front RTU Replacement	425						\$47,217		
		Reata TRU Replacement	425							\$47,217	
		Cold Creek RTU Replacement	425							\$47,217	
		Chevron RTU Replacement	425								\$47,217
		Highlands RTU Replacement	425								\$47,217
		<b>Total</b>		<b>\$909,634</b>	<b>\$1,460,880</b>	<b>\$88,721</b>	<b>\$119,263</b>	<b>\$94,434</b>	<b>\$129,434</b>	<b>\$94,434</b>	
23 - Substations		Substation Misc. Aux Equip, Relays/Controls	148	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	
		WO#633531 - Prosser Bay #2 Voltage Reg Replacement	373	\$700,496	\$860,978						
		Vista Bay #1 Metal clad Switchgear Replacement	375	\$561,735	\$279,318						
		New Badger Canyon Substation Property	434	\$300,000				\$300,000			
		WO# 701540 - OLTC Power Transformer #1 - Location TBD	446		\$286,318	\$1,142,127	\$97,000				
		WO# 701553 - OLTC Power Transformer #2 - Location TBD	447		\$286,318	\$1,142,127	\$97,000				
		WO# 694356 - Vista Bay #2 Metal Clad Switchgear Replacement	436		\$84,844	\$1,135,629					
		WO# 665329- Sunset Rd Substation Relay Upgrades & Reg. Rep..	411			\$934,917					
		WO#718354 - Angus Bay #2 Bay Protection Upgrades	456			\$163,652					
		Kennewick Bay 1 Recloser Control Upgrades	459			\$48,493					

Capital Requirements Plan  
Distribution - 2025 Budget

Project Group	Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029	
Capacity & Reliability	23 - Substations	Kennewick Bay 3 Recloser Control Upgrades	459			\$48,493					
		Prosser Sub Recloser Control Upgrades	Null				\$80,576				
		Kennewick Bay 2 Recloser Control Upgrades	Null				\$41,373				
		Orchard View Battery Replacement	Null				\$20,615				
		Relay Upgrades River Front Substation	-1						\$237,778		
		Phillips Battery Bank Replacement	Null						\$24,615		
		Prosser Bay #1 CS & Diff Addition	-1							\$353,100	
		Chevron Battery Bank Replacement	Null							\$20,615	
		Aged Transformer Replacement (50-59 years)	-1								\$1,800,000
		Prosser Bay #2 CS & Diff Addition	-1								\$353,100
		Reata Battery Bank Replacement	Null								\$20,615
	<b>Total</b>				<b>\$1,602,231</b>	<b>\$1,837,775</b>	<b>\$4,655,439</b>	<b>\$376,564</b>	<b>\$602,393</b>	<b>\$413,715</b>	<b>\$2,213,715</b>
	C&R - Capacity & Reliability	<b>Total</b>	Distribution Regulators	323	\$75,000	\$243,812	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
<b>Total</b>				<b>\$75,000</b>	<b>\$243,812</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	
<b>Total</b>				<b>\$6,673,640</b>	<b>\$6,383,165</b>	<b>\$9,116,600</b>	<b>\$2,507,876</b>	<b>\$2,568,508</b>	<b>\$2,042,496</b>	<b>\$4,599,325</b>	
Customer Growth	20 - Service Poles	Service Poles	93	\$44,843	\$42,390	\$53,786	\$37,500	\$37,500	\$37,500	\$37,500	
		<b>Total</b>		<b>\$44,843</b>	<b>\$42,390</b>	<b>\$53,786</b>	<b>\$37,500</b>	<b>\$37,500</b>	<b>\$37,500</b>	<b>\$37,500</b>	
	30 - Sum Base Growth	Services, Set Xfmrs, Run Secondary	94	\$4,477,547	\$5,689,321	\$5,026,288	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	
		Distribution Base Growth	140	\$4,061,771	\$3,755,050	\$4,193,480	\$4,050,846	\$4,050,846	\$4,050,846	\$4,050,846	
		<b>Total</b>		<b>\$8,539,318</b>	<b>\$9,444,371</b>	<b>\$9,219,768</b>	<b>\$7,550,846</b>	<b>\$7,550,846</b>	<b>\$7,550,846</b>	<b>\$7,550,846</b>	
	L&LR - Land & Land Rights	New Permits (Crossing, Etc.)	140	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	
		County Recording Fees - Easements	140	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	
		Title Reports for Construction Projects	140	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
		<b>Total</b>		<b>\$57,500</b>	<b>\$57,500</b>	<b>\$57,500</b>	<b>\$57,500</b>	<b>\$57,500</b>	<b>\$57,500</b>	<b>\$57,500</b>	
	<b>Total</b>			<b>\$8,641,661</b>	<b>\$9,544,261</b>	<b>\$9,331,054</b>	<b>\$7,645,846</b>	<b>\$7,645,846</b>	<b>\$7,645,846</b>	<b>\$7,645,846</b>	
Other	19 - NESC Standards Comp..	JU - NESC Compliance Program	145	\$188,760	\$172,333	\$170,634	\$187,500	\$187,500	\$187,500	\$187,500	
		<b>Total</b>		<b>\$188,760</b>	<b>\$172,333</b>	<b>\$170,634</b>	<b>\$187,500</b>	<b>\$187,500</b>	<b>\$187,500</b>	<b>\$187,500</b>	
	OTH - Other	Transportation Exp Allocation	74		\$79,680	\$80,000					
		<b>Total</b>			<b>\$79,680</b>	<b>\$80,000</b>					
<b>Total</b>			<b>\$188,760</b>	<b>\$252,013</b>	<b>\$250,634</b>	<b>\$187,500</b>	<b>\$187,500</b>	<b>\$187,500</b>	<b>\$187,500</b>		
General Plant	METR - Meters	Meter Change-Outs	336	\$430,000	\$480,600	\$485,496	\$430,000	\$430,000	\$430,000	\$430,000	
		Meters	86	\$300,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	
		<b>Total</b>		<b>\$730,000</b>	<b>\$930,600</b>	<b>\$935,496</b>	<b>\$880,000</b>	<b>\$880,000</b>	<b>\$880,000</b>	<b>\$880,000</b>	
	<b>Total</b>			<b>\$730,000</b>	<b>\$930,600</b>	<b>\$935,496</b>	<b>\$880,000</b>	<b>\$880,000</b>	<b>\$880,000</b>	<b>\$880,000</b>	
Repair & Replace	12 - Dist. Cable Replacement Project	Repair & Replacement - Cable	147	\$1,624,960	\$2,217,312	\$1,589,934	\$1,618,400	\$1,618,400	\$1,618,400	\$1,618,400	
		Farm Cable Replacement	424	\$177,080	\$170,198	\$662,777					
		<b>Total</b>		<b>\$1,802,040</b>	<b>\$2,387,510</b>	<b>\$2,252,711</b>	<b>\$1,618,400</b>	<b>\$1,618,400</b>	<b>\$1,618,400</b>	<b>\$1,618,400</b>	
	14 - Dist Other	Trouble Orders	149	\$837,604	\$820,647	\$855,495	\$800,000	\$800,000	\$800,000	\$800,000	

Capital Requirements Plan  
Distribution - 2025 Budget

Project Group	Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
Repair & Replace	14 - Dist Other Maintenance	Repair & Replacement - Other	92	\$471,912	\$335,928	\$565,109	\$478,500	\$500,000	\$478,500	\$478,500
		<b>Total</b>		<b>\$1,309,516</b>	<b>\$1,156,575</b>	<b>\$1,420,603</b>	<b>\$1,278,500</b>	<b>\$1,300,000</b>	<b>\$1,278,500</b>	<b>\$1,278,500</b>
	16 - Dist. Pole Replacement	Distribution Pole Replacement	160	\$43,245	\$41,709	\$45,137	\$45,000	\$45,000	\$45,000	\$45,000
		<b>Total</b>		<b>\$43,245</b>	<b>\$41,709</b>	<b>\$45,137</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$45,000</b>
	23 - Substations	WO 639055 Carma XFMR Swap	367		\$577,584					
		Prosser Substation Feeder Getaway Replacement	Null				\$197,700			
		<b>Total</b>			<b>\$577,584</b>		<b>\$197,700</b>			
		<b>Total</b>			<b>\$3,154,801</b>	<b>\$4,163,377</b>	<b>\$3,718,451</b>	<b>\$3,139,600</b>	<b>\$2,963,400</b>	<b>\$2,941,900</b>
<b>Grand Total</b>			<b>\$19,388,862</b>	<b>\$21,273,416</b>	<b>\$23,352,234</b>	<b>\$14,360,822</b>	<b>\$14,245,254</b>	<b>\$13,697,742</b>	<b>\$16,254,571</b>	



Capital Requirements Plan  
 Broadband - 2025 Budget

Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
Fiber Customer Connects - LEC	135	\$468,350	\$449,977	\$448,078	\$425,000	\$425,000	\$425,000	\$425,000
NoaNET NCS and District Labor	22	\$242,901	\$241,629	\$249,367	\$232,001	\$233,224	\$234,462	\$234,462
Fiber Backbone & Laterals	134	\$110,200	\$105,877	\$369,005	\$150,000	\$150,000	\$150,000	\$150,000
System Improvement Projects	349	\$110,200	\$105,877	\$105,430	\$100,000	\$100,000	\$100,000	\$100,000
Fiber Conduit	19	\$22,040	\$21,175	\$21,086	\$20,000	\$20,000	\$20,000	\$20,000
Franchise BB Facility Relocations	252	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Backbone System Electronics	133	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Premise Electronics	136	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Advanced Wireless/Small Cell	214	\$326,363	\$329,481	\$79,073				
<b>Grand Total</b>		<b>\$1,425,054</b>	<b>\$1,399,017</b>	<b>\$1,417,038</b>	<b>\$1,072,001</b>	<b>\$1,073,224</b>	<b>\$1,074,462</b>	<b>\$1,074,462</b>

Capital Requirements Plan  
General Plant - 2025 Budget

Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029	
<b>FAC - Facilities</b>	Swamp Cooler Replacement (2 in Ops 2024) ( 6 in ops 2025)	445		\$10,000	\$30,000					
	Fiber Hut Generator	264		\$67,000						
	Admin Room 172 Remodel	437		\$12,000						
	Zephyr Gate	403		\$7,175						
	Access Control for Mudroom Door in Ops	222		\$6,928						
	Replacement of Stairs & Ramp (Operations Center)	462			\$75,000					
	Mini Split HVAC Addition to Prosser Equipment Room	461			\$10,000					
	Dry Transformers - (2) Spares for Admin and Prosser facilities	460			\$6,500					
	Dist. System Improvements/Projected Capital Facilities	-1					\$200,000	\$200,000	\$200,000	\$200,000
	<b>Total</b>				<b>\$103,103</b>	<b>\$121,500</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>
<b>TRAN - Transportation</b>	Vac Truck (Under Contract)	401	\$537,000	\$537,000						
	Kennewick Bucket Truck (Replacing #149) (Under Contract)	342	\$342,000		\$342,000					
	Bucket Truck - Prosser (Replacing #73) (Under Contract)	347	\$340,000		\$340,000					
	Engineering Half-Ton Pick Up	449		\$48,000						
	Service Truck - Kennewick (Replacing #184) (Under Contract)	398			\$235,000					
	Transformer Shop - Foreman Truck (Replacing #146)	468			\$48,000					
	Dump Truck	-1				\$300,000				
	Foreman Truck - Prosser (Replacing #168)	-1				\$120,000				
	Maintenance Truck - (Replacing #158)	-1				\$90,000				
	80' High Reach Bucket - Kennewick (Replacing #90)	-1					\$360,000			
	Bucket Truck - Kennewick (Replacing #166)	-1					\$300,000			
	Foreman Truck - Kennewick (Replacing #175)	-1					\$120,000			
	Warehouse Forklift (Replacing #108)	-1						\$300,000		
	Yard Dump Truck (Replacing #100)	-1						\$180,000		
	Service Truck - Kennewick (Replacing #198)	-1							\$240,000	
	Meter Shop 2,500 Pickup (Replacing #174)	-1							\$120,000	
	<b>Total</b>			<b>\$1,219,000</b>	<b>\$585,000</b>	<b>\$965,000</b>	<b>\$510,000</b>	<b>\$780,000</b>	<b>\$480,000</b>	<b>\$360,000</b>
<b>LINE - Line Department</b>	Misc. Construction Capital Expense - Line Department	60	\$67,500	\$67,500	\$67,500	\$67,500	\$67,500	\$67,500	\$67,500	
	Pole Stubbing	64	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	
	115kV Phasing Set	428	\$7,000	\$7,000						
	Anderson Presses (3 @ \$5000 each)	429	\$15,000							
	Locator	463			\$12,200					
	Projected Capital Equip - Line	60				\$45,000	\$45,000	\$45,000	\$45,000	
	<b>Total</b>			<b>\$99,500</b>	<b>\$84,500</b>	<b>\$89,700</b>	<b>\$122,500</b>	<b>\$122,500</b>	<b>\$122,500</b>	<b>\$122,500</b>
<b>MESH - Meter</b>	Communications Equipment/800 MHz Radios	49	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	

Capital Requirements Plan  
 General Plant - 2025 Budget

Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
<b>MESH - Meter Shop</b>	Three Phase PMI Meter Socket Power Quality Recorder	433	\$15,000	\$15,000					
	Probe Well Meter Test Equipment	431	\$15,000	\$15,000					
	Multiform Six Position Meter Test Board	465			\$30,000				
	Revolution PQ Recorder	467			\$18,811				
	Recloser/Test Break-Out Box	466			\$7,561				
	Bolt Single Phase Recorder	464			\$6,237				
	Projected Capital - Meter Shop	-1				\$20,000	\$20,000	\$20,000	\$20,000
	Power Quality Recorder/Meter Base Use	396					\$6,000		
	<b>Total</b>			<b>\$35,000</b>	<b>\$35,000</b>	<b>\$67,609</b>	<b>\$25,000</b>	<b>\$31,000</b>	<b>\$25,000</b>
<b>XFSH - Transformer Shop</b>	Misc. Construction Capital Expense - Transformer Shop	61	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	TTR and Winding Resistance Tester	276		\$36,000					
	Portable Onsite DGA (Kelman)	471			\$40,000				
	Tekton Tool Cabinet/Kit	473			\$10,589				
	Megger M0M2 Micro Ohm Meter	470			\$9,444				
	Stinger Kit ( for working on 115 switches)	472			\$9,195				
	Anderson Crimp	469			\$5,755				
	Projected Capital - Transformer Shop	-1				\$25,000	\$25,000	\$25,000	\$25,000
	<b>Total</b>			<b>\$10,000</b>	<b>\$46,000</b>	<b>\$84,983</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>
<b>OTH - Other</b>	Projected Capital Equip - Ops	66	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
	Dual Pedal Power Education System	451		\$16,250					
	<b>Total</b>		<b>\$5,000</b>	<b>\$21,250</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>
<b>Grand Total</b>			<b>\$1,368,500</b>	<b>\$874,853</b>	<b>\$1,333,792</b>	<b>\$897,500</b>	<b>\$1,173,500</b>	<b>\$867,500</b>	<b>\$747,500</b>

Capital Requirements Plan  
Information Technology (IT) - 2025 Budget

Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
<b>ENAP - Enterprise Applications</b>	Survalent ICCP Software Plug-In	408	\$44,258	\$37,000	\$7,317				
	iVUE Enhancements	31	\$43,493	\$42,687	\$69,725				
	<b>Total</b>		<b>\$87,750</b>	<b>\$79,687</b>	<b>\$77,042</b>				
<b>NETI - Network Infrastructure</b>	Cisco Blade Server	44	\$250,000	\$250,000	\$380,000	\$400,000	\$350,000	\$400,000	\$250,000
	Network Switch Purchase	33	\$40,000	\$40,000	\$150,000	\$50,000	\$55,000	\$55,000	\$100,000
	Multi-Function Printer	302	\$30,000	\$30,000	\$30,000	\$15,000	\$30,000	\$15,000	\$30,000
	Windows Datacenter Licenses	38	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$35,000
	Fabric Interconnects	388	\$120,000	\$120,000	\$120,000				\$140,000
	Data Center	430	\$334,000	\$150,000	\$434,685				
	TGB Expansion	432	\$100,000	\$100,000					
	UPS Replacement	455		\$100,000				\$100,000	
	External Firewalls	474			\$150,000			\$150,000	
	Storage Area Network (SAN) Upgrade	267				\$150,000			\$150,000
	Enterprise Infrastructure Backup Storage Replacement	-1				\$220,000			
	Next Gen Wi-Fi	-1				\$125,000			
	Data Loss Prevention	-1					\$75,000		
<b>Total</b>			<b>\$899,000</b>	<b>\$815,000</b>	<b>\$1,289,685</b>	<b>\$985,000</b>	<b>\$535,000</b>	<b>\$745,000</b>	<b>\$705,000</b>
<b>OTEC - Operational Technology</b>	OT Telecomm Network Upgrade	481			\$737,118	\$640,000	\$640,000	\$640,000	\$640,000
	Fiber Build H2F	482			\$300,000				
	Fiber Build - Badger Canyon TGB site	482			\$250,000				
	Substation Router Replacements	483			\$100,000				
	OT Network Monitoring Hardware	480			\$59,081				
	Dispatch Data Wall hardware upgrade	-1				\$150,000			
	Fiber Build - Cold Creek	-1				\$150,000			
	SCADA Dispatch Board replacement	-1						\$500,000	
	TGB Replacements	-1							\$200,000
	<b>Total</b>					<b>\$1,446,199</b>	<b>\$940,000</b>	<b>\$640,000</b>	<b>\$1,140,000</b>
<b>SEC - Security</b>	Kennewick Lobby Remodel	420	\$1,500,000	\$850,000	\$850,000				
	Facility Fencing and Gates	326	\$810,000	\$630,000					
	Enterprise Security System	222	\$285,200	\$484,488					
	Wiring - Camera System	222	\$100,000	\$240,000					
	Operations Gate Overhaul	326	\$250,000						
	Security Systems - Substations	222			\$16,937	\$250,000	\$250,000	\$250,000	
	Security Systems - Radio Sites	222			\$250,000				
	Enterprise Security System - Intrusion Detection	222			\$38,550				

Capital Requirements Plan  
 Information Technology (IT) - 2025 Budget

Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
SEC - Security	Projected Security	-1						\$250,000	\$250,000
	<b>Total</b>		\$2,945,200	\$2,204,488	\$1,155,487	\$250,000	\$250,000	\$500,000	\$250,000
OTH - Other	Communications Media Equipment	444		\$6,500					
	<b>Total</b>			\$6,500					
<b>Grand Total</b>			\$3,931,950	\$3,105,675	\$3,968,413	\$2,175,000	\$1,425,000	\$2,385,000	\$1,795,000

Capital Requirements Plan  
 Capital Contributions (CIAC) - 2025 Budget

Project Group	Project	Project Name	Bu Number	2024 Original Budget	2024 Amended Budget	2025	2026	2027	2028	2029
Transmission Projects	24 - Transmission Projects	Angus Franklin - Tower Upgrade (Contract 95-23-01)	0	(\$43,550)	(\$87,100)	(\$87,100)	(\$87,050)	(\$87,100)	(\$87,100)	(\$87,100)
		<b>Total</b>		(\$43,550)	(\$87,100)	(\$87,100)	(\$87,050)	(\$87,100)	(\$87,100)	(\$87,100)
	<b>Total</b>		(\$43,550)	(\$87,100)	(\$87,100)	(\$87,050)	(\$87,100)	(\$87,100)	(\$87,100)	
Customer Growth	30 - Sum Base Growth	Distribution Base Growth	140	(\$3,452,505)	(\$3,371,670)	(\$3,796,107)	(\$3,443,219)	(\$3,443,219)	(\$3,443,219)	(\$3,443,219)
		<b>Total</b>		(\$3,452,505)	(\$3,371,670)	(\$3,796,107)	(\$3,443,219)	(\$3,443,219)	(\$3,443,219)	(\$3,443,219)
	<b>Total</b>		(\$3,452,505)	(\$3,371,670)	(\$3,796,107)	(\$3,443,219)	(\$3,443,219)	(\$3,443,219)	(\$3,443,219)	
Broadband	05 - BB Fiber Line Extension	Capital Contributions in Aid to Construction	135			(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)
		<b>Total</b>				(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)
	<b>Total</b>				(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	
Other	19 - NESC Standards Comp..	JU - NESC Compliance Program	145	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)
		<b>Total</b>		(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)
	<b>Total</b>		(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	
<b>Grand Total</b>				(\$3,571,055)	(\$3,533,770)	(\$4,033,207)	(\$3,680,269)	(\$3,680,319)	(\$3,680,319)	(\$3,680,319)



# Power Supply Plan

**Tab 10**





Public Utility District No. 1 of Benton County

# Power Supply Plan

2025-2029

## TABLE OF CONTENTS

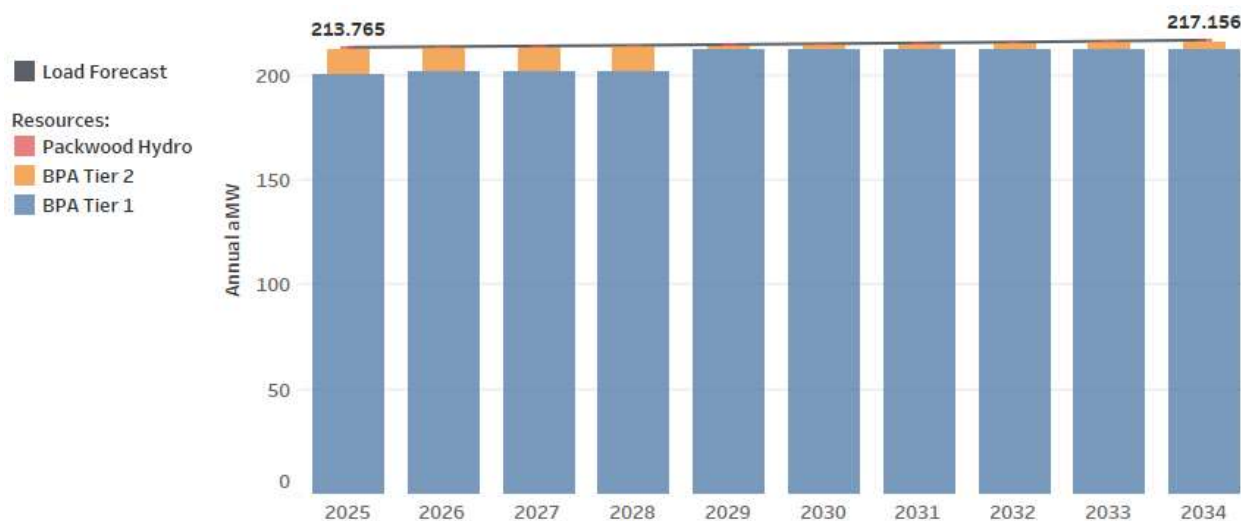
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Executive Summary.....	3
Section 1: Load Forecast .....	4
Section 2: BPA Power Costs .....	6
Section 3: Non-BPA Resource Costs.....	8
Packwood Hydroelectric .....	8
Nine Canyon Wind .....	9
White Creek Wind.....	10
Seasonal Capacity Product.....	11
Renewable Energy Credits .....	12
Section 4: Transmission Costs.....	13
Section 5: Other Power Costs .....	14
Section 6: Conservation .....	14
Section 7: Five-Year Budget Detail.....	15
Section 8: Comparison to Last Year .....	16

## EXECUTIVE SUMMARY

The Power Supply Plan is prepared annually to summarize the District’s power supply budget for the upcoming five calendar years. Its purpose is to provide background, highlight key data assumptions, and synthesize conclusions to inform the District’s five-year financial plan.

**Figure 1** below represents the District’s 2024 Load Forecast<sup>1</sup> and its 10-year resource strategy per the 2024 Resource Plan<sup>2</sup>. The recent forecast and resource plan are each incorporated into the costs summarized in this Power Supply Plan.



**Figure 1:** 10-Year Resource Plan

The District expects to continue using the load following product for its Bonneville Power Administration (BPA) Power Sales Agreement and serving its above high water mark load using BPA’s Tier 2 product. The District’s Packwood hydroelectric is assumed to continue as a dedicated resource serving load. The District’s Nine Canyon and White Creek Wind are assumed to be sold into the market, rather than used to serve load. The District’s five-year budget of net power costs is summarized below in **Table 1**.

**Table 1:** Five-Year Budget of Net Power Costs

Cost Category	2025	2026	2027	2028	2029
<b>BPA Power</b>	\$67,020,995	\$70,018,178	\$69,862,226	\$70,419,527	\$72,613,295
<b>Non-BPA Resources</b>	\$ 1,557,926	\$2,738,724	\$3,159,601	\$2,712,746	\$2,879,909
<b>Transmission</b>	\$10,844,936	\$12,257,837	\$12,217,543	\$12,313,843	\$12,956,792
<b>Other Power Costs</b>	\$ 1,494,338	\$1,550,088	\$1,608,273	\$1,669,013	\$1,732,433
<b>Conservation</b>	\$ 294,200	\$457,017	\$406,410	\$587,568	\$524,231
<b>Total Net Power Costs</b>	<b>\$81,212,395</b>	<b>\$87,021,844</b>	<b>\$87,254,053</b>	<b>\$87,702,697</b>	<b>\$90,706,660</b>

<sup>1</sup> [2024 Load Forecast](#) – Resolution No. 2673, May 14, 2024

<sup>2</sup> [2024 Resource Plan](#) – Resolution No. 2681, August 27, 2024

## SECTION 1: LOAD FORECAST

The wholesale load forecast is summarized below in **Table 1-1** by calendar year and **Table 1-2** by month, including wholesale load by Heavy Load Hour (HLH), Light Load Hour (LLH), and peak.

**Table 1-1: Annual Load Forecast**

Year	HLH Hours	LLH Hours	Total Hours	HLH MWh	LLH MWh	Total MWh	Total aMW	Peak MW
2025	4,912	3,848	8,760	1,117,045	755,534	1,872,579	213.8	439.1
2026	4,912	3,848	8,760	1,118,548	756,551	1,875,100	214.1	437.9
2027	4,912	3,848	8,760	1,120,340	757,763	1,878,104	214.4	437.0
2028	4,912	3,872	8,784	1,124,982	760,903	1,885,884	214.7	437.0
2029	4,912	3,848	8,760	1,124,006	760,242	1,884,248	215.1	435.0

**Table 1-2: Monthly Load Forecast**

Year	Month	HLH Hours	LLH Hours	Total Hours	HLH MWh	LLH MWh	Total MWh	Total aMW	Peak MW
2025	Jan	416	328	744	83,168	66,457	149,625	201.1	306.4
2025	Feb	384	288	672	75,947	52,208	128,155	190.7	310.6
2025	Mar	416	327	743	75,041	48,417	123,458	166.2	243.4
2025	Apr	416	304	720	76,775	49,773	126,547	175.8	242.7
2025	May	416	328	744	93,803	66,879	160,681	216.0	341.2
2025	Jun	400	320	720	125,239	75,310	200,549	278.5	436.6
2025	Jul	416	328	744	140,841	99,603	240,444	323.2	439.1
2025	Aug	416	328	744	125,307	75,616	200,924	270.1	406.1
2025	Sep	400	320	720	82,659	53,804	136,463	189.5	310.2
2025	Oct	432	312	744	72,783	47,717	120,500	162.0	228.8
2025	Nov	384	337	721	74,948	53,740	128,689	178.5	253.9
2025	Dec	416	328	744	90,534	66,011	156,544	210.4	311.5
2026	Jan	416	328	744	83,280	66,546	149,826	201.4	305.3
2026	Feb	384	288	672	76,049	52,278	128,328	191.0	309.5
2026	Mar	416	327	743	75,142	48,482	123,624	166.4	242.1
2026	Apr	416	304	720	76,878	49,840	126,717	176.0	241.4
2026	May	400	344	744	93,929	66,969	160,898	216.3	340.0
2026	Jun	416	304	720	125,407	75,411	200,819	278.9	435.5
2026	Jul	416	328	744	141,031	99,737	240,767	323.6	437.9
2026	Aug	416	328	744	125,476	75,718	201,194	270.4	404.9
2026	Sep	400	320	720	82,770	53,876	136,646	189.8	308.8
2026	Oct	432	312	744	72,881	47,782	120,662	162.2	227.1
2026	Nov	384	337	721	75,049	53,813	128,862	178.7	252.2
2026	Dec	416	328	744	90,655	66,100	156,755	210.7	309.8
2027	Jan	400	344	744	83,413	66,653	150,066	201.7	303.8
2027	Feb	384	288	672	76,171	52,362	128,533	191.3	308.1
2027	Mar	432	311	743	75,263	48,560	123,823	166.7	240.7
2027	Apr	416	304	720	77,001	49,919	126,920	176.3	240.0
2027	May	400	344	744	94,079	67,076	161,155	216.6	338.8
2027	Jun	416	304	720	125,608	75,532	201,141	279.4	434.5
2027	Jul	416	328	744	141,257	99,896	241,153	324.1	437.0
2027	Aug	416	328	744	125,677	75,840	201,516	270.9	403.9

Year	Month	HLH Hours	LLH Hours	Total Hours	HLH MWh	LLH MWh	Total MWh	Total aMW	Peak MW
2027	Sep	400	320	720	82,903	53,963	136,865	190.1	307.7
2027	Oct	416	328	744	72,998	47,858	120,856	162.4	226.0
2027	Nov	400	321	721	75,170	53,899	129,069	179.0	251.2
2027	Dec	416	328	744	90,801	66,205	157,006	211.0	309.0
2028	Jan	400	344	744	83,759	66,929	150,688	202.5	303.7
2028	Feb	400	296	696	76,487	52,579	129,066	185.4	297.0
2028	Mar	432	311	743	75,575	48,761	124,336	167.3	240.2
2028	Apr	400	320	720	77,320	50,126	127,446	177.0	239.4
2028	May	416	328	744	94,469	67,354	161,823	217.5	338.6
2028	Jun	416	304	720	126,129	75,845	201,974	280.5	434.6
2028	Jul	400	344	744	141,842	100,310	242,152	325.5	437.0
2028	Aug	432	312	744	126,197	76,154	202,351	272.0	403.8
2028	Sep	400	320	720	83,246	54,186	137,432	190.9	307.1
2028	Oct	416	328	744	73,300	48,056	121,356	163.1	225.1
2028	Nov	400	321	721	75,481	54,122	129,603	179.8	250.3
2028	Dec	400	344	744	91,177	66,480	157,657	211.9	308.2
2029	Jan	416	328	744	83,686	66,871	150,557	202.4	301.4
2029	Feb	384	288	672	76,420	52,533	128,954	191.9	305.7
2029	Mar	432	311	743	75,509	48,719	124,228	167.2	238.1
2029	Apr	400	320	720	77,253	50,083	127,336	176.9	237.3
2029	May	416	328	744	94,387	67,295	161,683	217.3	336.6
2029	Jun	416	304	720	126,019	75,779	201,799	280.3	432.5
2029	Jul	400	344	744	141,719	100,223	241,942	325.2	435.0
2029	Aug	432	312	744	126,088	76,088	202,176	271.7	401.9
2029	Sep	384	336	720	83,174	54,139	137,313	190.7	305.3
2029	Oct	432	312	744	73,236	48,015	121,251	163.0	223.4
2029	Nov	400	321	721	75,416	54,075	129,491	179.6	248.7
2029	Dec	400	344	744	91,098	66,422	157,520	211.7	306.6

## SECTION 2: BPA POWER COSTS

The District’s Power Sales Agreement with BPA is the single largest source of power. The District Commission approved the staff’s recommendation on September 27, 2022 to switch to Load Following effective October 1, 2023. The District will continue to rely on BPA for power resources, but the switch to the Load Following Product will provide greater certainty and less risk of power supply needs going forward. This October 2023 product switch with BPA is modeled throughout this Power Supply Plan.

BPA’s current power contracts are 20-year agreements, signed in 2008 and expiring September 30, 2028. In 2020, BPA launched the Provider of Choice initiative to provide a process and framework for Post-2028 BPA power contracts with its customers, and the District is actively participating in this process to consider our future resource portfolio and product options for Post-2028. BPA is anticipating Post-2028 contracts will be signed in 2025, therefore the District will determine which Post-2028 product will be available and select its new contract at that time. It is assumed for this Power Supply Plan that the District will be served under the load following product through calendar year 2029.

Below are the main BPA Power cost and revenue assumptions used for the District’s budget.

- Composite Charge:** This charge is designed to collect revenue for BPA based on the majority of its costs. It is based on the District’s Tier One Cost Allocator (TOCA) and the BPA Composite rate. TOCA is calculated as the lesser of the District’s Net Requirements (NR) and Rate Period High Water Mark (RHWM), divided by the sum of all of BPA’s customer’s RHWM. The NR is 212.387 aMW and RHWM is 200.923 aMW in FY2025. BPA’s forecast of the District’s total retail load for FY2025 is 213.306 aMW, with 200.923 aMW being served with BPA Tier 1 and an additional 11.464 aMW of above RHWM load. The RHWM is the limiting factor in FY2025-2029 when accounting for expected future load growth. The FY2025 TOCA is 2.84458% and the Composite Charge rate is \$2,075,946 / TOCA% / month. It is assumed the FY2026-2028 rate will be per the BP-26 initial proposal, a 4.0% increase over FY2025, and the FY2029 rate will be another 7% increase.
- Non-Slice Charge:** This “charge” is actually a credit. It is designed to return to customers certain BPA credits, primarily BPA’s sale of surplus and forecast resultant wholesale sales revenues. It is based on the District’s Non-Slice TOCA (NSTOCA) and the Non-Slice BPA Rate. The NSTOCA is the difference between the District’s TOCA (2.84458%) and its Slice percentage (0%). In FY2025, NSTOCA is 2.84458%. The Non-Slice Rate is (\$364,823) / NSTOCA % / month in FY2025. It is assumed the FY2026-2028 rate will be per the BP-26 initial proposal, a 5.2% cost increase over FY2025, and the FY2029 rate will remain the same.
- Load Shaping:** Under the TRM, the Load Shaping Charge only applies to Load Following and Block Products. The Composite and Non-Slice Rates assume that customers receive monthly diurnal BPA power based on the monthly diurnal critical water shape of the FCRPS. The monthly diurnal difference between the District’s load shape and the FCRPS shape will be multiplied by the BPA load shaping rate to determine the load shaping charge or credit. The load shaping rate is BPA’s rate case forecast of the Mid-C market, HLH and LLH. Monthly rates are assumed equal to FY2025 rates for Jan-Sep and BP-26 initial proposal rates for Oct-Dec, as shown below in **Table 2-1**.

**Table 2-1: BPA Load Shaping Rate (\$/kW/month)**

	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY26	FY26	FY26
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
HLH	\$49.88	\$50.32	\$35.07	\$20.42	\$18.21	\$17.87	\$55.60	\$71.52	\$58.70	\$50.63	\$39.53	\$47.63	
LLH	\$36.73	\$42.01	\$35.84	\$21.67	\$16.34	\$10.33	\$36.92	\$48.93	\$44.18	\$48.85	\$41.64	\$48.79	

4. **Demand:** Demand charges are based on the monthly peak and monthly average HLH from the 2024 Load Forecast model. Monthly rates (\$/kW/month) are assumed equal to FY2025 rates for Jan-Sep 2025 and BP-26 initial proposal rates for Oct-Dec 2025, as shown below in **Table 2-2**.

**Table 2-2: BPA Demand Rate**

FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY25	FY26	FY26	FY26
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Dec
<b>\$10.84</b>	\$10.93	\$7.62	\$4.43	\$3.95	\$3.88	\$12.08	\$15.54	\$12.75	\$13.81	\$10.78	\$12.99	

5. **Tier 2:** The District has elected to take Tier 2 energy from BPA to serve its above RHW needs. The District’s above RHW needs and Tier 2 rate assumptions, including BP-26 initial proposal rates for FY2026-2029, are shown below in **Table 2-3**.

**Table 2-3: BPA Tier 2**

	FY2025	FY2026	FY2027	FY2028	FY2029
<b>Above RHW aMW</b>	11.464	10.666	11.564	11.740	1.920
<b>Tier 2 \$/MWh</b>	\$60.25	\$70.66	\$67.40	\$67.70	\$75.00

6. **Irrigation Rate Discount:** This credit is received each year from May through September. It is computed based on the energy values in Exhibit D of the BPA Contract. The FY2025 rate of \$11.57 per MWh is assumed for CY2025, then the BP-26 initial proposal rate of \$11.96 per MWh is assumed for the remaining years. The monthly and annual credit amounts are shown below in **Table 2-4**.

**Table 2-4: Irrigation Rate Discount**

	May	Jun	Jul	Aug	Sep	Annual Total
<b>Exhibit D (kWh)</b>	53,115,401	75,243,324	89,003,560	62,842,958	32,033,957	312,239,200
<b>CY2025 (\$)</b>	(\$614,545)	(\$870,565)	(\$1,029,771)	(\$727,093)	(\$370,633)	(\$3,612,607)
<b>CY2026-2029 (\$)</b>	(\$635,260)	(\$899,910)	(\$1,064,483)	(\$751,602)	(\$383,126)	(\$3,734,381)

7. **Prepayment Credit:** The District entered into an agreement with BPA to prepay for the future delivery of power under its existing power sales contract. The District made a lump-sum up-front payment of \$6.8 million to receive a total of \$9.3 million in credits through September 2028. The variance between the total paid and the credits received results in a credit of \$13,348 per month (\$161,256 per year) for the remainder of the contract.
8. **BPA Cost Recovery Adjustment Charge (CRAC):** BPA rates have the provision for an adjustment to the base rates if BPA is projecting end of year reserve for risk levels lower than \$0M. The end of year forecast is updated in each Quarterly Business Review and is currently not expected to trigger.
9. **Financial Reserve Policy (FRP) Surcharge:** BPA added the FRP surcharge in the BP-20 rate case. It is a provision to add \$30M to rates if power reserves for risk are below 60 days cash on hand. The FRP is not expected to be called.
10. **Reserve Distribution Clause (RDC) Credit:** No RDC credit is assumed for CY2025.

## SECTION 3: NON-BPA RESOURCE COSTS

The sections to follow include a summary of each non-BPA resource and its budgeted costs. The District’s non-BPA resource contracts are summarized below in **Table 3-1**.

**Table 3-1: Summary of Non-BPA Resource Contracts**

Contract Name	Contract #	Capacity (MW)	Annual Energy (aMW)	Contract End Date
Packwood Hydroelectric	11-51-14	3.7	0.919 <sup>3</sup>	Ongoing
Nine Canyon Wind - Phase I	01-51-13	3	1	7/1/2030
Nine Canyon Wind - Phase III	01-51-13	6	2	7/1/2030
White Creek Wind - LL&P	07-45-04	3	1	1/1/2028
White Creek Wind - WCWI	08-51-19	6	2	11/21/2027
Seasonal Capacity Product	19-51-04	75 (Jul, Aug) 25 (Dec, Jan, Feb)	n/a	8/31/2025

### PACKWOOD HYDROELECTRIC

The Packwood Lake Hydroelectric Project (Packwood) is a hydroelectric generating facility with a nameplate capacity of 26.125 MW that is owned and operated by Energy Northwest (ENW), a State of Washington Joint Operating Agency. The project is located 5 miles east of Packwood, WA in Gifford Pinchot National Forest. Project participants include Benton PUD, Clallam PUD, Clark PUD, Ferry PUD, Franklin PUD, Kittitas PUD, Klickitat PUD, Lewis PUD, Mason PUD No. 3, Skamania PUD, Snohomish PUD, and Wahkiakum PUD. Packwood’s fiscal year is July through June. Benton PUD owns a 14% share of the output from the Packwood Hydroelectric Project, equating to approximately 3.66 MW of generating capacity. The expected average output from Packwood is approximately 1 aMW of energy. This project currently does not qualify as a renewable resource under State of Washington’s EIA. The project is a dedicated resource as specified within the District’s BPA load following contract.

**Table 3-2** below shows the cost assumptions for the District’s share of the Packwood Hydroelectric Project. In addition to the ENW costs, Packwood has costs for BPA Resource Support Services (RSS), which includes Transmission Scheduling Service (TSS) and Secondary Crediting Service (SCS). SCS typically provides an annual credit, assuming average water, due to Packwood generation exceeding its BPA contract amount. Packwood also has transmission costs (loss returns), as described in that section, but not included here.

**Table 3-2: Packwood Annual Costs**

Calendar Year	ENW	BPA RSS	Total	MWh	\$/MWh
2025	\$517,818	(\$78,943)	\$438,875	11,130	\$39.43
2026	\$517,488	(\$81,322)	\$436,166	11,130	\$39.19
2027	\$533,010	(\$81,273)	\$451,737	11,130	\$40.59
2028	\$549,000	(\$81,832)	\$467,168	11,160	\$41.86
2029	\$571,044	(\$81,161)	\$489,883	11,130	\$44.02

<sup>3</sup> Packwood is 0.919 aMW under critical water (per Exhibit A of BPA contract). Assume 1.27 aMW based on recent 5-year average.



## NINE CANYON WIND

The Nine Canyon Wind Project is situated on dry land wheat farms approximately eight miles southeast of Kennewick, WA in the Horse Heaven Hills. The District began purchasing renewable energy from Phase 1 of the project in 2002, when a Power Purchase Agreement was signed with Energy Northwest, a State of Washington Joint Operating Agency, for 3 MW of generating capacity for a commitment continuing through June 30, 2023. On October 30, 2006, the District signed an Amended and Restated Agreement with Energy Northwest, and the other purchasers, which extended the term of the Agreement through July 1, 2030 (with rights to extend the agreement in additional five-year terms). In 2008, the District contracted to purchase an additional 6 MW of generating capacity (approximately 2 aMW of energy) from Phase 3 of the project.

**Table 3-3** below shows the annual cost of output purchased from each phase of the Nine Canyon Wind Project and the estimated BPA transmission Energy Imbalance Market (EIM) charges passed through from Energy Northwest. The annual MWh is based on the recent 5-year average generation.

**Table 3-3: Nine Canyon Annual Costs**

Calendar						
Year	Phase 1	Phase 3	BPA EIM	Total	MWh	\$/MWh
2025	\$ 289,122	\$ 1,334,472	\$ 125,652	\$ 1,751,271	19,832	\$ 88.31
2026	\$ 289,152	\$ 1,334,472	\$ 125,652	\$ 1,749,276	19,832	\$ 88.20
2027	\$ 289,152	\$ 1,334,472	\$ 125,652	\$ 1,749,276	19,832	\$ 88.20
2028	\$ 289,152	\$ 1,334,472	\$ 125,652	\$ 1,749,276	19,832	\$ 88.20
2029	\$ 256,524	\$ 1,511,922	\$ 125,652	\$ 1,894,098	19,832	\$ 95.51

Nine Canyon Wind Project is a renewable energy source with Environmental Attributes that qualify under the State of Washington's Energy Independence Act (EIA) and will help the District meet its renewable energy requirement under this Act. The District intends to sell the energy, rather than take to load, associated with its contractual share of generation and to retain the Environmental Attributes for its EIA compliance. The assumed annual wind sales revenue is shown below in **Table 3-4**.

**Table 3-4: Nine Canyon Annual Sales**

2025	2026	2027	2028	2029
\$ (991,945)	\$ (1,107,899)	\$ (1,130,105)	\$ (1,118,849)	\$ (1,119,258)

## WHITE CREEK WIND

In 2007 Benton PUD entered a 20-year contract with Lakeview Light & Power (LL&P Wind Energy, Inc.) to purchase 3 MW of generating capacity from the White Creek Wind Project located near Goldendale, WA. This purchase produces approximately 1 aMW of energy.

**Table 3-5** below is a breakdown of the costs for White Creek – LL&P. The contract has a fixed cost (\$/MWh) schedule escalating by 2% each calendar year. The contract expires January 1, 2028, however, operation is assumed through November 2027, consistent with the other White Creek contract.

**Table 3-5: White Creek – LL&P Annual Costs**

Calendar Year	Contract \$/MWh	Estimated MWh	Total
2025	\$ 72.77	8,760	\$ 637,465
2026	\$ 74.23	8,760	\$ 650,255
2027	\$ 75.71	8,030	\$ 607,951

In 2008 Benton PUD signed an agreement to purchase 6 MW of generating capacity from the White Creek Wind I Project (WCWI) for a period of 19 years, with the option to purchase part of the project beginning in 2017 and each year thereafter. To date, the District has not elected to exercise this option and does not anticipate exercising the option. WCWI produces approximately 2 aMW of energy.

**Table 3-6** below is a breakdown of the costs for WCWI. Benton PUD paid Klickitat PUD (a project owner) a lump sum for the capital component, so these amortized capital costs are fixed. Operations and maintenance (O&M) costs escalate between 2-4% each year. O&M also includes the cost of Renewable Energy Credits and an assumed \$4,000 cash call. The contract expires at the end of November 2027.

**Table 3-6: White Creek - WCWI Annual Costs**

Calendar Year	Amortized Capital	O&M Expense	Total	MWh	\$/MWh
2025	\$ 578,400	\$ 603,866	\$ 1,182,266	17,520	\$ 67.48
2026	\$ 578,400	\$ 621,862	\$ 1,200,262	17,520	\$ 68.51
2027	\$ 530,200	\$ 587,032	\$ 1,117,232	17,520	\$ 63.77

Both White Creek projects are renewable energy sources with Environmental Attributes that qualify under the State of Washington’s EIA and will help the District meet its renewable energy requirement under this Act. The District intends to sell the energy, rather than take to load, associated with its contractual share of generation and to retain the Environmental Attributes for its EIA compliance. The assumed annual wind sales revenue is shown below in **Table 3-8**.

**Table 3-8: White Creek Annual Sales**

2025	2026	2027	2028	2029
\$ (1,188,096)	\$ (1,324,421)	\$ (1,251,607)	\$ -	\$ -

The White Creek wind project has additional annual costs associated with long-term firm transmission, as described in that section.

## SEASONAL CAPACITY PRODUCT

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Under the BPA Slice/Block product, the District’s resource portfolio experienced significant seasonal capacity deficits, depending on the region’s hydrological conditions and seasonal temperatures. Renewable energy resources such as wind and solar cannot wholly address these deficits due to the intermittent nature of these technologies, specifically during long duration summer heat and winter cold events that often occur within our service territory.

The seasonal capacity product is a daily call option that provided 75 MW in summer and 25 MW in winter to meet seasonal peaking deficits. The contract period started in December 2022 and ends in August 2025. With the District’s BPA product switch to the Load Following contract, there will no longer be a need to address capacity deficits, as those would fall under the responsibility of BPA. The District has contracted with The Energy Authority, Inc. to resell this capacity at a premium compared to the original contract, resulting in net revenue to the District.

The annual cost and revenue for the seasonal capacity product is shown below in **Table 3-8**.

*Table 3-8: Seasonal Capacity Product Cost/(Revenue)*

Calendar Year	Expense	Revenue	Net Revenue
2025	\$ 750,000	\$ (1,281,250)	\$ (531,250)

## RENEWABLE ENERGY CREDITS

To comply with the Renewable Portfolio Standard (RPS) requirements of Washington’s Energy Independence Act (EIA), the District must meet at least 15% of its prior two-year average load with qualifying renewable energy resources, or renewable energy credits (RECs). The District’s qualifying EIA resources include Nine Canyon Wind and White Creek Wind. The District intends to retain the RECs generated from these projects, while selling its contractual share of the energy generated. From BPA, the District is entitled to approximately 12,000 wind RECs and 20,000 incremental hydro RECs. BPA’s incremental hydro RECs must be used for compliance in the year they are generated. The District also has the following REC contracts in place:

1. *Emerald City Renewables (previously Biofuels)* – Contract to purchase ~33,000 unbundled RECs per year from the variable output of the landfill gas plant, from 2016 through 2025, at a cost of \$13.47 ea. in 2025. The facility qualifies under EIA as distributed generation, therefore, doubling its EIA qualifying RECs to ~66,000 per year.
2. *3Degrees Group, Inc.* - Firm contract to purchase 60,000 unbundled RECs per year, from 2019 through 2028, at a cost of \$5.90/REC.
3. *RPS Advisors* - Firm contract to purchase 40,000 unbundled RECs per year, from 2020 through 2029, at a cost of \$5.50 ea.
4. *White Creek Wind* – Contract with TEA to sell White Creek Wind (WCW) RECs to California and to purchase replacement RECs for our Washington RPS needs. This is a one-year contract for 2025.

Wind generation can vary year to year and therefore REC generation also varies year to year. If RECs are under-delivered during a year, the District may rely on the market to secure the requisite EIA compliant RECs. Buying additional RECs can help mitigate the losses from the poor wind years and increasing curtailments.

The District is planning for two new REC contracts to meet its RPS and Clean Energy Transformation Act (CETA) targets going forward. A detailed discussion of the District’s REC net position is available within the District’s 2024 Resource Plan (see footnote 2 in the Executive Summary). This budget assumes a new 10-year REC contract for 35,000 RECs starting in 2026 and another new 10-year contract for 30,000 RECs starting in 2027. The new RECs are assumed to be \$16.00 each. The annual budget for the existing and planned contracts is shown below in **Table 3-9**.

**Table 3-9: Renewable Energy Credit Annual Costs**

Contract	2025	2026	2027	2028	2029
Emerald City	\$ 444,510				
3 Degrees	\$ 354,000	\$ 354,000	\$ 354,000	\$ 354,000	
RPS Advisors	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000
TEA WCW Replace	\$ 325,000				
TEA WCW Sale	\$ (1,083,195)				
New Contract1		\$ 560,004	\$ 560,004	\$ 560,004	\$ 560,004
New Contract2			\$ 480,000	\$ 480,000	\$ 480,000
WREGIS fees	\$ 1,050	\$ 1,082	\$ 1,114	\$ 1,147	\$ 1,182
<b>Total</b>	<b>\$ 261,365</b>	<b>\$ 1,135,086</b>	<b>\$ 1,615,118</b>	<b>\$ 1,615,151</b>	<b>\$ 1,261,186</b>

## SECTION 4: TRANSMISSION COSTS

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Below are the District's major transmission cost and revenue budget assumptions:

- 1) **Network Integration (NT) Service Charge:** The District has executed BPA's NT Transmission Service Agreement for service from October 1, 2023 through September 30, 2031 (Contract #22-51-02, BPA #22TX-17226). The BP-26 initial proposal rate is assumed for the FY2026-2028 period, a 21.0% rate increase. Another 7% rate increase is assumed for FY2029. The NT billing determinant is based on the District's load coincident with BPA's transmission system peak and is assumed to be 92.0% of the District's non-coincident system peak forecast.
- 2) **NT Scheduling, Control & Dispatch (SCD):** The BP-26 initial proposal rate is assumed for the FY2026-2028 period, a 24.4% rate increase. Another 7% rate increase is assumed for FY2029.
- 3) **Point-to-Point (PTP) Long Term Firm:** The District retains a 1 MW PTP contract (#02-51-22, BPA #97TX-10041) for service that was not eligible for conversion to NT. Assumes BP-26 initial proposal rate changes and 7% increase for FY2029.
- 4) **PTP Long Term Firm SCD:** Assumes BP-26 initial proposal rates changes and 7% increase for FY2029.
- 5) **Regulation & Frequency Response:** Assumes BP-26 initial proposal rate changes and 7% increase for FY2029.
- 6) **Operating Reserves – Spinning:** Spinning Reserves are 3% of total transmission schedules for generation and 3% of schedules for load. Assumes BP-26 initial proposal rate changes and 7% increase for FY2029.
- 7) **Operating Reserves – Supplemental:** Like spinning reserves, supplemental reserves are 3% of total transmission schedules for generation and 3% of schedules for load. Assumes BP-26 initial proposal rate changes and 7% increase for FY2029.
- 8) **Reliability Coordinator Services – RC West:** Assumes BP-26 initial proposal rate changes and 7% increase for FY2029.
- 9) **Compliance Services – WECC:** Assumes BP-26 initial proposal rate changes and 7% increase for FY2029.
- 10) **Energy Imbalance Market (EIM):** Assumes no net annual EIM charges.
- 11) **Packwood Real Power Losses:** Transmission loss returns purchased annually from BPA Power Services. (Contract #23-51-04, BPA WSPP #DE-MS79-91BP93445)
- 12) **White Creek to Rock Creek - Klickitat PUD (KPUD):** Cost of contract for long-term firm transmission from White Creek Wind to Rock Creek Substation. (Contract #10-51-22)
- 13) **Transfer Service Delivery Charge for DOE-251:** The BPA point-of-delivery that serves the District's Rattlesnake Mountain 13.8 kV distribution circuit is served via BPA transfer service through the Department of Energy (DOE) Richland 251 Substation. The BPA power bill includes a low voltage delivery service charge. BPA and DOE have a General Transfer Agreement (BPA #14-03-58624). Assumes an end to this charge starting in FY2026, per the BP-26 initial proposal.
- 14) **Transfer River System Credit – Benton REA (BREA) & KPUD:** This credit is a line item on the BPA Power bill, related to BPA using the District's river transmission system to provide transfer service to

Benton REA and Klickitat PUD. BPA and the District have a General Transfer Agreement (Contract #05-51-04, BPA #14-03-79117).

- 15) **Use of Facilities – BRE**A: The District has an “Interconnection and Use of Facilities Agreement” with BRE A. The District has a 12.47 kV served from BRE A’s Sunheaven #2 substation and BRE A has 12.47 kV feeders served from the District’s Prosser Bay #2 and Whitcomb Bay #2 substations. Annual net billing is performed per the contract terms. (Contract #98-23-06)

## SECTION 5: OTHER POWER COSTS

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The District’s “Other Power Costs” fall into one of three categories:

- 1) **BPUD Internal:** The District’s internal power supply related costs (e.g. labor and benefits, training and travel, industry dues/memberships, audit costs, etc.).
- 2) **BPUD Consulting:** The District budgets for potential consulting services. Consulting expenditures are for non-recurring work items, and/or work items where the level of effort is more difficult to predict. Consulting charges are typically billed at hourly billing rates multiplied by actual hours worked. The consulting budget includes charges for third-party vendors such as attorneys and some consulting work that may be contracted through The Energy Authority, Inc. (TEA) in support of the District’s and possibly others’ power and risk management requirements.
- 3) **TEA Resource Management Agreement (RMA)** - TEA provides resource management services to the District at a fixed cost with escalation terms.

## SECTION 6: CONSERVATION

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The District’s conservation program and expected BPA reimbursement are shown below in **Table 6-1**.

*Table 6-1: Conservation Annual Costs*

Calendar Year	BPUD Conservation Program	BPA Energy Efficiency Incentive	Net Conservation
2025	\$2,144,200	\$(1,850,000)	\$294,200
2026	\$2,597,017	\$(2,140,000)	\$457,017
2027	\$2,256,410	\$(1,850,000)	\$406,410
2028	\$2,727,568	\$(2,140,000)	\$587,568
2029	\$2,374,231	\$(1,850,000)	\$524,231

## SECTION 7: FIVE-YEAR BUDGET DETAIL

The District's five-year budget detail of net power costs is shown below in **Table 7-1**.

**Table 7-1: Five-Year Budget Detail of Net Power Costs**

Cost Category - Description	Account	2025	2026	2027	2028	2029
<b>BPA Power</b>						
Composite Charge	555.07	\$ 71,550,046	\$ 73,613,183	\$ 73,613,183	\$ 75,496,235	\$ 81,145,391
Non-Slice Charge (Credit)	555.08	\$ (12,287,629)	\$ (11,790,859)	\$ (11,790,859)	\$ (11,879,901)	\$ (12,147,025)
Load Shaping HLH	555.1	\$ (188,936)	\$ (1,635,149)	\$ (1,690,949)	\$ (1,507,490)	\$ (1,007,546)
Load Shaping LLH	555.11	\$ 1,384,769	\$ 2,740,605	\$ 2,680,169	\$ 2,911,224	\$ 3,486,326
Demand	555.05	\$ 4,146,959	\$ 4,327,087	\$ 4,084,672	\$ 3,710,888	\$ 3,568,997
Tier 2	555.06	\$ 6,189,649	\$ 6,658,948	\$ 6,861,647	\$ 5,543,893	\$ 1,301,533
Irrigation Rate Discount	555.12	\$ (3,612,607)	\$ (3,734,381)	\$ (3,734,381)	\$ (3,734,381)	\$ (3,734,381)
BPA Prepay Credit	555.72	\$ (161,256)	\$ (161,256)	\$ (161,256)	\$ (120,942)	\$ -
BPA Adjustments - CRAC/RDC	555/555.09	\$ -	\$ -	\$ -	\$ -	\$ -
<b>BPA Power Subtotal</b>		<b>\$ 67,020,995</b>	<b>\$ 70,018,178</b>	<b>\$ 69,862,226</b>	<b>\$ 70,419,527</b>	<b>\$ 72,613,295</b>
<b>Non-BPA Resources</b>						
Packwood Hydro	555.5	\$ 438,875	\$ 436,166	\$ 451,737	\$ 467,168	\$ 489,883
Nine Canyon Wind	555.5	\$ 1,749,246	\$ 1,749,276	\$ 1,749,276	\$ 1,749,276	\$ 1,894,098
White Creek Wind	555.5	\$ 1,819,731	\$ 1,850,517	\$ 1,725,183	\$ -	\$ -
REC Purchases	555.52	\$ 1,344,560	\$ 1,135,086	\$ 1,615,118	\$ 1,615,151	\$ 1,615,186
Power Market Purchases	555.5	\$ 750,000	\$ -	\$ -	\$ -	\$ -
Power Market Sales	447.1	\$ (3,461,291)	\$ (2,432,321)	\$ (2,381,713)	\$ (1,118,849)	\$ (1,119,258)
REC Sales	456.5	\$ (1,083,195)	\$ -	\$ -	\$ -	\$ -
<b>Non-BPA Resources Subtotal</b>		<b>\$ 1,557,926</b>	<b>\$ 2,738,724</b>	<b>\$ 3,159,601</b>	<b>\$ 2,712,746</b>	<b>\$ 2,879,909</b>
<b>Transmission</b>						
Network Integration (NT) Service Charge	565.05	\$ 7,468,290	\$ 8,622,677	\$ 8,591,281	\$ 8,679,973	\$ 9,124,292
NT Scheduling, Control & Dispatch (SCD)	565.05	\$ 1,440,206	\$ 1,698,566	\$ 1,692,381	\$ 1,709,853	\$ 1,797,378
Point-to-Point (PTP) Long Term Firm	565.05	\$ 21,108	\$ 25,104	\$ 25,104	\$ 25,543	\$ 26,861
PTP Long Term Firm SCD	565.05	\$ 4,083	\$ 4,956	\$ 4,956	\$ 5,043	\$ 5,303
Regulation & Frequency Response	565.05	\$ 807,706	\$ 750,040	\$ 751,241	\$ 765,795	\$ 806,458
Spinning Reserves	565.05	\$ 668,133	\$ 767,761	\$ 768,671	\$ 779,027	\$ 820,390
Supplemental Reserves	565.05	\$ 413,977	\$ 397,238	\$ 397,709	\$ 403,067	\$ 424,468
Reliability Coordinator Services RC West	565.05	\$ 74,903	\$ 75,004	\$ 75,124	\$ 76,579	\$ 80,646
Compliance Services-WECC	565.05	\$ 66,789	\$ 37,502	\$ 37,562	\$ 38,290	\$ 40,323
Energy Imbalance Market	565.05	\$ -	\$ -	\$ -	\$ -	\$ -
Packwood Real Power Losses	565.05	\$ 14,220	\$ 14,220	\$ 14,220	\$ 14,220	\$ 14,220
White Creek to Rock Creek KPUD	565.5	\$ 48,336	\$ 48,318	\$ 42,841	\$ -	\$ -
Transfer Service Delivery Charge DOE-251	565.3	\$ 733	\$ -	\$ -	\$ -	\$ -
Transfer River System Credit BREA/KPUD	456.1	\$ (181,848)	\$ (181,848)	\$ (181,848)	\$ (181,848)	\$ (181,848)
Use of Facilities BREA	456.1	\$ (1,700)	\$ (1,700)	\$ (1,700)	\$ (1,700)	\$ (1,700)
<b>Transmission Subtotal</b>		<b>\$ 10,844,936</b>	<b>\$ 12,257,837</b>	<b>\$ 12,217,543</b>	<b>\$ 12,313,843</b>	<b>\$ 12,956,792</b>
<b>Other Power Costs</b>						
BPUD Internal	557	\$ 1,010,338	\$ 1,040,648	\$ 1,071,867	\$ 1,104,023	\$ 1,137,144
BPUD Consulting	557	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
TEA Resource Management Agreement	557.01	\$ 424,000	\$ 449,440	\$ 476,406	\$ 504,990	\$ 535,289
<b>Other Power Costs Subtotal</b>		<b>\$ 1,494,338</b>	<b>\$ 1,550,088</b>	<b>\$ 1,608,273</b>	<b>\$ 1,669,013</b>	<b>\$ 1,732,433</b>
<b>Conservation</b>						
BPUD Conservation Program	908.3x	\$ 2,144,200	\$ 2,597,017	\$ 2,256,410	\$ 2,727,568	\$ 2,374,231
BPA Energy Efficiency Incentive	557.71	\$ (1,850,000)	\$ (2,140,000)	\$ (1,850,000)	\$ (2,140,000)	\$ (1,850,000)
<b>Conservation Subtotal</b>		<b>\$ 294,200</b>	<b>\$ 457,017</b>	<b>\$ 406,410</b>	<b>\$ 587,568</b>	<b>\$ 524,231</b>
<b>Total Net Power Costs</b>		<b>\$ 81,212,395</b>	<b>\$ 87,021,844</b>	<b>\$ 87,254,053</b>	<b>\$ 87,702,697</b>	<b>\$ 90,706,660</b>

## SECTION 8: COMPARISON TO LAST YEAR

The District's 2025 budget compared to the 2024 original budget is shown below in **Table 8-1**.

**Table 8-1: Comparison to Last Year's Budget**

Cost Category - Description	Account	2025	2024 Original Budget	Cost \$ Increase/ (Decrease)	Cost % Change	Notes
<b>BPA Power</b>						
Composite Charge	555.07	\$ 71,550,046	\$ 70,862,334	\$ 687,712	1%	BP-26 rate increase for Oct-Dec 2025
Non-Slice Charge (Credit)	555.08	\$ (12,287,629)	\$ (12,453,219)	\$ 165,590	1%	"
Load Shaping HLH	555.1	\$ (188,936)	\$ (335,609)	\$ 146,673	44%	New load forecast/shape and BP-26 monthly rate changes and new BP-26 RHWM/BPA system shape
Load Shaping LLH	555.11	\$ 1,384,769	\$ 577,762	\$ 807,007	140%	"
Demand	555.05	\$ 4,146,959	\$ 3,677,524	\$ 469,435	13%	New load forecast/shape and BP-26 monthly rate changes
Tier 2	555.06	\$ 6,189,649	\$ 5,824,995	\$ 364,654	6%	BP-26 rate increase and new BP-26 RHWM for Oct-Dec 2025
Irrigation Rate Discount	555.12	\$ (3,612,607)	\$ (3,612,608)	\$ 1	0%	
BPA Prepay Credit	555.72	\$ (161,256)	\$ (161,256)	\$ -	0%	
BPA Adjustments - CRAC/RDC	555/555.09	\$ -	\$ -	\$ -	n/a	
<b>BPA Power Subtotal</b>		<b>\$ 67,020,995</b>	<b>\$ 64,379,923</b>	<b>\$ 2,641,072</b>	<b>4.1%</b>	
<b>Non-BPA Resources</b>						
Packwood Hydro	555.5	\$ 438,875	\$ 494,361	\$ (55,486)	-11%	Missing from 2024 and updated for BP-26 monthly load shaping rates
Nine Canyon Wind	555.5	\$ 1,749,246	\$ 1,821,595	\$ (72,349)	-4%	
White Creek Wind	555.5	\$ 1,819,731	\$ 1,798,786	\$ 20,945	1%	
REC Purchases	555.52	\$ 1,344,560	\$ 1,234,721	\$ 109,839	9%	Added TEA White Creek REC expense
Power Market Purchases	555.5	\$ 750,000	\$ 843,750	\$ (93,750)	-11%	Capacity option ends in Aug 2025
Power Market Sales	447.1	\$ (3,461,291)	\$ (3,878,125)	\$ 416,834	11%	Updated wind sales revenue and no Dec capacity option revenue
REC Sales	456.5	\$ (1,083,195)	\$ -	\$ (1,083,195)	n/a	Added TEA White Creek REC revenue
<b>Non-BPA Resources Subtotal</b>		<b>\$ 1,557,926</b>	<b>\$ 2,315,088</b>	<b>\$ (757,162)</b>	<b>-33%</b>	
<b>Transmission</b>						
Network Integration (NT) Service Charge	565.05	\$ 7,468,290	\$ 7,674,743	\$ (206,453)	-3%	New load forecast and change to using 92% of non-coincident peak (was 100%); and BP-26 rate increase
NT Scheduling, Control & Dispatch (SCD)	565.05	\$ 1,440,206	\$ 1,469,953	\$ (29,747)	-2%	"
Point-to-Point (PTP) Long Term Firm	565.05	\$ 21,108	\$ 19,776	\$ 1,332	7%	BP-26 rates changes for Oct-Dec 2025
PTP Long Term Firm SCD	565.05	\$ 4,083	\$ 3,792	\$ 291	8%	"
Regulation & Frequency Response	565.05	\$ 807,706	\$ 817,083	\$ (9,377)	-1%	New load forecast and BP-26 rate changes for Oct-Dec 2025
Spinning Reserves	565.05	\$ 668,133	\$ 636,622	\$ 31,511	5%	"
Supplemental Reserves	565.05	\$ 413,977	\$ 415,965	\$ (1,988)	0%	"
Reliability Coordinator Services RC West	565.05	\$ 74,903	\$ 74,280	\$ 623	1%	"
Compliance Services-WECC	565.05	\$ 66,789	\$ 74,280	\$ (7,491)	-10%	"
Energy Imbalance Market	565.05	\$ -	\$ 192,000	\$ (192,000)	-100%	Not needed
Packwood Real Power Losses	565.05	\$ 14,220	\$ -	\$ 14,220	n/a	Missing from 2024
White Creek to Rock Creek KPUD	565.5	\$ 48,336	\$ 48,369	\$ (33)	0%	
Transfer Service Delivery Charge DOE-251	565.3	\$ 733	\$ 1,026	\$ (293)	-29%	
Transfer River System Credit BREA/KPUD	456.1	\$ (181,848)	\$ (191,088)	\$ 9,240	5%	
Use of Facilities BREA	456.1	\$ (1,700)	\$ -	\$ (1,700)	n/a	Missing from 2024
PTP Short Term Purchases	565.5	\$ -	\$ 117,157	\$ (117,157)	-100%	Not needed
PTP Long Term Firm Sales	456.1	\$ -	\$ (20,642)	\$ 20,642	-100%	Not needed
<b>Transmission Subtotal</b>		<b>\$ 10,844,936</b>	<b>\$ 11,333,316</b>	<b>\$ (488,380)</b>	<b>-4.3%</b>	
<b>Other Power Costs</b>						
BPUD Internal	557	\$ 1,010,338	\$ 1,028,172	\$ (17,834)	-2%	
BPUD Consulting	557	\$ 60,000	\$ 50,000	\$ 10,000	20%	
TEA Resource Management Agreement	557.01	\$ 424,000	\$ 400,000	\$ 24,000	6%	Contract escalation
<b>Other Power Costs Subtotal</b>		<b>\$ 1,494,338</b>	<b>\$ 1,478,172</b>	<b>\$ 16,166</b>	<b>1.1%</b>	
<b>Conservation</b>						
BPUD Conservation Program	908.3x	\$ 2,144,200	\$ 2,362,683	\$ (218,483)	-9%	
BPA Energy Efficiency Incentive	557.71	\$ (1,850,000)	\$ (2,040,000)	\$ 190,000	-9%	
<b>Conservation Subtotal</b>		<b>\$ 294,200</b>	<b>\$ 322,683</b>	<b>\$ (28,483)</b>	<b>-8.8%</b>	
<b>Total Net Power Costs</b>		<b>\$ 81,212,395</b>	<b>\$ 79,829,182</b>	<b>\$ 1,383,213</b>	<b>1.7%</b>	