AGENDA
BENTON COUNTY PUBLIC UTILITY DISTRICT NO. 1
REGULAR COMMISSION MEETING

Tuesday, May 13, 2025, 9:00 AM
2721 West 10th Avenue, Kennewick, WA

The meeting is also available via MS Teams
The conference call line (audio only) is:
1-323-553-2644; Conference ID: 649 302 643#

1. **Call to Order**
2. **Pledge of Allegiance**
3. **Agenda Review**

4. **Public Comment**

(Individuals desiring to provide public comment during the meeting on items relating to District business, whether in person or remotely will be recognized by the Commission President and provided an opportunity to speak. Comments are limited to five minutes. Public Comment can also be sent to the Clerk of the Board in advance of the meeting at commission@bentonpud.org. Guidelines for Public Participation can be found on the Benton PUD District website at https://www.bentonpud.org/About/Commission/Meeting-Agendas-Minutes.)

5. **Treasurer's Report** pg. 3

6. **Approval of Consent Agenda**

(All matters listed within the Consent Agenda have been distributed to each member of the Commission for reading and study, are considered routine, and will be enacted by one motion of the Commission with no separate discussion. If separate discussion is desired by any member of the Commission, that item will be removed from the Consent Agenda and placed on the Regular Agenda by request.)

7. **Management Report**

8. Business Agenda

a. 2025 Energy Independence Act Compliance Reports – Chris Johnson pg. 86

b. BPA Provider of Choice – Chris Johnson pg. 91

c. Resolution No. 2694 – 2025 Load Forecast for 2025-2035 – Blake Scherer pg. 94

d. Line Extension and Facilities Construction Policy Review – Jon Meyer pg. 142

9. Other Business
10. Future Planning
11. Meeting Reports
12. Executive Session
13. Adjournment

(To request an accommodation to attend a commission meeting due to a disability, contact dunlapk@bentonpud.org or call (509) 582-1270, and the District will make every effort to reasonably accommodate identified needs.)

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON CO., WA.

TREASURER'S REPORT TO COMMISSION FOR APRIL 2025

May 6, 2025

Final

REVENUE FUND:		RECEIPTS	DISBURSEMENTS	BALANCE
04/01/25	**Cash Balance**			$ 9,474,791.48
	Collections	$ 11,382,146.99		
	Bank Interest Earned	5,968.25		
	Investments Matured	9,058,950.73		
	Miscellaneous - BAB's Subsidy	-		
	Transfer from Debt Service Fund	1,781,631.45		
	EFT Taxes		$ 888,394.69	
	Checks Paid		797,165.28	
	Debt Service to Unrestricted		1,781,631.45	
	Debt Service to Restricted		558,950.73	
	Investments Purchased		5,629,483.39	
	Deferred Compensation		231,094.07	
	Department of Retirement Systems		226,062.73	
	Purchase Inv		-	
	Special Fund-Construction Funds		-	
	Purchased Power		10,610,398.64	
	Direct Deposit - Payroll & AP		5,046,036.36	
	Credit Card Fees		42,722.15	
	Miscellaneous - Debt Service Interest Payment (1.78M)		1,781,631.45	
	Sub-total	$ 22,228,697.42	$ 27,593,570.94	
04/30/25	**Cash Balance**			**$ 4,109,917.96**

Investment Activity	Balance 04/01/25	Purchased	Matured	LGIP Interest	Balance 04/30/25
	$50,232,019.11	6,058,950.73	9,058,950.73	$129,483.39	**$47,361,502.50**

Check Activity	Balance 04/01/25	Issued	Redeemed	Cancelled*	Balance 04/30/25
	$75,173.74	$899,347.96	$797,165.28	$1,482.00	**$175,874.42**

Unrestricted Reserves:	04/01/25	04/30/25	Change
Minimum Operating Reserves (90 DCOH) Incl. RSA(1)	$ 32,771,070.00	$ 32,771,070.00	$ -
Designated Reserves (Customer Deposits Account)	1,900,000.00	1,900,000.00	-
Designated Reserves (Power Market Volatility Account)	5,000,000.00	5,000,000.00	-
Designated Reserves (Special Capital Account)	10,766,308.29	10,766,308.29	-
Undesignated Reserves (Climate Commitment Act)	3,626,558.84	3,626,558.84	-
Undesignated Reserves (DCOH -10 days)(2)	2,848,119.82	(4,164,589.59)	(7,012,709.41)
Unrestricted Reserves Total	**$ 56,912,056.95**	**$ 49,899,347.54**	**$ (7,012,709.41)**
DCOH - Beginning and Ending of Month	156	137	
DCOH - Year-end Projection (Unrestricted $42.7M)	115	116	
DCOH - Year-end Projection (Construction $0.0M)	0	0	
Restricted Reserves:			
Bond Redemption Accounts	2,794,753.65	1,572,072.93	(1,222,680.72)
Construction Account	0.00	0.00	-
Restricted Reserves Total	**2,794,753.65**	**1,572,072.93**	**(1,222,680.72)**
TOTAL RESERVES	**$ 59,706,810.60**	**$ 51,471,420.47**	**$ (8,235,390.13)**

(1) RSA (Rate Stabilization Account): $7,500,000.00

(2) Undesignated Reserves are periodically reviewed to reallocate to the Designated Reserve accounts

Prepared by: Keith Mercer
Keith Mercer, Treasurer

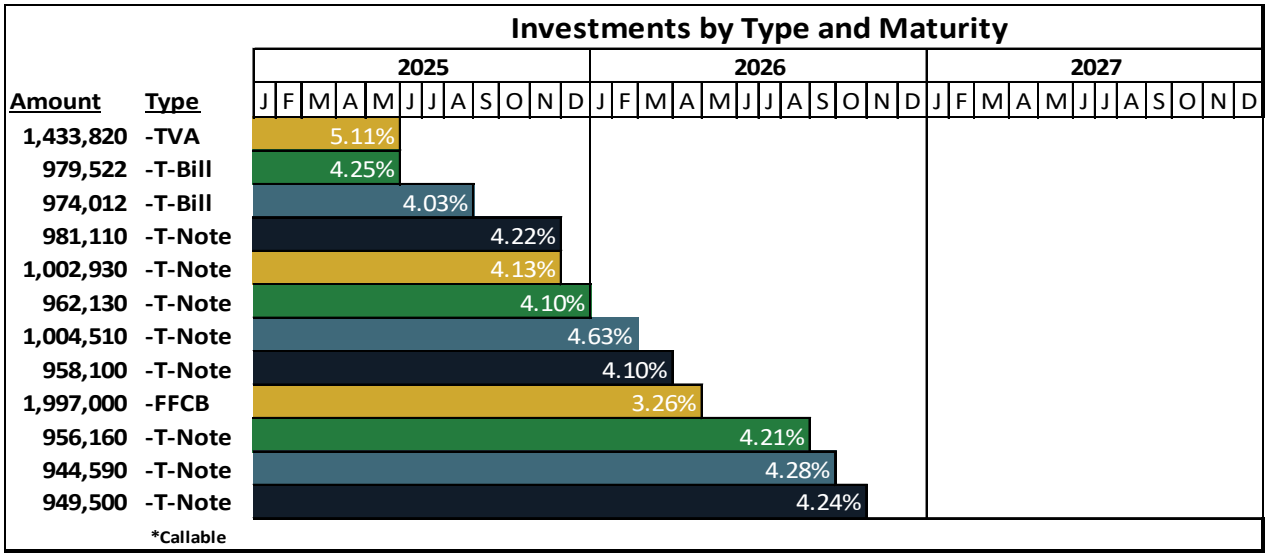
Certified by: Jon Meyer
Jon Meyer, Auditor

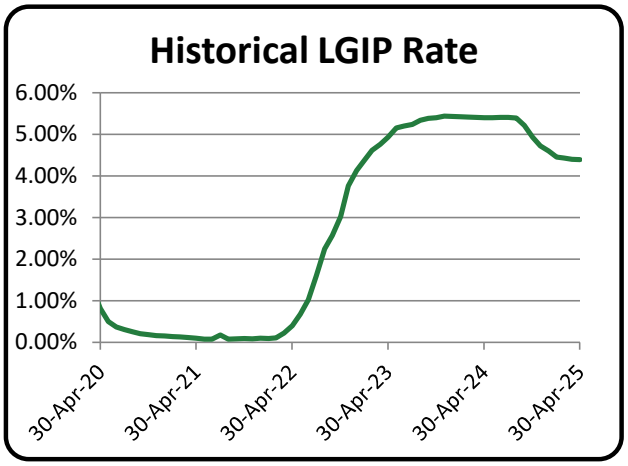
**As a reminder, the $6.5M February BPA invoice was paid in April.

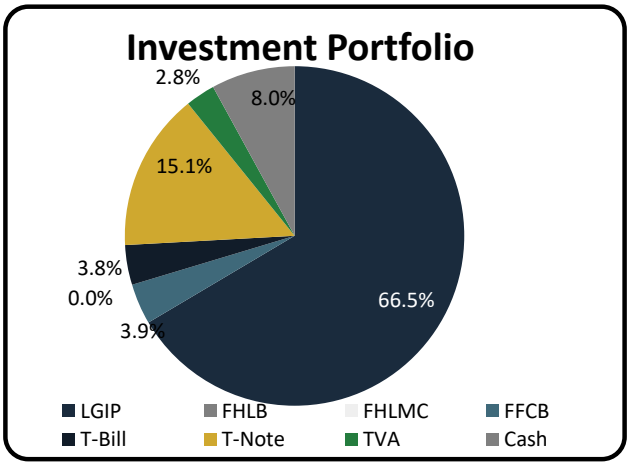
CASH & INVESTMENTS SUMMARY

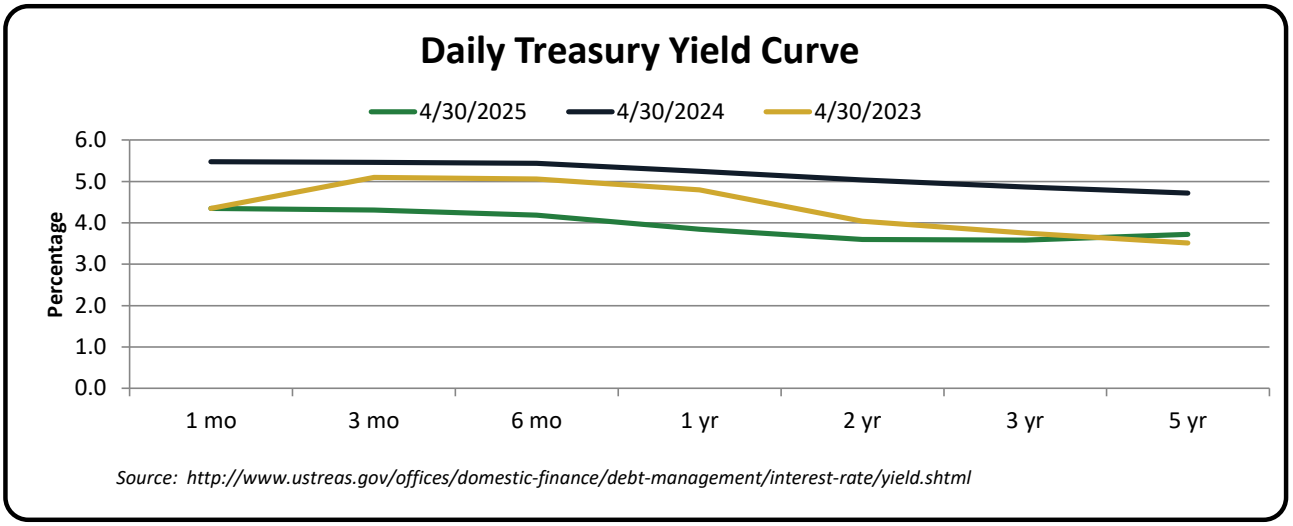
as of April 30, 2025

Average Days to Maturity	**74**	Investments see below*	13,143,384
		LGIP**	34,218,120
Average Weighted Yield	**4.332%**	**TOTAL INVESTMENTS**	47,361,503
		CASH	4,109,918
** Held in custody at Principal Financial Group*		**TOTAL CASH & INVESTMENTS**	**$ 51,471,421**
*** Local Government Investment Pool*			





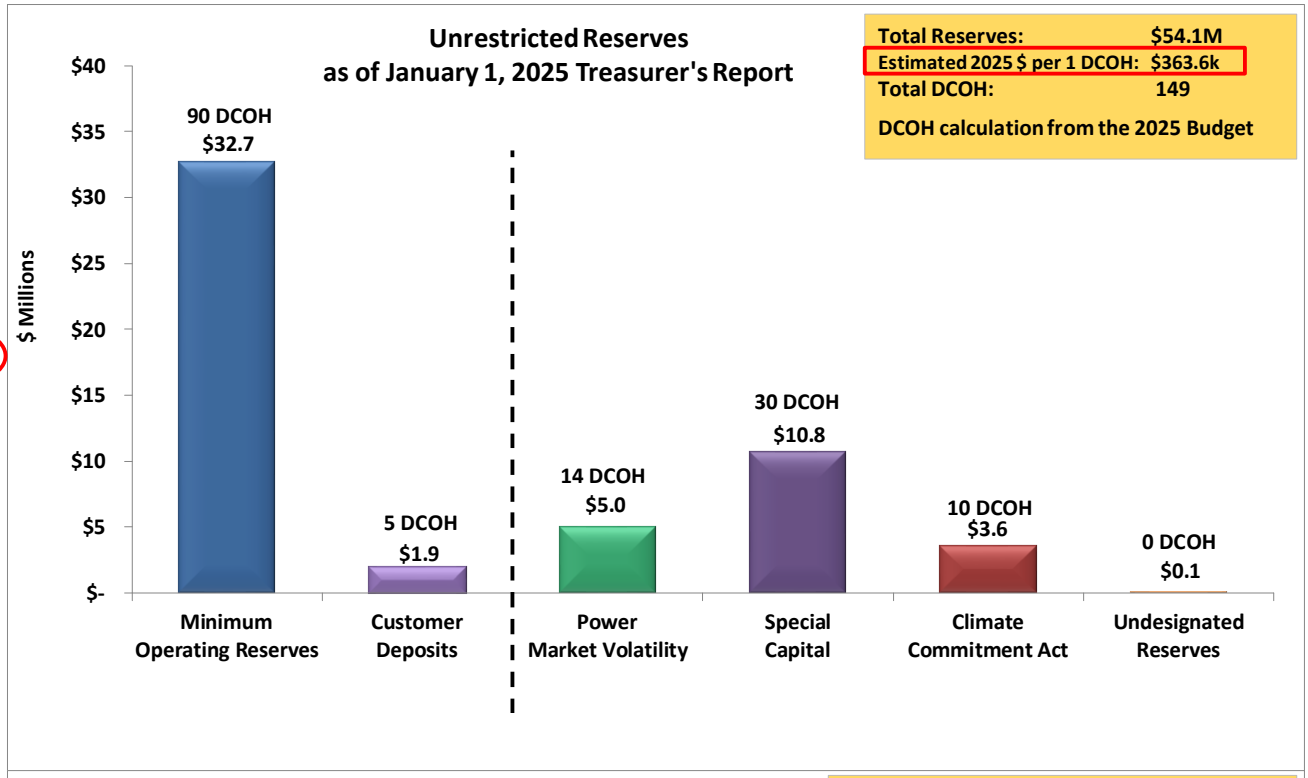




Source: http://www.ustreas.gov/offices/domestic-finance/debt-management/interest-rate/yield.shtml

Unrestricted Reserves and Days Cash on Hand (DCOH)

#1



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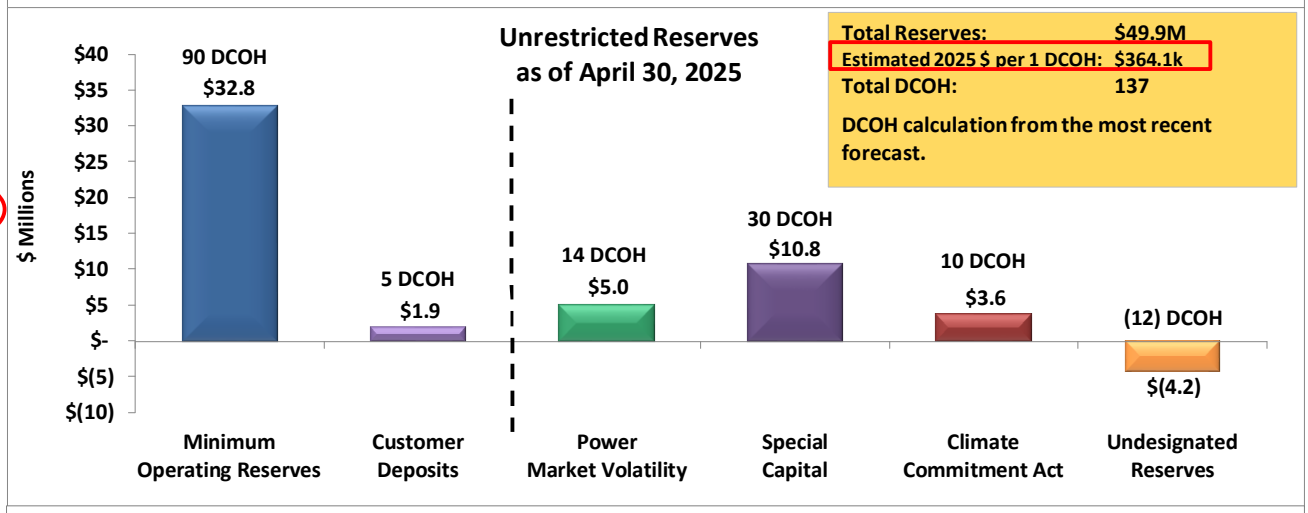

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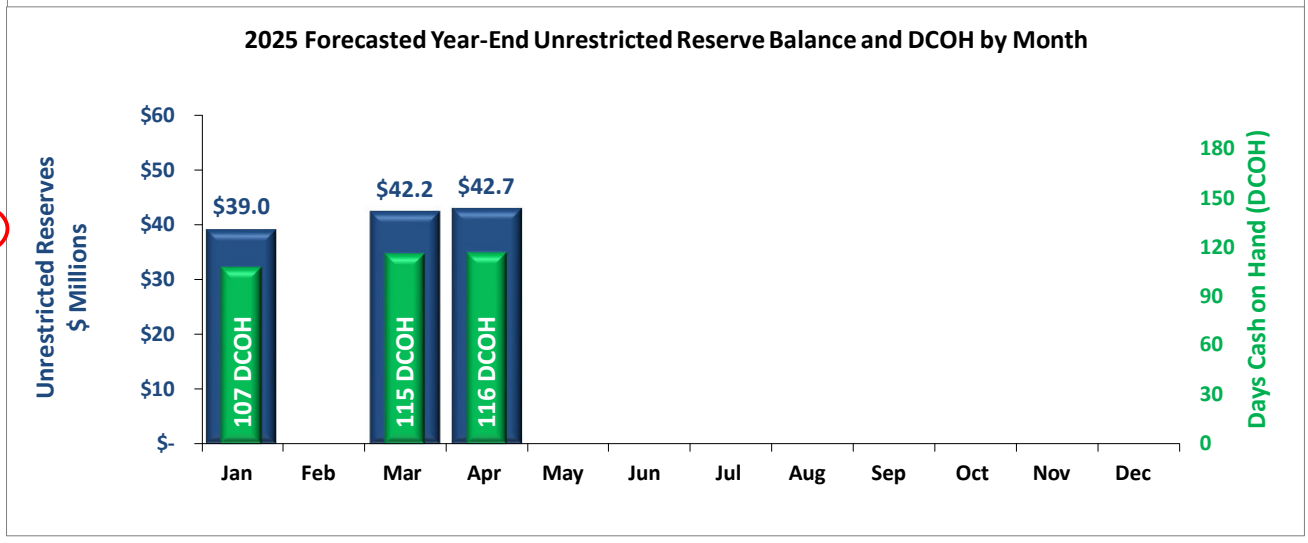

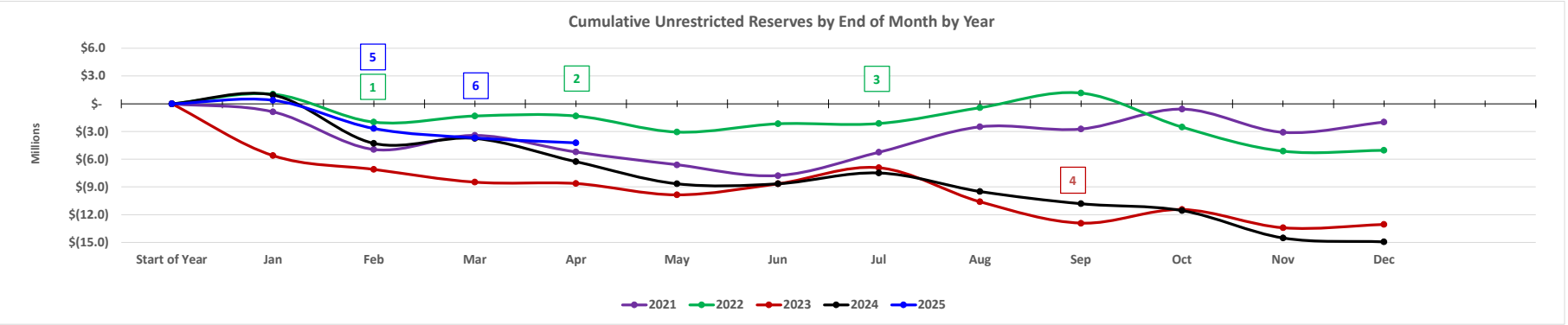

Note: Any money disbursed for a bid guarantee, received from the Climate Commitment Act auction proceeds, or received from issuing bonds was removed for comparison purposes (i.e. 2023 bond issue).

Other Notable Information:

Weather can play a major factor with customer loads (retail revenue) that can ultimately increase or decrease the District's Unrestricted Reserves.

1. (2022 - February) Adjusted balance down ~$6.3 million for January BPA invoices that were paid in March due to timing of when the invoices were issued. These invoices are typically paid in February.
2. (2022 - April) Adjusted balance down ~$5.7 million for March BPA invoices that were paid in May due to timing of when the invoices were issued. These invoices are typically paid in April.
3. (2022 - July) Adjusted balance down ~$4.3 million for June BPA Power invoice that was paid in August due to timing of when the invoice was issued. This invoice is typically paid in July.
4. (2023 - September) Adjusted balance down ~$5.3 million for August BPA power and transmission invoices that were paid in October due to timing of when the invoice was issued. These invoice would typically pay in September.
5. (2025 - February) Adjusted balance down ~$5.3 million for January BPA Invoices that were paid in March due to timing of when the invoices were issued. These invoices are typically paid in February.
6. (2025 - March) Adjusted balance down ~$6.5 million for February BPA Invoices that were paid in April due to timing of when the invoices were issued. These invoices are typically paid in March.

MINUTES

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY
REGULAR COMMISSION MEETING

Date: April 22, 2025
Time: 9:00 a.m.
Place: 2721 West 10th Avenue, Kennewick, Washington

Present: Commissioner Jeff Hall, President
Commissioner Lori Kays-Sanders, Vice-President
Commissioner Mike Massey, Secretary
General Manager Rick Dunn
Senior Director of Finance & Executive Administration Jon Meyer
Assistant GM/Sr. Director Engineering & Operations Steve Hunter via/MS Teams
Director of Power Management Chris Johnson
Director of IT & Broadband Services Chris Folta
Director of Customer Service and Treasury Keith Mercer
Supv. of Executive Administration/Clerk of the Board Cami McKenzie
Records Program Administrator II Nykki Drake
General Counsel Allyson Dahlhauser

Benton PUD employees present during all or a portion of the meeting, either in person or virtually: Annette Cobb, Manager of Customer Service; Blake Scherer, Senior Engineer Power Management; Eric Dahl, Communications Specialist II; Evan Edwards, Manager of System Engineering; Jennifer Holbrook, Senior Manager of Applied Technology; Jenny Sparks, Manager of Customer Engagement; Jodi Henderson, Manager of Communications & Government Relations; Katie Grandgeorge, Financial Analyst III; Karen Dunlap, Manager of Human Resources; Kent Zirker, Manager of Accounting; Levi Lanphear, Procurement Administrator; Michelle Ness, Supervisor of Distribution Design; Michelle Ochweri, Manager of Procurement; Paul Holgate, Cyber Security Engineer III; Robert Inman, Superintendent of Transportation & Distribution; Robert Frost, Supervisor of Energy Programs; Tyson Brown, Procurement Specialist I; Zach Underhill, Distribution Designer; Angela Richman, Distribution Design Tech. II; Anthony Ciarlo, Physical Security Coordinator II; Briana Herrington, Financial Analyst III; Justin K. Homer, OT Network Engineer III.

Call to Order & Pledge of Allegiance

The Commission and those present recited the Pledge of Allegiance.

Agenda Review

President Hall announced that any public present wanting to comment on the Line Extension and Facilities Construction Policy Review should do so during the public comment section.

Public Comment

Micah Valentine, Kennewick School Board member, said he was interested in establishing a connection with PUD for collaboration and opportunities for students.

Howard Jensen said they were happy for the opportunity to be invited to review the Line Extension and Facilities Construction Policy and requested the opportunity to schedule another meeting with staff for further review.

Business Agenda

Line Extension and Facilities Construction Policy Review

General Manager Rick Dunn and Senior Director Jon Meyer gave a presentation and reviewed the Line Extension and Facilities Construction Policy, which defines how costs are recovered for new or upgraded facilities and presented a financial analysis and options for the Commission to consider for edits to the policy, including defining the criteria for a special contract. This includes consideration of the financial policy, cost-of-service analysis, revenue requirements, precedence, and compliance with non-discriminatory provisions of State law.

One of the District's largest agricultural irrigation customers is planning to add load in a future expansion of their operations, requiring a new transmission line and substation, for the exclusive benefit of the customer. The customer is inquiring about the possibility of a contract with Benton PUD to allow for payment over time, with the proposed project having an estimated cost of $3.6 million.

The Commission discussed options for special contract terms, interest rates, and writing into the policy a potential cap on the amount of special contract outstanding balances resulting in special contracts being offered on a first come, first served basis.

Chuck Dawsey, Sunheaven Farms consultant, commented on the special contract considerations, general retail rate making considerations around fixed and variable costs and melding of power supply costs, and consideration of using the current approximately 70% equity/30% debt ratio (Debt to Capitalization Ratio) as a basis for the District to share in the cost of the project.

The Commission concurred with defining a special contract in the policy, implementing a cap for outstanding balances at 4% or 5% of retail forecasted sales, and moving up and increasing the amount of the planned the bond issue in to mitigate potential accelerated rate increases that could be caused by special contracts.

General Manager Dunn said they would implement the recommendations into policy statements and bring back the amendments to the policy at the May 13, 2025 Commission meeting. The Commission would have the option to approve the policy at that time if all questions have been addressed or postpone the approval until the May 27, 2025 meeting.

Consent Agenda

MOTION: Commissioner Sanders moved to approve the Consent Agenda items "a" through "f". Commissioner Massey seconded and upon vote, the Commission unanimously approved the following:

a. Regular Commission Meeting Minutes of April 8, 2025
b. Travel Report dated April 22, 2025
c. Vouchers (report dated April 22, 2025) audited and certified by the auditing officer as required by RCW 42.24.080, and those expense reimbursement claims certified as required by RCW 42.24.090, have been recorded on a listing made available to the Commission and approved as follows for payment:
   Accounts Payable: Automated Clearing House (DD) Payments: 108123-108152; 108338-108371 in the amount of $1,494,846.98.
   Checks & Customer Refund Payments (CHK): 89849-89903 in the amount of $291,232.36;
   Electronic Fund Transfer (WIRE) Payments: 7245-7257 in the amount of $7,521,125.70;
   Residential Conservation Rebates: Credits on Customer Accounts in the amount $200.00;
   Payroll: Direct Deposit – 4/10/2025: 108153-108337 in the amount $588,822.42;
   Voided checks (April, 2025) in the amount of $1,482.00;
   Grand total - $9,896,227.46
d. Jobs Report for Commission
e. Conservation Report – 1st Quarter 2025
f. Contract Award – Distribution Transformers, Bid Package #25-21-01

Management Report

IT & Broadband Services:

1. Security Fence Update - Jennifer Holbrook, Senior Manager of Applied Technology said the contractor came in last week and the main vehicle gates are now shut and can be accessed with a badge. The contractor is still finishing up the new delivery gate at the south end of the campus, and once that was done, the project would be complete.

Finance/Executive Administration:

1. Financial Report - Senior Director Jon Meyer provided the Commission with a financial report for March, 2025.

General Manager:

1. WA & OR Governors re: BPA Day Ahead Markets Draft ROD – General Manager Rick Dunn reviewed a letter sent to John Hairston, BPA, from Washington Governor Ferguson and Oregon Governor Kotek, encouraging BPA to delay their final decision to join the SPP Markets+ Day-Ahead Market because they believe the CAISO Extended Day Ahead Market (EDAM) is a better option. GM Dunn said he intended to write a letter to Governor Ferguson stating that Benton PUD, other utilities across the State, and the majority of 127 other not-for-profit utilities across the Northwest agreed with BPA's draft record of decision to join Markets+.

2. Site-1 SMR - Additional Information – General Manager Dunn said he learned recently Energy Northwest's Energy Services & Development Division will be receiving a service fee from Amazon with each tranche of Site-1 SMR funding for a total amount of $7.3 million. This is good news and an answer to concern previously voiced by Commissioner Sanders. Manager Dunn also recommended Commissioners think of Benton PUD's initial $100,000 funding contribution to the DOE Loan Program Office application for the SMR project as a low-cost option to participate as an off taker, and that there are conversations happening which indicate early funders like Benton PUD may have first right of refusal for Phase-2 power.
3. Flathead Electric Keynote – Residential Demand Charge – General Manager Dunn commented on his speaking engagement at the Flathead Electric Cooperative annual meeting and that his message was well received. He mentioned that Flathead Electric implemented the residential demand charge many years ago and they were currently charging $3.50/kW compared to Benton PUD's just over $1/kW charge.
4. Electric & Gas Coordination Messaging – General Manager Dunn said the multi-day cold snap in January 2024 which pushed the Northwest grid to near blackouts for a few balancing area authorities was a wakeup call for PNUCC (Pacific Northwest Utilities Conference Committee). In response, PNUCC formed a natural gas/electric coordination and communications group to develop messaging around the critical importance of natural gas to grid reliability and overall energy security in the Northwest.

The Board briefly recessed, reconvening at 10:48 a.m.

Business Agenda - Continued

Voluntary Participation in Washington State's New Community Solar Expansion Program; Resolution No. 2693-A

Robert Frost, Supervisor of Energy Programs, presented a resolution to participate in Washington State's new community solar expansion program that allows an Administrator to apply for incentives for a community solar project that benefits low-income customers. The Program is administered by WSU Energy Programs and incentives come in the form of a single payment to the customer and paid by the District. The District will recover the incentive payment through a reduction in Public Utility Taxes.

Commissioner Sanders stated for transparency reasons, she was currently working on a housing project with the Kennewick Housing Authority (present in the audience) entitled "Bubble on Gum."

MOTION: Commissioner Sanders moved to adopt Resolution No. 2693-A for Voluntary Participation in Washington State's Community Solar Expansion Program as presented. Commissioner Massey seconded, and upon vote, the motion carried unanimously.

Operational Technology Telecommunications Network Study

Chris Folta, Director of IT & Broadband Services and Jennifer Holbrook, Senior Manager of Applied Technology gave a presentation on the Operational Technology Telecommunications Network Study performed by Federal Engineering. The study evaluated the SCADA communications network by documenting the current state of the network, identifying system requirements, conducting a gap analysis, and identifying technology solution alternatives.

After a review of the alternatives, staff recommended the Private Long-Term Evolution (pLTE) alternative, with an estimated cost of $6.5 million for option 1 (dedicated to District devices only pLTE) or $7.6 million for option 2 (District devices along with commercial-capable pLTE). The second option would be able to provide additional broadband services and that the Broadband Business would fund the difference in cost if that option was selected and approved.

Staff also discussed the need to transition from site licensed to geographic-licensed radio frequency spectrum for enabling seamless communication throughout the county. The next steps would be to negotiate a lease or purchase. Staff then asked the Commission for concurrence to proceed with the spectrum and network evaluation.

The Board agreed to proceed with the evaluation.

2025 Internal Audit Plan & Report on 2024 Internal Audits

Kent Zirker, Manager of Accounting, presented the 2025 Internal Audit Plan and Report on 2024 Internal Audits as follows:

The 2025 audit plan, in addition to routine audits, included special audits of miscellaneous receivable billings and gift cards/recognition items.

Special internal audits conducted in 2024 included a review of documentation in Human Resources confidential general information files, a review of reimbursable work orders, and a follow-up review of mileage reporting of fleet assets.

Routine internal audits conducted in 2024 looked at monthly surprise cash counts, adjustments to employee accounts, review of city occupation tax, Configuration Change Management, and participating in the annual physical count of inventory.

Mr. Zirker indicated there were no significant items to note in any of the audits.

Meeting Reports

WPUDA Annual Meeting

All three Commissioners were heading to the WPUDA Annual meeting scheduled for April 23-25, 2025.

PNWGA Country Elevator Conference

General Manager Rick Dunn said he would be a guest speaker at the Pacific Northwest Grain & Feed Association in Coeur d'Alene, Idaho on April 24.

Nuclear Power Plant Tour

Commissioner Massey said he toured the Nuclear Power Plant with a group of PUD Commissioners.

Executive Session – Potential Litigation

The Commission went into executive session at 11:50 a.m. with General Counsel Allyson Dahlhauser to discuss potential litigation for 15 minutes. Also present were General Manager Rick Dunn and Clerk of the Board Cami McKenzie. The Commission came out of executive session at 12:09 p.m., extended it for an additional three minutes, and came out again at 12:14 p.m. to extend the executive session an additional two minutes. The Commission came out of executive session at 12:20 p.m.

Adjournment

Hearing no objection, President Hall adjourned the meeting at 12:20 p.m.

_____
Jeff Hall, President

ATTEST:

_____
Mike Massey, Secretary

Periodic Travel Report - May 13, 2025

Date Start	*Business Days*	*Name*	*City*	*Purpose*
4/23/2025	2	Rick Dunn	Coeur d'Alene, ID	PNWGFA ELEVATOR CONFERENCE - SPEAKING ENGAGEMENT
5/14/2025	1	Nykki Drake	Moses Lake, WA	WPUDA RECORDS ROUNDTABLE
5/20/2025	4	Jon Meyer	Santa Rosa, CA	NWPPA ANNUAL CONFERENCE AND MEMBERSHIP MEETING
6/4/2025	2	Keith Mercer	Seattle, WA	PURMS SEMI-ANNUAL BOARD MEETING
6/17/2025	2	Justin K. Homer	Long Beach, CA	UTC TELECOM & TECHNOLOGY CONFERENCE
6/17/2025	2	Kent Zirker	Walla Walla, WA	NWPPA FINANCE AND ACCOUNTING CONFERENCE
6/17/2025	2	Briana Herrington	Walla Walla, WA	NWPPA FINANCE AND ACCOUNTING CONFERENCE
6/17/2025	2	Jon Meyer	Walla Walla, WA	NWPPA FINANCE AND ACCOUNTING CONFERENCE
6/17/2025	2	Jennifer Holbrook	Long Beach, CA	UTC TELECOM & TECHNOLOGY CONFERENCE
6/17/2025	1	Rick Dunn	Walla Walla, WA	NWPPA A&F CONFERENCE PANELIST
6/17/2025	2	Chris Folta	Long Beach, CA	UTC TELECOM & TECHNOLOGY CONFERENCE
9/9/2025	2	Brandy Sawyer	Kennewick, WA	NWPPA LEADERSHIP SKILLS - HR BASICS/BUILDIING A MORE EFFECTIVE
9/21/2025	5	Dan Holsten	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
9/21/2025	5	Jason Nielsen	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
9/21/2025	5	Michelle Ness	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
9/21/2025	5	Annette Cobb	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
9/21/2025	5	Janelle Wassing	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
9/21/2025	5	Kim Maki	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
9/21/2025	5	Briana Herrington	Louisville, KY	2025 NISC MEMBER INFORMATION CONFERENCE
11/2/2025	4	Rosa Mitchell	San Diego, CA	XYLEM REACH CONFERENCE

PAYMENT APPROVAL
May 13, 2025

The vouchers presented on this Payment Approval Report for approval by the Board of Commissioners have been audited and certified by the auditing officer as required by RCW 42.24.080, and those expense reimbursement claims by officers and employees have been certified as required by RCW 42.24.090.

Type of Payment	Starting #		Ending #	Page #	Amount
Accounts Payable:					
Automated Clearing House (DD) Payments	108372 108581	- -	108420 108670	1 - 5 5 - 15	$ 2,172,881.66
Checks & Customer Refund Payments (CHK)	89904	-	90006	16 - 23	$ 607,865.60
Electronic Fund Transfer (WIRE) Payments	7258	-	7278	24 - 27	$ 5,757,924.03
Residential Conservation Rebates:					
Credits on Customer Accounts				28	$ 1,960.00
Purchase Card Detail:					
Payroll:					
Direct Deposit - 4/24/2025	108421	-	108580		$ 480,727.41
TOTAL					**$ 9,021,358.70**
Void DD	April 2025			4, 8, 9	$ 10,587.00
Void Checks					$ -
Void Wires					$ -

I, the undersigned Auditor of Public Utility District No. 1 of Benton County, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered, or the labor performed as described, or that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claims identified in this report are just, due and unpaid obligations against the District and that I am authorized to authenticate and certify to said claims.

Jon Meyer 5/5/2025

Jon L. Meyer, Auditor *Date*

Reviewed by:

Rick Dunn, General Manager

Approved by:

Jeffrey D. Hall, President

Lori Kays-Sanders, Vice-President

Michael D. Massey, Secretary

Accounts Payable
Check Register

04/11/2025 To 05/01/2025

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108372	4/16/25	DD	10336	3DEGREES GROUP, INC.	REC Compliance 2024		20,980.40
108373	4/16/25	DD	2872	A W REHN & ASSOC	Specific Rights Letter		50.00
108374	4/16/25	DD	963	ANIXTER INC.	CU 500 MCM STR DB 600V		5,247.21
					BUSH WELL INS 8.3/14.4KV		3,932.77
					Material		2,420.97
					BOLTS MACH 5/8 X 14		642.42
					CLAMP TRUNNION 336, 397 ACSR W		1,888.66
					PINS STEEL 6 1/2 SHANK #J204Z		2,521.84
					Condux pulling eye clevis head		1,255.40
						Total for Check/Tran - 108374:	17,909.27
108375	4/16/25	DD	10496	ARNETT INDUSTRIES, LLC	Glove testing		-34.78
					Glove testing		6,302.62
						Total for Check/Tran - 108375:	6,267.84
108376	4/16/25	DD	3356	BMC SOFTWARE, INC.	Track-it Subscription		11,943.09
					Track-it Subscription		1,913.77
						Total for Check/Tran - 108376:	13,856.86
108377	4/16/25	DD	3828	BORDER STATES INDUSTRIES, INC.	Parallel groove clamp, all purpose, AL		3,219.26
					3/8 x 3" Hex lag screw, galv.		760.90
					Bolt, 1/2"-13x2", finished hex		3,934.94
					Washers, 1/2" flat round		869.60
					JUMP TERM 15DEG ACSR397.5		1,799.55
					Material		3,154.05
					SP SLEEVE HOMAC 40		1,213.09
					TAPE VINYL PLAST 1.5 X 36 YDS,		5,102.82
						Total for Check/Tran - 108377:	20,054.21
108378	4/16/25	DD	3520	CI INFORMATION MANAGEMENT	Onsite Destruction		145.75
108379	4/16/25	DD	2680	CO-ENERGY	Fuel Svc		1,637.21

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04/11/2025 To 05/01/2025

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108380	4/16/25	DD	3820	COLEMAN OIL COMPANY, LLC	Fuel Svc		16,506.49
108381	4/16/25	DD	2972	COMPUNET, INC.	Monthly Subscriptions		8,901.55
108382	4/16/25	DD	57	CONSOLIDATED ELECTRICAL DISTRIB	CONDUIT PVC SCH 40 4 IN		30,917.54
108383	4/16/25	DD	3167	COOPERATIVE RESPONSE CENTER, IN	CRCLink Lic/Multispeak OMS		12,061.94
108384	4/16/25	DD	375	DAYCO HEATING & AIR	REEP		1,200.00
108385	4/16/25	DD	3029	DELTA HEATING & COOLING, INC.	REEP		1,000.00
108386	4/16/25	DD	3439	DJ'S ELECTRICAL, INC.	Joint Use/NESC		72,277.91
					Cable Replacement		76,982.47
					Cable Replacement		18,458.36
					Joint Use/NESC		24,143.27
					Joint Use/NESC		56,570.28
						Total for Check/Tran - 108386:	248,432.29
108387	4/16/25	DD	226	DOBLE ENGINEERING CO	Software/Maintenance		-353.22
					Software		4,766.44
						Total for Check/Tran - 108387:	4,413.22
108388	4/16/25	DD	2898	ELECTRICAL CONSULTANTS, INC.	Professional Svc		9,890.50
					Professional Svc		829.00
						Total for Check/Tran - 108388:	10,719.50
108389	4/16/25	DD	11023	ELLERD, HULTGRENN & DAHLHAUSE	Professional Svc		3,330.00
108390	4/16/25	DD	3130	GDS ASSOCIATES, INC.	NERC/WECC Compliance		792.50
108391	4/16/25	DD	79	GENERAL PACIFIC, INC.	BOLTS MACH 5/8 X 12		609.81
108392	4/16/25	DD	11048	GLOBAL SAFETY NETWORK	Background Screening Svc		1,315.84
108393	4/16/25	DD	2087	H2 PRECAST, INC.	Vault Base/Lid		20,609.52
108394	4/16/25	DD	3171	JODI A HENDERSON	Foundation for Water & Energy Board mtg		427.25

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108395	4/16/25	DD	724	HERITAGE PROFESSIONAL LANDSCAP	Landscaping Svc		1,771.11
					Landscaping Svc		274.54
					Landscaping Svc		305.92
					Landscaping Svc		373.06
					Landscaping Svc		1,130.33
					Landscaping Svc		331.40
					Landscaping Svc		973.22
					Landscaping Svc		411.50
						Total for Check/Tran - 108395:	5,571.08
108396	4/16/25	DD	990	INSIGHT PUBLIC SECTOR INC.	Citrix Manitenance/Support		13,613.65
108397	4/16/25	DD	214	JACOBS & RHODES	REEP		1,200.00
					REEP		800.00
						Total for Check/Tran - 108397:	2,000.00
108398	4/16/25	DD	103	KENNEWICK, CITY OF	Occupation Tax		438,732.63
108399	4/16/25	DD	106	LAMPSON INTERNATIONAL, LLC	Crane Rental		9,369.94
					Crane Rental		6,717.66
						Total for Check/Tran - 108399:	16,087.60
108400	4/16/25	DD	10162	LINGUISTICA INTERNATIONAL, INC.	Interpreting Svc		122.85
108401	4/16/25	DD	3644	LOOMIS	Safepoint Svc		1,374.94
					Drop Box/Kiosks		1,963.35
						Total for Check/Tran - 108401:	3,338.29
108402	4/16/25	DD	3821	NISC	Envelopes/Forms/Print Svc/Postage		2,070.28
					Envelopes/Forms/Print Svc/Postage		30,147.90
					Postage/ACH Svc/Online Payments		1,038.96
					Postage/ACH Svc/Online Payments		431.79
					Postage/ACH Svc/Online Payments		519.74
					Software License/Maintenance		8,697.56
					Software License/Maintenance		2,577.05

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Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount	
					Software License/Maintenance		3,865.58	
					Software License/Maintenance		17,072.97	
						Total for Check/Tran - 108402:	66,421.83	
108403	4/16/25	DD	919	NOANET	Professional Svc		280.00	
					Professional Svc		420.00	
					Professional Svc		560.00	
					Co Location - Kennewick Verizon		1,460.00	
					Broadband Billing		16,000.56	
					Broadband Billing		64,002.24	
						Total for Check/Tran - 108403:	82,722.80	
108404	4/16/25	DD	3162	ONLINE INFORMATION SERVICES, INC.	Online Utility Exchange		1,119.44	
108405	4/16/25	DD	2176	PACIFIC OFFICE AUTOMATION, INC.	Monthly Billing		47.81	
					Monthly Billing		367.46	
					Monthly Billing		169.20	
					Monthly Billing		190.96	
						Total for Check/Tran - 108405:	775.43	
108406	4/16/25	DD	585	PARADISE BOTTLED WATER CO.	Monthly Billing		656.78	
					Monthly Billing		107.49	
						Total for Check/Tran - 108406:	764.27	
108407	4/16/25	DD	1161	PRINT PLUS	Brochures/Prep		531.80	
108408	4/16/25	DD	10550	PUGET SOUND HARDWARE, INC.	268115 Best 21B722-L-PS1631 626		18,718.14	
108409	4/16/25	DD	10212	QCL, INC.	Drug Screenings		80.00	
108410	4/16/25	DD	10230	SMG-TRI CITIES, LLC	Advertising		2,520.00	
108411	4/16/25	DD	10884	SOLSTICE HEATING & AIR	REEP		9,000.00	
108412	4/16/25	DD	3231	STRIPE RITE, INC.	Traffic Control Svc		1,137.00	VOID
108413	4/16/25	DD	3696	SUMMIT LAW GROUP, PLLC	Professional Svc		984.00	

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Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108414	4/16/25	DD	3589	TOTAL QUALITY AIR, LLC	REEP		9,000.00
108415	4/16/25	DD	139	TOWNSQUARE MEDIA TRI CITIES	Advertising		3,144.00
108416	4/16/25	DD	1163	TYNDALE ENTERPRISES, INC.	Clothing-Wales		91.31
108417	4/16/25	DD	10154	US PAYMENTS, LLC	Paysite/Kiosk/Card Processing Fees		620.32
					Paysite/Kiosk/Card Processing Fees		1,440.00
						Total for Check/Tran - 108417:	2,060.32
108418	4/16/25	DD	272	UTILITIES UNDERGROUND LOCATION	Underground Locate		656.10
108419	4/16/25	DD	11062	VESTIS SERVICES, LLC	Weekly Svc		28.31
					Weekly Svc		35.76
					Weekly Svc		26.39
					Weekly Svc		27.90
					Weekly Svc		18.39
						Total for Check/Tran - 108419:	136.75
108420	4/16/25	DD	924	WASHINGTON CRANE & HOIST COMPA	Crane/Hoist Repairs		12,222.61
108581	4/23/25	DD	963	ANIXTER INC.	CURV 2 1/4 X 2 1/4 11/16H		239.36
					DE GUY PREFORM 12 5M		791.52
					DE GUY PREFORM 6M		687.62
					Fuse T-Type, Kearney #51008		318.78
					Fuse T-Type, Kearney #51050		338.37
					Fuse T-Type, Kearney #51065		497.76
					Material		4,450.46
						Total for Check/Tran - 108581:	7,323.87
108582	4/23/25	DD	10496	ARNETT INDUSTRIES, LLC	Tool Repair		-9.81
					Tool Repair		345.85
					Tool Repair		92.49
						Total for Check/Tran - 108582:	428.53

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108583	4/23/25	DD	34	BENTON PUD-ADVANCE TRAVEL	NWPPA E&O Conf		513.17
					NWPPA E&O Conf		286.16
					NWPPA E&O Conf		211.58
					NWPPA E&O Conf		211.58
						Total for Check/Tran - 108583:	1,222.49
108584	4/23/25	DD	166	CENTURYLINK	Monthly Billing		657.49
108585	4/23/25	DD	10491	KELLY R COBB	Safety Shoes		184.95
108586	4/23/25	DD	2972	COMPUNET, INC.	Software/cable		10,688.16
					Dragos Subscription		52,796.95
					Dragos Subscription		29,062.54
					Dragos Subscription		5,812.50
					Software License		8,909.74
						Total for Check/Tran - 108586:	107,269.89
108587	4/23/25	DD	10896	CULLIGAN QUENCH	Ice/Water Maching Rental		270.91
108588	4/23/25	DD	3439	DJ'S ELECTRICAL, INC.	W Deschutes Ave/Columbia Center		4,604.15
					Deschutes Ave OH to UG		890.55
						Total for Check/Tran - 108588:	5,494.70
108589	4/23/25	DD	2757	RICK T DUNN	Flathead Electric Speaker		248.00
108590	4/23/25	DD	2898	ELECTRICAL CONSULTANTS, INC.	Sunset/Dallas Line		12,859.50
108591	4/23/25	DD	10982	FEDERAL ENGINEERING, INC.	Consulting Svc		19,657.00
108592	4/23/25	DD	75	FRANKLIN PUD	Pole Attachments		398.13
108593	4/23/25	DD	11116	FRONTLINE MEDICAL, PLLC	Employee Physicals		220.00
					Employee Physicals		110.00
						Total for Check/Tran - 108593:	330.00
108594	4/23/25	DD	79	GENERAL PACIFIC, INC.	Fiber Vault with Cover,		7,230.63
					Crossarm,Comm Fiberglass Tangent		14,280.00

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Novagard G623 silicone compound		1,023.07
					Material		1,330.49
					Credit - Inv 1513699		-1,330.49
						Total for Check/Tran - 108594:	22,533.70
108595	4/23/25	DD	3969	GPS INSIGHT, LLC	Device Monitoring		2,170.57
108596	4/23/25	DD	10126	KATLIN M GRANDGEORGE	WA Public Treasurer's Conf		837.56
108597	4/23/25	DD	2087	H2 PRECAST, INC.	Vault Base/Lid		5,157.12
					Vault Base/Lid		-4.74
					Vault Base/Lid		13,491.20
					Vault Base/Lid		-12.40
					Vault Base/Lid		20,236.80
					Vault Base/Lid		-18.60
						Total for Check/Tran - 108597:	38,849.38
108598	4/23/25	DD	10420	HEALTH INVEST HRA TRUST	Monthly Fees		88.68
108599	4/23/25	DD	3018	HRA VEBA TRUST	ER VEBA CDHP		1,458.40
108600	4/23/25	DD	4207	INFORMATION FIRST, INC.	Content Mgr		2,000.00
108601	4/23/25	DD	10660	IRBY ELECTRICAL UTILITIES	DE AUTO 12.5M XLONG BAIL		2,338.66
					DE AUTO 12.5M XLONG BAIL		779.55
					Transformers		15,826.72
						Total for Check/Tran - 108601:	18,944.93
108602	4/23/25	DD	1740	SEAN R ISAKSON	NWPPA E&O Conf		13.63
108603	4/23/25	DD	214	JACOBS & RHODES	REEP		200.00
108604	4/23/25	DD	103	KENNEWICK, CITY OF	Monthly Billing		636.92
					Monthly Billing		491.11
					Monthly Billing		394.26
					Monthly Billing		457.82

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount	
					Monthly Billing		263.33	
						Total for Check/Tran - 108604:	2,243.44	
108605	4/23/25	DD	800	MAC'S GARDEN CENTER	Vegetation Replacement Prg		120.00	
108606	4/23/25	DD	10563	MESSAGE TECHNOLOGIES, INC.	IVR/SMS Services		-342.16	
					IVR/SMS Services		4,230.36	
						Total for Check/Tran - 108606:	3,888.20	
108607	4/23/25	DD	950	MSA VEBA TRUST	VEBA PL Cash Out		73,741.89	
108608	4/23/25	DD	919	NOANET	MacDonald Miller		3,165.50	
108609	4/23/25	DD	10769	ONEBRIDGE BENEFITS INC.	Flex Spending Dependent Care		185.19	
					Flex Spending Health Care		2,814.84	
						Total for Check/Tran - 108609:	3,000.03	
108610	4/23/25	DD	10770	ONEBRIDGE BENEFITS INC. (ADMIN)	Administrative Fees		114.00	
108611	4/23/25	DD	2176	PACIFIC OFFICE AUTOMATION, INC.	Monthly Billing		20.71	
					Monthly Billing		222.90	
						Total for Check/Tran - 108611:	243.61	
108612	4/23/25	DD	10608	GEORGE M PATRICK	NWPPA environmental Taskforce Mtg		23.00	
108613	4/23/25	DD	11072	PPC SOLUTIONS INC.	Security Svc/Patrol Svc		685.00	
108614	4/23/25	DD	2429	PROSSER TOWER SITE, INC.	2025 License Agreement		3,000.00	
108615	4/23/25	DD	10212	QCL, INC.	Drug Screening Svc		750.00	
108616	4/23/25	DD	821	SCHWEITZER ENGINEERING LABORAT	SEL-2243 POWER COUPLER 48VDC		2,497.94	
108617	4/23/25	DD	396	SD MYERS, LLC	Gas/Oil Testing		190.00	
					Gas/Oil Testing		338.00	
						Total for Check/Tran - 108617:	528.00	
108618	4/23/25	DD	1482	SILVER BOW ROOFING, INC.	REEP		480.00	VOID
					REEP		480.00	VOID

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Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount	
					REEP		678.00	VOID
					REEP		480.00	VOID
					REEP		678.00	VOID
					REEP		678.00	VOID
					REEP		480.00	VOID
					REEP		480.00	VOID
					REEP		678.00	VOID
					REEP		678.00	VOID
					REEP		678.00	VOID
					REEP		270.00	VOID
					REEP		678.00	VOID
					REEP		678.00	VOID
					REEP		678.00	VOID
					REEP	**Total for Check/Tran - 108618:**	9,450.00	VOID
108619	4/23/25	DD	10915	SOUTHERN ELECTRICAL EQUIPMENT	Pascor Atlantic TTR-8 2000A 15kV Switch		11,583.94	
108620	4/23/25	DD	3502	SYLVAN LEARNING CENTER	Employee/Candidate Testing		265.00	
108621	4/23/25	DD	1163	TYNDALE ENTERPRISES, INC.	Credit - Inv 3816442		-270.67	
					Clothing-Himmelberger		-0.05	
					Clothing-Himmelberger		54.40	
					Clothing-McKee/Himmelberger/Talkington		-0.54	
					Clothing-McKee/Himmelberger/Talkington		699.04	
						Total for Check/Tran - 108621:	482.18	
108622	4/23/25	DD	193	UNITED PARCEL SERVICE OF AMERIC	Mailing Svc		47.57	
					Mailing Svc		47.57	
						Total for Check/Tran - 108622:	95.14	
108623	4/23/25	DD	1048	UNITED WAY OF BENTON & FRANKLI	EE United Way Contribution		388.73	
108624	4/23/25	DD	11062	VESTIS SERVICES, LLC	Weekly Svc		-0.04	

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Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Weekly Svc		35.80
					Weekly Svc		-0.03
					Weekly Svc		28.34
					Weekly Svc		-0.02
					Weekly Svc		26.41
					Weekly Svc		-0.01
					Weekly Svc		22.07
						Total for Check/Tran - 108624:	112.52
108625	4/23/25	DD	4235	WATER STREET PUBLIC AFFAIRS, LLC	Lobbying Svc		6,500.00
108626	4/23/25	DD	11134	WELLABLE LLC	Pro Wellness Plan		350.00
108627	4/30/25	DD	10864	ALAMON, INC.	Pole Inspection/Treatment		58,665.35
					Pole Inspection/Treatment		85,633.67
						Total for Check/Tran - 108627:	144,299.02
108628	4/30/25	DD	963	ANIXTER INC.	Tower Saddle Mount - Antenna Clamp		416.70
					HAND HOLE FIBERGLASS, Pencell		3,890.69
					BOLTS MACH 3/4 X 24		1,193.54
					CLAMP TRUNNION 336, 397 ACSR W		1,890.40
					CURV 2 1/4 X 2 1/4 11/16H		957.44
					SP SLEEVE 4A CU WELD		1,314.30
						Total for Check/Tran - 108628:	9,663.07
108629	4/30/25	DD	34	BENTON PUD-ADVANCE TRAVEL	NWPPA E&O conf		36.90
					NWPPA E&O Conf		11.51
					NWPPA Eng & Ops Conf		358.65
					NWPPA Eng & Ops Conf		12.90
					NWPPA Eng & Ops Conf		347.15
					NWPPA Eng & Ops Conf		161.25
					3rd Yr Apprenticeship		466.48
						Total for Check/Tran - 108629:	1,394.84

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Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108630	4/30/25	DD	3828	BORDER STATES INDUSTRIES, INC.	ARM ROD 3975 26/7 ACSR		8,256.60
					DE PREF SG 2 ACSR		319.87
					Standoff brackets, # W1010-15-HG		4,566.34
						Total for Check/Tran - 108630:	13,142.81
108631	4/30/25	DD	3344	BOYD'S TREE SERVICE, LLC	Tree trimming Svc		9,299.74
					Tree Trimming Svc		5,781.79
						Total for Check/Tran - 108631:	15,081.53
108632	4/30/25	DD	11084	ANTHONY M CIARLO	Vulnerability of Intergrated Security		258.68
108633	4/30/25	DD	394	COLUMBIA ELECTRIC SUPPLY	Rack Cable Manager		157.93
					Wall-mount 19" rack frame		320.68
						Total for Check/Tran - 108633:	478.61
108634	4/30/25	DD	2972	COMPUNET, INC.	CISCO ROUTERS		47,224.12
108635	4/30/25	DD	11045	DAVIS ASPHALT MAINTENANCE	Asphalt patch		-7.70
					Asphalt patch		1,196.80
						Total for Check/Tran - 108635:	1,189.10
108636	4/30/25	DD	10427	ROBERT J DAVIS	NWPPA Eng & Ops Conf		27.26
108637	4/30/25	DD	3029	DELTA HEATING & COOLING, INC.	REEP		800.00
					REEP		800.00
					REEP		800.00
						Total for Check/Tran - 108637:	2,400.00
108638	4/30/25	DD	2990	KAREN M DUNLAP	EIAC Mtg		214.90
108639	4/30/25	DD	10826	ELECTROSWITCH, CORP.	CONTROL SWITCH, ELECTROSWITCH,		1,313.29
					CONTROL SWITCH, ELECTROSWITCH,		-106.22
						Total for Check/Tran - 108639:	1,207.07
108640	4/30/25	DD	3130	GDS ASSOCIATES, INC.	CPA/DRPA 2025		5,890.00
					NERC/WECC Compliance		4,480.00
						Total for Check/Tran - 108640:	10,370.00

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108641	4/30/25	DD	1624	JEFFREY D HALL	WPUDA Conf		1,154.49
108642	4/30/25	DD	3171	JODI A HENDERSON	WPUDA Conf		532.41
108643	4/30/25	DD	11027	HYAS GROUP	Consulting Fee		6,000.00
108644	4/30/25	DD	1202	ROBERT W INMAN	NWPPA Eng & Ops Conf		36.00
108645	4/30/25	DD	10660	IRBY ELECTRICAL UTILITIES	CLEVIS INSUL 4 SQ D		2,537.22
108646	4/30/25	DD	214	JACOBS & RHODES	REEP		800.00
					REEP		1,200.00
						Total for Check/Tran - 108646:	2,000.00
108647	4/30/25	DD	10886	JESKE INSPECTION & REPAIR	Annual Inspections		11,532.80
					Annual Inspections		-74.20
						Total for Check/Tran - 108647:	11,458.60
108648	4/30/25	DD	103	KENNEWICK, CITY OF	Monthly Billing		186.62
108649	4/30/25	DD	1580	JONATHAN L MEYER	WPUDA Conf		869.81
108650	4/30/25	DD	3343	MOSS ADAMS, LLP	Professional Svc		5,250.00
					Auditing Svc		4,200.00
						Total for Check/Tran - 108650:	9,450.00
108651	4/30/25	DD	11057	MICHELLE NESS	NWPPA Eng & Ops Conf		493.53
108652	4/30/25	DD	919	NOANET	W Deshcutes Ave		2,117.82
108653	4/30/25	DD	2176	PACIFIC OFFICE AUTOMATION, INC.	Monthly Bililng		210.08
					Monthly Billing		483.78
						Total for Check/Tran - 108653:	693.86
108654	4/30/25	DD	10095	PASCO TIRE FACTORY, INC.	tires		4,185.43
					tires		624.73
					Tires		1,437.87
						Total for Check/Tran - 108654:	6,248.03

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Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108655	4/30/25	DD	10672	PEAK LOAD MANAGEMENT ALLIANCE	Membership Dues		2,700.00
108656	4/30/25	DD	10671	PRINCIPAL BANK	EE Vision		81.14
					ER Vision		3,065.50
					EE Health		11,588.34
					ER Health		230,593.64
					EE Dental		494.44
					ER Dental		18,100.84
						Total for Check/Tran - 108656:	263,923.90
108657	4/30/25	DD	1161	PRINT PLUS	Smart Hub Prochures		-0.12
					Smart Hub Prochures		136.55
						Total for Check/Tran - 108657:	136.43
108658	4/30/25	DD	10951	RELIANCE STANDARD LIFE INSURAN	Self Insured STD		186.25
108659	4/30/25	DD	10947	RELIANCE STANDARD LIFE INSURAN	Basic AD&D		168.99
					Basic Life		844.95
					Non-Barg Basic AD&D		81.13
					Non-Barg Basic Dep Life		77.22
					Non-Barg Basic Life		1,078.63
					Supplemental AD&D - Child		8.46
					Supplemental AD&D - EE		546.60
					Supplemental AD&D - Spouse		232.95
					Supplemental Life - EE		2,118.00
					Supplemental Life -Child		52.36
					Supplemental Life -Spouse		411.40
					LTD Buy-Up		998.29
					LTD Core No Buy-Up		3,339.31
						Total for Check/Tran - 108659:	9,958.29
108660	4/30/25	DD	11152	RIVERLINE POWER, LLC	Benton City Feeder Buildout		85,105.76
108661	4/30/25	DD	2277	LORI K SANDERS	WPUDA Conf		866.34

Accounts Payable
Check Register

04/11/2025 To 05/01/2025

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
108662	4/30/25	DD	1250	JOHN P SCHAFER	NWPPA Eng & Ops Conf		23.00
108663	4/30/25	DD	821	SCHWEITZER ENGINEERING LABORAT	Material		7,168.86
108664	4/30/25	DD	3231	STRIPE RITE, LLC	Traffic Control Svc		1,137.00
108665	4/30/25	DD	1163	TYNDALE ENTERPRISES, INC.	Clothing-Clark		200.19
					Credit - Inv 3887215		-344.03
					Clothing-Eby/Faith		1,351.68
					Clothing-Clark		188.23
					Clothing - Eby		-0.81
					Clothing - Eby		867.68
						Total for Check/Tran - 108665:	2,262.94
108666	4/30/25	DD	193	UNITED PARCEL SERVICE OF AMERIC	Mailing Svc		47.66
108667	4/30/25	DD	11173	UTILITIES TECHNOLOGY COUNCIL	UTC Registration - Folta/Holbrook		3,780.00
					UTC Registration - Homer		1,890.00
						Total for Check/Tran - 108667:	5,670.00
108668	4/30/25	DD	10793	VAF INDUSTRIES, LLC	Ladder Clip, Stainless Steel		5,666.30
					Material		-458.30
						Total for Check/Tran - 108668:	5,208.00
108669	4/30/25	DD	11062	VESTIS SERVICES, LLC	Weekly Svc		-0.02
					Weekly Svc		18.41
						Total for Check/Tran - 108669:	18.39
108670	4/30/25	DD	205	WASHINGTON STATE AUDITOR'S OFFI	Energy Compliance Attestation		7,775.02
					Energy Compliance Attestation		190.10
						Total for Check/Tran - 108670:	7,965.12

Total Payments for Bank Account - 1 :	(137)	2,172,881.66
Total Voids for Bank Account - 1 :	(2)	10,587.00

Accounts Payable
Check Register

04/11/2025 To 05/01/2025

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Total for Bank Account - 1 :	(139)	2,183,468.66

Accounts Payable
Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
89904	4/16/25	CHK	2312	ALLEIMA SPECIAL METALS LLC	Industrial Energy Efficiency Prg		4,577.00
89905	4/16/25	CHK	258	APOLLO MECHANICAL CONTRACTOR	REEP		6,000.00
89906	4/16/25	CHK	259	BENTON FRANKLIN COMMUNITY ACT	Helping Hands		2,291.63
89907	4/16/25	CHK	3344	BOYD'S TREE SERVICE, LLC	Tree Trimming Svc		9,067.25
					Tree Trimming Svc		5,890.55
						Total for Check/Tran - 89907:	14,957.80
89908	4/16/25	CHK	32	CITY OF BENTON CITY	Occupation Tax		12,851.13
89909	4/16/25	CHK	1965	CITY OF UMATILLA	Lease Payment		3,504.37
89910	4/16/25	CHK	11154	ECONO LODGE KENNEWICK	Commercial Energy Efficiency Prg		37,200.00
89911	4/16/25	CHK	10169	FALCON SOFTWARE COMPANY, INC.	Software Support		1,687.50
89912	4/16/25	CHK	310	MOON SECURITY SERVICES, INC.	System Maintenance		1,001.13
89913	4/16/25	CHK	135	PROSSER, CITY OF	Occupation Tax		37,445.78
89914	4/16/25	CHK	379	PURMS JOINT SELF INSURANCE FUND	Property Policies		290,412.06
89915	4/16/25	CHK	141	RICHLAND, CITY OF	Occupation Tax		224.76
89916	4/16/25	CHK	142	ROGERS SURVEYING, INC. P.S.	Flagging Svc		1,125.00
					Right of Way Staking - SR397		11,500.00
						Total for Check/Tran - 89916:	12,625.00
89917	4/16/25	CHK	100	WASTE MANAGEMENT OF WASHINGT	Monthly Billing		1,068.98
					Monthly Billing		327.84
						Total for Check/Tran - 89917:	1,396.82
89918	4/16/25	CHK	10649	ZIPLY FIBER	Monthly Billing		115.63
89919	4/16/25	CHK	99999	CHICAGO TITLE PRODUCTION CENTE	Credit Balance Refund		193.87
89920	4/16/25	CHK	99999	CASSANDRA COMSTOCK	Credit Balance Refund		35.00

Accounts Payable Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
89921	4/16/25	CHK	99999	FANNIE MAE	Credit Balance Refund		41.31
89922	4/16/25	CHK	99999	HOPE ENTERTAINMENT LLC	Credit Balance Refund		19.83
89923	4/16/25	CHK	99999	NICHOLAS LINDSEY	Credit Balance Refund		72.95
89924	4/16/25	CHK	99999	TATJANA MIZERA	Credit Balance Refund		44.79
89925	4/16/25	CHK	99999	TABITHA OLDENKAMP	Credit Balance Refund		120.52
89926	4/16/25	CHK	99999	KARINA PULIDO	Credit Balance Refund		34.79
89927	4/16/25	CHK	99999	ANABELL REYNA	Credit Balance Refund		132.51
89928	4/16/25	CHK	99999	GENNADII SYMONCHUK	Credit Balance Refund		62.27
89929	4/16/25	CHK	99999	AMINA VELAGIC	Credit Balance Refund		45.82
89930	4/23/25	CHK	39	BENTON COUNTY	SEPA - BPUD/Sun Heaven East Sub & T-Line		500.00
89931	4/23/25	CHK	259	BENTON FRANKLIN COMMUNITY ACT	REEP		6,032.85
					REEP		12,726.86
						Total for Check/Tran - 89931:	18,759.71
89932	4/23/25	CHK	35	BENTON PUD - CUSTOMER ACCOUNT	Monthly Billing		270.88
89933	4/23/25	CHK	3344	BOYD'S TREE SERVICE, LLC	Tree Trimming Svc		9,299.74
					Tree Trimming Svc		6,841.23
						Total for Check/Tran - 89933:	16,140.97
89934	4/23/25	CHK	10630	CAMPBELL TRAINING SOLUTIONS, LL	Empowered Episodes		1,595.00
89935	4/23/25	CHK	243	FEDERAL EXPRESS CORP	Mailing Svc		9.13
89936	4/23/25	CHK	310	MOON SECURITY SERVICES, INC.	Monitoring Svc		227.43
					Monitoring Svc		271.27
					Monitoring Svc		102.05
					Monitoring Svc		102.05
					Monitoring Svc		102.05

Accounts Payable Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Monitoring Svc		169.92
						Total for Check/Tran - 89936:	974.77
89937	4/23/25	CHK	4244	RENEWAL BY ANDERSEN OF WASHIN	REEP		768.00
89938	4/23/25	CHK	141	RICHLAND, CITY OF	Fiber Lease		586.98
					Fiber Lease		586.98
					Fiber Lease		146.75
					Fiber Lease		293.49
					Fiber Lease		293.49
					Fiber Lease		293.49
					Fiber Lease		293.49
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		1,760.94
					Fiber Lease		293.49
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		293.49
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75
					Fiber Lease		146.75

Accounts Payable Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Fiber Lease		293.49
					Fiber Lease		146.75
					Fiber Lease		293.49
					Fiber Lease		146.75
					Fiber Lease		146.75
						Total for Check/Tran - 89938:	8,364.57
89939	4/23/25	CHK	992	VERIZON NORTHWEST	Monthly Billing		2,288.29
89940	4/23/25	CHK	10066	WATECH	Geospatial Initiative		-704.00
					Geospatial Initiative		8,704.00
						Total for Check/Tran - 89940:	8,000.00
89941	4/23/25	CHK	99999	ALVARO ARROYO	Credit Balance Refund		28.77
89942	4/23/25	CHK	99999	ISMAELA ASCENCIONCORNELIO	Credit Balance Refund		63.92
89943	4/23/25	CHK	99999	CAROL AULD	Credit Balance Refund		720.00
89944	4/23/25	CHK	99999	FRANCISCO BARRAGAN	Credit Balance Refund		16.91
89945	4/23/25	CHK	99999	CYNTHIA BAUTISTA	Credit Balance Refund		70.80
89946	4/23/25	CHK	99999	CONSTRUCTION MANAGEMENT SPECI	Credit Balance Refund		1,165.79
89947	4/23/25	CHK	99999	KANDI K D'HONDT	Credit Balance Refund		250.00
89948	4/23/25	CHK	99999	DARRELL DESMET	Credit Balance Refund		200.00
89949	4/23/25	CHK	99999	ESTATE OF LENORE KAY BALZER	Credit Balance Refund		80.06
89950	4/23/25	CHK	99999	MICHELLE G GALBRAITH	Credit Balance Refund		200.00
89951	4/23/25	CHK	99999	MERCEDES GALVAN	Credit Balance Refund		119.31
89952	4/23/25	CHK	99999	JOSE A GARCIA ALAVEZ	Credit Balance Refund		94.72
89953	4/23/25	CHK	99999	ALVIN C HARDING	Credit Balance Refund		1,000.00

Accounts Payable Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
89954	4/23/25	CHK	99999	HC6 LLC	Credit Balance Refund	350.00
89955	4/23/25	CHK	99999	IRMA M JANOSKY	Credit Balance Refund	500.00
89956	4/23/25	CHK	99999	KIMBERLY E KENNELL	Credit Balance Refund	400.00
89957	4/23/25	CHK	99999	LA MAISON DANA LLC	Credit Balance Refund	158.31
89958	4/23/25	CHK	99999	JAZMIN LAUREANO ORBE	Credit Balance Refund	28.93
89959	4/23/25	CHK	99999	SUSAN M LIND	Credit Balance Refund	650.00
89960	4/23/25	CHK	99999	MYA LOPEZ	Credit Balance Refund	83.87
89961	4/23/25	CHK	99999	LAURA MITHOUG	Credit Balance Refund	650.00
89962	4/23/25	CHK	99999	JESS MORGAN	Credit Balance Refund	200.00
89963	4/23/25	CHK	99999	ANGELO O OCHAM	Credit Balance Refund	400.00
89964	4/23/25	CHK	99999	BEVERLY J OLIVER	Credit Balance Refund	300.00
89965	4/23/25	CHK	99999	LINDA L OLSON	Credit Balance Refund	23.52
89966	4/23/25	CHK	99999	CASSANDRA R RATLIFF	Credit Balance Refund	13.19
89967	4/23/25	CHK	99999	OSVALDO RAZO	Credit Balance Refund	57.19
89968	4/23/25	CHK	99999	THOMAS L ROGERS SR	Credit Balance Refund	58.24
89969	4/23/25	CHK	99999	ELLICE A ROMANIK	Credit Balance Refund	400.00
89970	4/23/25	CHK	99999	MARLAINA K ROSANE	Credit Balance Refund	189.61
89971	4/23/25	CHK	99999	LYNDSEY ROY	Credit Balance Refund	42.15
89972	4/23/25	CHK	99999	WAYNE SCHWEIKERT	Credit Balance Refund	300.00
89973	4/23/25	CHK	99999	BROOKLYN SHULTZ	Credit Balance Refund	32.60
89974	4/23/25	CHK	99999	TODD R SPRONG	Credit Balance Refund	175.00

Accounts Payable
Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
89975	4/23/25	CHK	99999	SEAN STORY	Credit Balance Refund		300.00
89976	4/23/25	CHK	99999	PATRICIA L TRICKIT	Credit Balance Refund		334.82
89977	4/23/25	CHK	99999	RUTH A ZLATNIK	Credit Balance Refund		300.00
89978	4/30/25	CHK	11150	2909 QUILLAN, LLC	Commercial Energy Efficiency Prg		5,400.00
89979	4/30/25	CHK	2425	AT&T MOBILITY, LLC	Monthly Billing		5.45
89980	4/30/25	CHK	39	BENTON COUNTY	County GIS Prints		28.00
89981	4/30/25	CHK	259	BENTON FRANKLIN COMMUNITY ACT	Helping Hands		2,769.06
89982	4/30/25	CHK	614	BOB RHODES HEATING & AC, INC.	REEP		200.00
89983	4/30/25	CHK	11144	COLUMBIA PLAZA, LLC	REEP		11,400.00
89984	4/30/25	CHK	233	INTERMOUNTAIN WEST INSULATION	REEP		2,240.16
89985	4/30/25	CHK	103	KENNEWICK, CITY OF	Industrial Energy Efficiency Prg		18,000.00
89986	4/30/25	CHK	3286	PACIFIC FIRE INSPECTION SERVICES	Fire Inspection Svc		1,095.00
					Fire Inspection Svc		440.00
						Total for Check/Tran - 89986:	1,535.00
89987	4/30/25	CHK	128	PERFECTION GLASS, INC.	REEP		372.00
89988	4/30/25	CHK	10671	PRINCIPAL BANK	Investment Safekeeping Svc		1,000.00
89989	4/30/25	CHK	2648	RAILROAD MANAGEMENT COMPANY	License Fees		417.05
					License Fees		417.05
						Total for Check/Tran - 89989:	834.10
89990	4/30/25	CHK	11141	RED LION INN & SUITES	Commercial Energy Efficiency Prg		42,000.00
89991	4/30/25	CHK	11056	SAFE HARBOR SUPPORT CENTER	Commercial Energy Efficiency Prg		1,600.00
89992	4/30/25	CHK	1482	SILVER BOW ROOFING, INC.	REEP		480.00

Accounts Payable Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					REEP		480.00
					REEP		678.00
					REEP		480.00
					REEP		678.00
					REEP		678.00
					REEP		480.00
					REEP		480.00
					REEP		678.00
					REEP		678.00
					REEP		678.00
					REEP		270.00
					REEP		678.00
					REEP		678.00
					REEP		678.00
					REEP		678.00
						Total for Check/Tran - 89992:	9,450.00
89993	4/30/25	CHK	992	VERIZON NORTHWEST	Monthly Billing		377.42
					Monthly Billing		2,147.60
					Monthly Billing		226.95
					Monthly Billing		346.91
					Monthly Billing		360.09
					Monthly Billing		116.94
					Monthly Billing		319.62
						Total for Check/Tran - 89993:	3,895.53
89994	4/30/25	CHK	11153	WALLACE PROPERTIES - KENNEWICK	REEP		8,863.00
89995	4/30/25	CHK	99999	TIM BABCOCK	Credit Balance Refund		200.00
89996	4/30/25	CHK	99999	JESSICA L FINCH	Credit Balance Refund		200.00
89997	4/30/25	CHK	99999	CHRIS FLODIN	Credit Balance Refund		375.00

Accounts Payable
Check Register

04/11/2025 To 05/01/2025

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
89998	4/30/25	CHK	99999	KENNETH L JOLLEY	Credit Balance Refund	300.00
89999	4/30/25	CHK	99999	FRANCIS JORDAN	Credit Balance Refund	225.00
90000	4/30/25	CHK	99999	TIM A MAKEEFF	Credit Balance Refund	200.00
90001	4/30/25	CHK	99999	DANIEL E MURCHISON	Credit Balance Refund	400.00
90002	4/30/25	CHK	99999	STONEE D PICARD	Credit Balance Refund	200.00
90003	4/30/25	CHK	99999	MIGUEL PINEDA JR	Credit Balance Refund	200.00
90004	4/30/25	CHK	99999	RAMON R RIOS	Credit Balance Refund	500.00
90005	4/30/25	CHK	99999	ROSE SCHELL	Credit Balance Refund	525.00
90006	4/30/25	CHK	99999	SHERRY K WOODROME	Credit Balance Refund	225.00

Total Payments for Bank Account - 2 :	(103)	607,865.60
Total Voids for Bank Account - 2 :	(0)	0.00
Total for Bank Account - 2 :	(103)	607,865.60
Grand Total for Payments :	(240)	2,780,747.26
Grand Total for Voids :	(2)	10,587.00
Grand Total :	(242)	2,791,334.26

Accounts Payable
Check Register

ALL

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
7258	4/10/25	WIRE	2205	UNITED STATES TREASURY	Federal Income Tax		80,359.61
					Medicare - Employee		10,570.73
					Medicare - Employer		10,570.73
					Social Security - Employee		45,199.23
					Social Security - Employer		45,199.23
						Total for Check/Tran - 7258:	191,899.53
7259	4/10/25	WIRE	171	WASH STATE DEPT RETIREMENT SYS	ER PERS		64,845.14
					PERS Plan 2		41,956.19
					PERS Plan 3A 5% All Ages		1,419.22
					PERS Plan 3B 6% Age 35-45		296.76
					PERS Plan 3D 7% All Ages		316.18
					PERS Plan 3E 10% All Ages		1,426.57
						Total for Check/Tran - 7259:	110,260.06
7260	4/10/25	WIRE	2205	UNITED STATES TREASURY	Federal Income Tax		51,020.24
					Medicare - Employee		3,362.70
					Medicare - Employer		3,362.70
					Social Security - Employee		14,378.44
					Social Security - Employer		14,378.44
						Total for Check/Tran - 7260:	86,502.52
7261	4/11/25	WIRE	3012	WHITE CREEK PUBLIC LLC	Cash Call - White Creek		2,419.20
					Cash Call		210.00
						Total for Check/Tran - 7261:	2,629.20
7262	4/11/25	WIRE	171	WASH STATE DEPT RETIREMENT SYS	Old Age Survivors Insurance		76.84
7263	4/11/25	WIRE	1567	ICMA RETIREMENT CORP	457(b) Leave EE Contribution		1,288.60
					457(b) Roth EE Contribution		16,177.92
					ER Def Comp 401		20,858.96
					ER Def Comp 457		3,031.16
					Plan A 457(b) Employee Contribution		5,837.88
					Plan B 457(b) Employee Contribution		27,291.22

Accounts Payable
Check Register

ALL

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Plan C 401(a) Option 1 EE Contribution		3,601.72
					Plan C 401(a) Option 2 EE Contribution		1,816.28
					Plan C 401(a) Option 3 EE Contribution		582.73
					Plan C 401(a) Option 4, Step 2 EE Contri		1,515.68
					Plan C 401(a) Option 4, Step 3 EE Contri		1,520.76
					Plan C 401(a) Option 4, Step 4 EE Contri		1,698.58
					Plan C 401(a) Option 5, Step 4 EE Contri		1,470.17
					Plan C 457(b) Employee Contribution		8,239.55
					457 EE Loan Repayment #1		3,617.20
					457 EE Loan Repayment #2		168.00
					457 EE Loan Repayment #3		57.03
					457 EE Loan Repayment #4		71.97
					457(b) Roth EE Contribution		17,304.61
						Total for Check/Tran - 7263:	116,150.02
7265	4/4/25	WIRE	10084	CITI MERCHANT SERVICES	Merchant Fees		42,722.15
7266	4/15/25	WIRE	436	BANK OF AMERICA	Banking Fees		910.16
7267	4/15/25	WIRE	2570	THE ENERGY AUTHORITY, INC.	Purchased Power		32,784.79
7268	4/18/25	WIRE	2902	WHITE CREEK WIND I, LLC	Purchased Power		36,215.00
7271	4/18/25	WIRE	169	ENERGY NORTHWEST	Purchased Power		137,003.24
7273	4/24/25	WIRE	2205	UNITED STATES TREASURY	Federal Income Tax		85,764.24
					Medicare - Employee		11,244.69
					Medicare - Employer		11,244.69
					Social Security - Employee		48,080.68
					Social Security - Employer		48,080.68
						Total for Check/Tran - 7273:	204,414.98
7274	4/24/25	WIRE	171	WASH STATE DEPT RETIREMENT SYS	ER PERS		68,084.88
					PERS Plan 2		43,852.99
					PERS Plan 3A 5% All Ages		1,653.93

Accounts Payable Check Register

ALL

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					PERS Plan 3B 6% Age 35-45		304.08
					PERS Plan 3D 7% All Ages		328.16
					PERS Plan 3E 10% All Ages		1,501.79
						Total for Check/Tran - 7274:	115,725.83
7275	4/24/25	WIRE	246	BONNEVILLE POWER ADMIN	Purchased Power		3,863,308.00
7276	4/25/25	WIRE	1567	ICMA RETIREMENT CORP	457(b) Leave EE Contribution		15,108.26
					457(b) Roth EE Contribution		18,776.74
					ER Def Comp 401		21,582.77
					ER Def Comp 457		3,220.52
					Plan A 457(b) Employee Contribution		5,422.60
					Plan B 457(b) Employee Contribution		25,471.54
					Plan C 401(a) Option 1 EE Contribution		3,703.33
					Plan C 401(a) Option 2 EE Contribution		1,798.59
					Plan C 401(a) Option 3 EE Contribution		596.03
					Plan C 401(a) Option 4, Step 2 EE Contri		1,738.24
					Plan C 401(a) Option 4, Step 3 EE Contri		1,558.61
					Plan C 401(a) Option 4, Step 4 EE Contri		1,741.09
					Plan C 401(a) Option 5, Step 4 EE Contri		1,430.97
					Plan C 457(b) Employee Contribution		8,880.56
					457 EE Loan Repayment #1		3,617.20
					457 EE Loan Repayment #2		168.00
					457 EE Loan Repayment #3		57.03
					457 EE Loan Repayment #4		71.97
						Total for Check/Tran - 7276:	114,944.05
7277	4/28/25	WIRE	11119	KEREC CO., LTD	Transformers		-25,821.60
					Transformers		322,621.60
						Total for Check/Tran - 7277:	296,800.00
7278	4/28/25	WIRE	424	WASH STATE DEPT REVENUE-EXCISE	Utility Tax		373,026.04
					Use Tax		21,840.12

Accounts Payable
Check Register

ALL

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
					Retailing & Wholesaling Tax		984.69
					Retail Sales Tax - Kennewick		514.41
					Service Tax		9,212.40
					Total for Check/Tran - 7278:		405,577.66
					Total for Bank Account - 1 :	(17)	5,757,924.03
					Grand Total :	(17)	5,757,924.03

BENTON PUD - RESIDENTIAL CONSERVATION REBATE DETAIL

Date	Customer	Rebate Amount	Rebate Description
04/10/2025	MICHAEL A DAVIS	$ 30.00	Rebate - Clothes Washer
04/17/2025	JACK J BUTERBAUGH	$ 30.00	Rebate - Clothes Washer
04/17/2025	SHERRY GILLIAND	$ 30.00	Rebate - Clothes Washer
04/17/2025	DEBORAH O'LEARY	$ 30.00	Rebate - Clothes Washer
04/17/2025	ANDREW P SHOEMAKER	$ 30.00	Rebate - Clothes Washer
04/17/2025	SHAHAYLA NAMOCK	$ 30.00	Rebate - Clothes Washer
04/24/2025	RHONDA NISSEN	$ 30.00	Rebate - Clothes Washer
04/10/2025	MICHAEL A DAVIS	$ 50.00	Rebate - Clothes Dryer
04/17/2025	JACK J BUTERBAUGH	$ 50.00	Rebate - Clothes Dryer
04/17/2025	SHERRY GILLIAND	$ 50.00	Rebate - Clothes Dryer
04/17/2025	DEBORAH O'LEARY	$ 50.00	Rebate - Clothes Dryer
04/17/2025	ANDREW P SHOEMAKER	$ 50.00	Rebate - Clothes Dryer
04/17/2025	KIMBERLY KHALIL	$ 100.00	Rebate - Smart Thermostat
04/10/2025	JIM D MIKESELL	$ 250.00	Rebate - Electric Vehicle
04/24/2025	EVAN P BATES	$ 250.00	Rebate - Electric Vehicle
04/24/2025	MARK M MALLOY	$ 900.00	Rebate - Heat Pump Water Heater
		$ 1,960.00	

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	Performance Measurement Report – 1st Quarter 2025	
Authored by:	Kent Zirker	Staff Preparing Item
Presenter:	N/A	Staff Presenting Item (if applicable or N/A)
Approved by:	Jon Meyer	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager/Asst GM

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☒ Consent Agenda	☐ Pass Motion	☐ Decision / Direction
☐ Business Agenda	☐ Pass Resolution	☒ Info Only
☐ Public Hearing	☐ Contract/Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

None.

Background/Summary

Performance measurement is a process that assesses the effectiveness of organizations or work groups in achieving their mission and objectives. District staff have developed 17 performance measures aligned with District values. The District's performance measurement program focuses on high-level measures that provide information to staff, the Commission, and the public as to the performance of the District in key areas. The report is available on the District's website, consistent with our objective to openly provide information to our stakeholders allowing them to measure the effectiveness of our performance.

During the 1st quarter, 16 of the 17 performance measures were rated green as having positive quarterly performance and one was yellow.

Recommendation

Staff have prepared and will review the Performance Measurement Report for the 1st quarter of 2025. The report provides a review of the actual vs target performance for measurements.

Fiscal Impact

N/A

2025 PERFORMANCE MEASURES

Q1	Q2	Q3	Q4	Telephone Service Level	Annette Cobb	*Page 2*
Q1	Q2	Q3	Q4	Electronic Payments	Annette Cobb	*Page 3*
Q1	Q2	Q3	Q4	Service Order Process	Michelle Ness	*Page 4*
Q1	Q2	Q3	Q4	Rates	Keith Mercer	*Page 5/6*
Q1	Q2	Q3	Q4	Back Bill Rate	Annette Cobb	*Page 7*
Q1	Q2	Q3	Q4	Reserves/Days Cash on Hand	Keith Mercer	*Page 8*
Q1	Q2	Q3	Q4	O&M/Capital	Kent Zirker	*Page 9*
Q1	Q2	Q3	Q4	O&M Costs per Customer	Kent Zirker	*Page 10*
Q1	Q2	Q3	Q4	Collections	Annette Cobb	*Page 11*
Q1	Q2	Q3	Q4	Safety	Steve Hunter	*Page 12*
Q1	Q2	Q3	Q4	Safety Training & Meetings	Karen Dunlap	*Page 13*
Q1	Q2	Q3	Q4	Conservation I-937	Chris Johnson	*Page 14*
Q1	Q2	Q3	Q4	Broadband Network Reliability	Chris Folta	*Page 15*
Q1	Q2	Q3	Q4	Electric Reliability	Evan Edwards	*Page 16/17*
Q1	Q2	Q3	Q4	Electric System Outages	Evan Edwards	*Pages 18 - 20*
Q1	Q2	Q3	Q4	Enterprise Application Reliability	Jennifer Holbrook	*Page 21*
Q1	Q2	Q3	Q4	Infrastructure Component Reliability	Duane Crum	*Page 22*

The color assigned for each measure is a subjective evaluation of both the quarterly results, shown in the quarterly squares as well as the year-to-date review for the calendar year compared to established targets, shown in the large box. The legend below provides general guidance for assigning colors.

- Positive performance - positive year review and exceeding quarterly expectation
- Improvement needed - concern about year review and less than quarterly expectation
- Adverse performance - negative year review and negative quarterly performance
- Data not available or no activity during the quarter

Performance Measure Title

Telephone Service Level (Customer Service Queue)

2025 Status			
Q1	Q2	Q3	Q4
✓			
Outlook: ✓			

Definition

Measures the timeliness of answering calls routed to the Customer Service queue and the effectiveness of department staff in terms of monitoring and managing the call queue. Staff strives to answer most calls within 120 seconds.

How Performance Measure is Computed

The performance measure is calculated by dividing the number of calls answered within 120 seconds by the total number of calls answered that month. The monthly percentage is graphed and analyzed on an XmR chart. Current central line and process limits are calculated based on data from June 2024 through March 2025. (For more information on XmR charts, see Appendix A.)

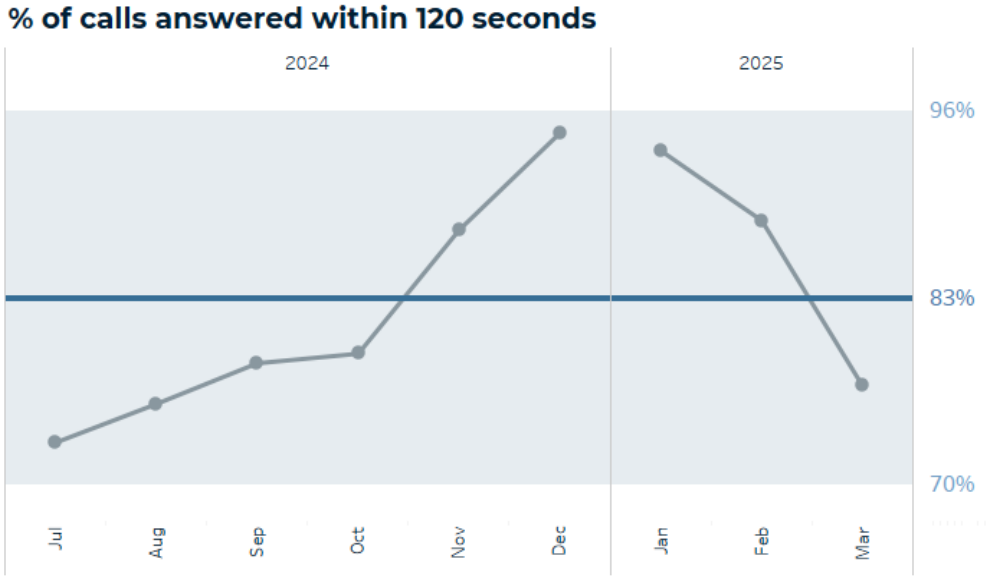
Performance Rating	
Green ✓	performance within limits, no unfavorable signal
Yellow △	showing an unfavorable signal, no action needed to correct
Red ✗	showing an unfavorable signal, action needed to correct

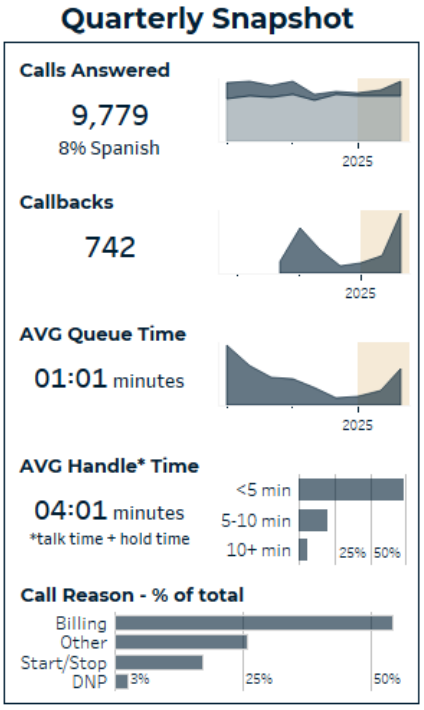
Performance Measure Objectives

The current objective is to carefully monitor the Customer Service queue and maintain telephone service levels within normal limits amid evolving business practices. Managing the queue will allow staff to assess performance expectations and then set future goals that are informed and appropriate. Staff will also track and present supplementary phone queue data in addition to the XmR chart. While these additional metrics do not directly influence performance ratings, they provide valuable insights into aspects of the queue experience beyond call response times, helping to inform and refine future objectives.

Quarterly Performance Summary

The revised telephone service level was within normal limits during Q1. The central line is currently set at 83% with normal performance expected within ±13% of that. The rating for the quarter is green and the outlook is positive. Supplementary metrics showed an increase in all categories, primarily due to high bills and disconnects coming out of winter. The primary reason customers called was billing issues or questions.





Additional Comments
N/A

Responsible Manager: Annette Cobb Data Provider: Kristen Demory Report Date: 4/21/2025

Performance Measure Title

Electronic Payments

2025 Status			
Q1 ✓	Q2	Q3	Q4
Outlook: ✓			

Definition

Measures the percentage of total payments made to the District using electronic payment channels. Payment channels currently offered by the District include: Auto Pay, the SmartHub website and mobile application, the Integrated Voice Recognition (IVR) telephone system, Pay Now (one time payment via website), payment kiosks, and a customer's bank website. Providing multiple electronic payment channels is a customer convenience that can lead to increased satisfaction and further the District's efforts in customer engagement. Increasing the number of electronic payments can lower costs by reducing staff time and possible errors associated with manual processes.

How Performance Measure is Computed

Electronic payment percentage is calculated as the total number of electronic payments divided by the total number of all payments made that month. The monthly percentages are graphed and analyzed on an XmR chart. Current central line and process limits are calculated based on data from November 2023 through September 2024. (For more information on XmR charts, see Appendix A.)

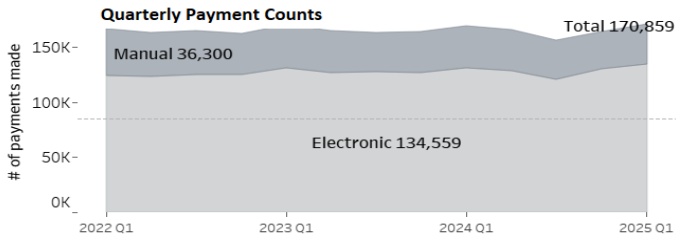
Performance Rating	
Green ✓	performance within limits, no unfavorable signal
Yellow △	showing an unfavorable signal, no action needed to correct
Red ✗	showing unfavorable signal, action needed to correct

Performance Measure Objectives

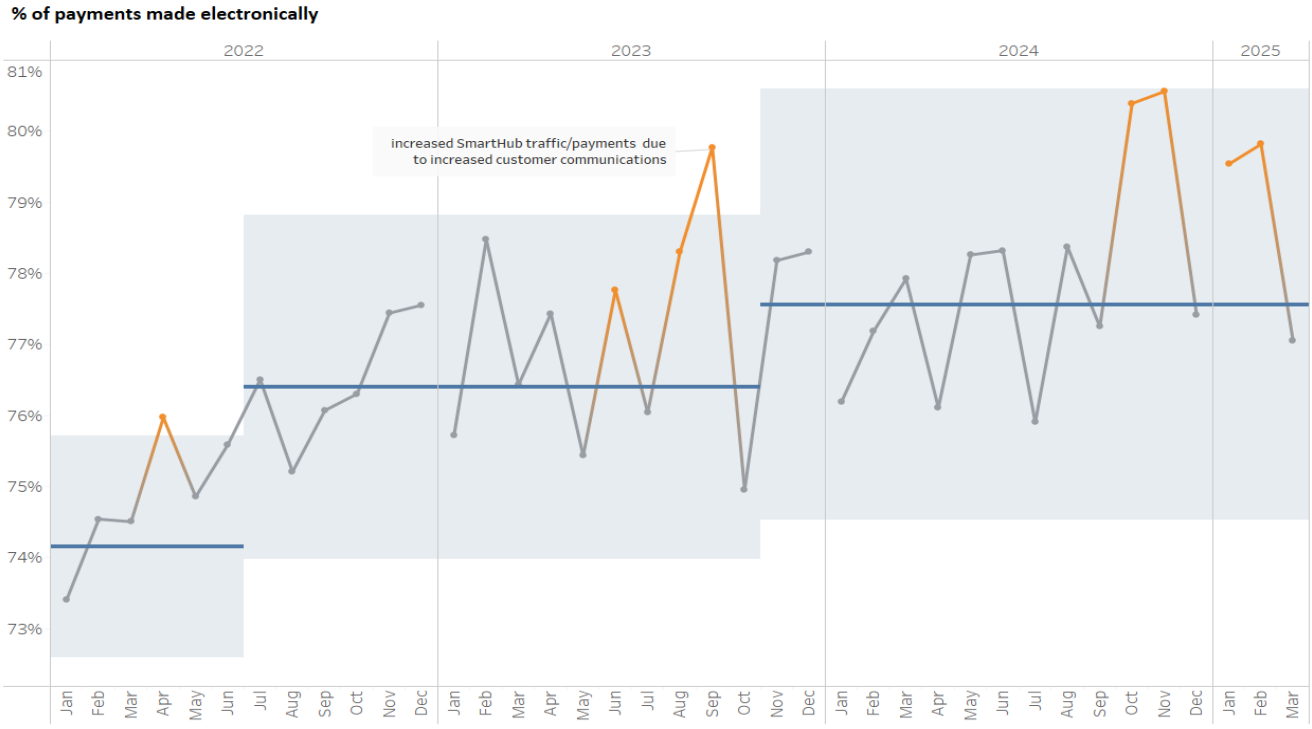
The current objective is to maintain performance within normal limits for at least six months. Customer adoption of several electronic payment channels is driving a continual upward trend that has repeatedly exceeded the upper limit. However, it is expected that the measure will eventually find a consistent level of performance. When the trend naturally levels out, staff will discuss further objectives.

Quarterly Performance Summary

Customer utilization of electronic payments was within normal limits during Q1, with a favorable short run signal resulting from continued customer adoption of Auto Pay and SmartHub App. The central line is currently set at 78% of customer payments made electronically, with normal performance expected within ± 3% of that. The rating for the year is green and the outlook is positive.



Payment Channels		# of payments this quarter	% of total	% of Total Change since 2024
Manual		36,300	21%	▼2%
Electronic: Auto Pay	Self Serve	53,285	31%	▲1%
Electronic: SmartHub App	Self Serve	24,889	15%	▲1%
Electronic: Pay Now	Self Serve	20,473	12%	▲1%
Electronic: SmartHub Web	Self Serve	19,589	11%	▼1%
Electronic: Bank Website		8,267	5%	▸0%
Electronic: IVR	Self Serve	7,300	4%	▼1%
Electronic: Kiosk	Self Serve	756	0%	▸0%



Responsible Manager: Annette Cobb Data Provider: Kristen Demory Report Date: 4/7/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Performance Measure Title
Service Order Time Tracking

Definition
Once a new or altered service is eligible for energization*, the following items will be measured:
1) Length of time it takes the Operations Center to energize a new service once Engineering has transitioned the electronic service order to them in the Work Management system, after the customer has met the criteria described by the * below.
2) Length of time it takes to set up the customer account in the Customer Information System (CIS) system for billing after Operations transitions it over to them from the Work Management system.
3) Total services include electric metered services and production meters installed for solar customers. Solar services are net metered customers with a second separate production meter for energy produced.
Eligible for energization is based on the customer meeting the following criteria: trench has been inspected on an underground service, fees have been paid, L & I state approval has been received, and customer is ready for power. The District has no control over the time span to energize a new or altered service until the criteria has been met.

How Connection Performance Measure is Computed - Table
After Engineering has released all holds in the Work Management system, the service order is transitioned to Operations. Performance is measured from the date received by Operations in CIS and the completion date of when the meter was set (energized).

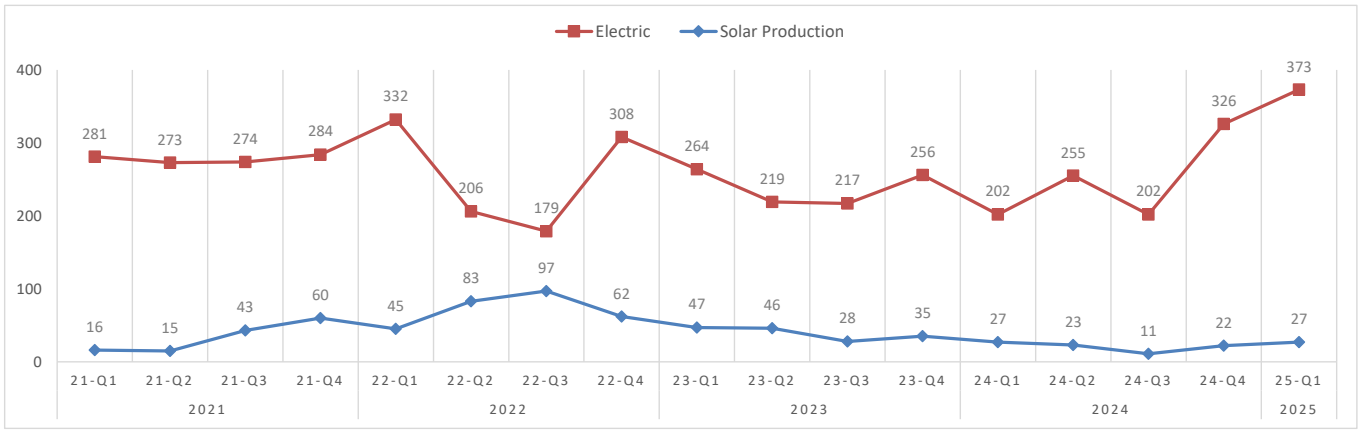
How CIS System Performance Measure is Computed - Table
This performance is measured from the date Customer Service receives the electronic Service Order from Operations, to the date Customer Service closes the electronic service order. This shows the average number of days for Customer Service to set up the customer account.

Goal
The goal is to energize new services within an average of 7 days after customer criteria has been met, then have the Service Order transitioned from Operations to Customer Service and have new accounts set up in CIS within an average of one week (5 days).

Rating Criteria:	Operations	Customer Service	Combined Rating
	7 days or less	5 days or less	Both green
	8 - 9 days	6 - 7 days	Either is yellow
	> 9 days	> 7 days	Either is red

	Q1		Q2		Q3		Q4	
In Days	Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual
Connection (Chart)	7	3.4	7		7		7	
CIS System	5	3.9	5		5		5	
Total new services count		229						

Quarterly Performance Summary
During the first quarter of 2025 it took on average 3.4 days for a new service to be energized once the customer had met all requirements, meeting the criteria of 7 days or less. The time from the service order being available to Customer Service to the account being activated was 3.9 days, meeting the criteria of 5 days or less. There were a total of 400 new services energized (373 electric, 27 solar production) in the quarter. We are green for the quarter and green for the outlook.



	2021	2022	2023	2024	2025
Electric	1112	1025	956	985	373
Solar Production	134	287	156	83	27
Total Services	1246	1312	1112	1068	400

Responsible Manager: Michelle Ness
Data Providers: Brenda Webb
Report Date: 4/30/2025

Performance Measure Title
Rate Comparisons

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Definition
This indicator compares the District's Residential monthly base charge and average monthly bill to other utilities in the Northwest. A benchmarking base amount of 1,300 kWh (energy), 7 kW (demand), and 30 days (base charge) is used for comparison purposes.

How Performance Measure is Computed
Gather current rates from 34 utilities throughout the Northwest and graph Benton PUD in relation to these utilities. Utilities selected for comparisons are a combination of Public Utility Districts, Cooperative Utilities, and Investor-Owned Utilities.

Goal
Performance will be measured based on a quarterly rate comparison. A green rating will be assigned if the District's average monthly bill is below the median, a yellow rating will be assigned if the District's average monthly bill is in the quartile above the median, and a red rating will be assigned if the District's average monthly bill is in the highest quartile. In addition, the average residential increases over a five year period as compared against the CPI-U annually will be factored into the rating and outlook. The Residential monthly base charge is shown for comparison purposes only.

Residential Average Monthly Bill

	Goal	Actual
Q1	< $136	$115
Q2		
Q3		
Q4		

Residential Monthly Base Charge Comparison

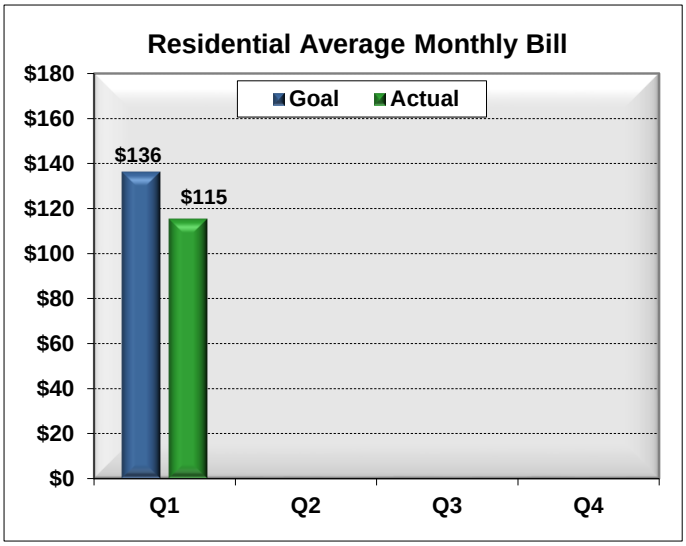
	COSA	Median	Actual
Q1	$38	$25	$19
Q2			
Q3			
Q4			

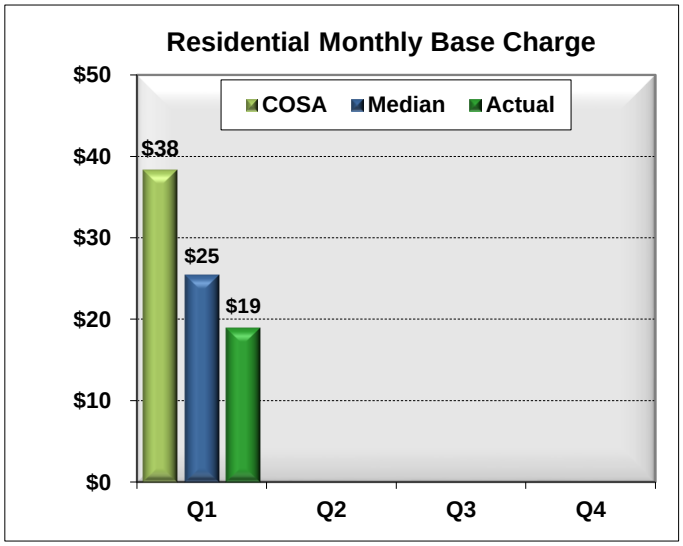
BPUD Avg Yearly Residential Rate Increase Compared to CPI-U*

	BPUD Avg Yearly % Increase	CPI-U* Avg Yearly % Increase
5 Year	0.0%	4.2%
10 Year	1.4%	2.9%
15 Year	2.1%	2.6%

*Consumer Price Index for All Urban Consumers (CPI-U) U.S. city average series for all items, not seasonally adjusted. The above percentages utilize the October to October CPI-U.

Quarterly Performance Summary
During Q1 2025 the District's Residential rates were below the median of comparable utilities for the average monthly bill so a green rating was assigned. In Q1, eight of the bench mark utilities had a residential rate changes; Eugene Water Elec. (6.9% overall increase), Inland Power (6.0% overall increase), Klickitat PUD (3.5% overall increase), Lewis PUD (7.1% overall increase), Mason PUD #3 (5.2% overall increase), Portland General Electric (8.4% overall increase), Puget Sound Energy (20.7% increase in energy), and Skamania PUD (3.7% overall increase).

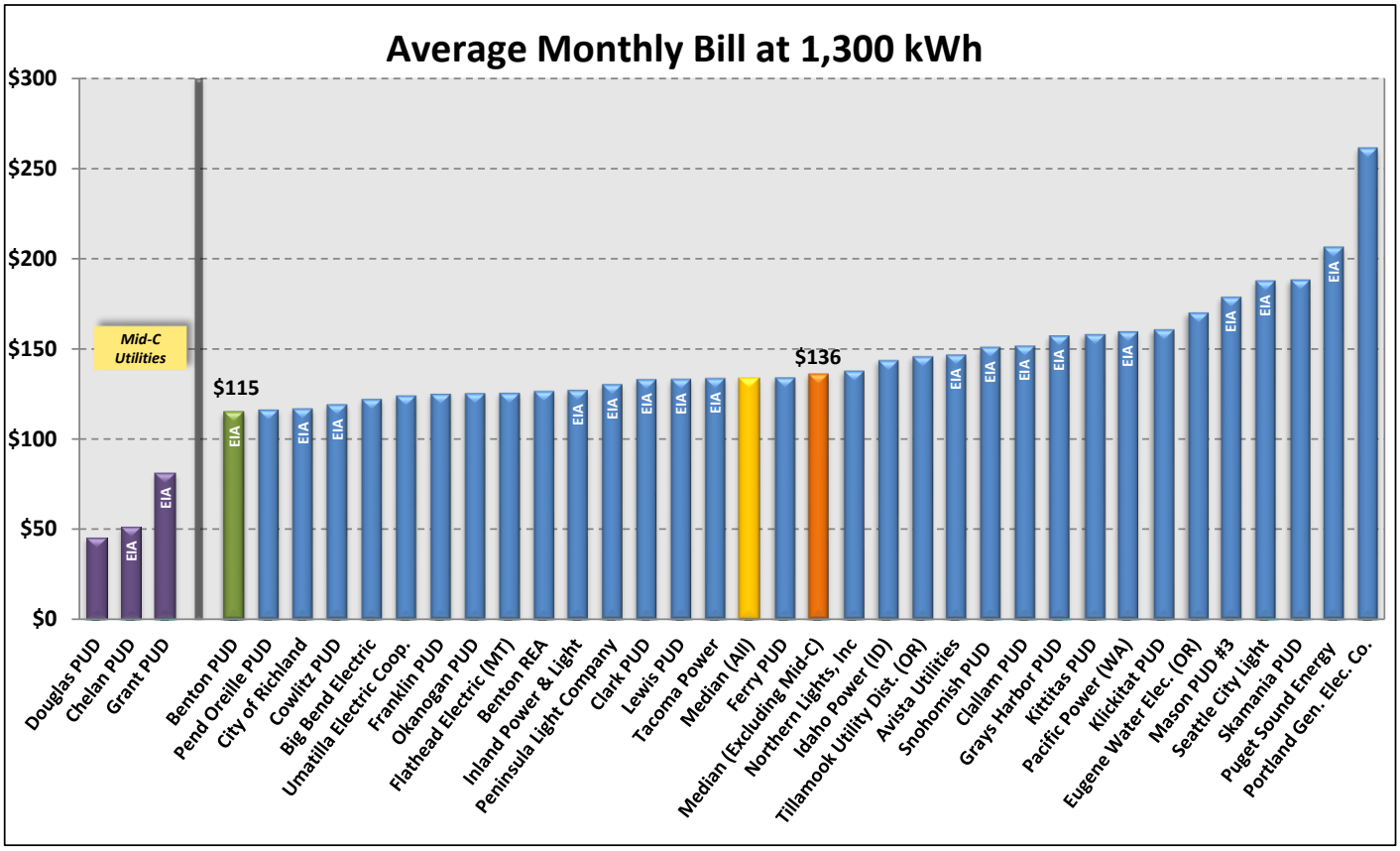


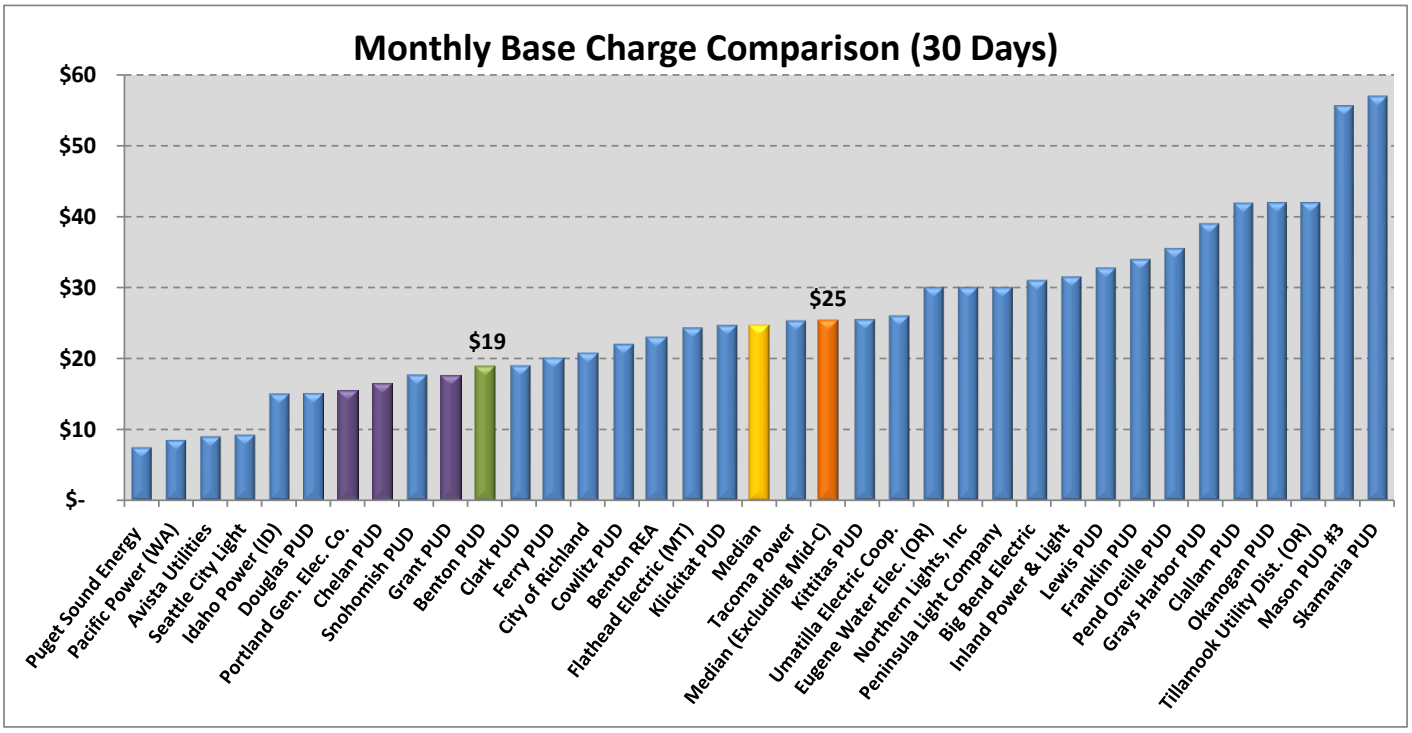


Responsible Manager: Keith Mercer

Data Provider: Katie Grandgeorge

Report Date: 4/23/2025





Average bill information has been calculated by Benton PUD staff using data from other utilities' websites. This bill calculation is Benton PUD's best effort to provide comparable information. Mid-C Utilities are utilities that own major hydro facilities.

Performance Measure Title

2025 Status			
Q1	Q2	Q3	Q4
●			
Outlook: ●			

Back Bills and Billing Corrections Due to District Errors

Definition

Back bills and bill corrections can have a significant impact on customers and on District staff. While some back bills are due to customer error (signing up for service at the wrong apartment or mislabeled meter bases), other back bills are preventable. Some examples of avoidable back bills include equipment failure that is overlooked for a period of time and results in a back bill of more than one month, or not transferring a low income discount when a customer moves. Only preventable back bills due to staff error, or those that were caused by equipment failure not detected in a timely manner, will be counted in this performance measure. When a significant back bill occurs, the rating could be assigned a yellow or red rating depending on the severity of the back bill. This rating would be assigned regardless of the number of back bills during the period.

How Performance Measure is Computed

On a quarterly basis, the number of back bills caused by the following reasons will be reported: defective meter, incorrect multiplier, service orders not processed in a timely manner, data entry error in CIS, missing low income discount, incorrect bill cycle, switched meters and data entry errors. Back bills are processed by the Billing Specialist and will be tracked in a spreadsheet that captures the number of back bills falling into these categories, and the nature of the back bill (i.e. customer error or District error). Each customer affected by a back bill will be counted as "1". For example, all customers affected by a District-caused meter switch will be counted.

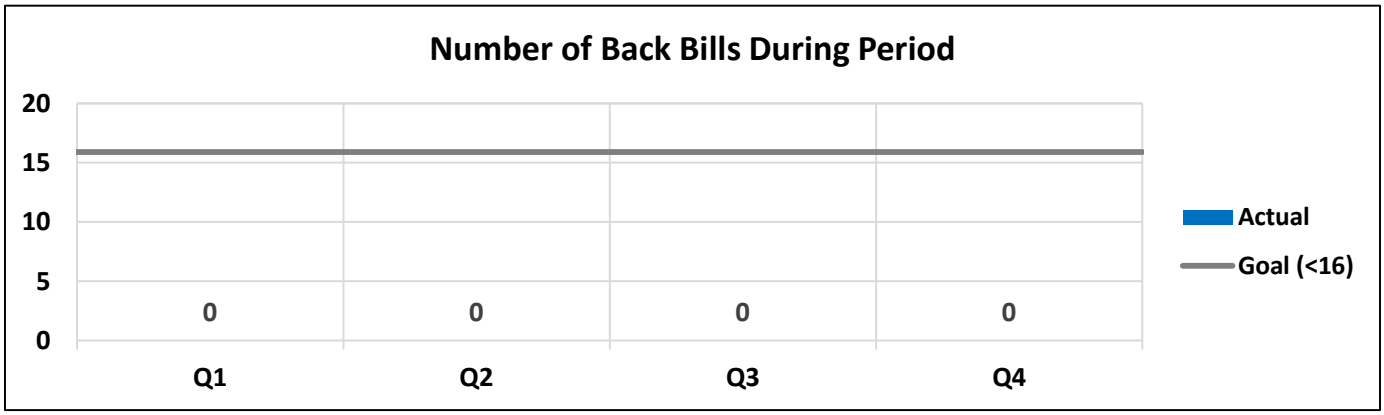
Goal

Fewer than 16 back bills each quarter.

		Number of Back Bills	
	Number of Bills Issued	Goal	Actual
Q1	145,532	<16	0
Q2	0	<16	0
Q3	0	<16	0
Q4	0	<16	0

Performance Rating	
Green ●	Fewer than 16
Yellow △	Between 16-24
Red ◆	Greater than 24

There were no reportable back bills in Q1 2025.



Responsible Manager: Annette Cobb

Data Provider: Annette Cobb

Report Date: 4/21/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Performance Measure Title

Unrestricted Reserves / Days Cash on Hand

Definition

Days Cash on Hand measures the number of days an enterprise can cover its operating expenses using unrestricted cash and investments and assuming no additional revenue is collected. Total Unrestricted Reserves include Minimum Operating Reserves and Designated Reserves, such as the Power Market Volatility Account, Customer Deposits Account, and Special Capital Account, as defined in the District's Financial Policies adopted by Resolution 2657 and reported in the monthly financial statements. Beginning in 2015, Minimum Operating Reserves are defined as 90 days cash on hand. This ratio is useful for measuring the relative strength of a utility's financial liquidity. It must be evaluated in conjunction with identified immediate risks to cash flow and compared to the number of days it takes for the utility to raise its rates and begin to receive additional revenues.

How Performance Measure is Computed

Days Cash on Hand is computed by multiplying the total unrestricted cash and investments by 365 and then dividing that result by the total operating expenses (excluding depreciation and amortization). Operating expenses will be based on the latest forecast at the end of each quarter.

Goal

The District's current Financial Policies establish a Minimum Operating Reserve of 90 Days Cash on Hand and require financial plans to maintain Days Cash on Hand to achieve or maintain the Targeted Bond Rating (median of public power utilities). Targeted Days Cash on Hand shall consider relevant and recent benchmark data published by rating agencies for similar rated utilities as well as input from the District's Financial Advisor and recent experience with Rating Agencies. Staff's recommended Targeted Days Cash on Hand is 104 days (Minimum Operating Reserves (90 days) plus the Power Market Volatility Account (14 days). This measure will be rated "green" if the Days Cash on Hand is at or above the recommended range (104 days), "yellow" if the year-end forecast for Days Cash on Hand is between the Minimum Operating Reserve (90 days) and the recommended range (104 days) or over 145 days with no forecasted drawdown, and "red" if the Days Cash on Hand is lower than the Minimum Operating Reserve. A "green" rating may be designated if reserves are over 145 days as a result of a bond issue and/or the financial forecast shows a rate increase in the next year.

DCOH	District Minimum	District Target	Actual
Q1	90	104 to 145	156
Q2	90	104 to 145	
Q3	90	104 to 145	
Q4	90	104 to 145	

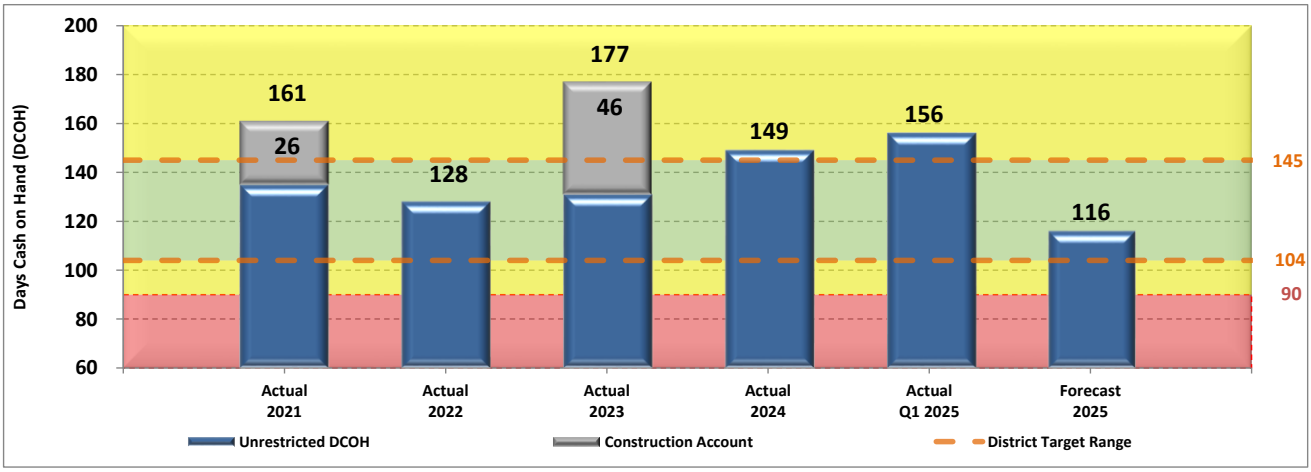
Reserves	Minimum	Budget	Actual
Q1	$33.12M	$53.25M	$56.91M
Q2			
Q3			
Q4			

Designated Reserves - Year-end Forecast*	
Description	**DCOH**
Minimum Operating Reserves	90
Power Market Volatility	14
Special Capital	0
Customer Deposits	2
Climate Commitment Act	10
Undesignated Reserves	0
Current 2025 Year-end Forecast	**116**
Construction Account	0
Total Year-End Forecast	**116**

*Designated reserve breakdown is decided by the Commission

Quarterly Performance Summary

At the end of Q1, the District reported 156 total Days Cash on Hand (DCOH). However, a green rating has been assigned due to the $6.5 million BPA invoice for February, which was issued later than usual and not due until April. Under normal circumstances, this invoice would have been paid in March, resulting in a lower month-end reserve balance and 138 total DCOH. Additionally, it is common for the District's unrestricted reserves to decline in the first quarter, primarily due to the annual state privilege tax payment of approximately $3.0 million made in February. DCOH levels naturally fluctuate throughout the year and across years, influenced by variables such as gross power costs, O&M expenditures, and retail revenues. The outlook is rated green.



Responsible Manager: Keith Mercer

Data Provider: Katie Grandgeorge

Report Date: 4/23/2025

Performance Measure Title

O&M / Net Capital

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Definition

This indicator measures the District's actual operations and maintenance (O&M) expenses vs. budget and the actual net capital expenditures vs. budget on a year-to-date basis. O&M expenses include transmission, distribution, broadband and all District internal costs and exclude power supply costs, taxes, depreciation, interest expense and other non-operating expenses. O&M and capital expenditures are a subset of all expenditures incurred by the District. While all costs are controllable by the District in the long-term, management has more direct control of these costs over the short-term and may more immediately impact District financial results through decisions in these areas.

How Performance Measure is Computed

The official budget that is approved by the Commission for the calendar year will represent the standard against which actual results are measured. The original budget is amended by the Commission during the 4th quarter of each year. Year-to-date O&M expenses and net capital expenditures will be compared to budget at the end of each quarter.

Goal

Meet the year-to-date budget projections.

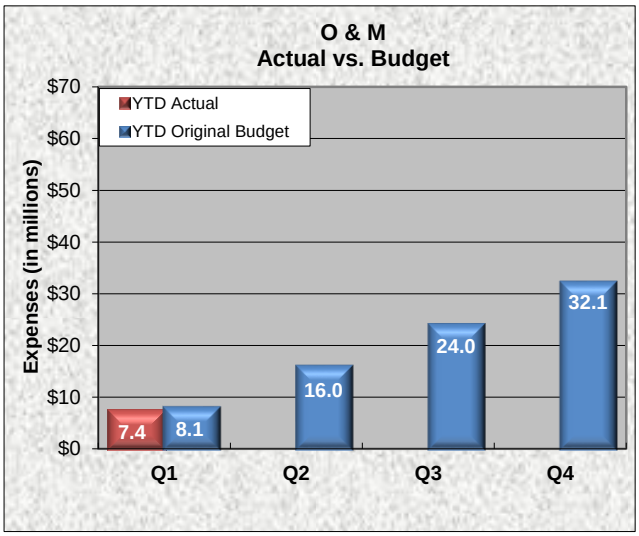
in millions

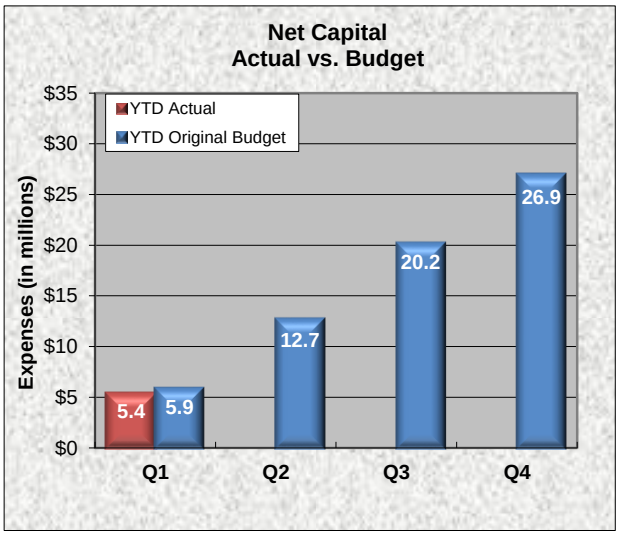
	O & M				Net Capital		
	YTD Original Budget	YTD Actual	% of Total Budget*		YTD Original Budget	YTD Actual	% of Total Budget*
Q1	$8.069	$7.359	23%	Q1	$5.920	$5.358	20%
Q2	$16.010		0%	Q2	$12.735		0%
Q3	$23.995		0%	Q3	$20.180		0%
Q4	$32.072		0%	Q4	$26.920		0%

** % of total original budget, **actuals do not include pension expense*

Quarterly Performance Summary

The numbers included in this calculation are based on preliminary financial data. O&M expenses of $7.4 million through the first quarter are 8.8% or about $0.7 million under the the original budget. A large portion of the variance to budget is under-runs in system costs (electric construction contracts and small tools & materials) and dues & assessments. Net capital expenditures of $5.4 million through the first quarter are 9.5% or $0.5 million under the original net capital budget. The variance is primarily related to repair and replace projects (cable replacement and other maintenance). These measures are rated green for the quarter and outlook.





Responsible Manager: Kent Zirker
Data Provider: Janelle Herrington

Report Date: 4/29/2025

Performance Measure Title
O&M Costs per Customer

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Definition
This performance measure will track the District's non-power operating and maintenance (O&M) costs per customer, excluding broadband and reimbursable mutual aid costs and including bad debt expense. O&M expenses are a subset of all expenditures incurred by the District. While all costs are controllable by the District in the long-term, management has more direct control of O&M costs over the short-term and may more immediately impact District financial results through decisions in these areas.

How Performance Measure is Computed
Actual O&M expenses, excluding broadband and reimbursable mutual aid costs and including bad debt expense, as reported in the financial statements will be divided by the average number of active service agreements on a rolling 12-month basis. Results at the end of each quarter will be compared to the 2025 calculated budget of $535 per customer. The 2025 calculated amount was developed from the 2025 budget of $532 per customer incremented by $200,000 or $3 per customer to allow for variations in the level of internal labor charged to capital projects vs expense. A rating of green will be assigned if the O&M costs per customer are less than 2% above budget; a rating of yellow will be assigned if the O&M costs per customer are more than 2% but less than 3% above budget; a rating of red will be assigned if the O&M costs per customer are more than 3% above budget.

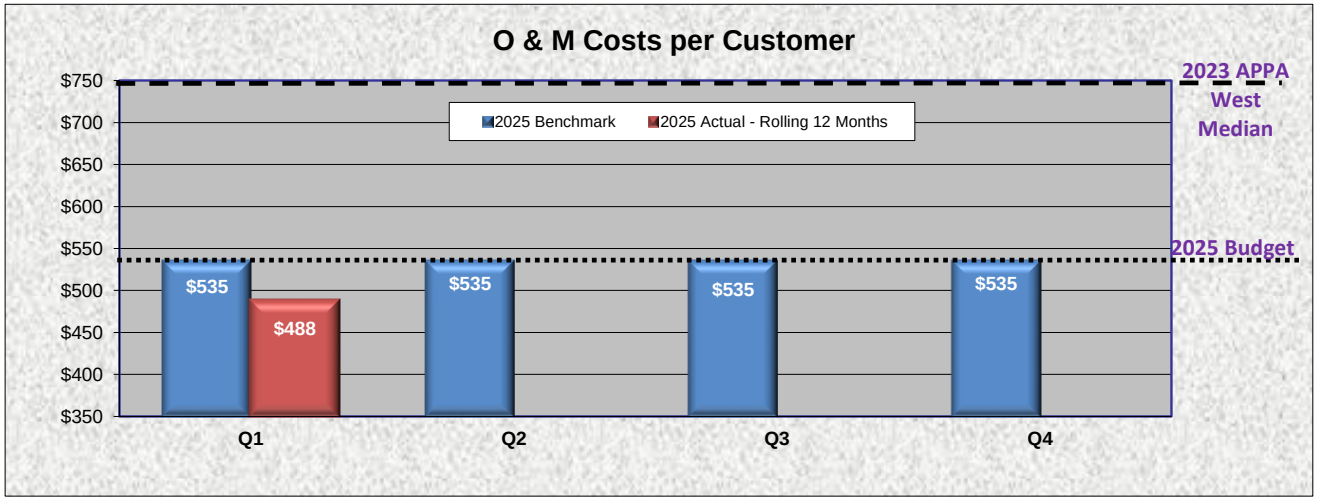
Goal
Maintain or decrease the O&M costs per customer as compared to the 2025 budget of $535 per customer.

	O & M	
	2025 Budget	2025 Actual
Q1	$535	$488
Q2	$535	
Q3	$535	
Q4	$535	

Information Only	Stated Year Dollars	2025[1] Dollars
Benton PUD - CY 2023 Actual*	$443	$470
Benton PUD - CY 2024 Actual*	$463	$477
Benton PUD - CY 2025 Budget*	$535	$535
APPA - 2022 West median[2]	$605	$661
APPA - 2023 West median[2]	$700	$743

** includes bad debt expense, does not include GASB pension entry*
(1) Escalated at 3% per year
(2) Selected Financial and Operating Ratios of Public Power Systems survey
(Note: accounting for payroll taxes and benefits may vary among utilities)

Quarterly Performance Summary
The numbers included in this calculation are based on preliminary financial data. O&M costs per customer on a rolling 12-month basis at the end of the first quarter were $488, which is 8.8% below the budget amount. The budget amount is calculated based on information from the original budget. A large portion of the variance to the original budget is under-runs in general administration expenses, outside services, and system costs. The District continues to be well below the APPA West median of $743.



Responsible Manager: Kent Zirker

Data Provider: Janelle Herrington

Report Date: 4/29/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook:			

Performance Measure Title

Accounts Receivable Collections

Definition

Percentage of accounts receivable that are outstanding and less than 60 days after billing.

How Performance Measure is Computed

The percentage is calculated by dividing the amount of accounts receivable under 60 days by the total amount of accounts receivable for electric customers. This measure does not include miscellaneous accounts receivable, such as power billings or cost reimbursements.

Goal

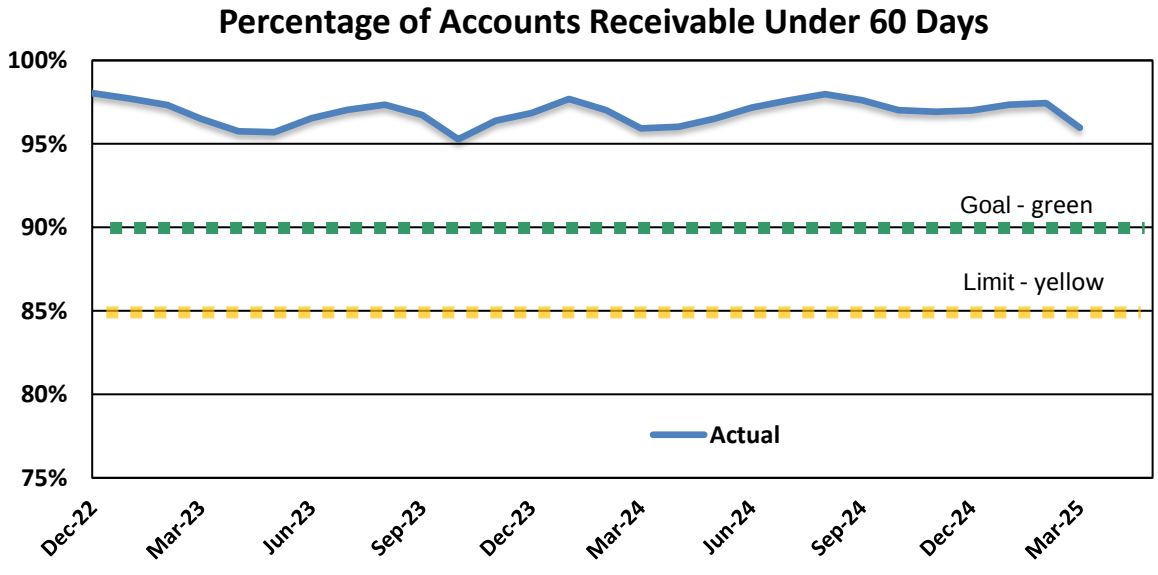
The goal is to increase the percentage of accounts receivable under 60 days to a level of 90% or more of the total accounts receivable. A green rating will be achieved if the actual results are at 90% or higher; a yellow rating will be assigned if the actual results are between 85% to 90%; a red rating will be assigned if the actual results are below 85%.

			Actual
Q1	90%	Q1	96%
Q2	90%	Q2	
Q3	90%	Q3	
Q4	90%	Q4	

Performance Rating	
Green	>= 90%
Yellow	85% - 89%
Red	< 85%

Quarterly Performance Summary

The monthly percentage of outstanding accounts receivable under 60 days including inactive accounts were 97%, 97%, and 96% respectively during Q1. The quarter and outlook are rated green.



Responsible Manager: Annette Cobb

Data Provider: Kent Zirker

Report Date: 4/18/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Performance Measure Title

Safety

Definition

The measure will benchmark reportable injuries or illnesses as recorded on the OSHA 300 log. The summary will specify incidents and look for trends and opportunities to correct through training, retraining, work procedure changes, engineering controls or other reasonable actions to address.

How Performance Measure is Computed

We will use the OSHA Form 300A "Summary of Work Related Injuries and Illnesses" for safety benchmarking against the Bureau of Labor Statistic numbers published each year. The basic requirement for recording an illness or injury is if it results in any of the following: death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, loss of consciousness, or a significant injury or illness diagnosed by a physician or other licensed health care professional. The incidence rates are calculated according to the following formula: (N/EH) x 200,000 where N = number of incidents for the previous 12-months and EH = total hours worked by all employees during the same 12-month period. The 200,000 is the constant for 100 full-time workers working 40 hours per week for 50 weeks per year.

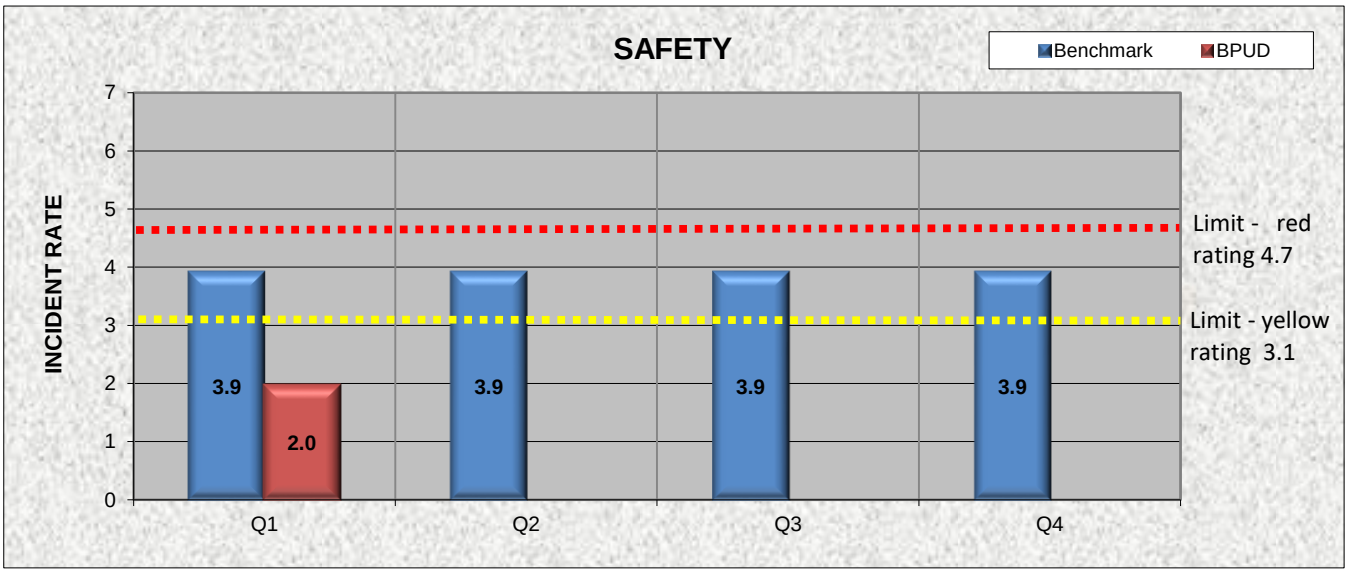
Benchmark (not to exceed)

The benchmark is to be less than the Total Recordable Cases as published annually by the Bureau of Labor Statistics. This figure changes annually as a result of OSHA 300 log reports. This measure will be rated green if BPUD calculated reportable incidents are below 80% of the benchmark, yellow if they are between 80%-120% of the benchmark, and red if they are over 120% of the benchmark or as a result of a serious injury and/or Labor and Industries citation.

	Benchmark	BPUD
Q1	3.9	2.0
Q2	3.9	
Q3	3.9	
Q4	3.9	

Quarterly Performance Summary

There were three incidents reported on the OSHA 300 form in the last 12 months (April 1, 2024 - March 31, 2025):
~ 02.13.25: Journeyman Lineman was stripping wire and cut thumb with knife. – No lost time
~ 12.17.24: Journeyman Lineman cut right hand while skinning jacketed wire - no lost time
~ 09.24.24: Mechanic strained right elbow pulling copper wire - no lost time



Responsible Manager: Steve Hunter

Data Provider: Gabrielle Purdom

Report Date: 4/17/2025

Performance Measure Title

2025 Status			
Q1 ✓	Q2	Q3	Q4
Outlook: ✓			

Safety Meeting and Training Attendance

Definition

This performance measure reflects the results achieved in meeting the safety program training and participation goals for the quarter. The training goal includes those trainings sponsored by the District and where attendance is required. The participation aspect includes non-training activities that depend upon employee involvement. The goal is to ensure the majority of scheduled participants attend the trainings or meetings while allowing flexibility for those on protected leave. Failing to achieve the goals may reflect other legitimate schedule conflicts, ineffective course frequency or length, priority-setting improvements needed for participants and/or their managers, or other interfering factors.

How Performance Measure is Computed

The target is derived each quarter based on the group participation goals approved by the Central Safety Committee and Leadership Team. It is the percentage of training/meeting attendendance against the expected attendance, as well as the number of Operations crew reports turned in. The rating is set so all of the meeting and training attendance averaged together must equal 90% or above to achieve a green rating. A yellow rating reflects an average between 80-89% , and a red rating is less than 80% average attendance.

Performance Rating:	Green: ✓ AVG ≥ 90%	Yellow: △ AVG = 80-89%	Red: ✗ AVG < 80%

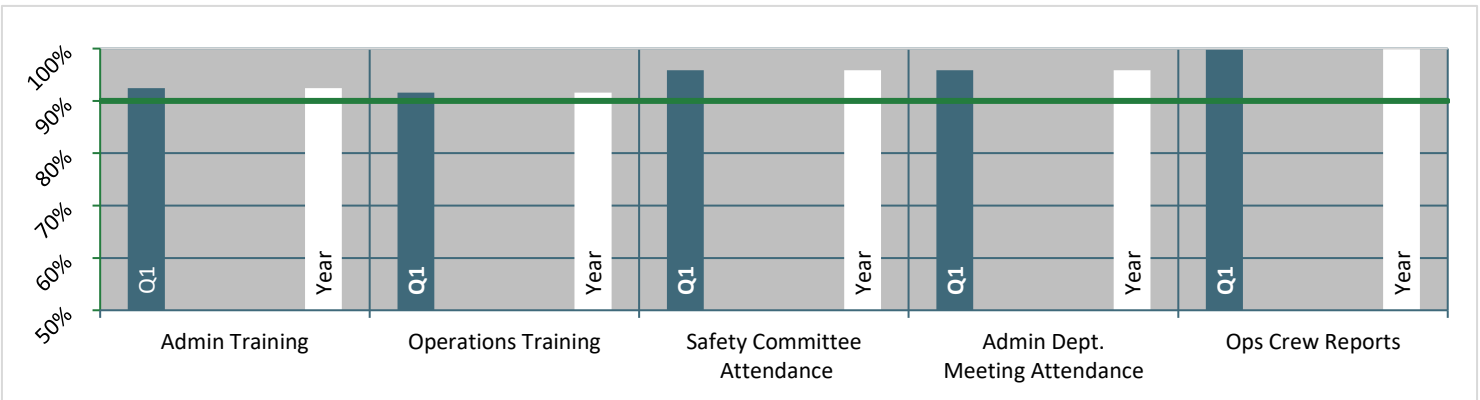
Goal

Achieve minimum 90% or greater average attendance and participation at safety-related trainings and meetings.

	Training Attendance			Participation				Goals
	Admin Training	Ops Training	AVG	Committee Attendance	Admin Dept Attendance	Ops Crew Reports	AVG	Overall AVG
Q1	**92%**	**92%**	**92%**	**96%**	**96%**	**100%**	**97%**	**95%**
Q2								
Q3								
Q4								
Year	92%	92%	92%	96%	96%	100%	97%	95%

Quarterly Performance Summary

The outlook for the quarter and overall year is green. In the first quarter, the Administrative and Operations groups averaged 95% across the safety training and participation goals set for both groups. For the quarter, 92% of Operations participated in crew/shop trainings and covered Flagging Recertification, Regulators/Reclosers/Capacitors, and Lockout-Tagout. 100% of Crew Reports were returned. The Admin biannual safety training was on Office Ergonomics and was completed by 92% of Admin staff. 96% of Admin staff reviewed monthly safety information. The Safety Committees averaged 96% attendance overall.



Responsible Manager: Karen Dunlap

Data Provider: Kristen Demory

Report Date: 4/25/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Performance Measure Title

Conservation Plan 2024-2025 Biennial Actuals/Target

Definition

The District will monitor quarterly conservation achievements and compliance with the Energy Independence Act (EIA) target of 1.11 aMW which was established through the Amended Conservation Potential Assessment presented to the Commission on April 23, 2024.

How Performance Measure is Computed

Status is determined by the two target levels in the chart below. Projected final year end savings that are above the EIA Target is green, between the EIA Target and Carryover level is yellow, below the Carryover level is red. Quarterly status is calculated by prorating all current conservation to a 24 month period and adding it to NEEA savings. (Note: Although NEEA actual savings are not received until April-May for the previous year, an estimate of 50% of NEEAs estimated savings are used in the chart until actuals are received). Projected savings are based on Energy Programs budget estimates divided into monthly allocations for all sectors except Industrial. Projections from the Industrial sector are based on pending projects reported to the District by the ESI program.

Goal

Ensure the District is on track to meet the 2024-25 conservation biennial target. Green Outlook rating is the "Projected Final Savings" meeting or exceeding the EIA target. Yellow rating is between the EIA Target and Carryover level. Red rating is below the Carryover level.

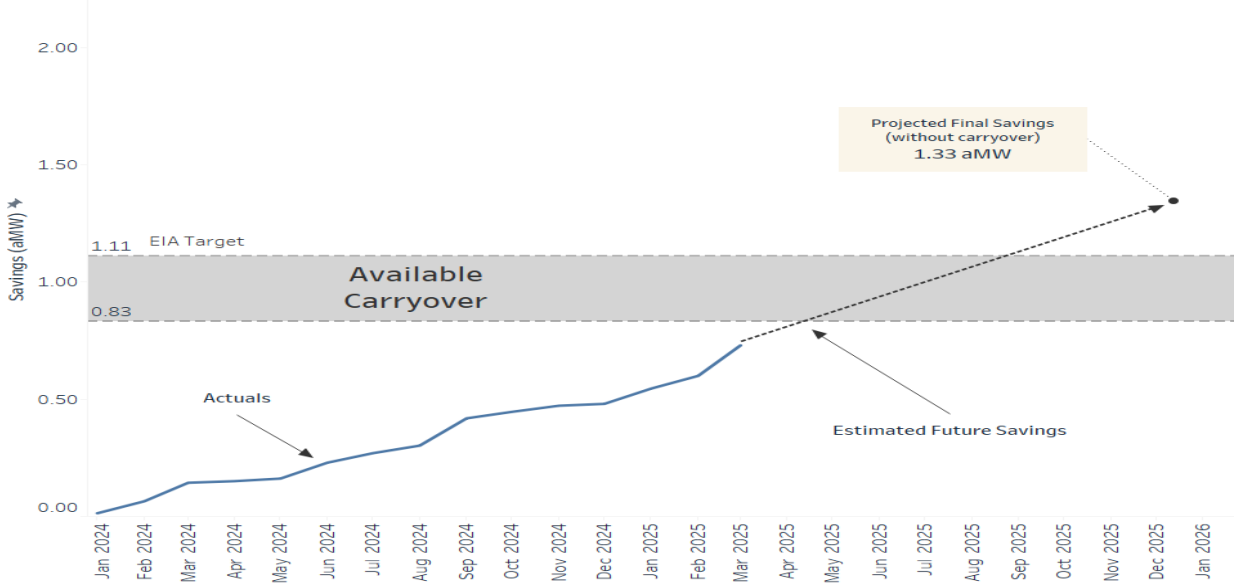
2024	Q1		Q2		Q3		Q4	
	Proj	Actual	Proj	Actual	Proj	Actual	Proj	Actual
Residential	0.019	0.013	0.019	0.018	0.019	0.027	0.021	0.016
Commercial	0.063	0.038	0.063	0.063	0.063	0.055	0.058	0.040
Industrial	0.085	0.080	0.085	0.000	0.085	0.094	0.075	0.006
Agricultural	0.023	0.013	0.023	0.000	0.023	0.013	0.008	0.000
U.S.E.	0.000	0.000	0.000	0.004	0.000	0.000	0.036	0.000

2025	Q1		Q2		Q3		Q4		Total	
	Proj	Actual	Proj	Actual	Proj	Actual	Proj	Actual	Proj	Actual
Residential	0.018	0.016	0.018		0.018		0.018		0.054	0.091
Commercial	0.029	0.057	0.029		0.029		0.029		0.086	0.252
Industrial	0.072	0.055	0.078		0.078		0.078		0.233	0.234
Agricultural	0.007	0.020	0.000		0.000		0.000		0.000	0.047
U.S.E.	0.017	0.101	0.000		0.000		0.000		0.000	0.105
							NEEA*		0.228	
							Total aMW		1.330	

*Based on 50% of NEEA provided estimate for 2024 and 2025.

Quarterly Performance Summary

Quarter one saw the completion of the Voltage Optimization project which resulted in savings greater than 0.10 aMW, making it the largest project of the biennium. The size of the project allowed the Projected Final Savings for the District to rise from 1.28 aMW to 1.33 aMW. An unexpected agricultural sprinkler project in excess of $60,000 also aided in the surplus. The residential sector was the second lowest of the biennium for standard and low income combined, and the commercial projects remained high in quantity but still somewhat low in savings compared to past years. Overall, the District outlook to reach the biennium EIA target remains positive.



Responsible Manager: Chris Johnson

Data Provider: Terry Mapes

Report Date: 4/8/2025

Performance Measure Title

Broadband Network Reliability Report

All Green	=	
Any Yellow	=	
Any Red	=	

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Definition

This report reflects Benton's network performance, identified by two (2) primary categories and two (2) subcategories.

3 - 9s		4 - 9s		5 - 9s	
99.9	=G	99.99	=G	99.999	=G
99.85	=Y	99.985	=Y	99.9985	=Y
99	=R	99.9	=R	99.99	=R

Primary categories

Core - Backbone Network
Distribution - Tail circuit and Customer Fiber

Subcategories

Dark Fiber - Non-lit services
Wireless Carrier - Services provided to Wireless Carriers (T-Mobile, US Cellular, AT&T, Sprint and Verizon)

The District's Broadband network consists of these four (4) segments and each of these segments will be measured independently as a part of the total network reliability. The measure of value and performance of a network is determined by the reliability of the network and at the extent to which it can maintain an adequate level of "up" time and service to the end users. The measurements and tracking process will allow the Broadband technical and management staff to determine the level of service and value of the network to the Retail Service Providers and the end users they serve. The results of the measurements will be part of the rate setting structure, level of service guarantees provided to RSPs and performance of staff.

Performance Objectives

Target performance for Core network is 5-9's, Distribution at 3-9's, Cellular Carriers at 4-9's & Dark Fiber at 4-9's.

Core Network

	Goal	Actual
Q1	99.999%	100.000%
Q2	99.999%	
Q3	99.999%	
Q4	99.999%	

Distribution Network

	Goal	Actual
Q1	99.9%	99.9999981%
Q2	99.9%	
Q3	99.9%	
Q4	99.9%	

Cellular Carriers

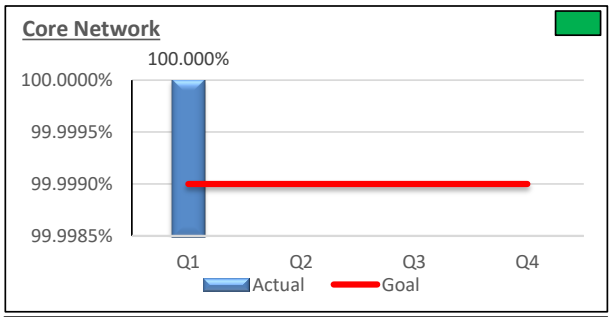
	Goal	Actual
Q1	99.99%	99.999913%
Q2	99.99%	
Q3	99.99%	
Q4	99.99%	

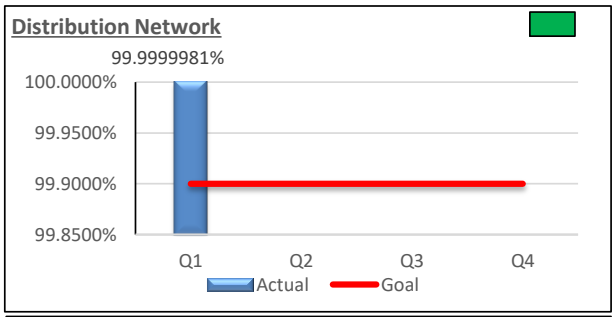
Dark Fiber

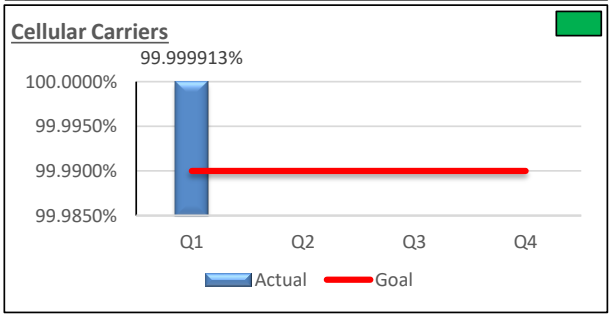
	Goal	Actual
Q1	99.99%	100.00%
Q2	99.99%	
Q3	99.99%	
Q4	99.99%	

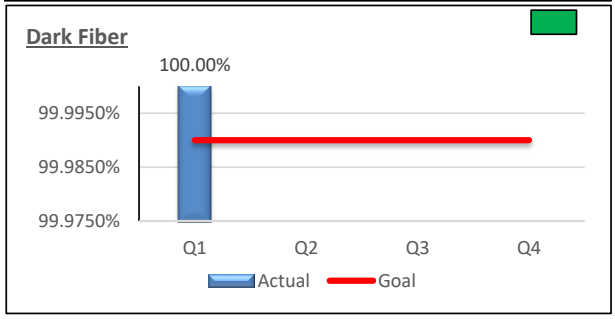
Quarterly Performance Summary

The performance measure is rated green for the Quarter. On March 27th, a third-party provider was installing equipment at the Apel co-location facility and caused an electrical circuit breaker to trip causing a communication outage that affected 29 sites for a total 50 minutes. The Network Operation Center (NOC) escalated the outage response to the provider's on-site engineers who restored the breaker to operational status.









Responsible Manager: Chris Folta
Data Provider: Adrian Mata
Report Date: 4/23/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Performance Measure Title

Electric Reliability

Definitions

SAIFI - System average interruption frequency index
Indicates how often the average customer experiences a sustained (greater than or equal to 5 minutes) interruption.

$$SAIFI = \frac{\Sigma \text{ Number of Customer Interruptions}}{\text{Number of Customers Served}}$$

SAIDI - System average interruption duration index
Indicates the total duration of interruption for the average customer during a predefined period of time.

$$SAIDI = \frac{\Sigma \text{ Customer Interruption Duration}}{\text{Number of Customers Served}}$$

CAIDI - Customer average interruption duration index
Indicates the average time required to restore service.

$$CAIDI = \frac{\Sigma \text{ Customer Interruption Duration}}{\Sigma \text{ Number of Customer Interruptions}} = \frac{SAIDI}{SAIFI}$$

Major Event Day - A day in which the daily system SAIDI exceeds a Major Event Day threshold value (TMED). Statistically, days exceeding the TMED threshold are days on which the energy delivery system experiences stresses significantly beyond those that are typically expected.

How Performance Measure is Computed

Interruption information is logged into the District's Outage Management System (OMS), either automatically from the District's SCADA system or manually. Tableau is used to calculate and report statistics for interruptions lasting longer than five mintues, excluding planned outages and customer problems.

Charts are presented that include and exclude Major Event Days (MEDs). The MED data is provided as it is the summation of our customer's experience. These large MED outages are often events that interrupt the District's electrical service but may not be the result of an electrical fault or equipment failure on the District's electrical system. Events such as BPA transmission outages or weather events that overwhelm the District's ability to rapidly respond.

The second set of charts excludes MED outages and provides a reportable quarterly metric reflecting outages caused only by electrical faults or equipment failures on the District's electrical system. This allows the District to identify actionable trends in SAIFI, SAIDI, and CAIDI values for outages that occured on the District's electrical system.

Goal

Compare recent 12-month performance to a goal equal to a four year (2005-2008) historical average. The performance rating will be "green" if the index is up to 20% above the goal, "yellow" if between 20% and 40% above and "red" if greater than 40% above the goal.

Quarterly Performance Summary

Time Period: 12-month time period from April 2024 to March 2025.

	MEDs Included	MEDs Excluded	Goal	Rating
SAIFI	**0.43**	**0.33**	**0.5**	
SAIDI	**43.1**	**29.8**	**60**	
CAIDI	**100.7**	**91.0**	**120**	

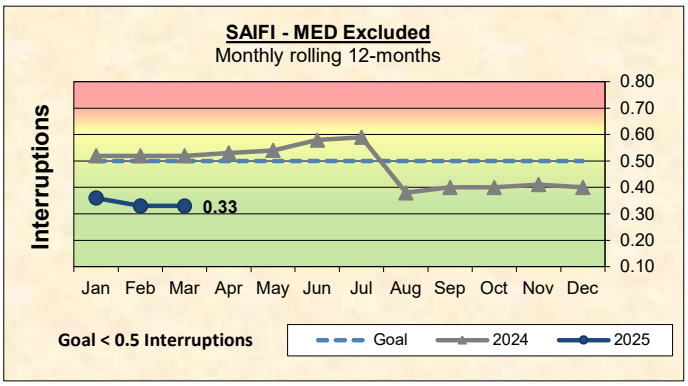
Over the 12-month time period from April 2024 to March 2025, **SAIFI of 0.33** interruptions is less than the goal of 0.5, resulting in a green rating. **SAIDI of 29.5** minutes is less than the goal of 60, resulting in a green rating. **CAIDI of 91.0** minutes is less than the goal of 120, resulting in a green rating.

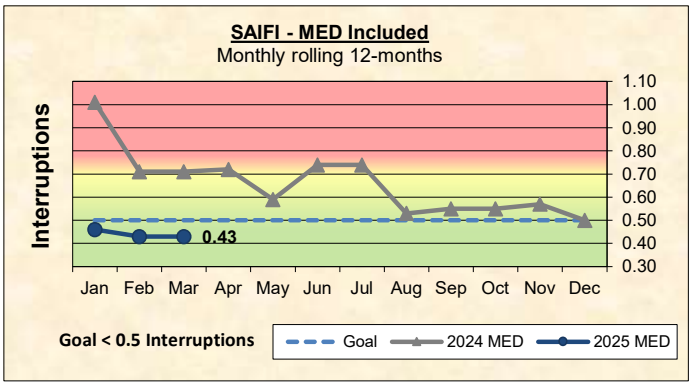
For the non-MED data, SAIFI decreased for the current quarter, meaning the average customer experiences an outage about every 36 months for general outages. SAIDI decreased to 29.8 minutes and had been trending closer to a 50 minute average for the last couple years. CAIDI decreased to 91.0 due to SAIDI decreasing faster than SAIFI. Q4 is being given a green rating.

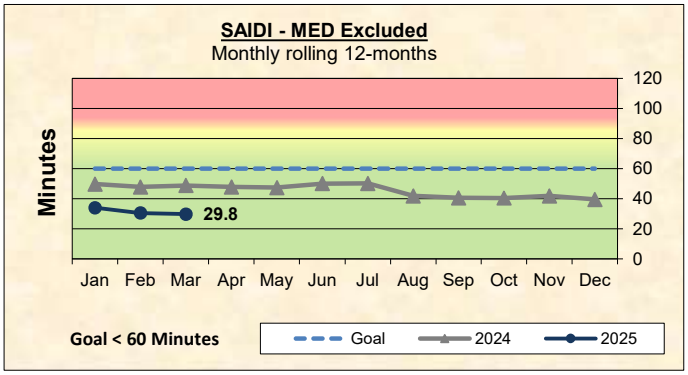
With MED data included, SAIFI decreased to **0.43**, SAIDI decreased to **43.1**, and CAIDI decreased to **100.7**.

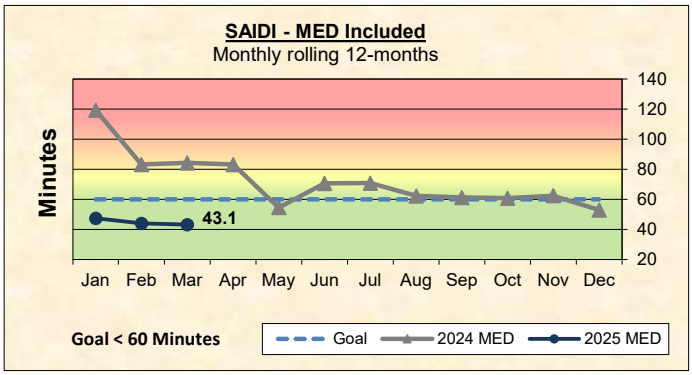
A SAIFI of 0.50 means every single one of our customers could have expected an outage within the last 27 months. In reality we had a subset of our customers who experienced multiple outages in the last 24 months. With MED's included our customers experienced an average restoration time of 1 hour and 41 minutes.

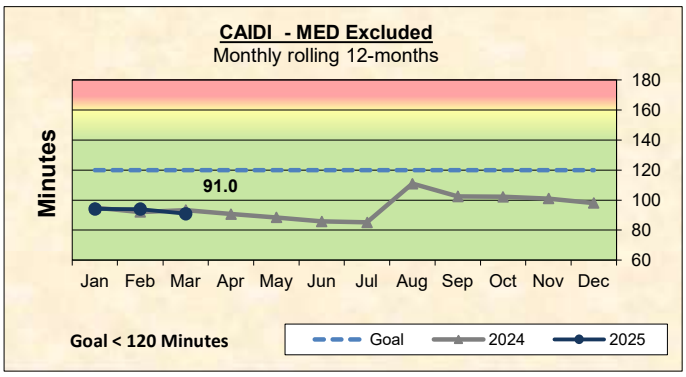
Responsible Manager: Evan Edwards
Data Provider: Dax Berven
Report Date: 4/18/2025

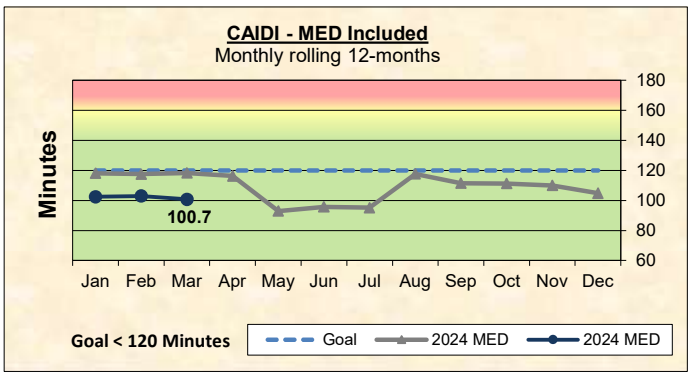












Responsible Manager: Evan Edwards
Data Provider: Dax Berven

Report Date: 4/18/2025

2025 Status			
Q1	Q2	Q3	Q4
Outlook			

Performance Measure Title
Electric System Outages

Definitions

Outage - Interruption of electrical service, for greater than or equal to 5 minutes, to one or more customers, excluding planned outages.
Cause - The reason the outage occurred.
Region - The geographic zone, as defined by the District's Geographical Information System, where the outage occurred.
Customer - A metered electrical service point for which an active bill account is established at a specific location.
Customer Minutes Out - The number of customers interrupted in an outage multiplied by the duration of the outage in minutes.
MED - Major Event Day

How Performance Measure is Computed

Outage information is logged into the District's Outage Management System (OMS). Every outage that occurs has an associated cause, region, number of customers affected and the number of customer minutes out. The outage data is queried from the OMS database using reporting tools and entered into a spreadsheet for summation and graphing purposes. The data is reported for a rolling 12-month time period, which removes any seasonal variation when looking for trends. This data is similar to the data used for calculating the quarterly performance measure titled "Reliability Indices". The reliability indices are useful as a performance indicator and for benchmarking purposes, but they do not provide the detail required to fully understand what factors are influencing reliability.

Goal

To identify electric system outage trends by cause and region over a 12-month time period. Trends in the negative direction will result in a yellow rating; otherwise a green rating will apply. No red ratings will be used.

Quarterly Performance Summary

Rolling 12 Months Reported Quarterly (No MED)

Outage Statistics	2024-Q1	2024-Q2	2024-Q3	2024-Q4	2025-Q1
Outage Count	535	514	480	502	480
Customers Out	28,356	31,861	21,784	23,223	18,943
Customer Minutes Out	2,684,132	2,754,394	2,306,008	2,245,781	1,690,366

Rolling 12 Months Reported Quarterly (MED)

Outage Statistics	2024-Q1	2024-Q2	2024-Q3	2024-Q4	2025-Q1
Outage Count	552	531	497	518	496
Customers Out	39,804	41,348	31,271	29,032	24,752
Customer Minutes Out	4,557,104	3,838,290	3,389,904	3,017,302	2,461,887

Non-MED Data Summary: For the non-MED data, outage counts, customers, and customer minutes out decreased over the previous 12 month window. All three have been generally trending down over the past 4 quarters.

MED Data Summary: The MED data incorporates the following event:

June 2nd, 2024 - Grandview - Red Mountain Transmission Outage (Helicopter Impact)

This event increased the outage counts, increased customers out by about 30%, and increased customer minutes out by about 45%.

Outages by Cause	2024-Q1	2024-Q2	2024-Q3	2024-Q4	2025-Q1
Equipment	262	267	270	264	269
Animals	87	82	75	89	98
Weather	24	21	14	18	10
Foreign Interference	123	112	97	103	79
Vegetation	23	20	14	17	14
Undetermined	16	12	10	11	10
Total	**535**	**514**	**480**	**502**	**480**

Outage Statistics	2024-Q1	2024-Q2	2024-Q3	2024-Q4	2025-Q1
Equipment	273	273	276	269	274
Animals	88	82	75	89	98
Weather	24	21	14	18	10
Foreign Interference	123	123	108	114	90
Vegetation	23	20	14	17	14
Undetermined	21	12	10	11	10
Total	**552**	**531**	**497**	**518**	**496**

Cause Summary: For the non-MED data outages caused by Animals and Equipment increased. Outages caused by Weather, Foreign Interference, Vegetation, and Undetermined events decreased.

With MED data included Animal, Weather, Vegetation, and Undetermined outages were flat and Equipment and Foreign Interference outages increased.

Outages by Region	2024-Q1	2024-Q2	2024-Q3	2024-Q4	2025-Q1
East Kennewick	214	206	184	175	167
West Kennewick	166	160	160	161	155
Benton City & Prosser	125	125	117	140	130
River & Hanford	30	23	19	26	28
Total	**535**	**514**	**480**	**502**	**480**

Outages by Region	2024-Q1	2024-Q2	2024-Q3	2024-Q4	2025-Q1
East Kennewick	224	207	185	175	167
West Kennewick	169	160	160	161	155
Benton City & Prosser	128	129	121	144	134
River & Hanford	31	35	31	38	40
Total	**552**	**531**	**497**	**518**	**496**

Region Summary: Across the non-MED data East Kennewick, West Kennewick, and the Benton City & Prosser areas saw a decrease in outage counts, the River & Hanford saw an increase. East Kennewick, West Kennewick, and the River & Hanford areas saw a decrease in customers out, the Benton City & Prosser areas remained flat. East Kennewick, West Kennewick, and the River & Hanford areas saw a decrease in customers minutes out, the Benton City & Prosser areas increased. When MED data is included the impact is seen generally in the Benton City & Prosser areas.

When MED data is included the impact is seen generally in the Benton City & Prosser area.

Responsible Manager: Evan Edwards
Data Provider: Dax Berven
Report Date: 4/18/2025

Outage Data

Rolling 12-Months, Reported Quarterly

Figure 1.1 - Outage Count (No MED)

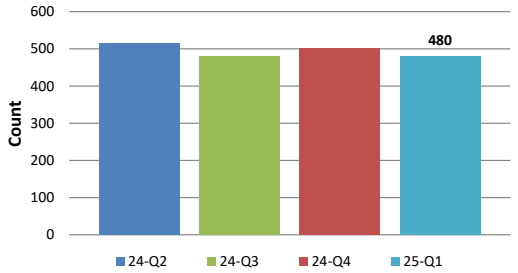


Figure 1.2 - Outage Count by Cause (No MED)

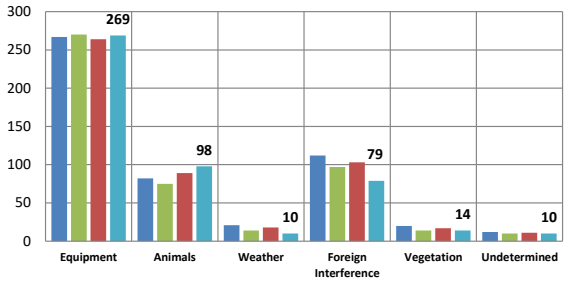


Figure 1.3 - Outage Count by Region (No MED)

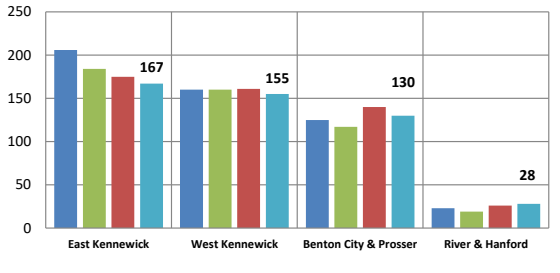
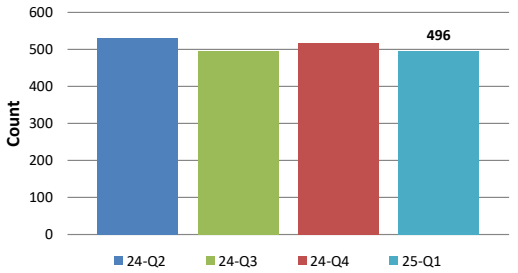


Figure 1.1 - Outage Count (MED)



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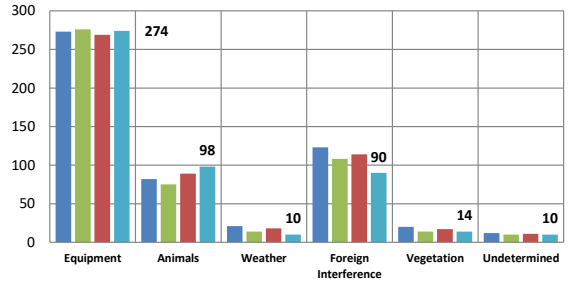


Figure 1.3 - Outage Count by Region (MED)

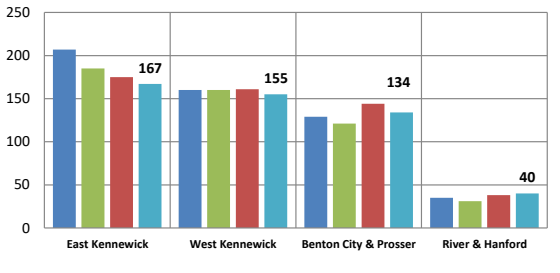


Figure 2.1 - Customers Out (No MED)

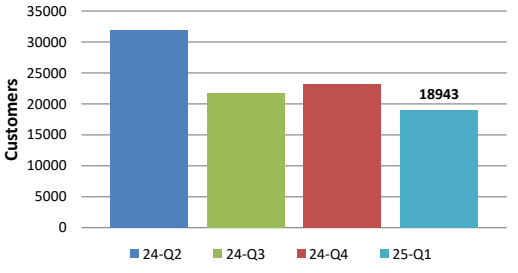


Figure 2.2 - Customers Out by Cause (No MED)

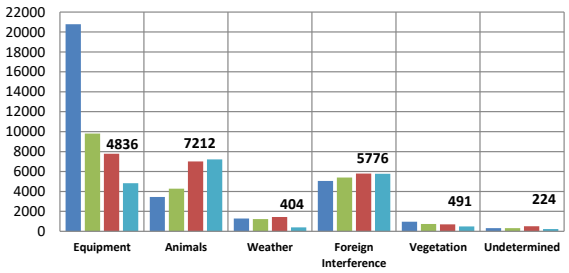
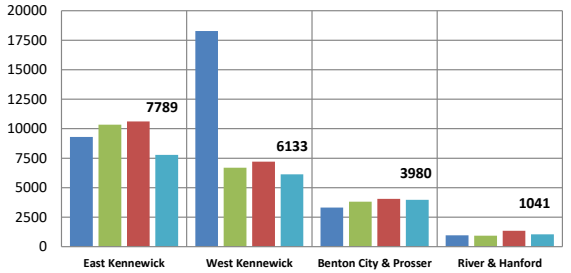


Figure 2.3 - Customers Out by Region (No MED)



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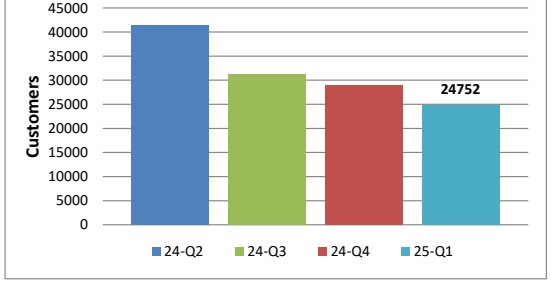

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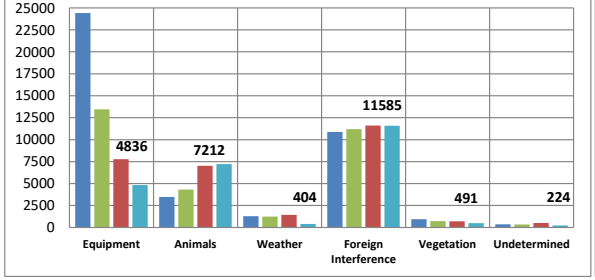

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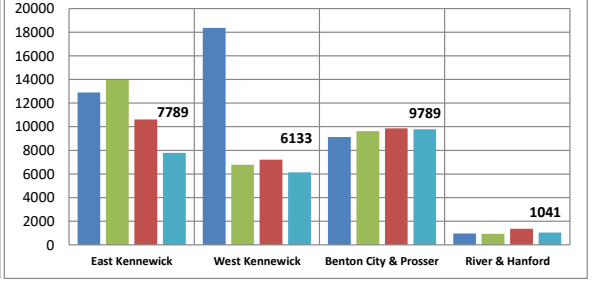
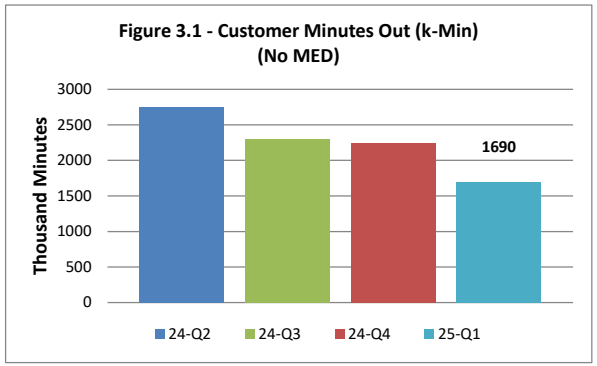
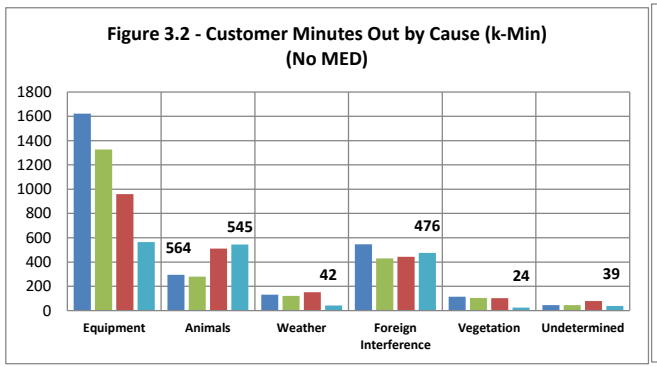
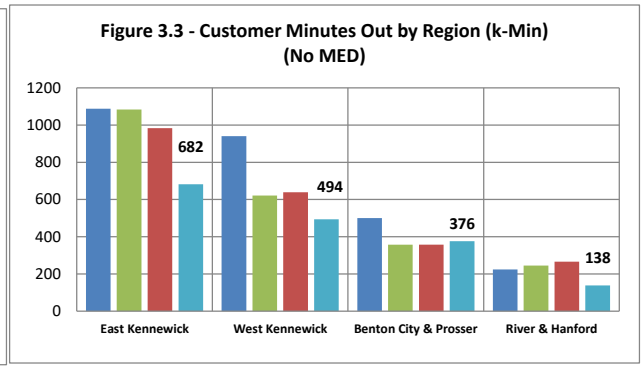


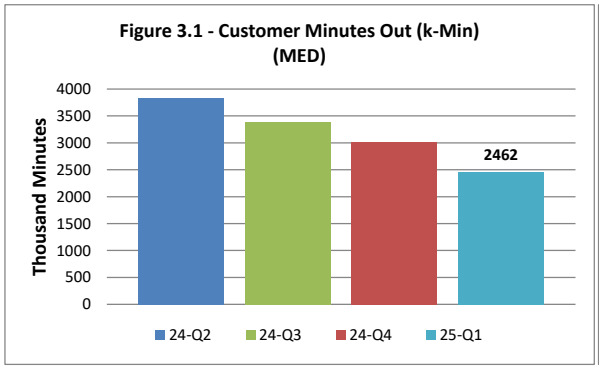
Outage Data

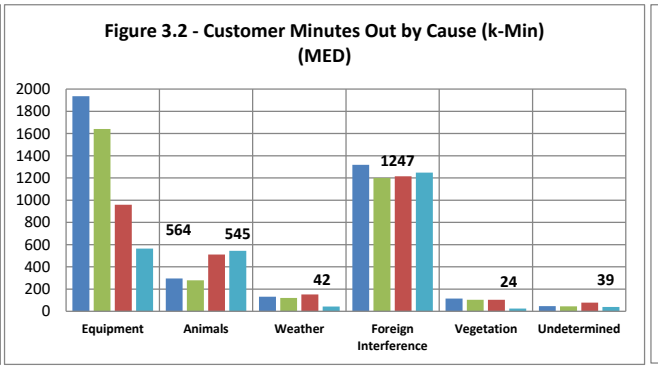
Rolling 12-Months, Reported Quarterly

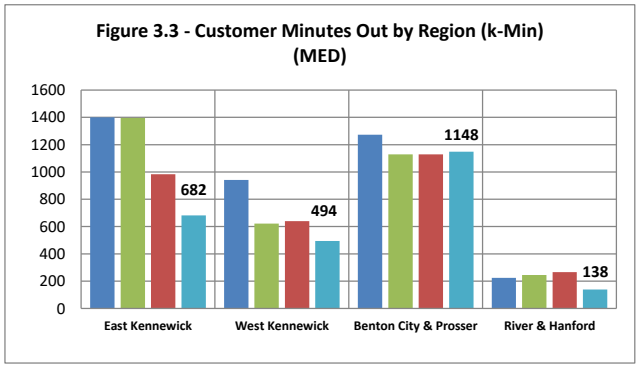












4/18/2025 DAB

Select Year: 2025 | Select Quarter: 1

Enterprise Application Reliability

Year Status			
Q1	Q2	Q3	Q4
✓			

Outlook: ✓

1 Yellow or all Green = ✓
2 Yellow or 1 Red = ▲
2 Red = ✗

Definition

Measures the reliability of seven enterprise software applications: HPRM (document management system), iVUE (customer information system, financials and payroll, outage management system, document vault, and work scheduling), GIS (mapping system), SCADA (electrical system monitoring and operations system) and AMI (automated metering system). We will also measure the reliability of the databases that support these applications, along with cloud applications critical to the functions of the District. The measure of value and performance of software applications is determined by the reliability and maintaining an adequate level of "up" time and service to the end users. The measurements will allow management staff to determine the level of service and value of each application to the end users they serve.
*note for the applications to be considered available, all parts must be available as defined by each system owner

How Performance Measure is Computed

Target performance for each application has been defined by the respective System Owner and is indicated in the "Goal" columns below. All goals are based on 24x7 availability. Each system has a Scheduled Maintenance Window for allowed after hours maintenance that will be excluded from the measurements.

Goal

Maintain an adequate level of "up" time and service to end users.

Performance Metric Results

The performance measure is rated green for the quarter with a green outlook. The AMI system was down for a total of 30 minutes in the first quarter to complete a restart of services; however the performance goal was still met.

Enterprise Reliability

5 Year Trends

24x7 Applications Uptime % 2025 Q1

	Green Rating > 99.99% 0-13 mins	Yellow Rating 99.96%-99.98% 14-25 mins	Red Rating <=99.95% >26 mins	
5 Year Trends	21-Q1 21-Q2 21-Q3 21-Q4 22-Q1 22-Q2 22-Q3 22-Q4 23-Q1 23-Q2 23-Q3 23-Q4 24-Q1 24-Q2 24-Q3 24-Q4 25-Q1 25-Q2 25-Q3 25-Q4			Current Quarter
Apps Team Data..	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			100.00%
GIS (MapWise)	✓ ✗ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			100.00%
HPRM	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✗ ✓ ✓ ✓			100.00%
iVue	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			100.00%
SCADA	✓ ✓ ✓ ✓ ▲ ✓ ✓ ✓ ✗ ✓ ✓ ✓ ✗ ✓ ✓ ✓ ✓ ✓			100.00%

Cloud Applications Uptime % 2025 Q1

	Green Rating > 99.90% 0-131 mins	Yellow Rating 99.85%-99.89% 132-199 mins	Red Rating <=99.84% >199 mins	
5 Year Trends	21-Q1 21-Q2 21-Q3 21-Q4 22-Q1 22-Q2 22-Q3 22-Q4 23-Q1 23-Q2 23-Q3 23-Q4 24-Q1 24-Q2 24-Q3 24-Q4 25-Q1 25-Q2 25-Q3 25-Q4			Current Quarter
AMI	✓ ✓ ✓ ✗ ✓ ✓ ✗ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✗ ✓ ✓			99.99%
Cloud Applications	✓ ✓ ✓ ✓ ✓ ✓ ✗ ✓ ✓ ✓ ▲ ✓ ✓ ✓ ✗ ✓ ✓			100.00%

Select Year:	Select Quarter:
2025	1

Infrastructure Component Reliability

Year Status			
Q1	Q2	Q3	Q4
▲			
Outlook			
✓			

1 Yellow or all Green = ✓

2 Yellow or 1 Red = ▲

2 Red = ✗

Definition

Measures the reliability of eight key Infrastructure components: Network (Core business computer network), NoaNet Service (Outside Internet provider), Kennewick-Prosser communications link, TEA/SCADA Network (The Energy Authority and SCADA communications), SAN (Storage Area Network), VDI (Virtual Desktop Infrastructure), Phones (Phone System), and Exchange (Email System). The measure of value and performance of infrastructure components is determined by the reliability and maintaining an adequate level of "up" time and service to the end users. The measurements will allow management staff to determine the level of service and value of each application to the end users they serve. Below is a chart to explain the thresholds in minutes of unplanned downtime.

How Performance Measure is Computed

Target performance for each component has been defined by the respective System Owner and is indicated in the "Goal" column below. All components are based on 24x7 availability.

Goal

Maintain an adequate level of "up" time and service to end users.

Performance Metric Results

The performance measure is yellow for the quarter and green for the outlook. There was one unexpected downtime for the infrastructure measure during the 1st quarter.

On January 22, 2025, a planned maintenance change by RingCentral caused a call routing loop, resulting in inbound and outbound call failures for all their customers. The incident lasted 7 hours. The rollback was only partially effective due to cascading network effects, requiring additional remediation steps. Recovery involved shifting traffic, restarting components, and close monitoring. In response, RingCentral has audited their change management process, enhanced loop detection, and improved fault isolation.

Infrastructure Reliability

5 Year Trends

24x7 with 99.99 % Uptime 2025 Q1

	Green Rating > 99.99% 0-13 mins	Yellow Rating 99.96%-99.98% 14-25 mins	Red Rating <=99.95% >26 mins																
5 Year Trends	21-Q1	21-Q2	21-Q3	21-Q4	22-Q1	22-Q2	22-Q3	22-Q4	23-Q1	23-Q2	23-Q3	23-Q4	24-Q1	24-Q2	24-Q3	24-Q4	25-Q1	25-Q2	25-Q3	25-Q4	Current Quarter
Exchange	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓				100.00%
Kennewick to Pro..	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓	✓	✓				100.00%
SAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				100.00%
VDI	✓	✓	✗	✓	✓	✓	✓	✓	✗	▲	✓	✓	✓	✓	✓	✓	✓				100.00%

24x7 with 99.95% Uptime % 2025 Q1

	Green Rating > 99.95% 0-65 mins	Yellow Rating 99.90%-99.95% 65-129 mins	Red Rating <=99.90% >130 mins																
5 Year Trends	21-Q1	21-Q2	21-Q3	21-Q4	22-Q1	22-Q2	22-Q3	22-Q4	23-Q1	23-Q2	23-Q3	23-Q4	24-Q1	24-Q2	24-Q3	24-Q4	25-Q1	25-Q2	25-Q3	25-Q4	Current Quarter
Phones	✓	✓	✓	✓	✓	✓	✓	▲	✓	✓	✓	✓	✓	✓	✓	✓	✗				99.54%

24x7 with 99.90% Uptime % 2025 Q1

	Green Rating > 99.90% 0-131 mins	Yellow Rating 99.85%-99.89% 132-199 mins	Red Rating <=99.84% >199 mins																
5 Year Trends	21-Q1	21-Q2	21-Q3	21-Q4	22-Q1	22-Q2	22-Q3	22-Q4	23-Q1	23-Q2	23-Q3	23-Q4	24-Q1	24-Q2	24-Q3	24-Q4	25-Q1	25-Q2	25-Q3	25-Q4	Current Quarter
Network	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				100.00%
NoaNet Service	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				100.00%
TEA-SCADA Network	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	▲	✓	✓	✓	✓	✓				100.00%

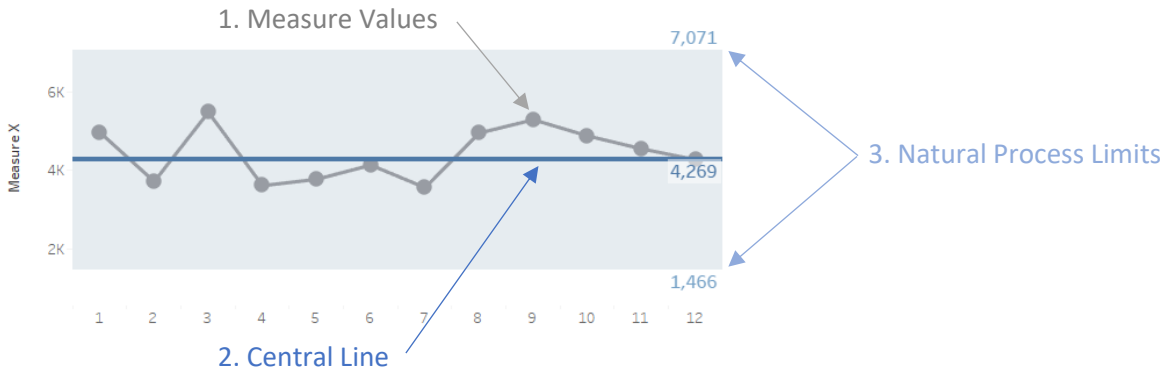
Appendix A

Using XmR Charts for Performance Measurement

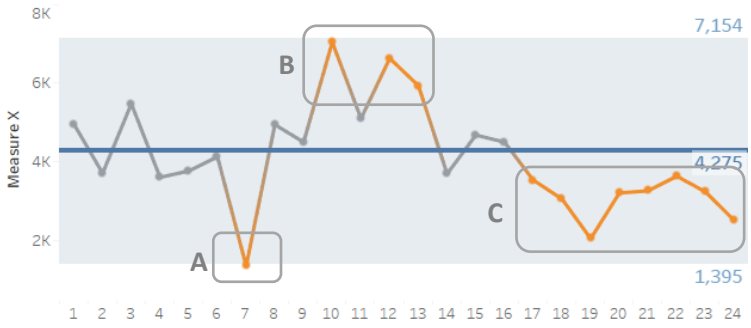
Introduction - This reference was created to support the District's performance measures that utilize XmR charts (a.k.a. process behavior charts). The District's use of XmR charts is intended to be consistent with the recommendations of Stacey Barr, author of the Measure Up Blog.[1] The basic features of XmR charts are explained, but to learn more, readers should refer to the footnotes for Stacey's blog articles. If the footnote hyperlinks are not available to the reader, the articles may be found by accessing the blog website and then using the keyword search tool.

Why use an XmR chart? - To bring focus to the "signals" of performance rather than the "noise" of normal variation.[2] It is an alternative that addresses the limitations of other analysis methods.[3, 4]

What is an XmR chart? - An XmR chart identifies signals of a change in performance by monitoring a measure in the context of its baseline level of performance (Central Line) and its normal variation (Upper and Lower Natural Process Limits).[5] The chart below represents the "X" portion of an XmR chart.[6]



What are the signals on an XmR chart? [7]



3 types of signals:

A. **Outlier** - A point outside of the Natural Process Limits.

B. **Short Run** - At least 3 out of 4 consecutive points closer to the same Natural Process Limit than to the Central Line.

C. **Long Run** - At least 8 consecutive points all on the same side of the Central Line.

How to set targets on an XmR chart? - Refer to these blog articles.[8, 9]

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[1] https://www.staceybarr.com/measure-up/
[2] Why Statistical Thinking is ESSENTIAL to Great KPIs
[3] 5 Analysis Methods That Make Us Misinterpret KPIs
[4] Why KPI Thresholds Are a Really Bad Idea
[5] Three Things You Need On Every KPI Graph
[6] How to Build an XmR Chart for Your KPI
[7] 3 Essential Signals to Look for in Your KPIs
[8] Three Types of Useful KPI Targets
[9] Principles to Design a PuMP Performance Dashboard

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 6, 2025	
Subject:	Completion and Acceptance of Contract #24-46-04 Prior Substation Fiber Build Project	
Authored by:	Chris Folta	Staff Preparing Item
Presenter:	Michelle Ochweri	Staff Presenting Item (if applicable or N/A)
Approved by:	Michelle Ochweri	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☒ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☐ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☒ Contract / Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

Motion authorizing the General Manager on behalf of the District to sign Contract Project Completion and Acceptance for Prior Substation Fiber Build Project by DJ's Electrical, Inc. Contract #24-46-04, (CPO #57273), in the amount of $550,247.63 including Washington State sales tax in accordance with RCW 54.04.080.

Background/Summary

Contract #24-46-04 was originally entered into on August 13, 2024, with DJ's Electrical, Inc. to provide a mix of 45,000 feet of aerial and underground backbone fiber optic cable extending the Patterson Fiber Node through Prior No. 1 substation and terminating at Prior No. 4 Substation. This project completion provides reliable, high speed telecommunication services to four substations to enhance the District's supervisory control and data acquisition (SCADA) capabilities.

Recommendation

The services have been satisfactorily completed on December 31, 2024, and final invoices and payments have been made for Contract #24-46-04; therefore, the contracts retainage is ready to be released.

Fiscal Impact

This project completion and acceptance will have no additional fiscal impact on the District. Upon closing this contract, the retainage which was held per the term of the contract will be released.

PROJECT COMPLETION AND ACCEPTANCE
(Contracts $120,000 before tax and greater)

TO: Commission/General Manager
BENTON PUD

CONTRACT NUMBER : 24-46-04
PO NUMBER : 57273

The following information is submitted to the Commission/General Manager after being reviewed and certified as being accurate by District staff. The work has been fully completed and approved by the staff.

CONTRACT TITLE	: Prior Substation Fiber Build Project
CONTRACT DESCRIPTION	: Addition of ADSS in supply space and underground build
CONTRACTOR NAME	: DJ's Electrical, Inc.
UBI NUMBER	: 601678455
AFFIDAVIT NUMBER	: 1386459
DATE WORK COMMENCED	: August 13, 2024
DATE WORK COMPLETED	: December 31, 2024
DATE ACCEPTED BY STAFF	: May 6, 2025
CONTRACT BID AMOUNT	: $496,294.10
CONTRACT ADDITIONS	: $12,723.13
ACTUAL CONTRACT AMOUNT	: $509,017.23
SALES TAX	: $41,230.40
TOTAL CONTRACT AMOUNT	: $550,247.63
AMOUNT RETAINED	: $25,450.86

Submitted by Michelle Ochweri Date: 05/05/2025

Accepted by Commission 05/06/2025 _____
(Date) Rick Dunn, General Manager

Bonding Co. Travelers Casualty and Surety Company of America

Original – Vault File
Copy to - Accounting
Revised July 31, 2019

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	20-21-01 - Lampson International Inc. – Heavy Lift & Transport Services - CO # 4	
Authored by:	Duane Szendre	Staff Preparing Item
Presenter:	Duane Szendre	Staff Presenting Item (if applicable or N/A)
Approved by:	Steve Hunter	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☒ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☐ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☒ Contract / Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

Motion authorizing the General Manager on behalf of the District to sign Change Order #4 of Contract 20-21-01, with Lampson International, Inc. to increase the not-to-exceed amount by $15,000.00 bringing the new not-to-exceed amount of the contract to $120,000.00.

Background/Summary

The District has 39 substations and 55 power Transformers currently in service. The District also has a fleet of spare transformers and regulators that can be used as direct replacements, as well as a mobile substation that can be used when repairs may be done in-place. The mobile substation and the spare equipment require a tractor for moving from site to site, and a crane must be used when putting the spare transformer or regulators into service. District Engineering and Operations departments have utilized Lampson International for lifting, placement, and transportation needs. In the past, Lampson has always been extremely responsive to the District's needs and possess a unique knowledge and ability to work with, and in, our current electrical systems.

Recommendation

Staff recommends adding $15,000.00 and extend the current contract to end on December 31st, 2025; to allow for the District to utilize Lampson for lifting and transportation needs. This would bring our current not-to-exceed amount to $120,000.00

Fiscal Impact

The additional $15,000 is contained within the 2025 budget.

CONTRACT CHANGE ORDER

Contract #: 20-21-01
Change Order #: 4
Vendor Name: Lampson International, Inc.
E-Mail: rutherford@lampsoncrane.com
Effective Date: 5/13/25
Contract Work Manager: Duane Szendre
Contract Title: Heavy Lift and Transport Services

Change Order Description:

Increase the contract amount by $15,000.00 bringing the new not-to-exceed amount to $120,000.00, and extend the term of the contract through December 31, 2025.

Change order Total:	$15,000.00
Original Contract Total:	$105,000.00
New Contract Total:	$120,000.00

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE CONTRACT REMAIN UNCHANGED AND IN FULL FORCE AND AFFECT
The District is a public entity subject to the disclosure requirements of the Washington Public Records Act of RCW 42.56.

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY	LAMPSON INTERNATIONAL, INC.
BY:	BY: INTERNAL CHANGE ORDER
PRINT:	PRINT:
TITLE:	TITLE:
DATE:	DATE:

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	22-37-01 - Coleman Oil Company (WA. St. Contract #08721) – Fuel – Change Order #1	
Authored by:	John Schafer	Staff Preparing Item
Presenter:	John Schafer	Staff Presenting Item (if applicable or N/A)
Approved by:	Steve Hunter	Dept. Director/Manager Steve Hunter
Approved for Commission:	Rick Dunn	General Manager

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☒ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☐ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☒ Contract / Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

Motion authorizing the General Manager on behalf of the District to sign Change Order #1 of Contract 22-37-01, with Coleman Oil Company (WA. St. Contract #08721) to increase the not-to-exceed amount by $435,000.00 bringing the new not-to-exceed amount of the contract to $995,000.00.

Background/Summary

Coleman Oil was awarded the State contract for fuels, State contract #08721. The term of this contract is from January 1, 2023 to December 31, 2025. This contract has been extended to end December 31, 2026. Pricing shall be .02 =/- for unleaded and .20 =/- for 5% biodiesel based on Pasco Rack OPIS price on day of delivery plus any applicable delivery fees. The original contract was for $560,000.00.

The cost of fuel has increased several times since this contract was awarded. By adding the additional money and one year to the contract the District will have continued services until December 31, 2026.

Recommendation

Staff recommends the District add $435,000.00 to contract #22-37-01 Coleman Oil for fuels, bringing the new not-to-exceed amount to $995,000.00 and extend the term of this contract through December 31, 2026. The additional funds will cover delivery through the end of contract.

Fiscal Impact

This is a budgeted item out of Department 37. The new no-to-exceed for this contract will be $995,000.00. This amount will need to be amended due to additional cost and adding another year.

CONTRACT CHANGE ORDER

Contract #: 22-37-01
Change Order #: 1
Vendor Name: Coleman Oil Company, LLC
E-Mail: nick.schoenfelder@colemanoil.com
Effective Date: 5/13/25
Contract Work Manager: John Schafer
Contract Title: Fuel Contract

Change Order Description:

Increase contract amount by $435,000.00 bringing the new not-to-exceed amount to $995,000.00, and extend the term of the contract through December 31, 2026. (WA St. Contract #08721)

Change order Total:	$435,000.00
Original Contract Total:	$560,000.00
New Contract Total:	$995,000.00

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE CONTRACT REMAIN UNCHANGED AND IN FULL FORCE AND AFFECT
The District is a public entity subject to the disclosure requirements of the Washington Public Records Act of RCW 42.56.

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY	COLEMAN OIL COMPANY, LLC
BY:	BY:
PRINT:	PRINT:
TITLE:	TITLE:
DATE:	DATE:

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 10, 2025	
Subject:	Contract Award, 2025 Single Phase Regulators – Bid Package #25-21-04	
Authored by:	Dax Berven	Staff Preparing Item
Presenter:	Evan Edwards	Staff Presenting Item (if applicable or N/A)
Approved by:	Steve Hunter	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☒ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☐ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☒ Contract / Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

Motion authorizing the General Manager on behalf of the District to reject Howard's Bid for taking exception to District's specifications and award Contract 25-21-04A to Irby (Cooper/Eaton) for line item 1 in the amount of $75,315.00; Contract 25-21-04B to Border States (Siemens/Toshiba) for line items 2 & 3 in the amount of $164,623.00; plus, Washington State sales tax all in accordance to RCW 54-04-080.

Background/Summary

Bids were opened April 30th at 3:30 pm for the procurement of line voltage regulators for District inventory stock. Bids were received as follows:

Line-Item 1 (114.3kVA)					
Manufacturer	**Unit Bid Price ($)**	**Qty**	**Total Price ($)**	**Lead Time (wks)**	**Engineer's Estimate ($)**
Howard	22,154.00	3	66,462.00	18-20	$54,372.97
Irby / Eaton/Cooper	**25,105.00**		**75,315.00**	**47**	
Anixter / Eaton/Cooper	25,137.00		75,411.00	47-49	
Border States / Toshiba	30,658.00		91,974.00	28-32	
General Pacific / Siemens	33,091.00		99,273.00	74-78	
Border States / Siemens	33,776.00		101,328.00	76-80	

Line-Item 2 (333 kVA) (Siemens Only)					
Manufacturer	**Unit Bid Price ($)**	**Qty**	**Total Price ($)**	**Lead Time (wks)**	**Engineer's Estimate ($)**
Border States / Siemens	**44,131.00**	1	**44,131.00**	**76-80**	$77,654.92
General Pacific / Siemens	44,237.00		44,237.00	74-78	

Line-Item 3 (333 kVA)					
Manufacturer	**Unit Bid Price ($)**	**Qty**	**Total Price ($)**	**Lead Time (wks)**	**Engineer's Estimate ($)**
Howard	33,219.00	3	99,657.00	18-20	$77,654.92
Border States / Toshiba	**40,164.00**		**120,492.00**	**28-32**	
Irby / Eaton/Cooper	40,571.00		121,713.00	47	
Anixter / Eaton/Cooper	40,685.65		122,056.95	47-49	
General Pacific / Siemens	43,237.00		129,711.00	74-78	
Border States / Siemens	44,131.00		132,393.00	76-80	

Notes:

- Line 2 the District requested Siemens only to match an existing unit.
- Howard was determined to be non-responsive due to numerous technical exceptions taken including painting requirements, control cable strain relief, and no visible means of shorting current transformers for testing/control replacement.

Recommendation

Awarding this bid will replenish the District's warehouse inventory for system growth and anticipated aging inventory replacements.

Fiscal Impact

Total Single Phase Regulator costs included in this recommendation are $239,938.00. Due to the delivery timeframes these costs will impact the 2026 and 2027 capital budgets.

Contract # 25-21-04 A

CONTRACT
MATERIALS/EQUIPMENT

This agreement is made and entered into on the 10th day of May 2025, by and between:

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, hereinafter referred to as "the District",
AND
IRBY (COOPER/EATON), hereinafter referred to as "the Contractor."

WITNESSETH:

That the Contractor, for the consideration hereinafter fully set out, and the District, for the consideration of material furnished, agrees that:

1. SCOPE OF WORK: Furnish Single Phase Regulators per specifications in Bid Pkg. #25-21-04.

2. DELIVERY & ACCEPTANCE:

   The Contractor shall deliver the Single-Phase Regulators F.O.B. destination to Benton PUD by April 7, 2026; failure to do so may result in damage to the District.

   Testing and Acceptance of conforming items by Benton PUD shall occur within the number of days after delivery as specified in the bid specification (if applicable). Items that fail to meet acceptance criteria as specified in the bid specifications shall be rejected. Acceptance or rejection by the District to the Contractor shall be in writing.

3. PAYMENT:

   Payment will be made within thirty days of Acceptance by the District or receipt of a valid invoice from the Contractor, whichever occurs later.

   The District agrees to pay the Contractor for the material/equipment the sum of Seventy-five thousand, three hundred and fifteen Dollars ($75,315.00), plus applicable Washington State Sales Tax.

4. GUARANTEE:

   The Contractor guarantees the Distribution Transformers against all defects in workmanship, materials, and in design as stated on the warranty provided by Irby (Cooper/Eaton).

5. PERFORMANCE BOND:

The Contractor shall furnish, in favor of the District, a Performance Bond as required by the Contract Documents, and this Contract shall not obligate the District until such Performance Bond has been tendered.

The District is a public entity subject to the disclosure requirements of the Washington Public Records Act of RCW 42.56. The vendor expressly acknowledges and agrees that its proposal and any information vendor submits with its proposal or which vendor submits to the District in its performance of any contract with the District is subject to public disclosure pursuant to the Public Records Act or other applicable law and the District may disclose vendor's proposal and/or accompanying information at its sole discretion in accordance with its obligations under applicable law.

The District must comply with the Preservation and Destruction of Public Records RCW 40.14. The vendor expressly acknowledges and agrees that it will maintain all records and documentation related to the contract in accordance with its obligations under applicable law.

In the event that the District receives a request pursuant to the Washington Public Records Act, or other legal process requesting or mandating disclosure of any information or documents submitted to the District by vendor, the District's sole obligation shall be to notify the vendor promptly, so that the vendor at vendor's expense and cost, may seek court protection of any of the requested information vendor deems confidential.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement.

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY

BY: _____

PRINT: _____

TITLE: _____

DATE: _____

IRBY

BY: _____

PRINT: _____

TITLE: _____

DATE: _____

UBI NO. _____

Contract # 25-21-04 A

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That whereas, **Public Utility District No. 1 of Benton County**, Washington, a municipal corporation, hereinafter designated as the "District", has entered into an agreement dated May 10, 2025, With, Irby hereinafter designated as the "Contractor", providing for Distribution Transformers, which agreement is on file at the District's office and by this reference is made a part hereof.

NOW, THEREFORE, We, the undersigned Contractor, as principal, and a corporation organized and existing under and by virtue of the laws of the State of _____ and duly authorized to do a surety business in the State of Washington, as surety, are held and firmly bound into the State of Washington and the District in the sum of

($75,315.00) plus Washington State sales tax

for the payment of which we do jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns by these presents.

THE CONDITIONS OF THIS OBLIGATION are such that if the said principal, his heirs, representatives or successors, shall well and truly keep and observe all of the covenants, conditions, and agreements in said contract and shall faithfully perform all of the provisions of the contract, pay all taxes of the Contractor arising therefrom, and pay all laborers, mechanics, subcontractors, and material men and all persons who shall supply such person or subcontractors with provisions and supplies for carrying on such work, and shall indemnify and save harmless the District, their officers, and agents, from any and all claims, actions or damage of every kind and description including attorneys' fees and legal expense and from any pecuniary loss resulting from the breach of any of said terms, covenants, or conditions to be performed by the Contractor:

AND FURTHER, that the Contractor will correct or replace any defective work or materials discovered by the said District within a period of one year from the date of acceptance of such work or material by said District, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

No change, extension of time, alteration, or addition to the work to be performed under the agreement shall in any way affect Contractor's or surety's obligation on this bond, and surety does hereby waive notice of any change, extension of time, alterations, or additions thereunder.

This bond is furnished in pursuance of the requirements of Sections 54.04.080 et seq. of Revised Code of Washington, and, in addition to other Contractor and surety to the District for the use and benefit of said District together with all laborers, mechanics, subcontractors, material men, and all persons who supply such person or subcontractors with provisions and supplies for the carrying on of the work covered by the agreement to the extent required by said Revised Code of Washington.

IN WITNESS WHEREOF, the said Contractor and the said surety have caused this bond to be signed and sealed by their duly authorized officers this ____ day of _____, 202__.

_____
Surety

_____
Title

_____
Contractor

_____
Title

Contract # 25-21-04 B

CONTRACT
MATERIALS/EQUIPMENT

This agreement is made and entered into on the 10th day of May 2025, by and between:

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, hereinafter referred to as "the District",
AND
BORDER STATES (SIEMENS / TOSHIBA), hereinafter referred to as "the Contractor."

WITNESSETH:

That the Contractor, for the consideration hereinafter fully set out, and the District, for the consideration of material furnished, agrees that:

1. SCOPE OF WORK: Furnish Single Phase Regulators per specifications in Bid Pkg. #25-21-04.

2. DELIVERY & ACCEPTANCE:

   The Contractor shall deliver the Single-Phase Regulators F.O.B. destination to Benton PUD by November 24, 2026; failure to do so may result in damage to the District.

   Testing and Acceptance of conforming items by Benton PUD shall occur within the number of days after delivery as specified in the bid specification (if applicable). Items that fail to meet acceptance criteria as specified in the bid specifications shall be rejected. Acceptance or rejection by the District to the Contractor shall be in writing.

3. PAYMENT:

   Payment will be made within thirty days of Acceptance by the District or receipt of a valid invoice from the Contractor, whichever occurs later.

   The District agrees to pay the Contractor for the material/equipment the sum of One hundred sixty-four thousand, six hundred and twenty-three Dollars ($164,623.00), plus applicable Washington State Sales Tax.

4. GUARANTEE:

   The Contractor guarantees the Distribution Transformers against all defects in workmanship, materials, and in design as stated on the warranty provided by Border States (Siemens/Toshiba).

5. PERFORMANCE BOND:

The Contractor shall furnish, in favor of the District, a Performance Bond as required by the Contract Documents, and this Contract shall not obligate the District until such Performance Bond has been tendered.

The District is a public entity subject to the disclosure requirements of the Washington Public Records Act of RCW 42.56. The vendor expressly acknowledges and agrees that its proposal and any information vendor submits with its proposal or which vendor submits to the District in its performance of any contract with the District is subject to public disclosure pursuant to the Public Records Act or other applicable law and the District may disclose vendor's proposal and/or accompanying information at its sole discretion in accordance with its obligations under applicable law.

The District must comply with the Preservation and Destruction of Public Records RCW 40.14. The vendor expressly acknowledges and agrees that it will maintain all records and documentation related to the contract in accordance with its obligations under applicable law.

In the event that the District receives a request pursuant to the Washington Public Records Act, or other legal process requesting or mandating disclosure of any information or documents submitted to the District by vendor, the District's sole obligation shall be to notify the vendor promptly, so that the vendor at vendor's expense and cost, may seek court protection of any of the requested information vendor deems confidential.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement.

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY

BY: _____

PRINT: _____

TITLE: _____

DATE: _____

BORDER STATES

BY: _____

PRINT: _____

TITLE: _____

DATE: _____

UBI NO. _____

Contract # 25-21-04 B

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That whereas, **Public Utility District No. 1 of Benton County**, Washington, a municipal corporation, hereinafter designated as the "District", has entered into an agreement dated May 10, 2025, with Border States hereinafter designated as the "Contractor", providing for Distribution Transformers, which agreement is on file at the District's office and by this reference is; made a part hereof.

NOW, THEREFORE, We, the undersigned Contractor, as principal, and a corporation organized and existing under and by virtue of the laws of the State of _____ and duly authorized to do a surety business in the State of Washington, as surety, are held and firmly bound into the State of Washington and the District in the sum of

($164,623.00) plus Washington State sales tax

for the payment of which we do jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns by these presents.

THE CONDITIONS OF THIS OBLIGATION are such that if the said principal, his heirs, representatives or successors, shall well and truly keep and observe all of the covenants, conditions, and agreements in said contract and shall faithfully perform all of the provisions of the contract, pay all taxes of the Contractor arising therefrom, and pay all laborers, mechanics, subcontractors, and material men and all persons who shall supply such person or subcontractors with provisions and supplies for carrying on such work, and shall indemnify and save harmless the District, their officers, and agents, from any and all claims, actions or damage of every kind and description including attorneys' fees and legal expense and from any pecuniary loss resulting from the breach of any of said terms, covenants, or conditions to be performed by the Contractor:

AND FURTHER, that the Contractor will correct or replace any defective work or materials discovered by the said District within a period of one year from the date of acceptance of such work or material by said District, then this obligation shall become null and

void; otherwise, it shall be and remain in full force and effect.

No change, extension of time, alteration, or addition to the work to be performed under the agreement shall in any way affect Contractor's or surety's obligation on this bond, and surety does hereby waive notice of any change, extension of time, alterations, or additions thereunder.

This bond is furnished in pursuance of the requirements of Sections 54.04.080 et seq. of Revised Code of Washington, and, in addition to other Contractor and surety to the District for the use and benefit of said District together with all laborers, mechanics, subcontractors, material men, and all persons who supply such person or subcontractors with provisions and supplies for the carrying on of the work covered by the agreement to the extent required by said Revised Code of Washington.

IN WITNESS WHEREOF, the said Contractor and the said surety have caused this bond to be signed and sealed by their duly authorized officers this ____ day of _____, 202__.

_____

Surety

_____

Title

_____

Contractor

_____

Title

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	PO #57234, Paramount Communications, Inc. (WA State Contract #05620) – Change Order #1	
Authored by:	Brenda Webb	Staff Preparing Item
Presenter:	Chris Folta	Staff Presenting Item (if applicable or N/A)
Approved by:	Chris Folta	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☒ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☐ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☒ Contract / Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

Motion authorizing the General Manager on behalf of the District to sign Change Order #1 of PO #57234 with Paramount Communications, Inc. (WA State Contract #05620) to increase funding by $31,634.27 for a new not-to-exceed of $131,659.94 plus applicable Washington State Sales Tax.

Background/Summary

Utilizing Washington State Contract #05620, the District in partnership with Hanford Mission Integration Solutions (HMIS) overbuilt a section of City of Richland-owned fiber backbone down George Washington Way Blvd. in Richland. The fiber cable, which contained multiple fiber strands leased by the District, had been repeatedly damaged to the point where the provided services were at risk of completely failing and any additional fiber-damage incidents would render the cable unrepairable. This would leave the served District Broadband customers and key redundant communication routes out of service indefinitely. HMIS, a strategic broadband partner and user of District fiber paths in this cable agreed to provide the material and the District agreed to pay for construction of a new fiber cable for the benefit of the District's broadband service capability in the Richland area.

When staff put together the original work order to replace the fiber cable they were told by the City of Richland that there were no accurate splicing records for their fiber cables available, therefore splicing costs were not included at that time and it was planned that a change order would be necessary when field crews completed the cable installation and physically researched the splicing that would be necessary to cut over all the broadband services to the new cable. The construction crew provided the splicing scope of work as agreed to once they completed the installation and accessed the City's fiber vault system.

This change order includes the necessary splicing and physical work to move the end customers over to the newly constructed fiber backbone.

Recommendation

Staff recommends approving this change order for necessary fiber splicing allowing the District to maintain a resilient and available critical communication path for the District's broadband customers served in the City of Richland.

Fiscal Impact

The original work order estimate was $100,025.67, plus tax, and with the necessary additional splicing and physical work, the new total is $131,659.94, plus tax. The 2025 Broadband budget has sufficient funds to cover the additional requested scope of work.

CONTRACT CHANGE ORDER

Contract #: CPO 57234
Change Order #: 1
Vendor Name: Paramount Communications, Inc.
E-Mail: Aric@seeparamount.com
Effective Date: 5/13/25
Contract Work Manager: Chris Folta
Contract Title: George Washington Way Fiber Replacement

Change Order Description:

Increase funding by $31,634.27, bringing the new contract Not-To-Exceed (NTE) amount to $131,659.94, plus Washington State Sales Tax.

Change order Total:	$31,634.27
Original Contract Total:	$100,025.67
New Contract Total:	$131,659.94

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE CONTRACT REMAIN UNCHANGED AND IN FULL FORCE AND AFFECT
The District is a public entity subject to the disclosure requirements of the Washington Public Records Act of RCW 42.56.

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY	PARAMOUNT COMMUNICATIONS, INC.
BY:	BY:
PRINT:	PRINT:
TITLE:	TITLE:
DATE:	DATE:

COMMISSION AGENDA ACTION FORM

Meeting Date:	5/13/2025	
Subject:	2025 Energy Independence Act Compliance Reports	
Authored by:	Terry Mapes / Robert Frost	Staff Preparing Item
Presenter:	Chris Johnson	Staff Presenting Item (if applicable or N/A)
Approved by:	Chris Johnson	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager/Asst GM

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☐ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☒ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☐ Contract/Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☐ Presentation Included

Motion for Commission Consideration:

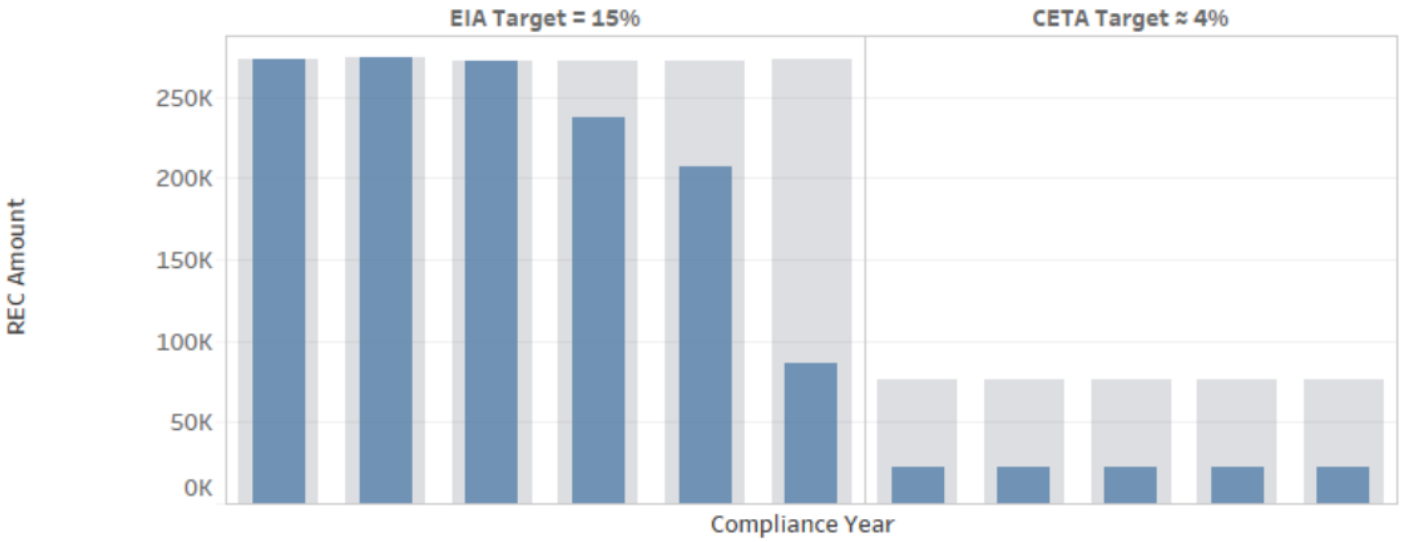
Motion to adopt substantially in the form presented, Benton PUD's 2025 Energy Independence Act (EIA) Renewable Energy and Conservation compliance reports for submittal to the Washington State Department of Commerce.

Background/Summary

The District is required to file reports with the Department of Commerce by June 1st of each year documenting its compliance with EIA renewable energy and conservation requirements. Staff will be presenting information on renewable and conservation activity used to generate the 2025 EIA compliance reports.

The Renewable Energy Report must show the District has contracts in place by January 1st of each year to meet the renewable compliance target for that year. The target is set by averaging the District's retail load from the previous two years and multiplying it by the compliance percentage set by the state. The attached 2025 Renewable Energy Report shows that Renewable Energy Credits (RECs) acquired by contract in 2024 and forecasted for 2025 are sufficient to comply with the District's 15% renewable energy requirement target of 31.23 aMW (shown on the report as 273,545 MWh.)

The chart below from the District's Resource Plan shows the Districts renewable portfolio net position with existing contracts. The blue represents existing Renewable Energy Credit (REC) contracts, and the gray represents a REC deficit. The District will continue monitoring REC contracts for the need of possible future contracts to ensure compliance.



	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
REC Target	273,362	274,195	272,295	272,150	272,551	273,334	75,729	75,760	75,898	76,143	76,293
REC Contracts	273,362	274,195	272,295	237,150	207,551	86,507	22,168	22,168	22,168	22,168	22,168
REC Net Position	0	0	0	-35,000	-65,000	-186,827	-53,561	-53,592	-53,730	-53,975	-54,125

The Conservation report is required annually but covers a biennial period. In odd numbered years it must show the District's progress towards meeting the target and in even numbered years it must show the District's compliance for the entire biennial period. Commission Resolution No. 2670, was signed April 23, 2024, establishing the District's 2024-2025 biennial target at 1.11 aMW (shown on the report as 9,724 MWh). The attached report shows the District's 2024 progress towards meeting the 2024-2025 biennium target and summarizes 0.66 aMW (shown on the report as 5,763 MWh) of conservation achieved including NEEA's estimated energy savings.

Additionally, the District is required by RCW 19.29A.090 to provide its customers an option to purchase alternative energy resources. In 2024, 124 customers purchased $5,063 for the District's Green Power Program which equates to 0.58 aMW RECs based on a $1 REC cost.

Recommendation

Adopt substantially in the form presented, Benton PUD's 2025 Energy Independence Act (EIA) Renewable Energy and Conservation compliance reports for submittal to the Washington State Department of Commerce by the due date of June 1st, 2025.

Fiscal Impact

In 2024, gross renewable expenses were approximately $4.8 Million. Gross conservation expenses for 2024 were approximately $2 Million and after BPA reimbursement net conservation expense was $0.3 Million.

Attachment: 2025 Energy Independence Act Renewable and Conservation Energy Reports

Enter information in yellow-shaded fields.

Do not modify grey-shaded fields.

Energy Independence Act (I-937) Conservation Report 2024-2025

Compliance Year	2025
Utility	Benton County PUD No. 1
Report Date	6/1/2025
Contact Name/Dept	Chris Johnson / Energy Programs
Phone	509-585-5389
Email	johnsonc@bentonpud.org

Summary of Achievement and Targets (MWh)

	2024-2025 Biennial	2026-2027 Biennial
Conservation Potential 2024-2033	73,234	Conservation Potential 2028-2033
Equal Pro Rata Biennial Target	14,647	Equal Pro Rata Biennial Target
Established Biennial Target 2024-2025	9,724	Biennial Target 2026-2027
Actual Achievement 2024-2025	5,763	
Excess Conservation from Prior Periods		
Total Biennial Conservation Savings	5,763	
Deficit/Excess	(3,960)	

Biennial Achievement

Biennial Period 2024-2025

Note: Expenditure amounts do not include any customer or other non-utility costs.

Conservation expenditures *NOT* included in sector expenditures

Achievement Year	Value	Residential	Commercial	Industrial	Agriculture	Distribution Efficiency	Production Efficiency	NEEA	Misc Category 1	Misc Category 2	Total
2024	MWh	657	1,714	1,571	230	36		1,556			5,763
	Utility Expenditures	$ 905,096	$ 303,633	$ 195,042	$ 100,982	$ 13,507			$ 519,135		$ 2,037,396
2025	MWh										
	Utility Expenditures										

Notes, including a brief description of the methodology used to establish the utility's ten-year potential and biennial target to capture cost-effective conservation:

Cell J21 represents the fixed cost (labor, benefits, admin, etc.) portion of conservation costs including all work order costs associated with the only reconductoring project from 2024. Cell G21 represents the BPA reimbursement to Benton PUD for that reconductoring project.

Cell G11 requires excess conservation from the 2022-23 biennium which is still being audited by the SAO and needs to be added later.

Enter information in yellow-shaded fields.
Do not modify grey-shaded fields.

Energy Independence Act (EIA) Renewable Energy Report 2025

Compliance Year	2025
Utility	Benton County PUD No. 1
Report Date	6/1/2025
Utility Contact Name/Dept	Chris Johnson/Power Management
Phone	509-585-5389
Email	johnsonc@bentonpud.org
Compliance Method	RPS Target

Loads and Resources	
2023 Annual Load (MWh)	1,838,441
2024 Annual Load (MWh)	1,808,822
Average Annual Load (MWh)	1,823,632
2025 Eligible Renewable Energy Target (MWh)	273,545
2025 Eligible Renewable Resources and RECs	273,545
2025 Renewable Target (% of load)	15%
2025 Qualifying Renewables (% of load)	0.150000151

Expenditures on Renewable Resources and RECs - 2025	
Total annual retail revenue requirement in 2025	$ 144,482,220
Total cost of eligible renewable resources and RECs	$ 2,557,283
Total cost of eligible renewable resources and RECs as a percent of annual retail revenue requirement	1.77%
Incremental cost of eligible renewable resources and RECs	2,557,283
Incremental cost of eligible renewables and RECs as a percent of annual retail revenue requirement	1.77%

REC Type	Water	Wind	Solar	Geothermal	Landfill Gas	Wave, Ocean, Tidal	Gas from Sewage Treatment	Biodiesel	Biomass (including incremental)	Qualified Biomass (pre-1999)	Apprentice Labor Credit	Distributed Generation Credit	Total MWh
Bundled	22,154	2,154	-	-	-	-	-	-	-	-	-	-	24,308
Unbundled	6,184.0	106,503	21,000	4,129	79,368	-	-	-	-	-	-	32,053	249,237
Total Renewables (MWh+RECs)	28,338	108,657	21,000	4,129	79,368	-	-	-	-	-	-	32,053	273,545

Eligible Renewable Resources/Renewable Energy Credits

WREGIS ID	Facility Name	REC Type	REC Vintage (Year)	Resource Type	Apprentice Labor Eligibility	Distributed Generation Eligibility	Generation Amount/Qty of RECs (MWh)	Apprentice Labor Amount (MWh equiv.)	Distributed Generation Amount (MWh equiv.)	Annual Cost in 2025 ($)	Cost per MWh/REC	Substitute Resource Annual Cost in 2025 ($)	Substitute Resource Cost per MWh	Incremental Cost of Renewable Resource in 2025 ($)	Explanatory Notes/ Description of Substitute Resource
W697	Nine Canyon Wind Project	Unbundled	2024	Wind	No	No	7,600			$ 395,580	$ 52			$ 395,580	2024 RECs ENW
W684	Nine Canyon Wind Project	Unbundled	2024	Wind	No	No	12,125			$ 631,106	$ 52			$ 631,106	2024 RECs ENW
W360	White Creek Wind 1	Unbundled	2024	Wind	No	No	855			$ 5,190	$ 6			$ 5,190	2024 RECs WCW
W1874	Yahoo Creek Wind Park	Unbundled	2024	Wind	No	No	40,115			$ 270,776	$ 7			$ 270,776	2024 IWP
W18730	Franklin Solar	Unbundled	2024	Solar	No	No	21,000			$ 210,000	$ 10			$ 210,000	2024 TEA
W1886	Dry Creek Landfill	Unbundled	2024	Landfill Gas	No	No	19,016			$ 112,194	$ 6			$ 112,194	2024 3Degrees
W2659	#N/A	Unbundled	2024	Landfill Gas	No	No	10,175			$ 60,033	$ 6			$ 60,033	2024 3Degrees
W1634	Hidden Hollow Energy LLC	Unbundled	2024	Landfill Gas	No	No	18,124			$ 106,932	$ 6			$ 106,932	2024 3Degrees
W228	Raft River Energy I	Unbundled	2024	Geothermal	No	No	4,129			$ 24,361	$ 6			$ 24,361	2024 3Degrees
W2869	Mountain Air Wind Projects	Unbundled	2024	Wind	No	No	8,556			$ 50,480	$ 6			$ 50,480	2024 3Degrees
W3845	LRI LFGTE Facility- Phase 1	Unbundled	2024	Landfill Gas	No	Yes	32,053		32,053	$ 423,390	$ 13			$ 423,390	2024 Emerald
W3260	Horse Butte Wind	Unbundled	2024	Wind	No	No	5,156			$ 28,358	$ 6			$ 28,358	2024 RPS
W11554	Jim Knight Hydro	Unbundled	2024	Water	No	No	582			$ 3,201	$ 6			$ 3,201	2024 RPS
W185	Marengo	Unbundled	2024	Wind	No	No	22,660			$ 124,630	$ 6			$ 124,630	2024 RPS
W772	#N/A	Unbundled	2024	Wind	No	No	6,000			$ 33,000	$ 6			$ 33,000	2024 RPS
W11497	MC6 Hydro	Unbundled	2024	Water	No	No	3,101			$ 17,056	$ 6			$ 17,056	2024 RPS
W6967	North Gooding Main Hydro	Unbundled	2024	Water	No	No	1,698			$ 9,339	$ 6			$ 9,339	2024 RPS
W11563	Sagebrush Hydropower	Unbundled	2024	Water	No	No	803			$ 4,417	$ 6			$ 4,417	2024 RPS
W3996	Bonneville Dam	Bundled		Water	No	No	7,384				$ -		$ -	$ -	2025 Estimated BPA
W4422	Cougar Dam	Bundled		Water	No	No	7,384				$ -		$ -	$ -	2025 Estimated BPA
W3802	Grand Coulee	Bundled		Water	No	No	7,386				$ -		$ -	$ -	2025 Estimated BPA
W237	Klondike III	Bundled		Wind	No	No	2,154				$ -		$ -	$ -	2025 Estimated BPA
W185	Marengo	Unbundled	2024	Wind	No	No	2,000			$ 20,000	$ 10			$ 20,000	2024 TEA
W772	#N/A	Unbundled	2024	Wind	No	No	1,000			$ 10,000	$ 10			$ 10,000	2024 TEA
W360	White Creek Wind 1	Unbundled	2024	Wind	No	No	436			$ 17,241	$ 40			$ 17,241	2024 LL&P
					No	No								$ -	
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Totals							241,492	-	32,053	$ 2,557,283	$ 11	$ -	$ -	$ 2,557,283	

Notes:

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	BPA Provider of Choice	
Authored by:	Chris Johnson	Staff Preparing Item
Presenter:	Chris Johnson	Staff Presenting Item (if applicable or N/A)
Approved by:	Chris Johnson	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager/Asst GM

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☐ Consent Agenda	☒ Pass Motion	☐ Decision / Direction
☒ Business Agenda	☐ Pass Resolution	☐ Info Only
☐ Public Hearing	☐ Contract/Change Order	☒ Info Only/Possible Action
☐ Other Business	☒ Sign Letter / Document	☒ Presentation Included

Motion for Commission Consideration:

Motion to authorize General Manager authority to request a Bonneville Power Administration (BPA) Provider of Choice contract with Load Following product for the period of October 1, 2028, through September 30, 2044.

Background/Summary

The Regional Dialogue Power Sales Agreements will expire on September 30, 2028. Throughout the last couple of years, BPA has worked closely with the region to develop the next power sales agreement also known as the Provider of Choice (POC) contract. On March 12, 2025, the POC contract template went out to the region for formal comment review.

The District has the right to request a POC contract from BPA to meet our firm net load by conducting the following between April 1, 2025, and June 18, 2025: 1) request a POC contract from BPA, and 2) select a product choice. BPA encourages their customers to make their request as early in the request window as possible. To receive a Provider of Choice contract offer from BPA, the District must submit a contract request by the June 18, 2025 deadline.

Recommendation

Requesting from BPA a Provider of Choice contract with the Load Following product within the allowed time frame of April 1, 2025 – June 18, 2025, will enable BPA to prepare and deliver to the District a contract offer during the month of September 2025. The District will then be required to sign and return this contract by December 5, 2025. Securing this contract with BPA provides long term clean, reliable hydro resource during the term of October 1, 2028, through September 30, 2044.

Fiscal Impact

The purpose of this motion is to only request BPA prepare the Districts Provider of Choice contract for the term of October 1, 2028, through September 30, 2044.

May 13, 2025

Department of Energy
Bonneville Power Administration
Attention: William Rimmer
PO Box 789
Mead, WA 99021

RE: Request Load Following Provider of Choice Contract; PS-6

William:

This letter is in response to Kim Thompson's March 17, 2025, letter stating BPA is offering Provider of Choice contracts to their eligible customers. These contracts will commence on October 1, 2028 and expire on September 30, 2044. Public Utility District No. 1 of Benton County, Washington (the "District) requests a Provider of Choice contract for the Load Following product choice.

Please contact Chris Johnson, Director of Power Management, johnsonc@bentonpud.org or (509) 585-5389 to confirm this request and for further discussions, if necessary.

Sincerely,

Rick Dunn
General Manager

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	Resolution No. 2694 - 2025 Load Forecast for 2025-2035	
Authored by:	Blake Scherer	Staff Preparing Item
Presenter:	Blake Scherer	Staff Presenting Item (if applicable or N/A)
Approved by:	Chris Johnson	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager/Asst GM

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☐ Consent Agenda	☐ Pass Motion	☐ Decision / Direction
☒ Business Agenda	☒ Pass Resolution	☐ Info Only
☐ Public Hearing	☐ Contract/Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☒ Presentation Included

Motion for Commission Consideration:

Motion adopting Resolution No. 2694, 2025 Load Forecast for 2025-2035.

Background/Summary

The District's load forecast is revised annually and has been updated for the 2025-2035 planning period. The forecast utilizes historical energy, demand, and customer data to establish a forecasted trend for each customer class. The forecast incorporates the expected load reductions associated with the District's conservation program.

The forecast is a key input to the District's planning, including Cost-of-Service Analysis, the Resource Plan, the Power Supply Plan, the Five-Year Capital Plan, and the annual budget. The forecast supports Bonneville Power Administration planning and the regional load forecast prepared by Pacific Northwest Utilities Conference Committee.

Staff will provide a presentation of the load forecast's executive summary.

Recommendation

This Load Forecast update is recommended to support District and regional planning.

Fiscal Impact

This Load Forecast is a key input to revenue forecasting and power supply costs for the 2026 budget.

RESOLUTION NO. 2694

May 13, 2025

A RESOLUTION OF THE COMMISSION OF
PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY REGARDING
APPROVING THE 2025 LOAD FORECAST FOR 2025-2035

WHEREAS, the 2025 Load Forecast for 2025-2035 (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; AND

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Commission of Public Utility District No. 1 of Benton County, that the attached Load Forecast be approved, effective May 13, 2025.

BE IT FURTHER RESOLVED that this Resolution supersedes Resolution No. 2673 and replaces all other Resolutions pertaining to the same herein.

APPROVED AND ADOPTED by the Commission of Public Utility District No. 1 of Benton County at an open public meeting, with notice of such meeting given as required by law, this 13th day of May 2025.

_____
Jeffrey D. Hall, President

ATTEST:

_____
Michael D. Massey, Secretary

Public Utility District No. 1 of Benton County

2025 Load Forecast for 2025-2035

Tables

Figures

1. Executive Summary

The 2025 Load Forecast for 2025-2035 (Forecast) estimates 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 206.1 aMW in 2026, increasing by 3.6 aMW, to 209.7 aMW in 2035, as shown below in **Figure 1-1.** The 5-year (2025-2030) and 10-year (2025-2035) annual average rates of growth are 0.18% and 0.19%, respectively. The Forecast is about 1.2 aMW lower in calendar year 2026 than was estimated by the 2024 forecast.

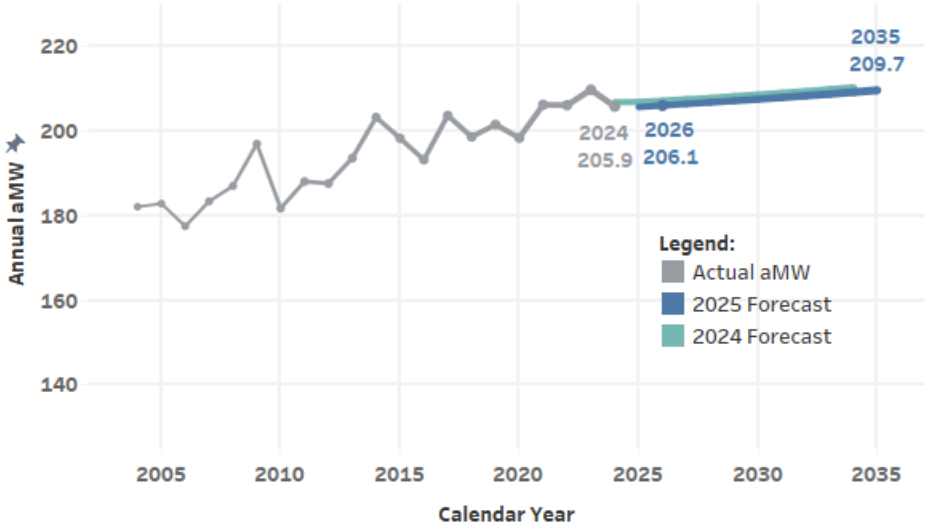

Figure 1-1 – Forecast of annual retail load

The Forecast expects to add about 627 total customers per year (564 residential, 63 non-residential) as shown below in **Figure 1-2.**

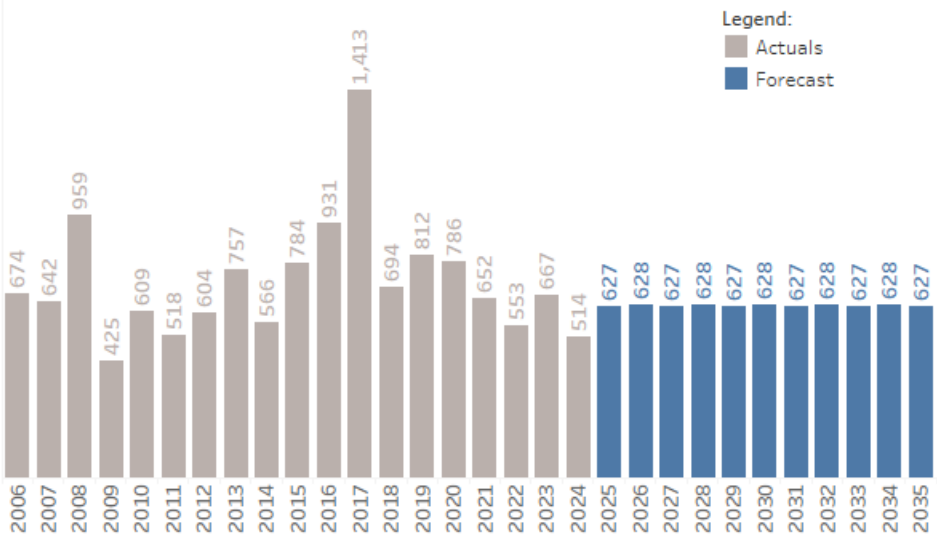

Figure 1-2 – Forecast of annual increase in customers

As shown below in **Figure 1-3**, the forecast includes 10.8 aMW of cumulative conservation over the forecast period, which is comprised of 1.8 aMW of residential and 9.0 aMW of non-residential conservation. For additional information about conservation, refer to **Section 2.5.**

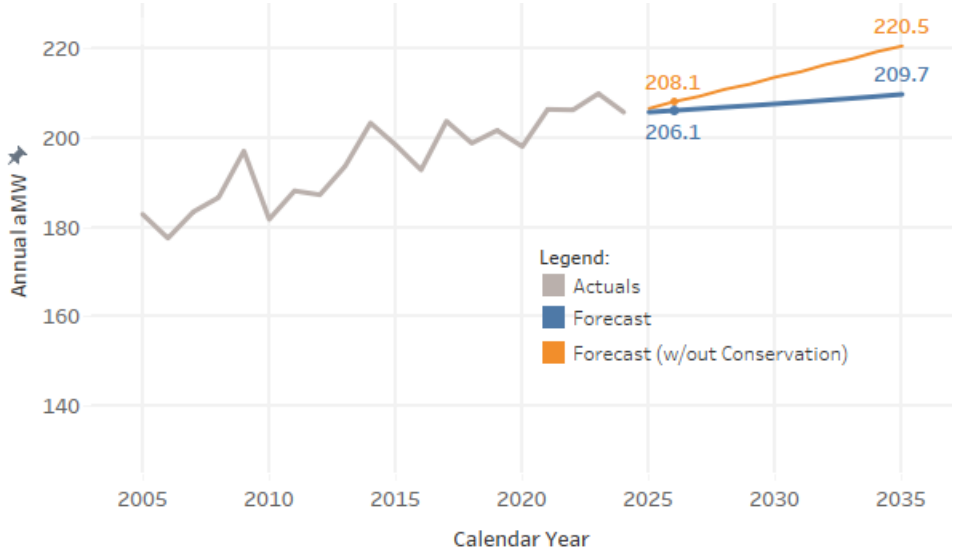

Figure 1-3 – Forecast annual retail load without conservation

Figure 1-4 below shows that residential load is growing (annual growth rate of 1.0%) while non-residential load is declining, primarily due to conservation.

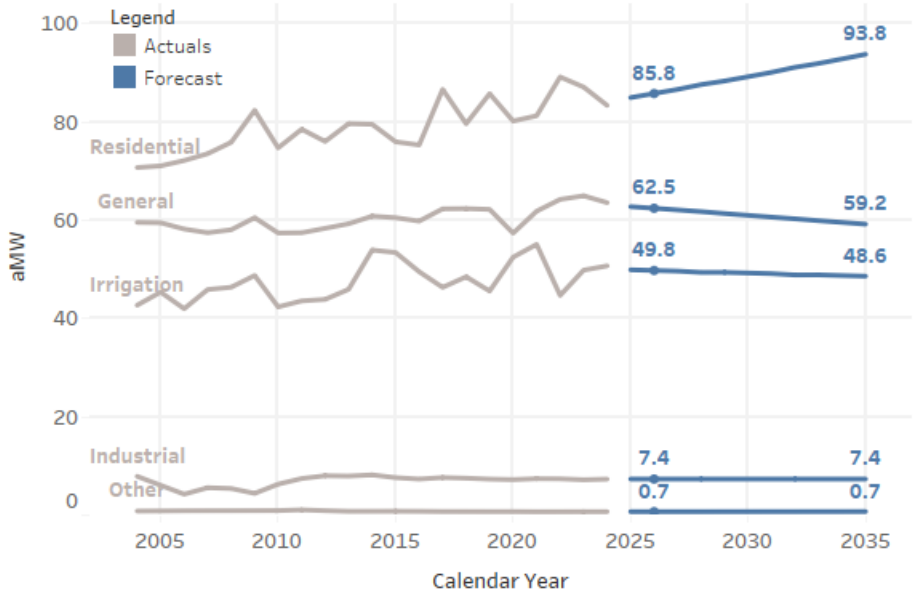

Figure 1-4 – Forecast of annual retail load by customer class

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 2026 budget. **Figure 1-5** below shows the estimated monthly shape of retail load, by customer class, for calendar year 2026.

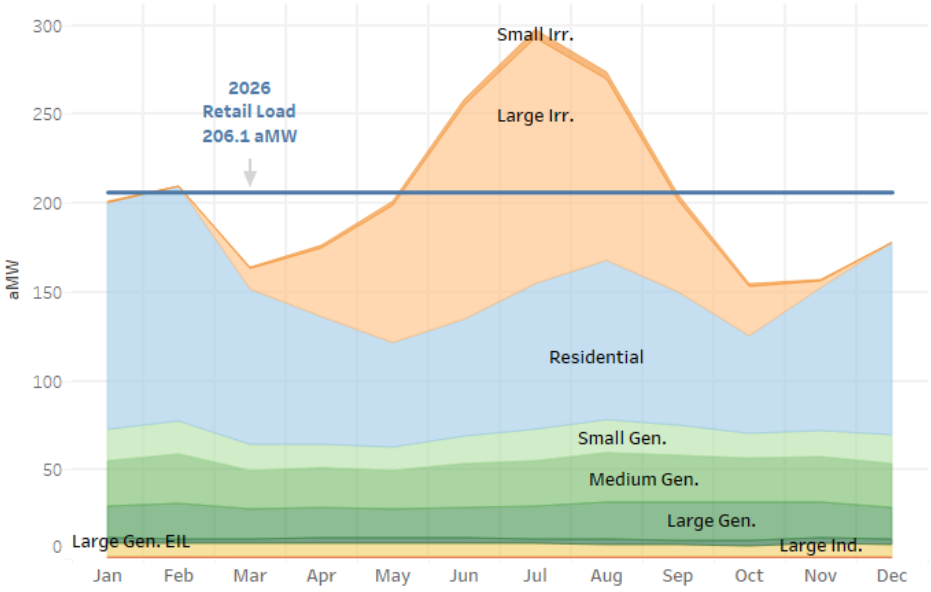

Figure 1-5 – Forecast of monthly retail load by customer class

This Forecast will also be an input to the Power Supply Plan for the District's 2026 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 3.13%. For additional information on system losses and the peak forecast, refer to **Sections 2.7 and 2.8**.

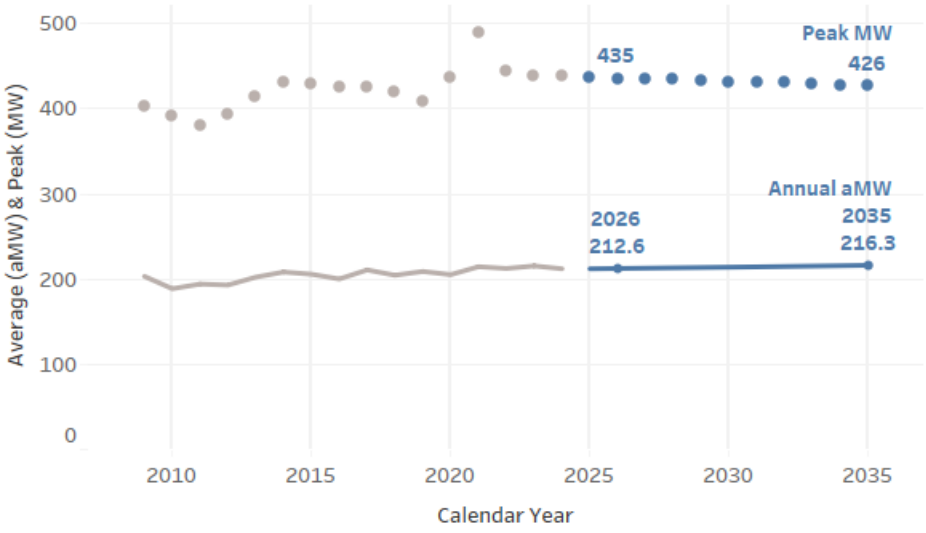

Figure 1-6 – Forecast of annual wholesale load

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)
Total System	All
Residential	11, 12
Small General	21, 90
Medium General	22
Large General	23
Large Industrial	34
Small Irrigation	71
Large Irrigation	72, 73, 74, 75, 76
Street Lights	51
Security Lights	61
Unmetered Flats	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[1]. 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 (2025) is set equal to the annual summation of the 4 or 5-year average (Jan-2021 to Mar-2025) of historical monthly billed energy for each customer class. For example, residential load in January 2025 was assumed equal to the 5-year average of historical January billed load. The 4 or 5-year average is applied for each month and then the months are summed to get the calendar year total by revenue class. For the wholesale load forecast the annual retail forecast is shaped

[1] 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.

to the calendar months using the 4-year average (2021-2024) 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.[2]

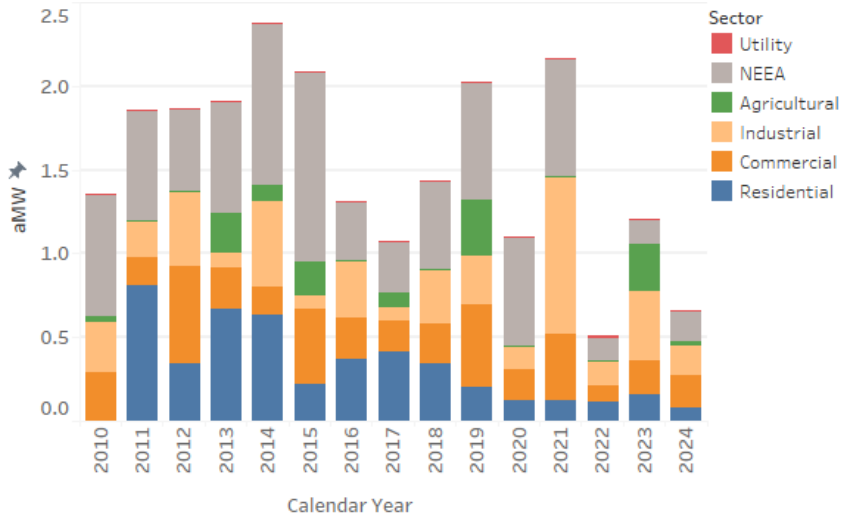

Figure 2-1 – Historical annual conservation by sector

The latest CPA[3] indicates a 10-year cost-effective savings potential of 8.36 aMW, however, the District often 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 10.8 aMW of cumulative conservation through 2035, as shown below, by revenue class, in **Figure 2-2**.

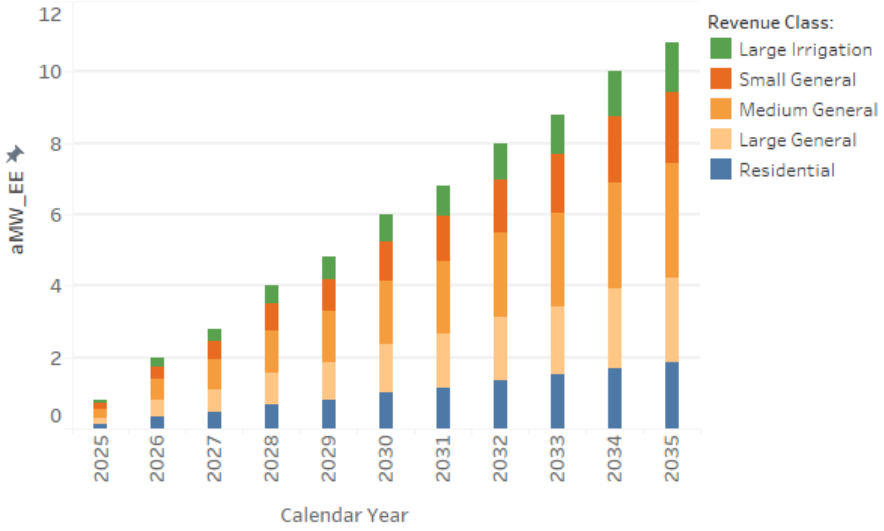

Figure 2-2 – Forecast of annual cumulative conservation by customer class

[2] Historical conservation for 2024 assumes an estimate for NEEA savings, which are not yet final.
[3] 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
Residential	Customer & Load	1) Add 47 customers per month, and 2) Grow load by the 4-year average usage/customer
Small General	Customer & Load	3) Add 6 customers per month, and 4) Grow load by the 4-year average usage/customer;
Medium General	Customer & Load	5) Add 1 customer per year, and 6) Grow load by the 4-year average usage/customer;
Large General	Customer & Load	7) Assume 3.0 aMW of existing Electricity Intensive Load; 8) Add 1 new onion processing facility, with load 2X an existing facility, starting in May-2026 (at 50% of normal in May) 9) Add 1 new onion storage shed every other year, with load matching an existing shed, starting in May-2028 (4 sheds total)
Large Industrial	Customer & Load	10) No new customers or load
Small Irrigation	Customer & Load	11) Remove 1 customer per year and reduce load slightly
Large Irrigation	Customer & Load	12) No new customers or load
Streetlights	Customer & Load	13) No new customers or load
Security Lights	Customer & Load	14) Remove 1 customer per month and reduce load slightly
Unmetered Flats	Customer & Load	15) 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 3.13%, which is the average of the last 4 years of historical annual losses.

2.8 Peak Forecast

To calculate a monthly peak forecast, a 4-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 0.26% for the 2017-2024 vintage forecasts. Past forecast growth rates averaged 0.54% for 2010-2016 forecasts and 1.65% for 2003-2009 forecasts.

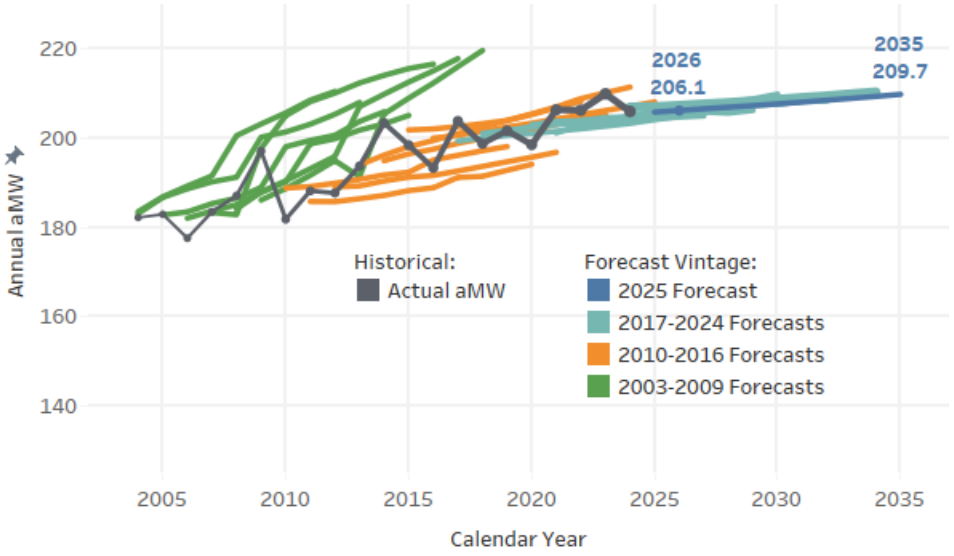

Figure 3-1 – Retail load forecast history

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 2024 variance is based on the 2024 actual vs. the 2023 forecast for calendar year 2024). Positive numbers indicate actuals were higher than forecast and negative numbers indicate actuals were lower than forecast.

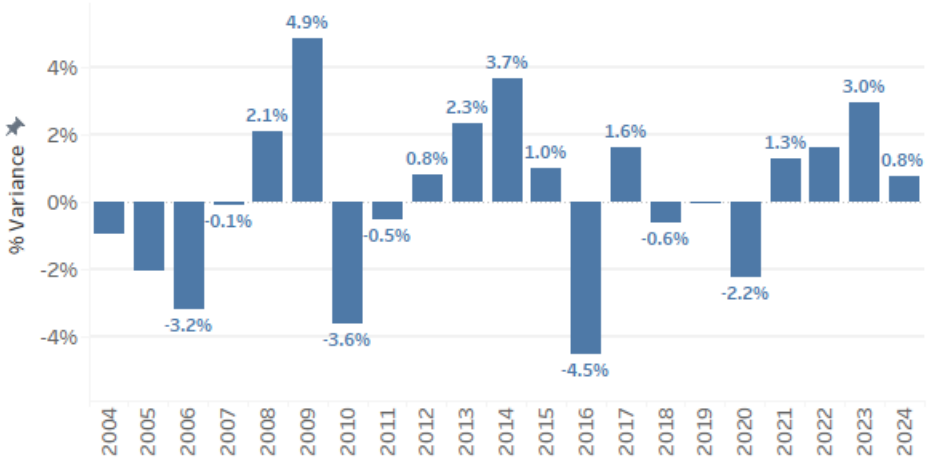

Figure 3-2 – Forecast variance

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.

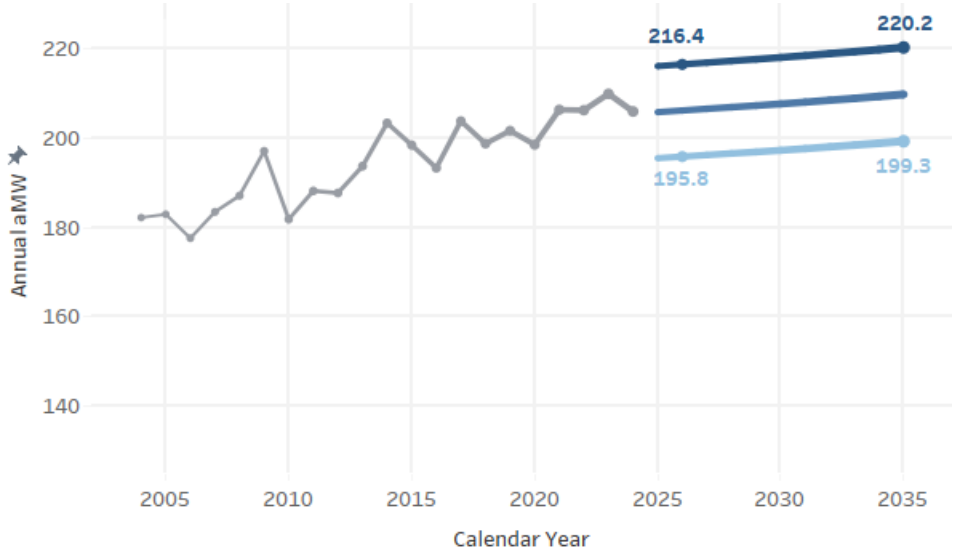

Figure 3-3 – Forecast high and low cases

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 2024 with 1,155 customer generation services (production meters), an increase of 81 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.

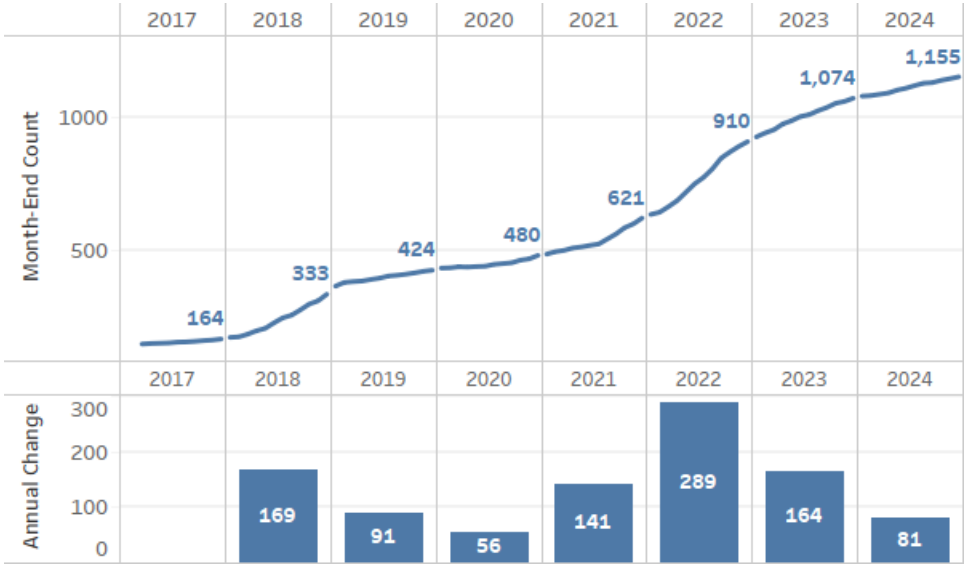

Figure 3-4 – Count of customer generation services

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 annual production of the District's customer generation, including the District's community solar projects, is shown below in **Table 3-1**.

Table 3-1 – Annual amount of customer generation

Calendar Year	Average Megawatts (aMW)	Megawatt-hours (MWh)	Peak Hour Megawatts (MW)	Peak Hour Date & Time
2022	1.0	9,012	5.7	May 3, 2022 12:00-1:00 p.m.
2023	1.4	11,932	7.2	June 14, 2023 12:00-1:00 p.m.
2024	1.5	13,208	8.1	June 3, 2024 12:00-1:00 p.m.

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 2025, the District has 7 customers operating a total of 9 EIL services across multiple customer classes: 2 residential, 2 small general, 2 medium general, and 3 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 historical monthly average load of large general EIL customers had increased up to 5.6 aMW as of March 2024, but then decreased significantly by mid-2024 after 3 EIL services ended service. This Forecast assumes that the currently active, large general EIL loads will continue at about 3.0 aMW annually, as shown below in **Figure 3-5**, a decrease of 2.0 aMW from the 5.0 aMW assumed in the 2024 forecast.

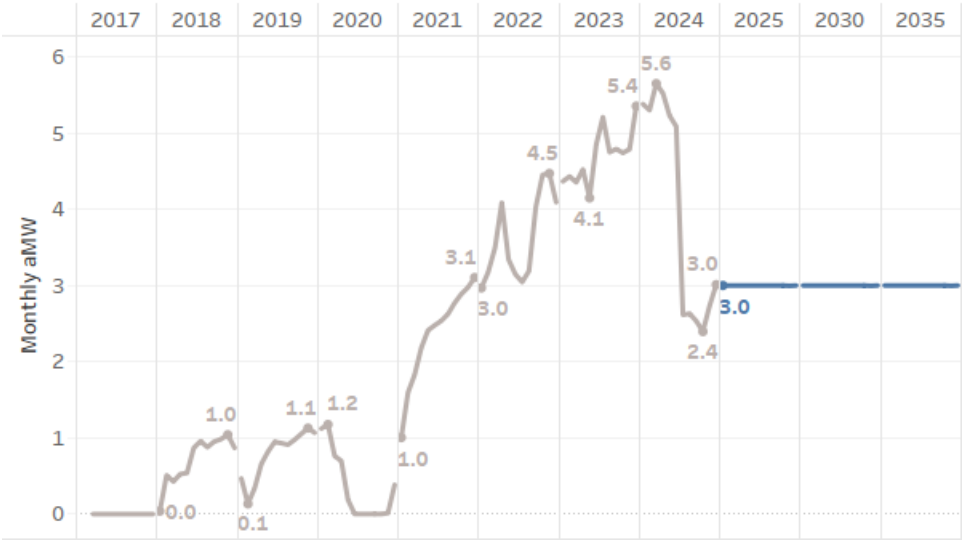

Figure 3-5 – Forecast of large general Electricity Intensive Load

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 that remains a relevant reference for resource planning.[4]

The Washington State Department of Licensing (WA DOL) maintains a database and website of electric vehicles registered in Washington State[5]. 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[6], the Benton County passenger EV adoption rate (percentage of electric vehicles to non-electric vehicles) was 2.0% through December 2024, up from 1.5% in December 2023. Benton County ended 2024 with 2,075 BEVs, an increase of 645 for the year, as shown below in **Figure 3-6**.

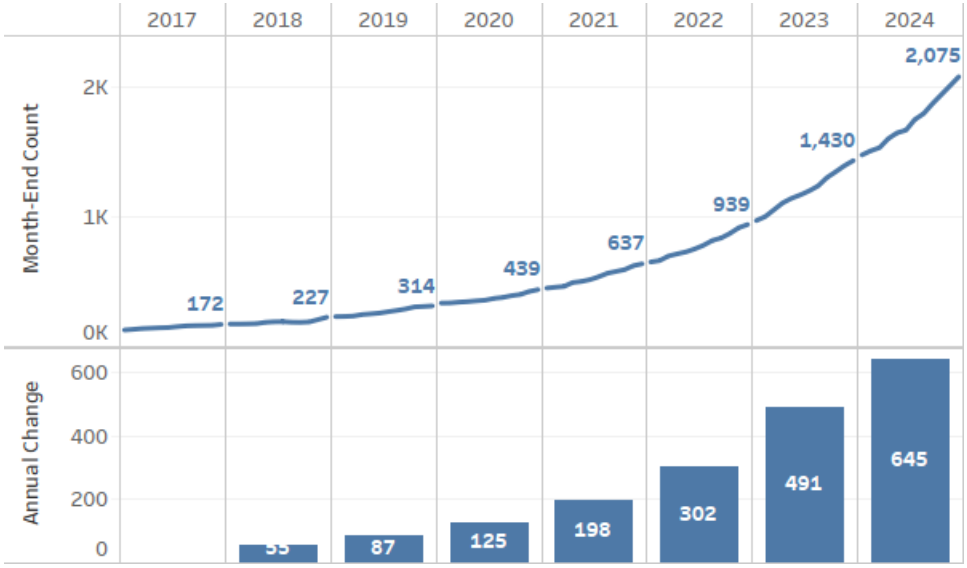

Figure 3-6 – Battery electric vehicles registered in Benton County

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–2,075 BEV's would add about 0.66 aMW of annual load. If all 2,075 BEV's charged at the same time using a level 2 charger (240-volt, 40 amp) it would add about 20 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, nor would all BEV's charge at their maximum rate at the same time.

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. The District

[4] For the 2022 Forecast, refer to Resolution No. 2600 – April 26, 2022
[5] https://data.wa.gov/Transportation/Electric-Vehicle-Population-Data/f6w7-q2d2
[6] https://data.wa.gov/Transportation/Monthly-Electric-Vehicle-Adoption-Rate-by-County/crrp-awfs

also began offering a $20 rebate for Energy Star® qualified level 2 EV charges. The annual count of EV rebates is shown below in **Table 3-2**.

Table 3-2– Annual count of electric vehicle rebates

Calendar Year	EV Rebate Count	Level 2 Charger Rebate Count
2020	5	-
2021	9	-
2022	13	-
2023	24	2
2024	20	12
2025*	6	1
Total	77	16

**2025 is only through April 24, 2025*

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. The impacts have not been explicitly included within this Forecast, but the 2022 analysis remains relevant for resource planning scenarios.

4. Forecast for Total System

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

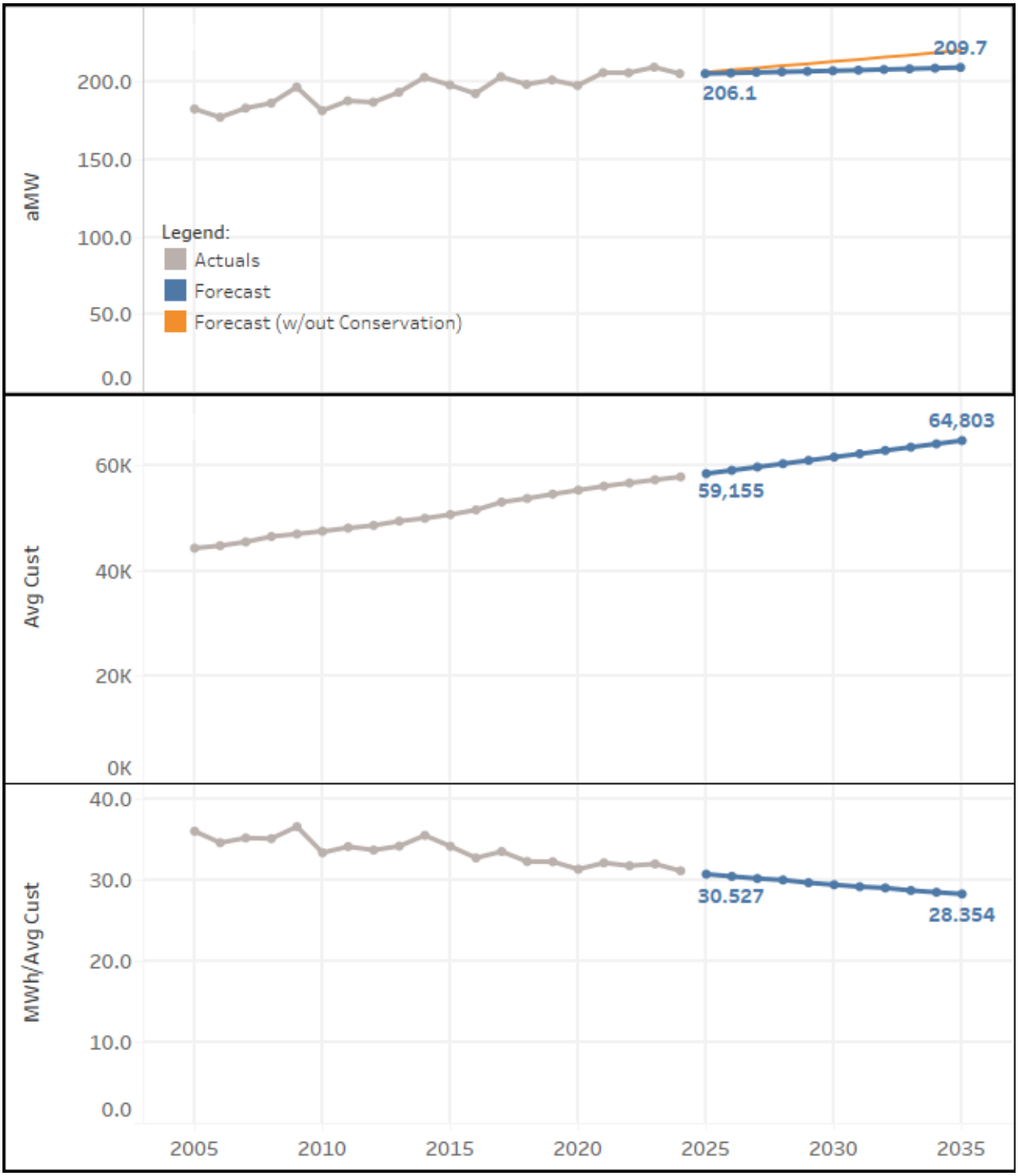

Figure 4-1 – Total System forecast of retail load, customers and usage per customer

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	-2.9%	1,555,710	44,856	34.682	45,302	674	1.5%	
2007	183.5	5.885	3.3%	1,607,265	45,569	35.271	45,944	642	1.4%	
2008	186.7	3.209	1.7%	1,639,856	46,600	35.190	46,903	959	2.1%	
2009	197.1	10.384	5.6%	1,726,341	47,074	36.673	47,328	425	0.9%	
2010	181.8	-15.244	-7.7%	1,592,802	47,617	33.450	47,937	609	1.3%	
2011	188.2	6.342	3.5%	1,648,362	48,197	34.201	48,455	518	1.1%	
2012	187.3	-0.865	-0.5%	1,645,277	48,710	33.777	49,059	604	1.2%	
2013	193.7	6.392	3.4%	1,696,774	49,520	34.264	49,816	757	1.5%	
2014	203.3	9.652	5.0%	1,781,322	50,053	35.589	50,382	566	1.1%	
2015	198.4	-4.943	-2.4%	1,738,022	50,762	34.239	51,166	784	1.6%	
2016	192.9	-5.545	-2.8%	1,694,078	51,643	32.804	52,097	931	1.8%	
2017	203.8	10.893	5.6%	1,784,871	53,130	33.594	53,510	1,413	2.7%	
2018	198.8	-4.917	-2.4%	1,741,798	53,818	32.365	54,204	694	1.3%	
2019	201.7	2.851	1.4%	1,766,774	54,644	32.332	55,016	812	1.5%	
2020	198.1	-3.595	-1.8%	1,740,034	55,398	31.410	55,802	786	1.4%	
2021	206.4	8.294	4.2%	1,807,939	56,149	32.199	56,454	652	1.2%	
2022	206.3	-0.111	-0.1%	1,806,970	56,753	31.839	57,007	553	1.0%	
2023	209.9	3.641	1.8%	1,838,863	57,357	32.060	57,674	667	1.2%	
2024	205.8	-4.144	-2.0%	1,807,504	57,910	31.212	58,188	514	0.9%	
2025	205.8	0.002	0.0%	1,802,580	58,528	30.799	58,815	627	1.1%	0.800
2026	206.1	0.369	0.2%	1,805,809	59,155	30.527	59,443	628	1.1%	2.000
2027	206.5	0.379	0.2%	1,809,127	59,783	30.262	60,070	627	1.1%	2.800
2028	206.9	0.364	0.2%	1,817,278	60,410	30.082	60,698	628	1.0%	4.000
2029	207.2	0.352	0.2%	1,815,392	61,038	29.742	61,325	627	1.0%	4.800
2030	207.6	0.381	0.2%	1,818,732	61,665	29.494	61,953	628	1.0%	6.000
2031	208.0	0.394	0.2%	1,822,186	62,293	29.252	62,580	627	1.0%	6.800
2032	208.4	0.429	0.2%	1,830,945	62,920	29.099	63,208	628	1.0%	8.000
2033	208.8	0.407	0.2%	1,829,512	63,548	28.790	63,835	627	1.0%	8.800
2034	209.3	0.443	0.2%	1,833,390	64,175	28.568	64,463	628	1.0%	10.000
2035	209.7	0.457	0.2%	1,837,390	64,803	28.354	65,090	627	1.0%	10.800

5. Forecast by Customer Class

5.1 Residential

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

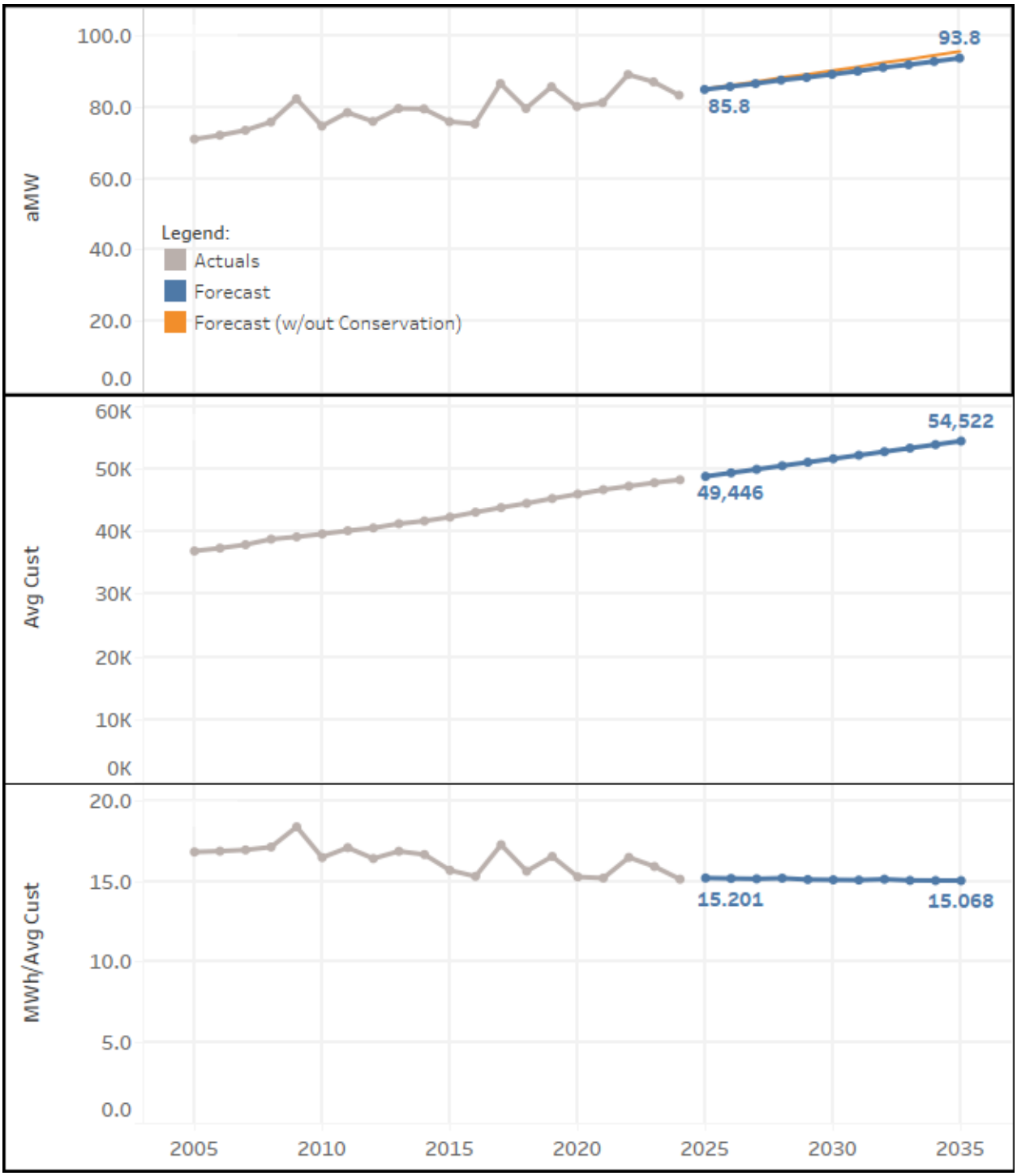

Figure 5-1 – Residential forecast of retail load, customers and usage per customer

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	1.5%	632,213	37,418	16.896	37,802	566	1.5%	
2007	73.6	1.390	1.9%	644,392	37,969	16.972	38,285	483	1.3%	
2008	75.9	2.306	3.1%	666,418	38,855	17.151	39,095	810	2.1%	
2009	82.4	6.521	8.6%	721,719	39,220	18.402	39,430	335	0.9%	
2010	74.7	-7.642	-9.3%	654,775	39,687	16.498	39,973	543	1.4%	
2011	78.5	3.787	5.1%	687,953	40,201	17.113	40,432	459	1.1%	
2012	76.0	-2.484	-3.2%	668,018	40,645	16.435	40,955	523	1.3%	
2013	79.7	3.618	4.8%	697,887	41,321	16.889	41,561	606	1.5%	
2014	79.5	-0.124	-0.2%	696,804	41,758	16.687	42,039	478	1.2%	
2015	76.0	-3.573	-4.5%	665,505	42,375	15.705	42,724	685	1.6%	
2016	75.3	-0.636	-0.8%	661,742	43,157	15.333	43,574	850	2.0%	
2017	86.6	11.309	15.0%	759,000	43,895	17.291	44,244	670	1.5%	
2018	79.7	-6.983	-8.1%	697,827	44,578	15.654	44,967	723	1.6%	
2019	85.8	6.101	7.7%	751,276	45,348	16.567	45,717	750	1.7%	
2020	80.2	-5.555	-6.5%	704,537	46,053	15.298	46,420	703	1.5%	
2021	81.3	1.067	1.3%	711,958	46,763	15.225	47,033	613	1.3%	
2022	89.2	7.896	9.7%	781,127	47,320	16.507	47,573	540	1.1%	
2023	87.1	-2.050	-2.3%	763,170	47,866	15.944	48,133	560	1.2%	
2024	83.4	-3.736	-4.3%	732,442	48,332	15.154	48,576	443	0.9%	
2025	85.0	1.595	1.9%	744,415	48,882	15.229	49,140	564	1.2%	0.136
2026	85.8	0.823	1.0%	751,621	49,446	15.201	49,704	564	1.1%	0.341
2027	86.6	0.841	1.0%	758,988	50,010	15.177	50,268	564	1.1%	0.478
2028	87.6	0.975	1.1%	769,629	50,574	15.218	50,832	564	1.1%	0.682
2029	88.4	0.736	0.8%	773,977	51,138	15.135	51,396	564	1.1%	0.819
2030	89.2	0.871	1.0%	781,604	51,702	15.118	51,960	564	1.1%	1.023
2031	90.1	0.889	1.0%	789,392	52,266	15.103	52,524	564	1.1%	1.160
2032	91.1	1.029	1.1%	800,595	52,830	15.154	53,088	564	1.1%	1.365
2033	91.9	0.780	0.9%	805,238	53,394	15.081	53,652	564	1.1%	1.501
2034	92.8	0.920	1.0%	813,300	53,958	15.073	54,216	564	1.1%	1.706
2035	93.8	0.939	1.0%	821,528	54,522	15.068	54,780	564	1.0%	1.842

5.2 Small General

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

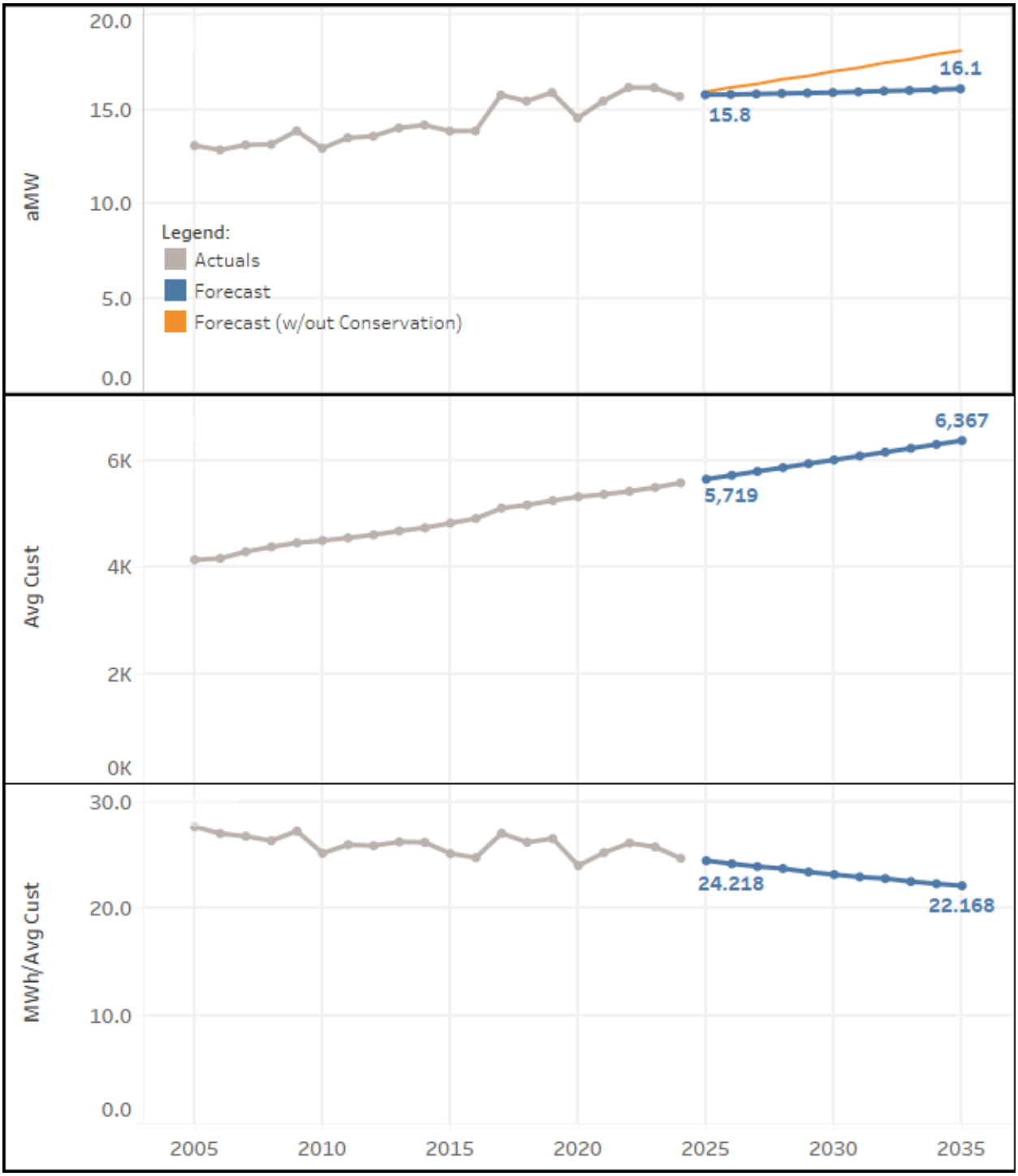

Figure 5-2 – Small General forecast of retail load, customers and usage per customer

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

Calendar Year	aMW	aMW 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	13.1			114,710	4,144	27.681	4,128			
2006	12.9	-0.229	-1.7%	112,705	4,169	27.034	4,232	104	2.5%	
2007	13.1	0.268	2.1%	115,049	4,295	26.787	4,324	92	2.2%	
2008	13.2	0.029	0.2%	115,616	4,385	26.366	4,445	121	2.8%	
2009	13.9	0.717	5.4%	121,580	4,460	27.260	4,484	39	0.9%	
2010	13.0	-0.924	-6.7%	113,483	4,503	25.202	4,528	44	1.0%	
2011	13.5	0.554	4.3%	118,338	4,553	25.991	4,576	48	1.1%	
2012	13.6	0.086	0.6%	119,421	4,610	25.905	4,652	76	1.7%	
2013	14.0	0.438	3.2%	122,928	4,682	26.255	4,709	57	1.2%	
2014	14.2	0.155	1.1%	124,285	4,741	26.215	4,784	75	1.6%	
2015	13.9	-0.318	-2.2%	121,498	4,828	25.165	4,883	99	2.1%	
2016	13.9	0.004	0.0%	121,868	4,915	24.795	4,949	66	1.4%	
2017	15.8	1.906	13.7%	138,233	5,108	27.062	5,175	226	4.6%	
2018	15.5	-0.319	-2.0%	135,443	5,166	26.218	5,170	-5	-0.1%	
2019	15.9	0.454	2.9%	139,416	5,248	26.565	5,282	112	2.2%	
2020	14.6	-1.355	-8.5%	127,892	5,319	24.044	5,354	72	1.4%	
2021	15.5	0.901	6.2%	135,437	5,364	25.249	5,388	34	0.6%	
2022	16.2	0.721	4.7%	141,750	5,421	26.148	5,430	42	0.8%	
2023	16.2	-0.010	-0.1%	141,664	5,493	25.790	5,541	111	2.0%	
2024	15.7	-0.470	-2.9%	137,921	5,578	24.726	5,608	67	1.2%	
2025	15.8	0.094	0.6%	138,365	5,647	24.502	5,680	72	1.3%	0.150
2026	15.8	0.016	0.1%	138,503	5,719	24.218	5,752	72	1.3%	0.374
2027	15.8	0.025	0.2%	138,723	5,791	23.955	5,824	72	1.3%	0.524
2028	15.9	0.031	0.2%	139,371	5,863	23.771	5,896	72	1.2%	0.749
2029	15.9	0.022	0.1%	139,180	5,935	23.451	5,968	72	1.2%	0.899
2030	15.9	0.027	0.2%	139,413	6,007	23.208	6,040	72	1.2%	1.123
2031	16.0	0.036	0.2%	139,732	6,079	22.986	6,112	72	1.2%	1.273
2032	16.0	0.042	0.3%	140,484	6,151	22.839	6,184	72	1.2%	1.498
2033	16.0	0.033	0.2%	140,385	6,223	22.559	6,256	72	1.2%	1.647
2034	16.1	0.038	0.2%	140,720	6,295	22.354	6,328	72	1.2%	1.872
2035	16.1	0.048	0.3%	141,141	6,367	22.168	6,400	72	1.1%	2.022

5.3 Medium General

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

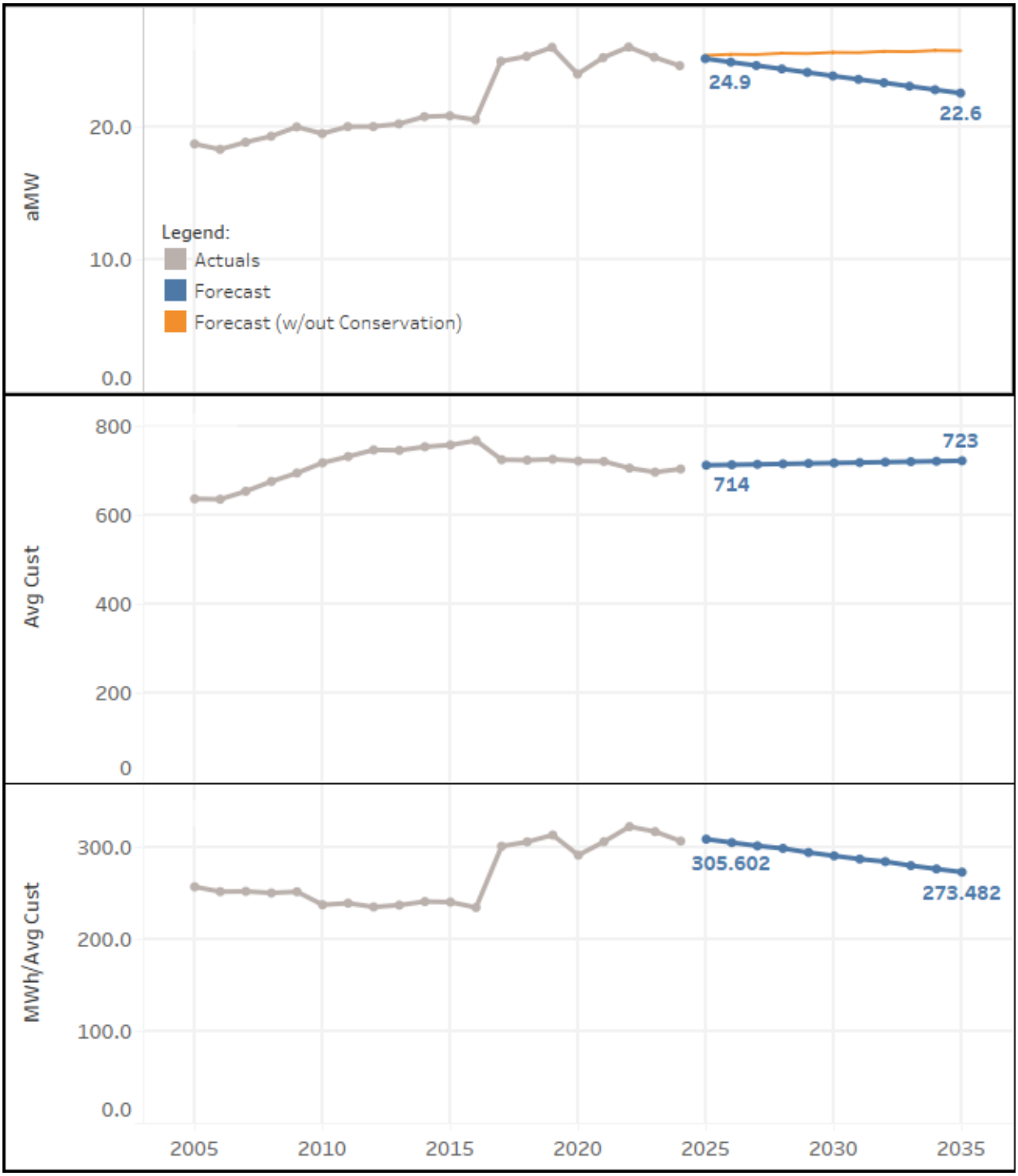

Figure 5-3 – Medium General forecast of retail load, customers and usage per customer

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	-2.2%	160,440	636	252.263	641	14	2.2%	
2007	18.9	0.542	3.0%	165,186	654	252.577	665	24	3.7%	
2008	19.3	0.448	2.4%	169,571	676	250.845	683	18	2.7%	
2009	20.0	0.703	3.6%	175,265	695	252.179	707	24	3.5%	
2010	19.5	-0.502	-2.5%	170,868	718	237.977	725	18	2.5%	
2011	20.0	0.525	2.7%	175,463	732	239.704	747	22	3.0%	
2012	20.0	0.006	0.0%	175,999	747	235.607	742	-5	-0.7%	
2013	20.2	0.198	1.0%	177,250	746	237.601	750	8	1.1%	
2014	20.8	0.547	2.7%	182,044	754	241.437	758	8	1.1%	
2015	20.8	0.065	0.3%	182,610	758	240.911	762	4	0.5%	
2016	20.5	-0.301	-1.4%	180,467	768	234.983	775	13	1.7%	
2017	25.0	4.416	21.5%	218,659	725	301.599	716	-59	-7.6%	
2018	25.3	0.362	1.5%	221,833	724	306.399	728	12	1.7%	
2019	26.0	0.684	2.7%	227,826	726	313.810	721	-7	-1.0%	
2020	24.0	-2.012	-7.7%	210,780	722	291.939	727	6	0.8%	
2021	25.2	1.235	5.1%	221,024	721	306.552	713	-14	-1.9%	
2022	26.0	0.799	3.2%	228,026	706	322.983	702	-11	-1.5%	
2023	25.3	-0.764	-2.9%	221,333	697	317.552	701	-1	-0.1%	
2024	24.6	-0.643	-2.5%	216,288	704	307.227	712	11	1.6%	
2025	25.2	0.535	2.2%	220,386	713	309.296	713	1	0.1%	0.237
2026	24.9	-0.266	-1.1%	218,060	714	305.602	714	1	0.1%	0.591
2027	24.6	-0.255	-1.0%	215,826	715	302.048	715	1	0.1%	0.828
2028	24.4	-0.258	-1.0%	214,149	716	299.283	716	1	0.1%	1.183
2029	24.1	-0.262	-1.1%	211,267	717	294.842	717	1	0.1%	1.419
2030	23.9	-0.265	-1.1%	208,941	718	291.191	718	1	0.1%	1.774
2031	23.6	-0.255	-1.1%	206,710	719	287.679	719	1	0.1%	2.011
2032	23.3	-0.258	-1.1%	205,011	720	284.919	720	1	0.1%	2.366
2033	23.1	-0.262	-1.1%	202,155	721	280.559	721	1	0.1%	2.602
2034	22.8	-0.265	-1.1%	199,832	722	276.952	722	1	0.1%	2.957
2035	22.6	-0.255	-1.1%	197,602	723	273.482	723	1	0.1%	3.194

5.4 Large General

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

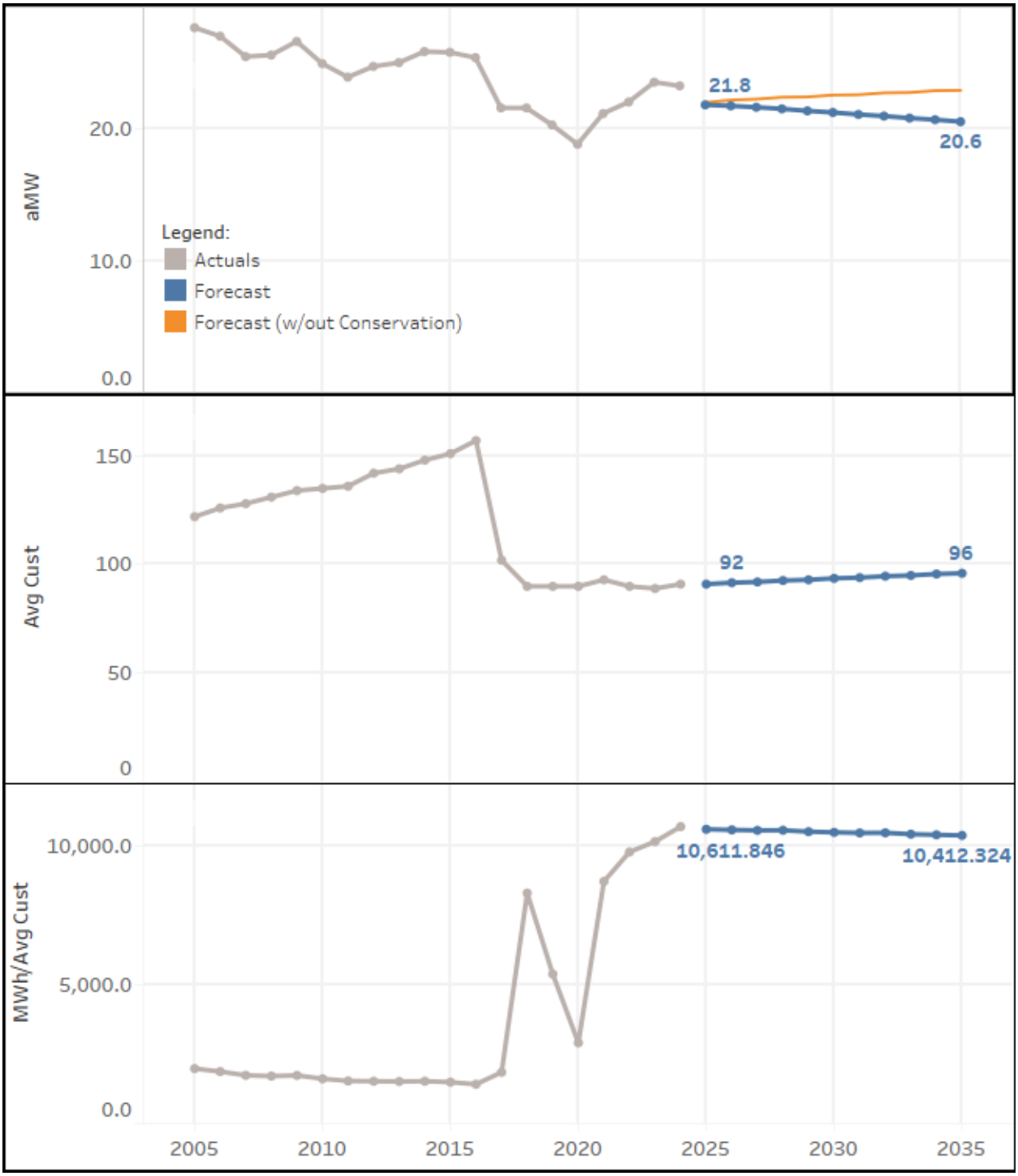

Figure 5-4 – Large General forecast of retail load, customers and usage per customer

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	123			
2006	27.0	-0.645	-2.3%	236,908	126	1,880	127	4	3.3%	
2007	25.5	-1.552	-5.7%	223,317	128	1,745	131	4	3.1%	
2008	25.6	0.117	0.5%	224,958	131	1,717	132	1	0.8%	
2009	26.6	1.035	4.0%	233,410	134	1,742	135	3	2.3%	
2010	25.0	-1.681	-6.3%	218,686	135	1,620	135	0	0.0%	
2011	23.9	-1.029	-4.1%	209,669	136	1,542	141	6	4.4%	
2012	24.7	0.812	3.4%	217,377	142	1,531	143	2	1.4%	
2013	25.0	0.289	1.2%	219,315	144	1,523	146	3	2.1%	
2014	25.9	0.841	3.4%	226,679	148	1,532	151	5	3.4%	
2015	25.8	-0.058	-0.2%	226,175	151	1,498	153	2	1.3%	
2016	25.4	-0.401	-1.6%	223,268	157	1,422	160	7	4.6%	
2017	21.6	-3.819	-15.0%	189,204	102	1,855	89	-71	-44.4%	
2018	21.6	-0.004	0.0%	189,170	90	8,327	91	2	2.2%	
2019	20.3	-1.291	-6.0%	177,864	90	5,403	88	-3	-3.3%	
2020	18.8	-1.468	-7.2%	165,455	90	2,920	93	5	5.7%	
2021	21.2	2.333	12.4%	185,439	93	8,751	90	-3	-3.2%	
2022	22.0	0.878	4.1%	193,126	90	9,813	89	-1	-1.1%	
2023	23.6	1.506	6.8%	206,319	89	10,189	90	1	1.1%	
2024	23.3	-0.281	-1.2%	204,419	91	10,730	91	1	1.1%	
2025	21.8	-1.443	-6.2%	191,222	91	10,633	91	0	0.0%	0.176
2026	21.8	-0.076	-0.3%	190,559	92	10,612	92	1	1.1%	0.441
2027	21.6	-0.106	-0.5%	189,627	92	10,594	92	0	0.0%	0.617
2028	21.5	-0.120	-0.6%	189,090	93	10,598	93	1	1.1%	0.881
2029	21.4	-0.154	-0.7%	187,228	93	10,547	93	0	0.0%	1.058
2030	21.3	-0.122	-0.6%	186,158	94	10,522	94	1	1.1%	1.322
2031	21.1	-0.152	-0.7%	184,829	94	10,501	94	0	0.0%	1.498
2032	21.0	-0.121	-0.6%	184,273	95	10,506	95	1	1.1%	1.763
2033	20.8	-0.153	-0.7%	182,431	95	10,456	95	0	0.0%	1.939
2034	20.7	-0.122	-0.6%	181,361	96	10,433	96	1	1.1%	2.203
2035	20.6	-0.152	-0.7%	180,033	96	10,412	96	0	0.0%	2.380

5.5 Large Industrial

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

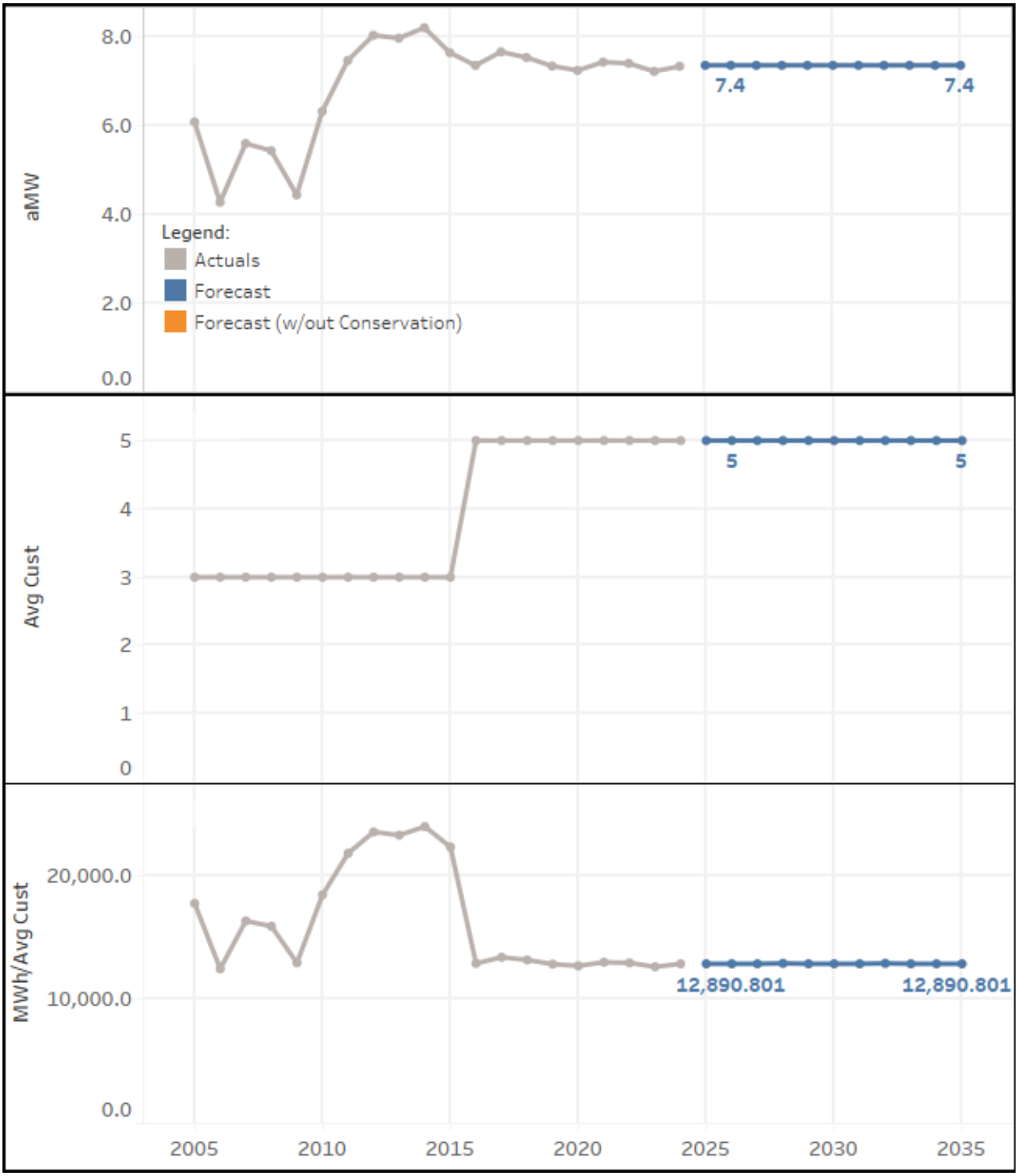

Figure 5-5 – Large Industrial forecast of retail load, customers and usage per customer

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	17,762	3			
2006	4.3	-1.807	-29.7%	37,456	3	12,485	3	0	0.0%	
2007	5.6	1.323	30.9%	49,045	3	16,348	3	0	0.0%	
2008	5.4	-0.162	-2.9%	47,760	3	15,920	3	0	0.0%	
2009	4.4	-0.996	-18.3%	38,909	3	12,970	3	0	0.0%	
2010	6.3	1.878	42.3%	55,365	3	18,455	3	0	0.0%	
2011	7.5	1.147	18.1%	65,411	3	21,804	3	0	0.0%	
2012	8.0	0.568	7.6%	70,575	3	23,525	3	0	0.0%	
2013	8.0	-0.066	-0.8%	69,803	3	23,268	3	0	0.0%	
2014	8.2	0.236	3.0%	71,869	3	23,956	3	0	0.0%	
2015	7.6	-0.563	-6.9%	66,942	3	22,314	3	0	0.0%	
2016	7.4	-0.286	-3.7%	64,612	5	12,922	5	2	66.7%	
2017	7.7	0.304	4.1%	67,101	5	13,420	5	0	0.0%	
2018	7.5	-0.126	-1.6%	65,997	5	13,199	5	0	0.0%	
2019	7.3	-0.192	-2.5%	64,318	5	12,864	5	0	0.0%	
2020	7.2	-0.099	-1.3%	63,625	5	12,725	5	0	0.0%	
2021	7.4	0.186	2.6%	65,084	5	13,017	5	0	0.0%	
2022	7.4	-0.028	-0.4%	64,835	5	12,967	5	0	0.0%	
2023	7.2	-0.181	-2.4%	63,252	5	12,650	5	0	0.0%	
2024	7.3	0.116	1.6%	64,445	5	12,889	5	0	0.0%	
2025	7.4	0.021	0.3%	64,454	5	12,891	5	0	0.0%	0.000
2026	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2027	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2028	7.4	0.000	0.0%	64,631	5	12,926	5	0	0.0%	0.000
2029	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2030	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2031	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2032	7.4	0.000	0.0%	64,631	5	12,926	5	0	0.0%	0.000
2033	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2034	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000
2035	7.4	0.000	0.0%	64,454	5	12,891	5	0	0.0%	0.000

5.6 Small Irrigation

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

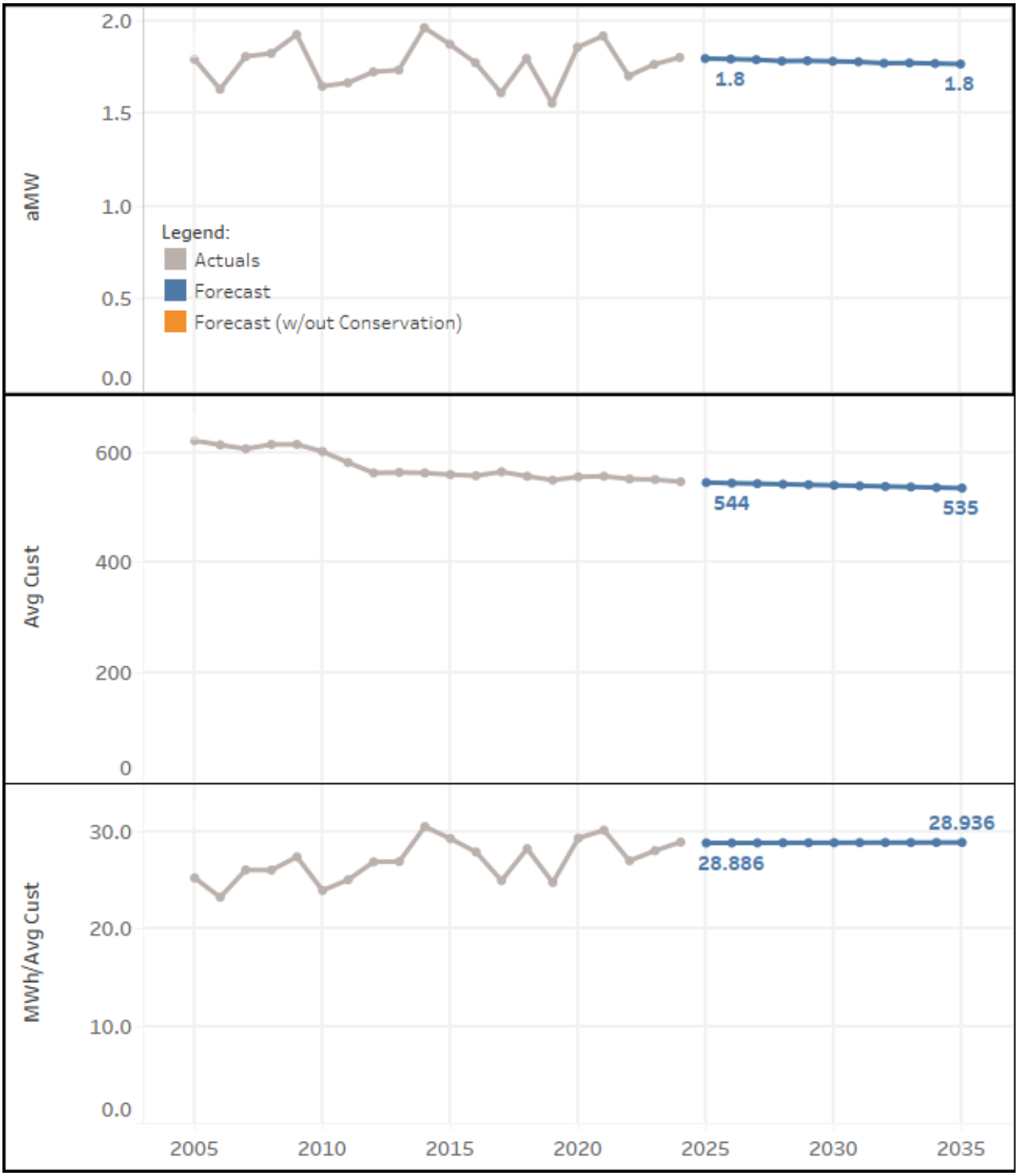

Figure 5-6 – Small Irrigation forecast of retail load, customers and usage per customer

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	-9.0%	14,305	614	23.298	602	-17	-2.7%	
2007	1.8	0.176	10.8%	15,849	607	26.110	609	7	1.2%	
2008	1.8	0.017	0.9%	16,043	615	26.086	615	6	1.0%	
2009	1.9	0.101	5.5%	16,884	615	27.453	610	-5	-0.8%	
2010	1.6	-0.278	-14.4%	14,446	602	23.997	594	-16	-2.6%	
2011	1.7	0.018	1.1%	14,607	582	25.097	573	-21	-3.5%	
2012	1.7	0.059	3.5%	15,165	563	26.936	555	-18	-3.1%	
2013	1.7	0.010	0.6%	15,211	564	26.970	563	8	1.4%	
2014	2.0	0.228	13.1%	17,209	563	30.566	559	-4	-0.7%	
2015	1.9	-0.090	-4.6%	16,425	560	29.330	558	-1	-0.2%	
2016	1.8	-0.099	-5.3%	15,597	558	27.952	556	-2	-0.4%	
2017	1.6	-0.162	-9.1%	14,132	565	25.013	565	9	1.6%	
2018	1.8	0.186	11.5%	15,761	557	28.295	553	-12	-2.1%	
2019	1.6	-0.241	-13.4%	13,647	550	24.812	539	-14	-2.5%	
2020	1.9	0.301	19.3%	16,332	556	29.374	557	18	3.3%	
2021	1.9	0.061	3.3%	16,820	557	30.198	552	-5	-0.9%	
2022	1.7	-0.216	-11.2%	14,931	552	27.049	549	-3	-0.5%	
2023	1.8	0.063	3.7%	15,480	551	28.094	547	-2	-0.4%	
2024	1.8	0.037	2.1%	15,847	547	28.971	546	-1	-0.2%	
2025	1.8	-0.006	-0.3%	15,753	545	28.880	545	-1	-0.2%	0.000
2026	1.8	-0.003	-0.2%	15,727	544	28.886	544	-1	-0.2%	0.000
2027	1.8	-0.003	-0.2%	15,699	543	28.888	543	-1	-0.2%	0.000
2028	1.8	-0.007	-0.4%	15,677	542	28.900	542	-1	-0.2%	0.000
2029	1.8	0.002	0.1%	15,649	541	28.901	541	-1	-0.2%	0.000
2030	1.8	-0.003	-0.2%	15,623	540	28.907	540	-1	-0.2%	0.000
2031	1.8	-0.003	-0.2%	15,599	539	28.916	539	-1	-0.2%	0.000
2032	1.8	-0.008	-0.4%	15,573	538	28.922	538	-1	-0.2%	0.000
2033	1.8	0.002	0.1%	15,545	537	28.922	537	-1	-0.2%	0.000
2034	1.8	-0.003	-0.2%	15,520	536	28.930	536	-1	-0.2%	0.000
2035	1.8	-0.003	-0.2%	15,494	535	28.936	535	-1	-0.2%	0.000

5.7 Large Irrigation

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

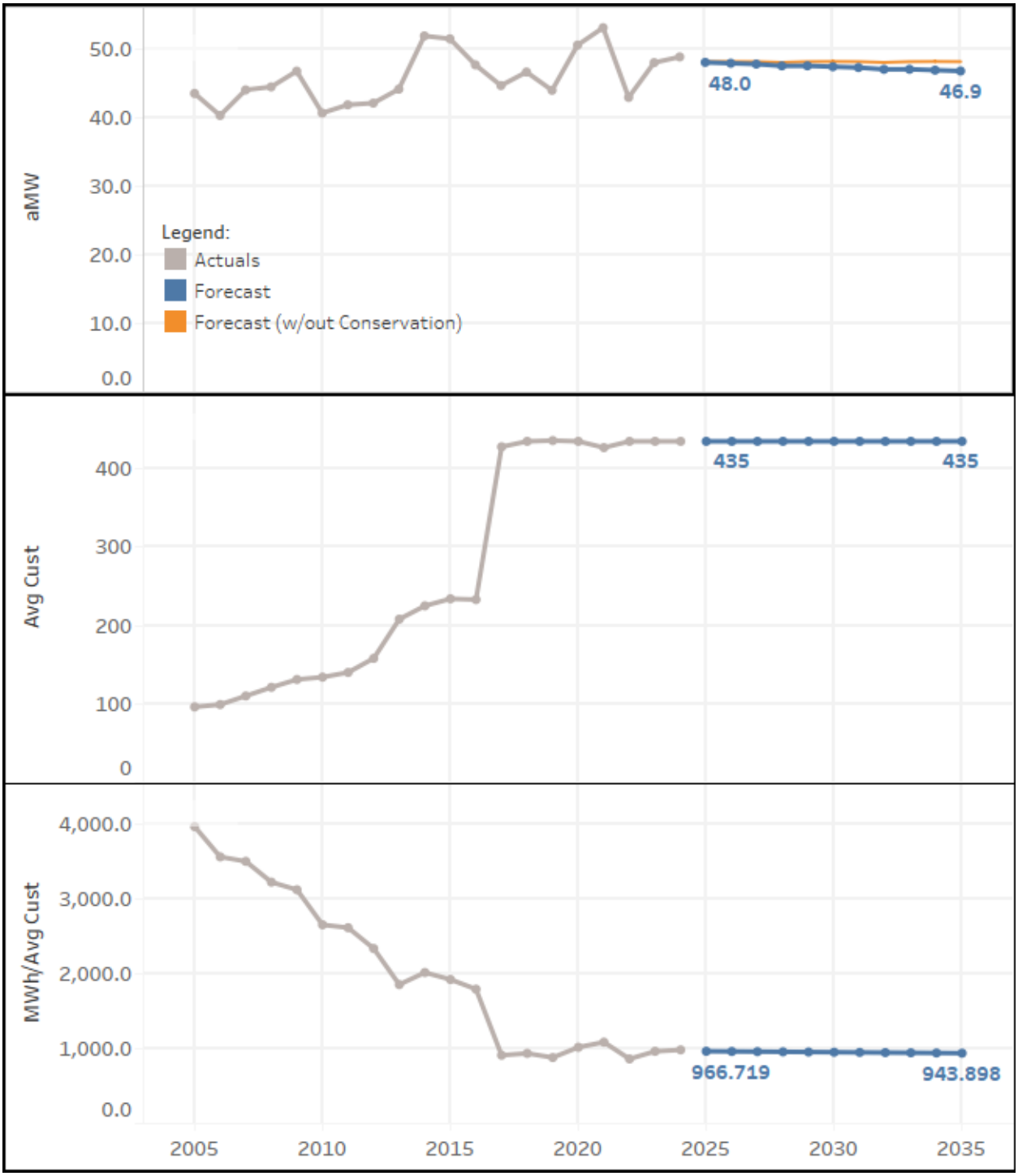

Figure 5-7 – Large Irrigation forecast of retail load, customers and usage per customer

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	-7.4%	353,743	99	3,573.162	101	5	5.2%	
2007	44.1	3.728	9.2%	386,402	110	3,512.746	116	15	14.9%	
2008	44.6	0.447	1.0%	391,389	121	3,234.619	124	8	6.9%	
2009	46.8	2.291	5.1%	410,386	131	3,132.715	133	9	7.3%	
2010	40.7	-6.108	-13.0%	356,875	134	2,663.248	130	-3	-2.3%	
2011	41.9	1.201	2.9%	367,393	140	2,624.234	142	12	9.2%	
2012	42.2	0.248	0.6%	370,573	158	2,345.402	163	21	14.8%	
2013	44.2	2.037	4.8%	387,408	208	1,862.539	218	55	33.7%	
2014	52.0	7.766	17.6%	455,435	225	2,024.154	229	11	5.0%	
2015	51.6	-0.418	-0.8%	451,777	234	1,930.671	232	3	1.3%	
2016	47.8	-3.805	-7.4%	419,588	233	1,800.809	230	-2	-0.9%	
2017	44.7	-3.020	-6.3%	391,987	428	915.857	432	202	87.8%	
2018	46.7	1.973	4.4%	409,269	435	940.848	435	3	0.7%	
2019	44.1	-2.663	-5.7%	385,942	436	885.187	436	1	0.2%	
2020	50.7	6.594	15.0%	444,919	435	1,022.801	435	-1	-0.2%	
2021	53.2	2.538	5.0%	465,935	427	1,091.183	436	1	0.2%	
2022	43.0	-10.168	-19.1%	376,866	435	866.358	434	-2	-0.5%	
2023	48.1	5.075	11.8%	421,320	435	968.551	435	1	0.2%	
2024	48.9	0.834	1.7%	429,800	435	988.046	435	0	0.0%	
2025	48.1	-0.797	-1.6%	421,647	435	969.304	435	0	0.0%	0.101
2026	48.0	-0.128	-0.3%	420,523	435	966.719	435	0	0.0%	0.252
2027	47.9	-0.124	-0.3%	419,436	435	964.221	435	0	0.0%	0.353
2028	47.6	-0.259	-0.5%	418,313	435	961.639	435	0	0.0%	0.505
2029	47.6	0.007	0.0%	417,227	435	959.143	435	0	0.0%	0.606
2030	47.5	-0.129	-0.3%	416,101	435	956.555	435	0	0.0%	0.757
2031	47.4	-0.124	-0.3%	415,016	435	954.060	435	0	0.0%	0.858
2032	47.1	-0.259	-0.5%	413,880	435	951.448	435	0	0.0%	1.009
2033	47.1	0.006	0.0%	412,805	435	948.977	435	0	0.0%	1.110
2034	47.0	-0.128	-0.3%	411,681	435	946.393	435	0	0.0%	1.262
2035	46.9	-0.124	-0.3%	410,596	435	943.898	435	0	0.0%	1.363

5.8 Street Lighting

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

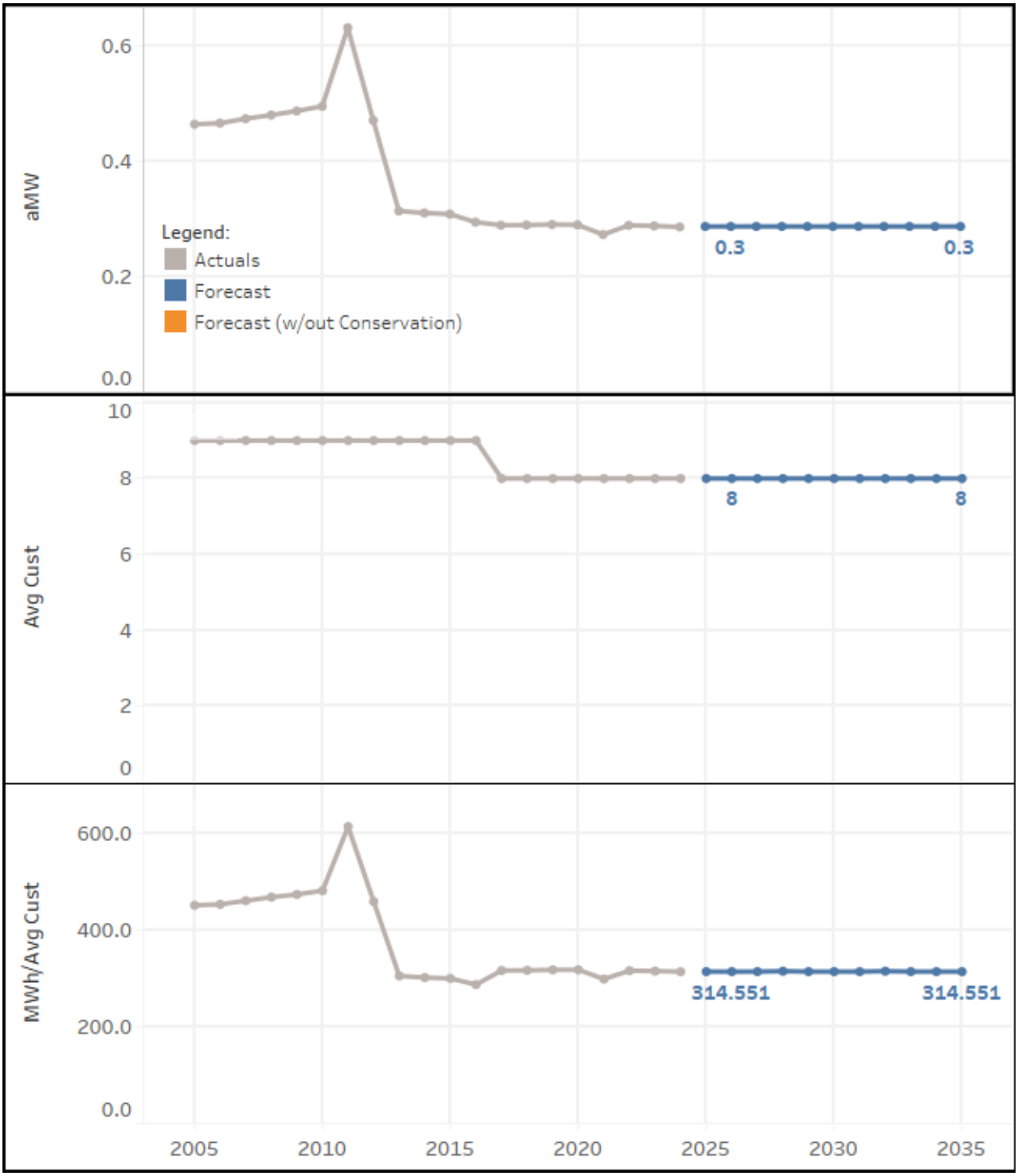

Figure 5-8 – Street Lighting forecast of retail load, customers and usage per customer

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	0.4%	4,084	9	453.740	9	0	0.0%	
2007	0.5	0.008	1.7%	4,151	9	461.266	9	0	0.0%	
2008	0.5	0.006	1.3%	4,218	9	468.669	9	0	0.0%	
2009	0.5	0.007	1.5%	4,268	9	474.203	9	0	0.0%	
2010	0.5	0.008	1.7%	4,339	9	482.159	9	0	0.0%	
2011	0.6	0.136	27.5%	5,532	9	614.671	9	0	0.0%	
2012	0.5	-0.161	-25.4%	4,136	9	459.597	9	0	0.0%	
2013	0.3	-0.157	-33.3%	2,751	9	305.647	9	0	0.0%	
2014	0.3	-0.003	-1.1%	2,721	9	302.278	9	0	0.0%	
2015	0.3	-0.002	-0.6%	2,704	9	300.405	9	0	0.0%	
2016	0.3	-0.014	-4.5%	2,589	9	287.682	9	0	0.0%	
2017	0.3	-0.005	-1.8%	2,535	8	316.902	8	-1	-11.1%	
2018	0.3	0.000	0.1%	2,538	8	317.219	8	0	0.0%	
2019	0.3	0.001	0.3%	2,546	8	318.288	8	0	0.0%	
2020	0.3	-0.001	-0.2%	2,547	8	318.421	8	0	0.0%	
2021	0.3	-0.017	-5.8%	2,393	8	299.130	8	0	0.0%	
2022	0.3	0.016	5.8%	2,532	8	316.554	8	0	0.0%	
2023	0.3	-0.001	-0.3%	2,525	8	315.596	8	0	0.0%	
2024	0.3	-0.002	-0.6%	2,515	8	314.430	8	0	0.0%	
2025	0.3	0.001	0.3%	2,516	8	314.551	8	0	0.0%	0.000
2026	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2027	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2028	0.3	0.000	0.0%	2,524	8	315.487	8	0	0.0%	0.000
2029	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2030	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2031	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2032	0.3	0.000	0.0%	2,524	8	315.487	8	0	0.0%	0.000
2033	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2034	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000
2035	0.3	0.000	0.0%	2,516	8	314.551	8	0	0.0%	0.000

5.9 Security Lighting

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

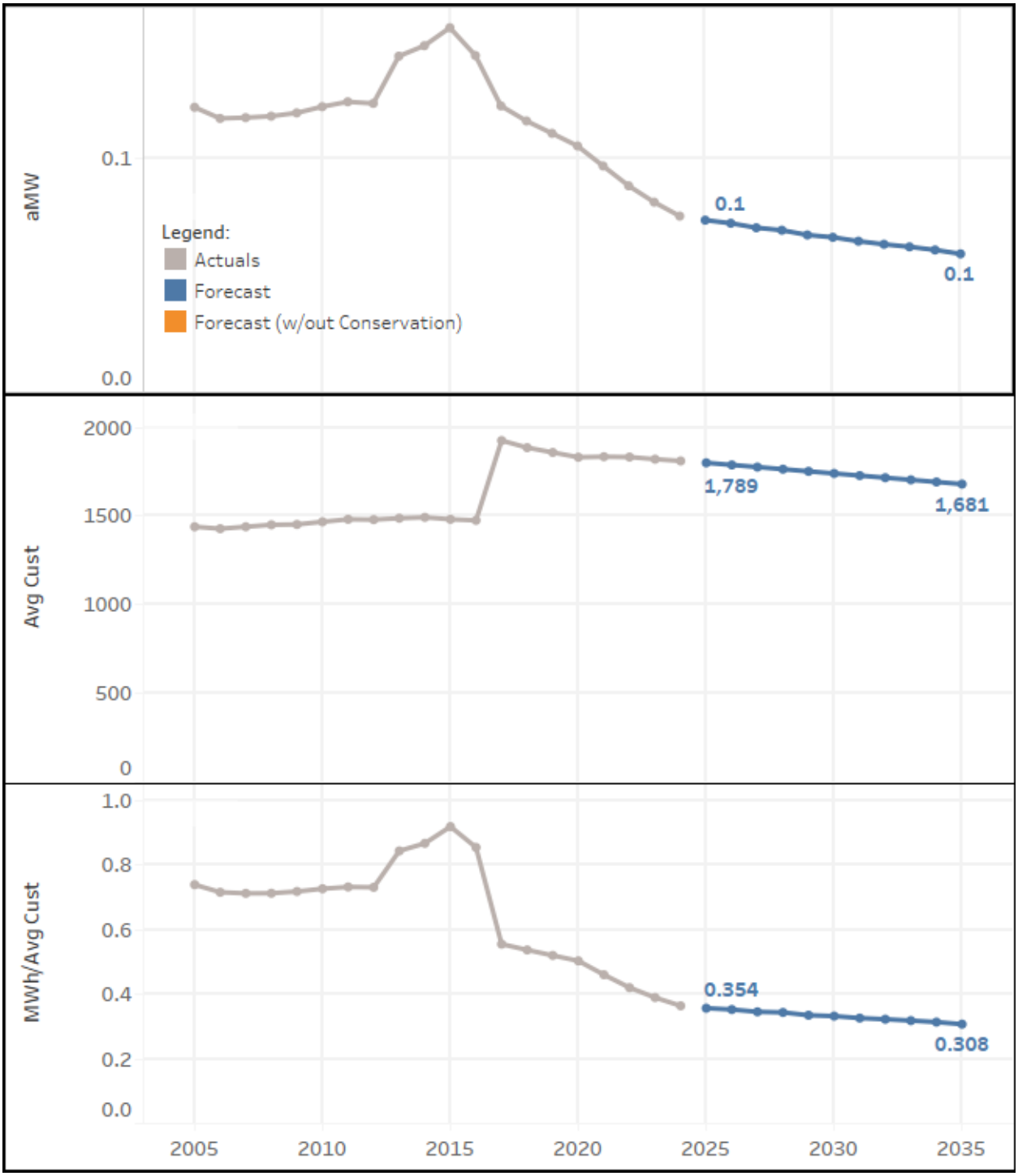

Figure 5-9 – Security Lighting forecast of retail load, customers and usage per customer

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	-3.9%	1,025	1,429	0.717	1,431	-4	-0.3%	
2007	0.1	0.000	0.3%	1,028	1,440	0.714	1,448	17	1.2%	
2008	0.1	0.001	0.5%	1,036	1,451	0.714	1,443	-5	-0.3%	
2009	0.1	0.001	1.2%	1,045	1,453	0.719	1,462	19	1.3%	
2010	0.1	0.003	2.2%	1,068	1,468	0.728	1,478	16	1.1%	
2011	0.1	0.002	1.7%	1,087	1,482	0.733	1,481	3	0.2%	
2012	0.1	-0.001	-0.6%	1,084	1,480	0.732	1,483	2	0.1%	
2013	0.1	0.020	16.3%	1,257	1,488	0.845	1,500	17	1.1%	
2014	0.1	0.004	3.1%	1,297	1,493	0.869	1,489	-11	-0.7%	
2015	0.2	0.008	5.2%	1,364	1,482	0.920	1,478	-11	-0.7%	
2016	0.1	-0.012	-7.6%	1,263	1,476	0.856	1,473	-5	-0.3%	
2017	0.1	-0.022	-15.0%	1,071	1,926	0.556	1,909	436	29.6%	
2018	0.1	-0.006	-5.3%	1,015	1,886	0.538	1,877	-32	-1.7%	
2019	0.1	-0.005	-4.6%	969	1,859	0.521	1,843	-34	-1.8%	
2020	0.1	-0.005	-4.9%	924	1,832	0.504	1,822	-21	-1.1%	
2021	0.1	-0.009	-8.1%	847	1,835	0.461	1,847	25	1.4%	
2022	0.1	-0.008	-8.8%	773	1,833	0.421	1,831	-16	-0.9%	
2023	0.1	-0.007	-7.9%	711	1,821	0.391	1,818	-13	-0.7%	
2024	0.1	-0.006	-7.3%	661	1,811	0.365	1,807	-11	-0.6%	
2025	0.1	-0.002	-2.3%	644	1,801	0.358	1,795	-12	-0.7%	0.000
2026	0.1	-0.001	-1.8%	632	1,789	0.354	1,783	-12	-0.7%	0.000
2027	0.1	-0.002	-2.7%	616	1,777	0.347	1,771	-12	-0.7%	0.000
2028	0.1	-0.001	-1.5%	608	1,765	0.345	1,759	-12	-0.7%	0.000
2029	0.1	-0.002	-2.9%	589	1,753	0.336	1,747	-12	-0.7%	0.000
2030	0.1	-0.001	-1.5%	580	1,741	0.333	1,735	-12	-0.7%	0.000
2031	0.1	-0.002	-2.5%	565	1,729	0.327	1,723	-12	-0.7%	0.000
2032	0.1	-0.001	-2.0%	555	1,717	0.323	1,711	-12	-0.7%	0.000
2033	0.1	-0.001	-1.7%	544	1,705	0.319	1,699	-12	-0.7%	0.000
2034	0.1	-0.001	-2.1%	533	1,693	0.315	1,687	-12	-0.7%	0.000
2035	0.1	-0.002	-2.7%	518	1,681	0.308	1,675	-12	-0.7%	0.000

5.10 Unmetered Flats

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

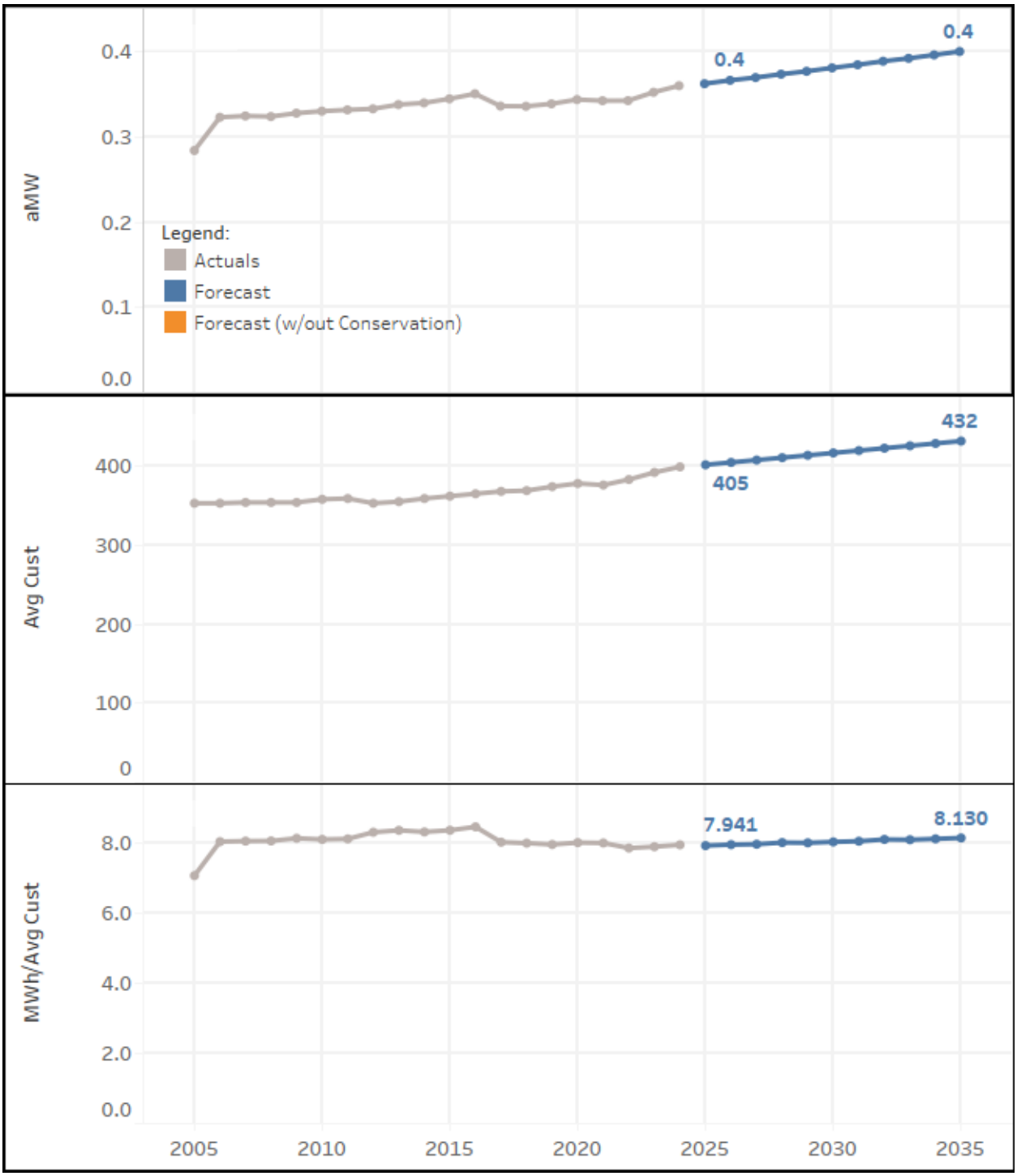

Figure 5-10 – Unmetered Flats forecast of retail load, customers and usage per customer

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	13.7%	2,833	353	8.026	354	2	0.6%	
2007	0.3	0.002	0.5%	2,846	354	8.041	354	0	0.0%	
2008	0.3	-0.001	-0.2%	2,848	354	8.046	354	0	0.0%	
2009	0.3	0.004	1.2%	2,875	354	8.122	355	1	0.3%	
2010	0.3	0.002	0.7%	2,896	358	8.089	362	7	2.0%	
2011	0.3	0.002	0.5%	2,909	359	8.103	351	-11	-3.0%	
2012	0.3	0.001	0.4%	2,928	353	8.294	354	3	0.9%	
2013	0.3	0.005	1.5%	2,964	355	8.348	357	3	0.8%	
2014	0.3	0.002	0.6%	2,981	359	8.302	361	4	1.1%	
2015	0.3	0.005	1.4%	3,023	362	8.350	364	3	0.8%	
2016	0.4	0.006	1.7%	3,083	365	8.447	366	2	0.5%	
2017	0.3	-0.014	-4.1%	2,948	368	8.011	367	1	0.3%	
2018	0.3	0.000	-0.1%	2,946	369	7.984	370	3	0.8%	
2019	0.3	0.003	0.9%	2,971	374	7.944	377	7	1.9%	
2020	0.3	0.005	1.5%	3,023	378	7.998	381	4	1.1%	
2021	0.3	-0.001	-0.4%	3,003	376	7.987	382	1	0.3%	
2022	0.3	0.000	0.0%	3,004	383	7.843	386	4	1.0%	
2023	0.4	0.010	2.9%	3,090	392	7.882	396	10	2.6%	
2024	0.4	0.008	2.2%	3,166	399	7.935	400	4	1.0%	
2025	0.4	0.002	0.6%	3,178	402	7.913	403	3	0.8%	0.000
2026	0.4	0.004	1.1%	3,213	405	7.941	406	3	0.7%	0.000
2027	0.4	0.003	0.9%	3,241	408	7.952	409	3	0.7%	0.000
2028	0.4	0.004	1.1%	3,285	411	7.999	412	3	0.7%	0.000
2029	0.4	0.003	0.9%	3,306	414	7.992	415	3	0.7%	0.000
2030	0.4	0.004	1.1%	3,341	417	8.018	418	3	0.7%	0.000
2031	0.4	0.004	1.0%	3,373	420	8.037	421	3	0.7%	0.000
2032	0.4	0.004	1.1%	3,419	423	8.089	424	3	0.7%	0.000
2033	0.4	0.003	0.9%	3,439	426	8.080	427	3	0.7%	0.000
2034	0.4	0.004	1.0%	3,474	429	8.105	430	3	0.7%	0.000
2035	0.4	0.004	1.0%	3,509	432	8.130	433	3	0.7%	0.000

6. Appendix A – Summary Tables

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

Calendar Year	BPUD Retail Sales (aMW)			+ BPUD T&D[1] Losses (aMW)	(%)	= BPA Wholesale Load (aMW)			BPA Peak Demand (MW)		
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	203.8			7.13	3.38%	210.9			426.0		
2018	198.8			5.82	2.85%	204.7			419.0		
2019	201.7			7.40	3.54%	209.1			407.7		
2020	198.1			7.26	3.53%	205.3			437.0		
2021	206.4			8.29	3.86%	214.7			489.6		
2022	206.3			6.33	2.98%	212.6			444.9		
2023	209.9			5.71	2.65%	215.6			438.4		
2024	205.8			6.46	3.04%	212.2			437.6		
Forecast	**Low**	**Base**	**High**	**aMW**	**%**	**Low**	**Base**	**High**	**Low**	**Base**	**High**
2025	195.5	205.8	216.1	6.44	3.13%	201.6	212.2	222.8	413.9	435.7	457.5
2026	195.8	206.1	216.4	6.45	3.13%	202.0	212.6	223.2	413.0	434.7	456.4
2027	196.2	206.5	216.8	6.46	3.13%	202.3	213.0	223.6	412.2	433.9	455.5
2028	196.5	206.9	217.2	6.48	3.13%	202.7	213.4	224.0	412.3	434.0	455.7
2029	196.9	207.2	217.6	6.49	3.13%	203.0	213.7	224.4	410.3	431.9	453.5
2030	197.2	207.6	218.0	6.50	3.13%	203.4	214.1	224.8	409.4	430.9	452.5
2031	197.6	208.0	218.4	6.51	3.13%	203.8	214.5	225.2	408.6	430.1	451.6
2032	198.0	208.4	218.9	6.52	3.13%	204.2	215.0	225.7	408.9	430.4	452.0
2033	198.4	208.8	219.3	6.54	3.13%	204.6	215.4	226.2	407.0	428.4	449.8
2034	198.8	209.3	219.8	6.55	3.13%	205.0	215.8	226.6	406.0	427.3	448.7
2035	199.3	209.7	220.2	6.57	3.13%	205.5	216.3	227.1	405.0	426.3	447.6

1) BPUD T&D = Benton PUD Transmission & Distribution; Forecast loss factor is equal to the 4-year historical average.

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	86.644	15.780	24.961	21.599	7.660	1.613	44.747	0.289	0.122	0.337	203.752	5.65%
2018	79.661	15.462	25.323	21.595	7.534	1.799	46.720	0.290	0.116	0.336	198.835	-2.41%
2019	85.762	15.915	26.008	20.304	7.342	1.558	44.057	0.291	0.111	0.339	201.687	1.43%
2020	80.207	14.560	23.996	18.836	7.243	1.859	50.651	0.290	0.105	0.344	198.091	-1.78%
2021	81.274	15.461	25.231	21.169	7.430	1.920	53.189	0.273	0.097	0.343	206.386	4.19%
2022	89.170	16.182	26.030	22.046	7.401	1.704	43.021	0.289	0.088	0.343	206.275	-0.05%
2023	87.120	16.172	25.266	23.552	7.221	1.767	48.096	0.288	0.081	0.353	209.916	1.77%
2024	83.384	15.701	24.623	23.272	7.337	1.804	48.930	0.286	0.075	0.360	205.772	-1.97%
2025	84.979	15.795	25.158	21.829	7.358	1.798	48.133	0.287	0.074	0.363	205.774	0.00%
2026	85.802	15.811	24.893	21.753	7.358	1.795	48.005	0.287	0.072	0.367	206.143	0.18%
2027	86.642	15.836	24.638	21.647	7.358	1.792	47.881	0.287	0.070	0.370	206.521	0.18%
2028	87.617	15.866	24.379	21.527	7.358	1.785	47.622	0.287	0.069	0.374	206.885	0.18%
2029	88.354	15.888	24.117	21.373	7.358	1.786	47.629	0.287	0.067	0.377	207.237	0.17%
2030	89.224	15.915	23.852	21.251	7.358	1.783	47.500	0.287	0.066	0.381	207.618	0.18%
2031	90.113	15.951	23.597	21.099	7.358	1.781	47.376	0.287	0.065	0.385	208.012	0.19%
2032	91.142	15.993	23.339	20.978	7.358	1.773	47.117	0.287	0.063	0.389	208.441	0.21%
2033	91.922	16.026	23.077	20.826	7.358	1.774	47.124	0.287	0.062	0.393	208.848	0.20%
2034	92.842	16.064	22.812	20.703	7.358	1.772	46.996	0.287	0.061	0.397	209.291	0.21%
2035	93.782	16.112	22.557	20.552	7.358	1.769	46.872	0.287	0.059	0.401	209.748	0.22%
AARG %[1] 2025-2030	**0.98%**	**0.15%**	**-1.06%**	**-0.54%**	**0.00%**	**-0.17%**	**-0.26%**	**0.00%**	**-2.08%**	**1.00%**	**0.18%**	
AARG %[1] 2025-2035	**0.99%**	**0.20%**	**-1.09%**	**-0.60%**	**0.00%**	**-0.17%**	**-0.27%**	**0.00%**	**-2.16%**	**1.00%**	**0.19%**	

1) AARG % = Annual Average Rate of Growth Percentage

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**	168.5	161.9	191.3	266.4	288.8	262.4	193.4	148.2	147.3	167.8	203.8
2018	194.7	178.4	163.3	170.5	210.0	260.8	285.2	263.1	191.2	146.1	148.9	171.2	198.8
2019	178.0	216.0	**192.4**	168.7	193.8	271.3	259.8	257.1	195.8	151.1	160.3	176.9	201.7
2020	179.0	181.0	163.9	194.4	188.2	242.9	274.7	277.5	202.0	152.4	149.4	170.5	198.1
2021	179.5	195.7	169.2	**197.3**	**227.2**	283.7	**313.9**	260.5	195.1	153.7	145.7	**154.0**	206.4
2022	214.6	202.6	164.1	164.9	**166.0**	206.6	275.7	**298.3**	**231.6**	161.2	**178.9**	**209.1**	206.3
2023	213.3	206.5	172.4	171.9	218.9	287.4	309.9	261.3	192.1	147.2	158.0	178.8	**209.9**
2024	209.2	204.8	163.4	174.9	197.7	261.2	292.3	276.1	203.4	160.9	148.8	175.5	205.8
20-Year Min.	**167.3**	**157.1**	**145.0**	**151.7**	**166.0**	**204.6**	**245.0**	**233.4**	**167.1**	**124.0**	**127.3**	**154.0**	**177.6**
20-Year Avg.	191.6	188.4	159.5	174.1	195.8	246.6	272.4	256.4	192.3	145.8	144.9	173.4	195.2
20-Year Max	**228.0**	**221.2**	**192.4**	**197.3**	**227.2**	**288.8**	**313.9**	**298.3**	**231.6**	**161.9**	**178.9**	**209.1**	**209.9**
2025	199.7	208.4	163.1	175.7	201.2	258.3	297.0	273.0	204.3	154.3	156.2	177.4	205.8
2026	200.6	209.4	163.5	175.8	201.2	258.4	297.3	273.5	204.6	154.3	156.5	178.1	206.1
2027	201.5	210.4	163.9	176.1	201.2	258.4	297.5	274.0	204.8	154.3	156.8	178.8	206.5
2028	202.4	211.4	164.3	176.2	201.1	258.4	297.7	274.4	205.1	154.4	157.1	179.3	206.9
2029	203.3	212.4	164.7	176.4	201.0	258.4	298.0	274.9	205.3	154.4	157.5	180.1	207.2
2030	204.3	213.4	165.1	176.5	201.0	258.5	298.3	275.4	205.6	154.4	157.8	180.7	207.6
2031	205.2	214.4	165.5	176.7	200.9	258.5	298.6	275.9	205.9	154.5	158.2	181.5	208.0
2032	206.2	215.5	165.9	176.9	200.9	258.6	298.9	276.4	206.3	154.6	158.5	182.1	208.4
2033	207.2	216.5	166.4	177.1	200.8	258.7	299.2	276.9	206.6	154.6	158.9	182.9	208.8
2034	208.3	217.7	166.8	177.3	200.8	258.8	299.5	277.5	206.9	154.7	159.2	183.6	209.3
2035	209.2	218.8	167.3	177.5	200.7	258.9	299.9	278.1	207.3	154.8	159.7	184.4	209.7

Table 6-4 – 2026 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	2026
RES	127.4	131.6	87.8	71.6	58.5	65.6	82.5	89.6	74.4	55.1	80.3	108.2	85.8
SGS	17.7	19.0	14.1	13.8	13.3	15.3	17.3	18.9	17.0	13.2	14.4	15.9	15.8
MGS	25.9	27.5	22.0	22.1	21.8	24.3	25.6	27.4	27.0	25.2	25.5	24.7	24.9
LGS	17.8	19.7	16.7	17.3	16.4	17.6	18.3	20.9	20.9	21.2	20.3	18.0	18.8
LGS-EIL	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
LIND	7.7	7.4	7.5	7.5	7.6	7.6	7.5	7.2	6.7	6.6	7.9	7.2	7.4
SIRR	0.1	0.1	0.2	1.3	2.7	3.7	4.4	4.1	2.9	1.5	0.3	0.1	1.8
LIRR	0.2	0.3	11.5	38.5	77.2	120.5	138.1	101.7	51.9	27.7	4.2	0.2	48.0
SECL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
STRL	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
UNM	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
TOTAL	200.6	209.4	163.5	175.8	201.2	258.4	297.3	273.5	204.6	154.3	156.5	178.1	206.1

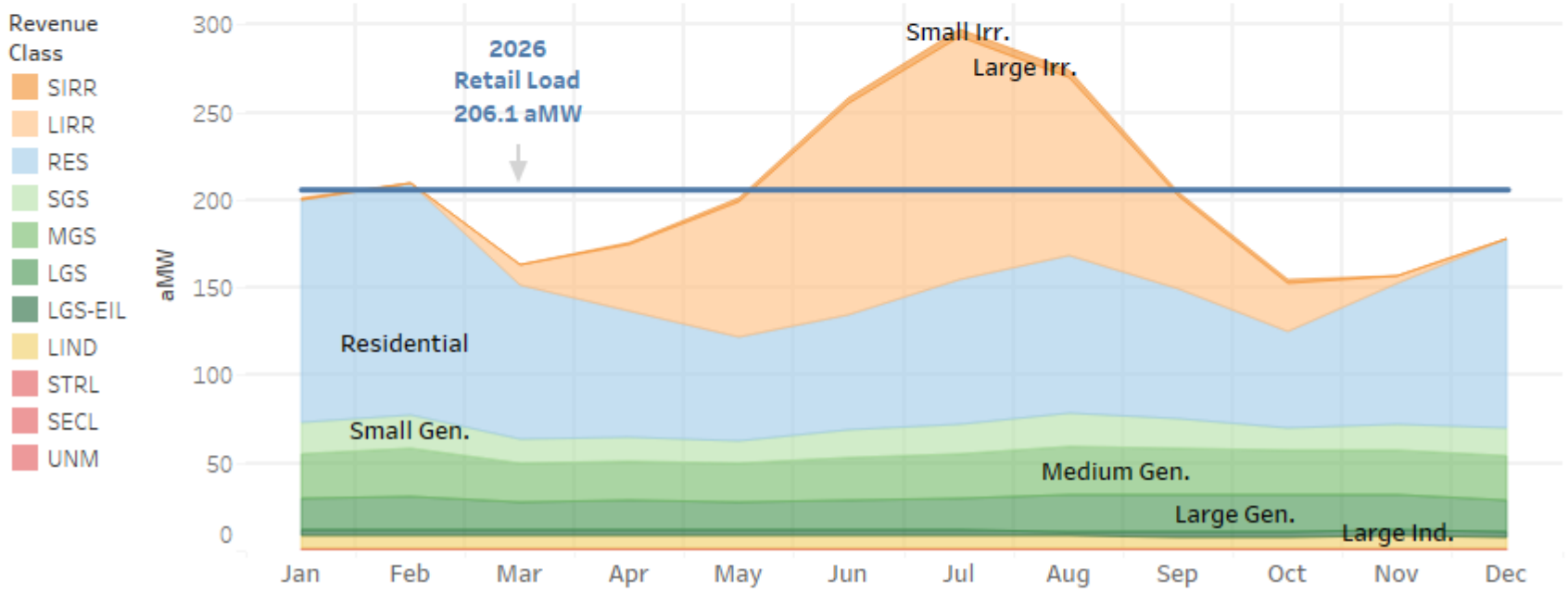

Table 6-5 – Historical and forecast of annual average number of customers by customer class

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	43,895	5,108	725	102	5	565	428	8	1,926	368	53,130	2.88%
2018	44,578	5,166	724	90	5	557	435	8	1,886	369	53,818	1.29%
2019	45,348	5,248	726	90	5	550	436	8	1,859	374	54,644	1.53%
2020	46,053	5,319	722	90	5	556	435	8	1,832	378	55,398	1.38%
2021	46,763	5,364	721	93	5	557	427	8	1,835	376	56,149	1.36%
2022	47,320	5,421	706	90	5	552	435	8	1,833	383	56,753	1.08%
2023	47,866	5,493	697	89	5	551	435	8	1,821	392	57,357	1.06%
2024	48,332	5,578	704	91	5	547	435	8	1,811	399	57,910	0.96%
2025	48,882	5,647	713	91	5	545	435	8	1,801	402	58,528	1.07%
2026	49,446	5,719	714	92	5	544	435	8	1,789	405	59,155	1.07%
2027	50,010	5,791	715	92	5	543	435	8	1,777	408	59,783	1.06%
2028	50,574	5,863	716	93	5	542	435	8	1,765	411	60,410	1.05%
2029	51,138	5,935	717	93	5	541	435	8	1,753	414	61,038	1.04%
2030	51,702	6,007	718	94	5	540	435	8	1,741	417	61,665	1.03%
2031	52,266	6,079	719	94	5	539	435	8	1,729	420	62,293	1.02%
2032	52,830	6,151	720	95	5	538	435	8	1,717	423	62,920	1.01%
2033	53,394	6,223	721	95	5	537	435	8	1,705	426	63,548	1.00%
2034	53,958	6,295	722	96	5	536	435	8	1,693	429	64,175	0.99%
2035	54,522	6,367	723	96	5	535	435	8	1,681	432	64,803	0.98%
AARG %[1] 2025-2030	**1.13%**	**1.24%**	**0.14%**	**0.58%**	**0.00%**	**-0.18%**	**0.00%**	**0.00%**	**-0.68%**	**0.74%**	**1.05%**	
AARG %[1] 2025-2035	**1.10%**	**1.21%**	**0.14%**	**0.54%**	**0.00%**	**-0.18%**	**0.00%**	**0.00%**	**-0.69%**	**0.72%**	**1.02%**	

1) AARG % = Annual Average Rate of Growth Percentage

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	17,291	27,062	301,599	1,854,942	13,420,262	25,013	915,857	316,902	556	8,011	33,594	2.41%
2018	15,654	26,218	306,399	2,101,892	13,199,344	28,295	940,848	317,219	538	7,984	32,365	-3.66%
2019	16,567	26,565	313,810	1,976,269	12,863,616	24,812	885,187	318,288	521	7,944	32,332	-0.10%
2020	15,298	24,044	291,939	1,838,394	12,725,056	29,374	1,022,801	318,421	504	7,998	31,410	-2.85%
2021	15,225	25,249	306,552	1,993,963	13,016,760	30,198	1,091,183	299,130	461	7,987	32,199	2.51%
2022	16,507	26,148	322,983	2,145,846	12,967,032	27,049	866,358	316,554	421	7,843	31,839	-1.12%
2023	15,944	25,790	317,552	2,318,185	12,650,440	28,094	968,551	315,596	391	7,882	32,060	0.69%
2024	15,154	24,726	307,227	2,246,364	12,888,960	28,971	988,046	314,430	365	7,935	31,212	-2.64%
2025	15,229	24,502	309,296	2,101,341	12,890,801	28,880	969,304	314,551	358	7,913	30,799	-1.32%
2026	15,201	24,218	305,602	2,078,830	12,890,801	28,886	966,719	314,551	354	7,941	30,527	-0.88%
2027	15,177	23,955	302,048	2,061,162	12,890,801	28,888	964,221	314,551	347	7,952	30,262	-0.87%
2028	15,218	23,771	299,283	2,040,544	12,926,269	28,900	961,639	315,487	345	7,999	30,082	-0.59%
2029	15,135	23,451	294,842	2,013,206	12,890,801	28,901	959,143	314,551	336	7,992	29,742	-1.13%
2030	15,118	23,208	291,191	1,987,457	12,890,801	28,907	956,555	314,551	333	8,018	29,494	-0.84%
2031	15,103	22,986	287,679	1,966,271	12,890,801	28,916	954,060	314,551	327	8,037	29,252	-0.82%
2032	15,154	22,839	284,919	1,946,542	12,926,269	28,922	951,448	315,487	323	8,089	29,099	-0.52%
2033	15,081	22,559	280,559	1,920,331	12,890,801	28,922	948,977	314,551	319	8,080	28,790	-1.06%
2034	15,073	22,354	276,952	1,895,760	12,890,801	28,930	946,393	314,551	315	8,105	28,568	-0.77%
2035	15,068	22,168	273,482	1,875,340	12,890,801	28,936	943,898	314,551	308	8,130	28,354	-0.75%
AARG %[1] 2025-2030	**-0.15%**	**-1.08%**	**-1.20%**	**-1.11%**	**0.00%**	**0.02%**	**-0.26%**	**0.00%**	**-1.41%**	**0.27%**	**-0.86%**	
AARG %[1] 2025-2035	**-0.11%**	**-1.00%**	**-1.22%**	**-1.13%**	**0.00%**	**0.02%**	**-0.27%**	**0.00%**	**-1.48%**	**0.27%**	**-0.82%**	

1) AARG % = Annual Average Rate of Growth Percentage

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	44,244	5,175	716	89	5	565	432	8	1,909	367	53,510	2.71%
2018	44,967	5,170	728	91	5	553	435	8	1,877	370	54,204	1.30%
2019	45,717	5,282	721	88	5	539	436	8	1,843	377	55,016	1.50%
2020	46,420	5,354	727	93	5	557	435	8	1,822	381	55,802	1.43%
2021	47,033	5,388	713	90	5	552	436	8	1,847	382	56,454	1.17%
2022	47,573	5,430	702	89	5	549	434	8	1,831	386	57,007	0.98%
2023	48,133	5,541	701	90	5	547	435	8	1,818	396	57,674	1.17%
2024	48,576	5,608	712	91	5	546	435	8	1,807	400	58,188	0.89%
2025	49,140	5,680	713	91	5	545	435	8	1,795	403	58,815	1.08%
2026	49,704	5,752	714	92	5	544	435	8	1,783	406	59,443	1.07%
2027	50,268	5,824	715	92	5	543	435	8	1,771	409	60,070	1.05%
2028	50,832	5,896	716	93	5	542	435	8	1,759	412	60,698	1.05%
2029	51,396	5,968	717	93	5	541	435	8	1,747	415	61,325	1.03%
2030	51,960	6,040	718	94	5	540	435	8	1,735	418	61,953	1.02%
2031	52,524	6,112	719	94	5	539	435	8	1,723	421	62,580	1.01%
2032	53,088	6,184	720	95	5	538	435	8	1,711	424	63,208	1.00%
2033	53,652	6,256	721	95	5	537	435	8	1,699	427	63,835	0.99%
2034	54,216	6,328	722	96	5	536	435	8	1,687	430	64,463	0.98%
2035	54,780	6,400	723	96	5	535	435	8	1,675	433	65,090	0.97%
AARG %[1] 2025-2030	**1.12%**	**-1.52%**	**0.01%**	**0.03%**	**0.00%**	**-0.01%**	**0.00%**	**0.00%**	**-0.03%**	**0.03%**	**0.04%**	
AARG %[1] 2025-2035	**1.09%**	**12.68%**	**0.01%**	**0.04%**	**0.00%**	**-0.01%**	**0.00%**	**0.00%**	**-0.05%**	**0.05%**	**0.08%**	

1) AARG % = Annual Average Rate of Growth Percentage

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	670	226	(59)	(71)	0	9	202	(1)	436	1	1,413	51.77%
2018	723	(5)	12	2	0	(12)	3	0	(32)	3	694	-50.88%
2019	750	112	(7)	(3)	0	(14)	1	0	(34)	7	812	17.00%
2020	703	72	6	5	0	18	(1)	0	(21)	4	786	-3.20%
2021	613	34	(14)	(3)	0	(5)	1	0	25	1	652	-17.05%
2022	540	42	(11)	(1)	0	(3)	(2)	0	(16)	4	553	-15.18%
2023	560	111	(1)	1	0	(2)	1	0	(13)	10	667	20.61%
2024	443	67	11	1	0	(1)	0	0	(11)	4	514	-22.94%
2025	564	72	1	0	0	(1)	0	0	(12)	3	627	21.98%
2026	564	72	1	1	0	(1)	0	0	(12)	3	628	0.16%
2027	564	72	1	0	0	(1)	0	0	(12)	3	627	-0.16%
2028	564	72	1	1	0	(1)	0	0	(12)	3	628	0.16%
2029	564	72	1	0	0	(1)	0	0	(12)	3	627	-0.16%
2030	564	72	1	1	0	(1)	0	0	(12)	3	628	0.16%
2031	564	72	1	0	0	(1)	0	0	(12)	3	627	-0.16%
2032	564	72	1	1	0	(1)	0	0	(12)	3	628	0.16%
2033	564	72	1	0	0	(1)	0	0	(12)	3	627	-0.16%
2034	564	72	1	1	0	(1)	0	0	(12)	3	628	0.16%
2035	564	72	1	0	0	(1)	0	0	(12)	3	627	-0.16%

COMMISSION AGENDA ACTION FORM

Meeting Date:	May 13, 2025	
Subject:	Line Extension and Facilities Construction Policy Review	
Authored by:	Jon Meyer	Staff Preparing Item
Presenter:	Jon Meyer	Staff Presenting Item (if applicable or N/A)
Approved by:	Jon Meyer	Dept. Director/Manager
Approved for Commission:	Rick Dunn	General Manager/Asst GM

Type of Agenda Item:	**Type of Action Needed:** *(Multiple boxes can be checked, if necessary)*	
☐ Consent Agenda	☐ Pass Motion	☐ Decision / Direction
☒ Business Agenda	☐ Pass Resolution	☒ Info Only
☐ Public Hearing	☐ Contract/Change Order	☐ Info Only/Possible Action
☐ Other Business	☐ Sign Letter / Document	☒ Presentation Included

Motion for Commission Consideration:

None

Background/Summary

The District's Line Extension and Facilities Construction Policy (LEFCP) defines how costs are recovered for new or upgraded facilities. For Large Agricultural Irrigation customers, the policy specifies that when capacity requirements require new or upgraded transmission and substation facilities (T&S Facilities), if those T&S Facilities are for the exclusive benefit of one customer, the customer shall be responsible for 100% of the initial cost of T&S Facilities through a contribution-in-aid-to-construction (CIAC), typically paid up-front. The policy also allows for payment of CIAC for large general service, large agricultural irrigation or industrial customers with loads requiring electrical capacity greater than 2,500 kVA using a "special contract". There is no further definition in the policy as to what a special contract is.

One of the District's largest agricultural irrigation customers is planning to add load in a future expansion of their operations. The addition of this load, when combined with a much larger existing load will exceed existing capacity requirements and will require a new transmission line and substation. The addition of these T&S facilities is for the exclusive benefit of this customer. In lieu of an up-front CIAC, the customer is inquiring about the possibility of a contract to allow for payment over time.

Staff provided a presentation at the April 22, 2025 Commission meeting that focused on possible terms and conditions for "special contracts" as well as limitations on the amount of CIAC eligible for District funded financing arrangements on an individual or collective basis; taking into consideration financial policy metrics, cost-of-service analysis, revenue requirements, precedence, and compliance with state laws relative to non-discriminatory charges for electricity and related services.

Staff has taken the Commission's input, reviewed additional details, and will further discuss potential edits to the LEFCP that will be reviewed as part of this agenda item. A "redline" version of the policy containing those edits is attached for reference.

Recommendation

Staff is recommending the Commission consider the proposed edits to the LEFCP and provide input and direction to staff to bring back a final version to approve at the May 27, 2025 Commission meeting.

Fiscal Impact

None

LINE EXTENSION AND
FACILITIES CONSTRUCTION POLICY

This policy applies to serving the load of the District's current and future customers and does not apply to generation interconnection requests.

1. **NEW CONSTRUCTION:** The District will extend its distribution lines to customers who are without service whenever feasible. The determination of "feasibility" will be solely at the District's discretion.

The District will consider its costs, the availability of necessary easements, service area agreements, necessity, and the customer's willingness to guarantee payment to the District of its direct costs to build a line extension when making such determination. The decision to build a line extension overhead or underground is at the discretion of the District and must conform to standard construction practices. The customer's request will be honored whenever practical; however, the request is subject to laws, ordinances, franchises, and both physical and geological considerations.

The District will furnish the facilities when upgrading, constructing, or extending facilities required for providing service to a customer. Recovery of the cost for facilities is achieved partially through up-front payments from customers, referred to as contribution-in-aid-to-construction (CIAC), with the balance collected through rate-based revenues or special contract. ~~Contracts are usually limited to large general service, large agricultural irrigation or industrial customers with loads requiring electrical capacity greater than 2,500 kVA.~~

To establish the customer's CIAC, District staff will develop an estimate of the construction cost less any deductions approved by the District's Commission as a line extension credit (LEC) or shared development cost (SDC) allocations. Construction cost estimates include material, equipment, engineering, labor, travel time, permits, easements, administration overheads, fringe benefits, service transformers and metering equipment. The District requires CIAC from the customer for all on-site primary distribution facilities installed for the exclusive benefit of the customer along with any share of the costs for off-site facilities determined by the District to be assignable to the customer. On-site refers to a parcel, sub-division, farm or complex. The costs of Core Electric System (CES) facilities including transmission stations and lines, substations, feeders, sub-feeders, circuit breakers, switches, capacitors , voltage regulators and SCADA (remote control and monitoring) equipment are typically not directly attributable to a single development or customer unless: (1) the customer is served under the large agricultural irrigation rate class; (2) the customer meets the District's criteria for classification as an Electricity Intensive Load (EIL); (3) the customer electrical capacity requirement is greater than 2,500 kVA; and/or (4) the customer requires dedicated, multiple, and/or diverse substations or distribution feeders.

See paragraphs below for special conditions pertaining to; New Large Service, EIL Service and Large Agricultural Irrigation. Costs not recovered through CIAC for CES facilities are included in the District's overall electric rates or at the District's discretion may be recovered through a special contract. Lines along public rights-of-way that conform to the District's long-term planning may be considered as CES sub-feeders and excluded from the CIAC.

The District reserves the right to require a deposit when a request for electrical capacity is associated with speculative development, EIL development and/or development that requires non-routine analysis and design. The deposit may include estimated costs for District staff and/or consulting engineering labor required to perform transmission and/or distribution system analysis, facilities design, and cost estimating. The District will provide estimated labor costs along with a written scope of work and schedule to customers from whom a deposit is requested and will open a work order to document actual expenses incurred. Additional contributions to the deposit amount may be required in the event actual expenses exceed initial estimates. At the District's discretion up to 100% of the deposit amount may be applied toward the customer's CIAC if the request for capacity results in actual interconnection of the customer's electrical load. Customers who pay a deposit but do not interconnect their proposed electrical load will receive a refund of the deposit balance less any incurred District and/or consulting engineering costs.

Line Extension Credit

The Line Extension Credit (LEC) is determined using a methodology based on revenue and cost information from the District's cost-of-service analysis (COSA). The COSA is the basis for the District's electric rates and is updated periodically as needed. Rather than a specific dollar amount, the LEC is in the form of equipment and materials along with associated labor and crew travel time that is furnished by the District at no up-front cost to the customer.

The current LEC for *Residential* construction is defined as the District providing all necessary secondary service equipment, except self-contained meter base, current transformer cabinet and interior and underground service conduit with trench in order to furnish a new residential electrical service. The District will install facilities at no cost to a new single-phase, 200-amp thru 600-amp residential customer.

A. Service Transformer
B.Service Conductors
C. Pre-wired CT meter base
D. Any required clearance pole for overhead services
E. Revenue meter

Note: There is no LEC allowance for unmetered electric service.

The current LEC for other than Residential construction is defined as the District installing the following facilities and any associated crew travel time at no cost to a new customer:

A. Service transformer (see note below)
B. Pre-wired CT meter base

C. Revenue meter

A Line Extension Credit will be provided to a housing authority (as defined by RCW 35.82.020) for a housing project located within the District's service area pursuant to RCW 35.83, provided the costs to the District shall not exceed $10,000 per calendar year for each housing authority.

Note: The service transformer LEC is limited to one unit meeting the requirements of Section 5 below (DELIVERY PHASE AND VOLTAGE) and rated no more than 2,500 kVA per delivery point. Customer requests for multiple delivery points to a common electrical service location required to meet high reliability or operational flexibility requirements or requests for transformers rated greater than 2,500 kVA will be evaluated on a case-by-case basis to determine the applicable LEC amount.

Shared Development Cost

A customer's contribution-in-aid-to-construction (CIAC) payment for a new primary distribution line needed for meeting a request for electric service may be reduced by equally sharing the total estimated cost of construction for the mutually beneficial portion of the line between the property for which service is being requested and adjacent or nearby properties that will likely receive service from the new line in the future and which are not owned by the customer requesting electric service. Shared development cost (SDC) allocations will be determined by dividing the estimated total cost of construction of the mutually beneficial portion of the new primary distribution line by the number of properties the District determines will benefit from this portion of the line in the near and long terms. Reduction of a customer's CIAC payment by the application of SDC allocations is at the District's discretion and normally will only apply to customers requesting electric service to individual primary residences or businesses on a single lot. SDC allocations do not apply to developers of housing subdivisions or commercial lands or properties.

SDC allocation amounts will be recorded as an attribute in the District's geographical information system (GIS) for use in determining the estimated total cost to establish electric service on the property for which an SDC allocation has occurred. In the event the District's distribution lines and related facilities have changed since the original SDC allocation was made and service to a property would be better accomplished by connecting to an alternative primary line, the SDC allocation amount may be waived by the District.

~~**Fee Collection**~~

~~Fees collected will be the estimated actual development costs. The fees are in effect for 3 months from the date of the estimate. If the fees have not been paid within 3 months, they will be re-calculated. If the fees are paid within 3 months, the electric facilities must be installed within one year from the original date of the estimate. Additionally, if fees remain unpaid and work has not been completed within the one-year requirement, the job will be re-calculated or voided. If fees are paid and work has not been completed within the one-year, you may be subject to~~

~~recalculation. Once the one-year requirement has been exceeded the customer must re-submit plans for District review.~~

~~At Benton PUD's discretion, the CIAC may be collected by payment in cash, special power sales contract, or by a Line Extension Contract.~~

New Large Service and/or Electrical Capacity Greater than 2,500 kVA not including Large Agricultural Irrigation

When the customer's electrical capacity requirement is greater than 2,500 kVA and it has been determined by the District that new or upgraded CES facilities are needed to meet the service request, the customer will be required to pay CIAC to cover a share of the cost of the required CES facilities. The basis for determining the capacity requirements of CES facility additions will be District determined system planning criteria and equipment loading margins which are included in the most recent Plan of Service Study adopted by Commission resolution along with the most current applicable Transmission System Study.

The CIAC amount will generally be determined as the ratio of the customer's capacity requirement to the installed CES capacity multiplied by the total cost of the CES facilities. When the CES facilities are determined by the District to be for the exclusive benefit of the customer, the customer shall be responsible for 100% of the initial CES facilities costs regardless of the pro rata capacity calculation. When incremental capacity exists due to differences between CES industry standard facility ratings and the customer's capacity request and this incremental capacity is later made available to an additional District customer, a proportionate amount of the 100% CIAC paid by the original customer may be refunded at the District's discretion. When customer requests for capacity result in replacements or upgrades to existing CES facilities, the District will apply salvage credits to the CIAC calculation where CES facilities have not reached the end of their useful life.

The costs for replacement of CES facilities due to failure or when facilities have reached the end of their useful life will be covered by the District. In addition, the initial and replacement costs associated with supervisory control and data acquisition (SCADA) system equipment will normally be covered by the District.

Electricity Intensive Load (EIL) Service

Requests for electrical capacity by customers who have been determined by the District to meet the criteria for an Electricity Intensive Load (EIL), regardless of load size, may be required to pay a CIAC up to 100% of the cost of new or upgraded CES facilities which the District determines are needed to meet the service request.

The general basis for determining capacity requirements of CES facility additions needed to accommodate EIL interconnection will be District determined system planning criteria and equipment loading margins which are included in the most recent Plan of Service Study adopted

by Commission resolution along with the most current applicable Transmission System Study. The District will apply additional planning criteria for EIL customer interconnections in order to minimize the risk of stranded distribution facility investments and associated cost shifts to non-EIL customers. These additional planning criteria may result in CIAC amounts that vary significantly with the geographical location of the proposed EIL customer location.

Additional criteria will include a determination of the probability of future other development in areas associated with distribution facilities being assessed for EIL customer interconnection along with maintaining additional planning margins for normal and contingency loading of distribution facilities above what is standard. The District reserves the right to set maximum EIL customer penetration levels for specific distribution facilities based on District determined capacity reserves allocated for non EIL customer development.

In locations where EIL customer initiated CES additions or upgrades have been determined by the District to benefit other existing or future customers, the CIAC amount paid by an EIL customer will generally be determined as the ratio of the EIL customer's capacity requirement to the installed CES capacity multiplied by the total cost of the CES facilities. When the CES facilities required to meet an EIL customer interconnection are determined by the District to represent little or no benefit to other customers and a risk of stranded distribution facility assets, the EIL customer shall be responsible for 100% of the CES facilities costs regardless of the pro rata capacity calculation. When incremental capacity exists due to differences between CES industry standard facility ratings and the customer's capacity request and this incremental capacity is later made available to an additional District customer, a proportionate amount of the 100% CIAC paid by the original customer may be refunded at the District's discretion. When customer requests for capacity result in replacements or upgrades to existing CES facilities, the District will apply salvage credits to the CIAC calculation where CES facilities have not reached the end of their useful life.

Large Agricultural Irrigation

Large agricultural irrigation (LAI) customers for whom the District owns and operates electrical facilities (Distribution Facilities) generally dedicated for the exclusive benefit of customer are responsible for 100% of the initial and upgrade costs of feeders, sub-feeders, circuit breakers, switches, capacitor and voltage regulators required to meet the LAI customer' electrical capacity requirements. The basis for determining the need for new or upgraded Distribution Facilities shall be District determined system planning criteria and equipment loading margins (Criteria) which are included in the most recent LAI Plan of Service study completed for each customer. The Criteria will be approved by the District's Direct of Engineering and will generally follow requirements established in the District's Plan of Service Study adopted by Commission resolution.

When the customer's electrical capacity requirements have been determined by the District to require new or upgraded transmission and/or substation (T&S Facilities), the customer will be required to pay CIAC to cover a share of the cost of the required T&S Facilities. The basis for

determining the capacity requirements of T&S Facility additions will be District determined system planning criteria and equipment loading margins which are included in the most recent Plan of Service Study adopted by Commission resolution along with the most current applicable Transmission System Study. Step-up transformers, circuit breakers and voltage regulation equipment installed at the source terminal of the main distribution feeder are substation equipment regardless of the installed location.

The CIAC amount for T&S Facilities will generally be determined as the ratio of the customer's capacity requirement to the installed T&S Facilities capacity multiplied by the total cost of the T&S Facilities. When the required T&S Facilities are determined by the District to benefit more than one customer, each customer's CIAC will generally be determined through a pro rata calculation using the customer's capacity requirement as the numerator and the installed T&S Facilities capacity as the denominator. When the T&S facilities are determined by the District to be for the exclusive benefit of the customer, the customer shall be responsible for 100% of the initial T&S Facilities costs regardless of the pro rata capacity calculation. When incremental capacity exists due to differences between T&S Facilities industry standard capacity ratings and the customer's capacity request and this incremental capacity is later made available to an additional District customer, a proportionate amount of the 100% CIAC paid by the original customer may be refunded at the District's discretion. When requests for capacity result in the need to upgrade existing T&S Facilities, the District will apply salvage credits to CIAC calculations when T&S Facilities have not reached the end of their useful life.

The costs of replacement of T&S and Distribution Facilities due to failure or when Facilities have reached the end of their useful life will be covered by the District. In addition, the initial and replacement costs associated with supervisory control and data acquisition (SCADA) system equipment will normally be covered by the District.

If customer funding of District recommended T&S or Distribution Facilities additions or upgrades is not secured in advance of construction or through an approved contract, the District may require the customer to sign an indemnification agreement releasing the District from liability for damages resulting from failure to install recommended additions and/or upgrades.

Fee Collection

Fees collected will be the estimated actual development costs. The fees are in effect for 3 months from the date of the estimate. If the fees have not been paid within 3 months, they will be re-calculated. If the fees are paid within 3 months, the electric facilities must be installed within one year from the original date of the estimate. Additionally, if fees remain unpaid and work has not been completed within the one-year requirement, the job will be re-calculated or voided. If fees are paid and work has not been completed within the one-year, you may be subject to recalculation. Once the one-year requirement has been exceeded the customer must re-submit plans for District review. At Benton PUD's discretion, the CIAC may be collected by payment in cash, special contract, or Line Extension Contract.

A special contract covers the CIAC determined by the District to be the responsibility of a non-EIL customer for CES additions and/or upgrades after any applicable reduction in costs determined through applicable pro-rata share calculations and/or assignment of costs as a system benefit, in which case a share of the costs may be funded by the District through rate-based revenues.

A special contract for the payment of CIAC will have a repayment term of no longer than five years. The interest rate charged will be variable on an annual basis and is equal to the Local Government Investment Pool (LGIP) plus 2%. Repayment terms will include equal annual installments of principal plus calculated interest. The first payment is due 12 months from the date of the contract with subsequent payments occurring every 12 months thereafter. There is a cap on the outstanding principal balance of all special contracts equal to 4% of the current year's retail sales forecast. As such, special contracts are offered on a first come, first served basis. The District's Commission will be notified once the cap is reached and if there are additional customer requests above the cap for a special contract.

In order to qualify for a special contract, the District will require the customer to demonstrate credit worthiness. For an existing customer, credit worthiness may be demonstrated by satisfactory payment history including twenty-four months of on time electric bill payments as well as history of payment on past CIAC. For a new customer, the District may request any or all of the following: income verification, proof of bank deposit in excess of special contract amount, business financial statements, business pro forma, and/or other means of verification.

2. **ADDITIONAL LOAD:** In the event a customer desires to alter load significantly, the customer shall notify the District sufficiently in advance so that the District may, if economically feasible, provide the facilities required. In the event that the customer fails to notify the District, and as a result the District's equipment is damaged, the customer may be liable for the cost to repair the damage.

3. **APPLICATION FOR NEW SERVICE OR CHANGES TO EXISTING SERVICES:** *See Customer Service Policies: General Application for New Service*.

4. **RIGHT OF ACCESS:** The District, through its authorized employees or representatives, shall have access to its equipment at all times and to the customer's land for the purpose of surveying, data collection, staking and construction of the proposed project. Where access is required and locks must be opened to gain access, the District shall be supplied with keys to such locks or, another mutually agreeable means of access shall be provided to the District.

5. **DELIVERY PHASE AND VOLTAGE:** All electric service shall be alternating current, 60 hertz. Standard secondary delivery voltages are: Single-phase - 120/240 volt. Three-phase -

120/208 volt wye, 277/480 volt wye, 120/240 volt delta, 240/480 volt delta, as approved by the District. Service will be provided at the requested voltage only if appropriate distribution facilities exist with which to provide this voltage. 120/208 volt wye and 277/480 volt wye service voltage will be the only voltages available from three-phase pad mounted transformers or in areas served by underground distribution facilities. Only a single voltage will be delivered to a facility by the District unless the load is so great that a standard transformer or transformer bank is not adequate to serve the load. If additional voltages are required, the customer will reimburse the District actual cost for the added facility, including the cost of the transformer. Exceptions to these requirements are subject to District approval.

In general, delivery voltages and phases will be those presently available at the point service is desired and, if other phases or voltages are necessary, the cost will be computed in accordance with *Section 1, New Construction,* of this Policy.

In general, motor loads up to and including 7½ horsepower may be served at 240 volts single-phase. Three-phase motors of 7 ½ to 15 horsepower inclusive, may be served at 240 volts v-phase or three-phase from overhead systems and 208 volts three-phase from underground systems. Motor loads of 15 horsepower or larger will normally be served at 480 volts three-phase. In the case of large loads, power may be delivered at other voltages approved by the District.

The District may refuse to serve loads of a character seriously detrimental to other customers and in cases where motor starting would result in excessive voltage disturbances to the District's system, the District may require customers to install corrective equipment.

Frequency and service voltage ratings are nominal values.

6. <u>POINT OF DELIVERY</u>: Point of delivery is that point where facilities of the customer and District are connected. All equipment on the load side of the point of delivery shall belong to and be the responsibility of the customer, except meters and metering equipment and other equipment provided by the District.

The customer, or the customer's electrical contractor, shall be responsible to advise the District of service requirements in advance of installing the service entrance equipment, and to determine that the location is acceptable to the District. If the customer does not consult the District or does not install the equipment as directed, the District may reject the installation and require the customer to correct or relocate the service entrance equipment.

The customer shall furnish and install a District-approved meter socket for the installation of the District's metering equipment. If instrument transformers are required, a suitable location, a mounting provision, and an enclosure shall be provided for such installations as agreed to by the

District. Prewired meter bases are furnished by the District and installed by the customer. The customer shall furnish connecting conduit between the instrument transformers and the meter socket for which the District will furnish and install the meters and connecting wiring.

7. **METER LOCATIONS:** Meters shall be installed on or near the exterior front of a residential or farm building, or in some cases they may be installed on meter poles. All installations must be approved by the District and shall be installed in accordance with the District's engineering standards.

Meters shall not be installed in places difficult to access, such as over open pits, near moving machinery, hatchways, in the path of water from eaves or rain spouts, or subject to live steam or corrosive vapors. It shall be the responsibility of the customer to maintain a clear space in front of and to the sides of the meter, as per District specifications, which are available upon request.

8. **PHASE BALANCE:** Except in the case of three-phase four-wire delta service, the current taken by each wire of a three-phase service shall be reasonably balanced at times of maximum or near maximum load.

9. **DISTURBANCES CAUSED BY CUSTOMER'S EQUIPMENT:** Electric service shall not be used in such a manner as to cause severe disturbances or voltage fluctuations to other customers or to District equipment. If a customer uses equipment that disrupts the service of other customers or the District, the customer will be required, at their own expense, to install equipment to correct the problem. Examples of possible disruptive equipment are: welders, pipe thawing equipment, resistance heating equipment, large motor starting, or equipment with harmonic content.

10. **CUSTOMER'S WIRING AND EQUIPMENT:** The customer shall be responsible to provide suitable protective equipment such as fuses, circuit breakers and relays to adequately protect the customer's equipment against over current, under-voltage or over-voltage conditions. If three-phase service is provided, it shall be the customer's responsibility to protect against phase failure and imbalance. The District will take all reasonable precautions to prevent phase failure or abnormal voltage variation; however, it cannot guarantee that such conditions may not occur due to circumstances beyond its control.

The customer's electric facilities shall be installed and maintained in accordance with applicable local and state wiring codes and have been inspected by the Washington State Department of Labor and Industries Electrical Inspector or other agencies approved by Federal or State regulations.

The District reserves the right to refuse or discontinue service to the customer's equipment or wiring when, in the District's opinion, the customer's equipment or wiring is in a hazardous condition or does not conform with applicable codes and local regulations. The customer shall

be solely responsible for the maintenance and safety of the wiring and equipment, and the District shall not in any way be liable for accidents or damages experienced by the customer or to third parties because of contact with, or failure of, any portion of the customer's installation.

11. **SEPARATE METER FOR EACH CLASS OF SERVICE:** A customer that wishes to use electricity for purposes classified under different rates, must provide equipment for a meter for each rate class used. The electricity supplied must be measured and billed under the appropriate rate schedule.

12. **TEMPORARY SERVICE:** All temporary services shall be metered. Temporary service may be provided to traveling shows, public event displays, pumps, recreational vehicles, job shacks, light construction and power tools or similar classified loads.

The customer must provide a suitable meter pole or other structure with service entrance conduit, meter socket and protective devices as required.

The fee for metered temporary service is $125. The energy will be billed per the applicable rate schedule in effect at the time.

The above fee applies only to services where the District has electrical facilities of suitable capacity and voltage, and the service requires only a simple service drop or lateral. Where additional equipment is required, the District will be reimbursed in advance for all actual installation and removal costs to provide the temporary service. A standard temporary service requires that the pole or other structure be set not more than 5 feet from a pad mount transformer, and 50 feet from a pole mounted transformer**.** Temporary service shall be rendered for a maximum period of one year unless otherwise authorized by the District.

When a transformer, hand hole or pedestal does not exist on either side of the property in close proximity to the location where temporary service is desired, the customer will be responsible to install additional equipment as specified by the District's Engineering Department.

NOTE: Temporary services connections are only available to requestors who have no delinquent accounts with the District. *See Customer Service Policies for Billing, Payment and Credit and Collections Information*.

13. **UNDERGROUND SERVICE:** The District will provide underground service facilities subject to the following:

    A. It shall be feasible and practical as determined by the District.

    B. Fees may be assessed. *See Section 1, New Construction, of this Policy, for application of line extension credit and contribution-in-aid-to-construction*.

C. The District may require the customer to execute a contract wherein special conditions applicable to the development are stipulated.

D. Service to customers located in underground service areas will be with underground laterals only. Overhead service will not be provided, and the customer is required to install service equipment that will receive underground service.

14. <u>CONVERSION OF OVERHEAD TO UNDERGROUND SERVICE</u>: Replacement of overhead facilities with underground facilities may be done under the following conditions:

A. It shall be feasible and practical as determined by the District.

B. The District must have assurance that all affected customers will cooperate in the conversion project. The District shall determine in each case the scope and cost of the project.

C. The District may require reimbursement for the remaining life of the existing overhead facilities to be removed, plus removal costs less salvage value. In addition to this, the District may require a CIAC to offset the cost of the underground installation.

D. The customer is responsible for all costs of altering customer-owned service entrance equipment to receive underground service.

E. The District may require the customer to enter into a contract that defines any special conditions that apply to a specific project.

15. <u>ALTERING SERVICES</u>: Alterations to existing services will be handled on a case-by-case basis generally using CIAC estimating methods and line extension credits in force at the time of the request. Alterations for the convenience of the customer will typically require CIAC from the customer to cover labor and material costs to relocate and/or replace facilities with no or a reduced line extension credit applied. The customer's CIAC may be reduced at the District's discretion where the alteration provides a demonstrated cost benefit to the District's ongoing operations and/or maintenance of the facilities or is a result of a significant increase in the customer's electrical load. Load increases must be supported by information provided by the customer and satisfactory to the District which describes the amount and characteristics of the new load. Generally, alterations associated with significant load increases will be treated like a request for a new service unless the alteration occurs at a time within the District's capital cost recovery period for the type of service being considered; in which case pro-rated charges may apply. Cost recovery periods are generally 7 years for residential class services and 5 years for all other classes except for large general-service and industrial which are

handled on a case-by-case basis. For any change of service earlier than either of the recovery periods described previously, the District reserves the right to recover pro-rated costs.

16. **METER AND CLEARANCE POLE:** Meter and clearance poles will be furnished for customers when required. *See Section 1. New Construction, of this Policy, for application of line extension credit and contribution-in-aid-to-construction*.

17. **NON-STANDARD SERVICE:** The customer shall pay, in advance, the cost of any special installation necessary to meet requirements for service other than required by standard utility practice.

18. **RELOCATION OF EXISTING FACILITIES AT CUSTOMER'S REQUEST:** In the event a customer requests relocation of the District's equipment for any reason (e.g., new driveway, change of grade, relocation of service entrances, etc.) the District will do so, provided in the opinion of the District, the relocation is feasible and the customer agrees to pay the District either a fixed fee established by the District or the actual costs, provided actual costs shall not be 25% greater than the District's estimate.

19. **RECREATIONAL VEHICLE PARKS:** The District will provide service to Recreational Vehicles (RV) in parks, at residential rates, under the following conditions:

    A. The park owner will furnish and install a wiring system connecting the point of delivery with each space. The wiring system shall be installed according to applicable codes and be of adequate capacity to maintain standard voltage to each space.

    B. The District will not be obligated to provide direct service to any RV located in the park.

    C. Electric service to the park's joint-tenant use facilities must be separately metered and billed on the appropriate rate schedule.

20. **SECURITY LIGHTS**: The District may, where Benton PUD has facilities or in publicly accessible locations, install security lighting facilities. *See Retail Rate Schedules: Security Lighting for terms and rates.*

21. **CANCELLATION OF A SECURITY LIGHT SERVICE BY A CUSTOMER:** If a customer who has entered into a long-term agreement for service desires to discontinue such service, the customer may:

    A. Continue to pay the total monthly billing for the remainder of the three-year period described in the rate schedule.

B. Pay to the District, at the time of cancellation, a Security Light Removal Charge of $150, if the light has been installed for less than 3 years, unless another customer shall immediately assume the obligation for the balance of the three-year period.

C. If the light has been in service more than 3 years, there is no Removal Charge.

If an existing contract contains terms and conditions for cancellation, then these terms and conditions shall prevail over provisions of this paragraph.

22. STREET LIGHTS: The District may, when conditions warrant, install street lighting facilities. Customer-owned streetlights shall not be installed on District-owned poles unless approved, installed, and maintained by the District.

23. DIRECT-BURIED SERVICE CABLE REPAIR/REPLACEMENT: When an interruption of a customer's electric service occurs due to the failure of District-owned direct-buried low-voltage service cables located on a customer's premise, repairs will be made at no cost to the customer when feasible. When repair is no longer desired by the customer or the District has determined repair is no longer feasible, the existing service will be abandoned in place and a new service will be established with service cables installed in conduit. To allow time for constructing a new service the District will provide a temporary above-ground service for up to 15 days. The customer shall be responsible for arranging for and completing all work necessary for providing a trench for conduit meeting the District's construction standards. The District will provide a payment to the customer to offset trenching and landscape restoration expenses in the amount of $16 per foot up to a maximum of $1,000 and will provide and install conduit and service cables at no cost to the customer.

24. OTHER FEES:

A. The District will make 1 engineering visit, and 1 operations crew visit to a customer's site at no charge. Each additional visit necessitated by customer actions may result in a fee of $75 or actual cost, whichever is greater, being charged to the customer.

B. The District will develop the initial electrical distribution system design, per a Developer's instructions, for a subdivision or plat at no charge.

C. The customer may be assessed a charge of $75 per hour to make corrections if the design is modified.

D. When a customer requests the District relinquish or relocate an easement for a customer's convenience. The District will charge the customer $200 to help offset the

cost of the estimated 5-6 hours of staff time in addition to recording fees required to process the request.

E. Fees for pre-approved after-hours connects/disconnects:

- 1–person (2-hour minimum) $225, each additional hour is; $115
- 2–person (2-hour minimum) $450, each additional hour is; $230

F. Fees for pre-approved after-hours construction of Engineered projects:

- 3-person crew (foreman & 2 linemen) per hour is; $185
- 4-person crew (foreman & 3 linemen) Per hour is; $245

G. Road Crossings (customer portion in existing roadways): Contact District Engineering Department at 509 582-1230