



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

Tuesday, February 13, 2024, 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: 576 372 107#

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

4. Public Comment

(Individuals wishing to provide public comment during the meeting whether in person or remotely will be recognized by the Commission President and provided an opportunity to speak. 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.)

- 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.)

Executive Administration

- a. Minutes of Regular Commission Meeting of January 23, 2024 pg. 7
- b. Travel Report dated February 13, 2024 pg. 12

Engineering

- c. Quit Claim Deed – Reata Road – Parcel Nos. 1-0488-200-0005-000;
1-0488-400-0002-001; 1-0488-200-0003-000; 1-0488-200-0002-00 pg. 13

Finance/Customer Services

- d. Vouchers dated February 13, 2024 pg. 17

Procurement

- e. Change Order No. 1 – Sealx, LLC, Contract #22-38-07 pg. 40
- f. Contract Award – Wesco/Anixter for Underground Cable, Contract #24-21-01 pg. 42
- g. Contract Award - Anixter Power Solutions/S&C Electric for Padmount
Switchgear, Contract #24-21-03 pg. 49

7. Management Report

8. Business Agenda

- a. Cancellation of February 27, 2024 Board Meeting – Melina Conover pg. 54

- b. Amending Line Extension & Facilities Construction Policy, Resolution No. 2659 – Evan Edwards pg. 55
- c. Financial Forecast – Jon Meyer pg. 72
- d. Redistribution of Reserves - Jon Meyer pg. 73
- e. Financial Policies Update, Resolution No. 2657 - Jon Meyer pg. 76
- f. Amending Retail Electric Rate Schedules, Resolution No. 2658 - Jon Meyer pg. 95
- g. 2023 Q4 Performance Measurement Report - Jon Meyer pg. 159
- h. Net Metering Washington E3 Study – Chris Johnson pg. 184
- i. BPA Power Supply Work Session Part 2 – Chris Johnson/Rick Dunn pg. 185

9. Other Business

10. Future Planning

11. Meeting Reports

12. Executive Session - Review Performance of Public Employee

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 JANUARY 2024

Feb 1, 2024

Final

REVENUE FUND:		RECEIPTS	DISBURSEMENTS	BALANCE
01/01/24	Cash Balance			\$ 4,731,377.91
	Collections	\$ 12,493,376.27		
	Bank Interest Earned	6,353.65		
	Investments Matured	4,056,076.01		
	Miscellaneous - BAB's Subsidy	-		
	Transfer from Debt Service Fund	-		
	EFT Taxes		\$ 792,285.35	
	Checks Paid		963,242.10	
	Debt Service to Unrestricted		-	
	Debt Service to Restricted		556,076.01	
	Investments Purchased		6,192,044.92	
	Deferred Compensation		164,738.80	
	Department of Retirement Systems		210,919.67	
	Purchase Inv		-	
	Special Fund-Construction Funds		-	
	Purchased Power		4,076,299.23	
	Direct Deposit - Payroll & AP		4,730,235.72	
	Credit Card Fees		37,049.52	
	Miscellaneous -		-	
	Sub-total	\$ 16,555,805.93	\$ 17,722,891.32	
01/31/24	Cash Balance			\$ 3,564,292.52

Investment Activity	Balance 01/01/24	Purchased	Matured	LGIP Interest	Balance 01/31/24
	\$61,575,046.53	6,556,076.01	4,056,076.01	\$192,044.92	\$64,267,091.45

Check Activity	Balance 01/01/24	Issued	Redeemed	Cancelled*	Balance 01/31/24
	\$169,271.49	\$1,063,180.45	\$963,242.10	\$239.64	\$268,970.20

Unrestricted Reserves:	01/01/24	01/31/24	Change
Minimum Operating Reserves (90 DCOH) Incl. RSA ⁽¹⁾	\$ 35,103,060.00	\$ 31,468,770.00	\$ (3,634,290.00)
Designated Reserves (Bond Insurance Replacement)	-	-	-
Designated Reserves (Customer Deposits Account)	1,900,000.00	1,900,000.00	-
Designated Reserves (Power Market Volatility Account)	8,500,000.00	8,500,000.00	-
Designated Reserves (Special Capital Account)	6,421,396.78	6,421,396.78	-
Undesignated Reserves (DCOH 2 days) ⁽²⁾	(5,414,843.32)	736,711.51	6,151,554.83
Unrestricted Reserves Total	\$ 46,509,613.46	\$ 49,026,878.29	\$ 2,517,264.83
DCOH - Beginning and Ending of Month	119	140	
DCOH - Year-end Projection (Unrestricted \$51.4M)	118	147	
DCOH - Year-end Projection (Construction \$0.0M)	46	0	
Restricted Reserves:			
Bond Reserve Account	\$ 108,200.00	\$ 108,200.00	\$ -
Bond Redemption Accounts	771,333.99	1,353,014.95	581,680.96
Construction Account	18,917,277.00	17,343,290.74	(1,573,986.26)
Restricted Reserves Total	19,796,810.99	18,804,505.69	(992,305.30)
TOTAL RESERVES	\$ 66,306,424.45	\$ 67,831,383.98	\$ 1,524,959.53

(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

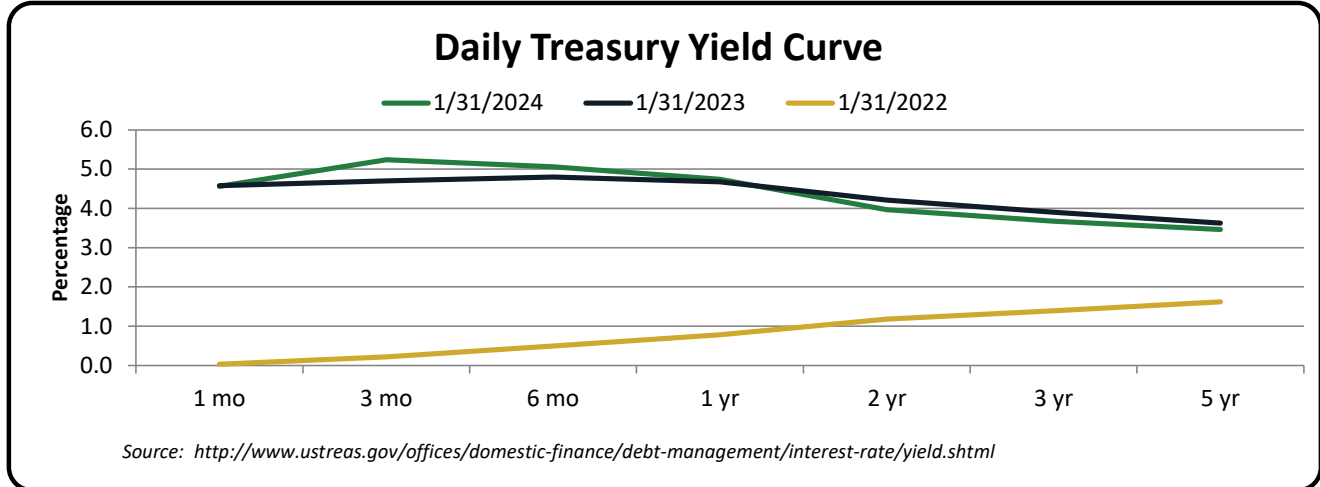
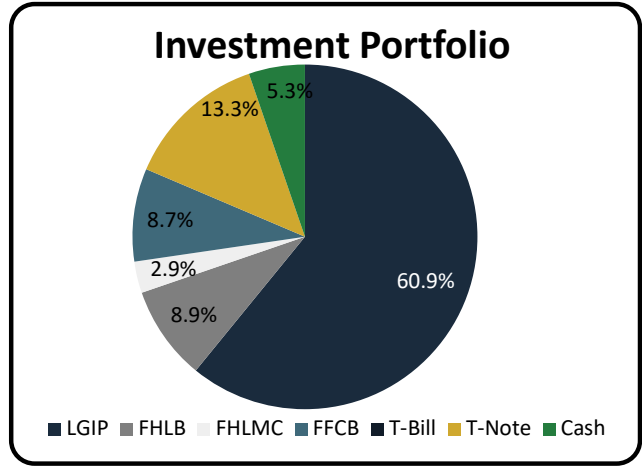
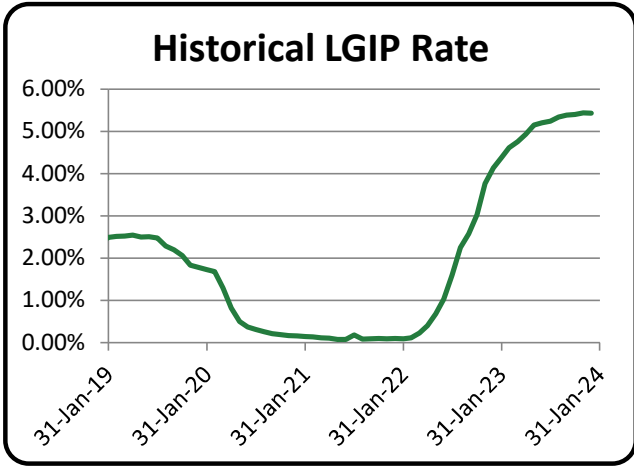
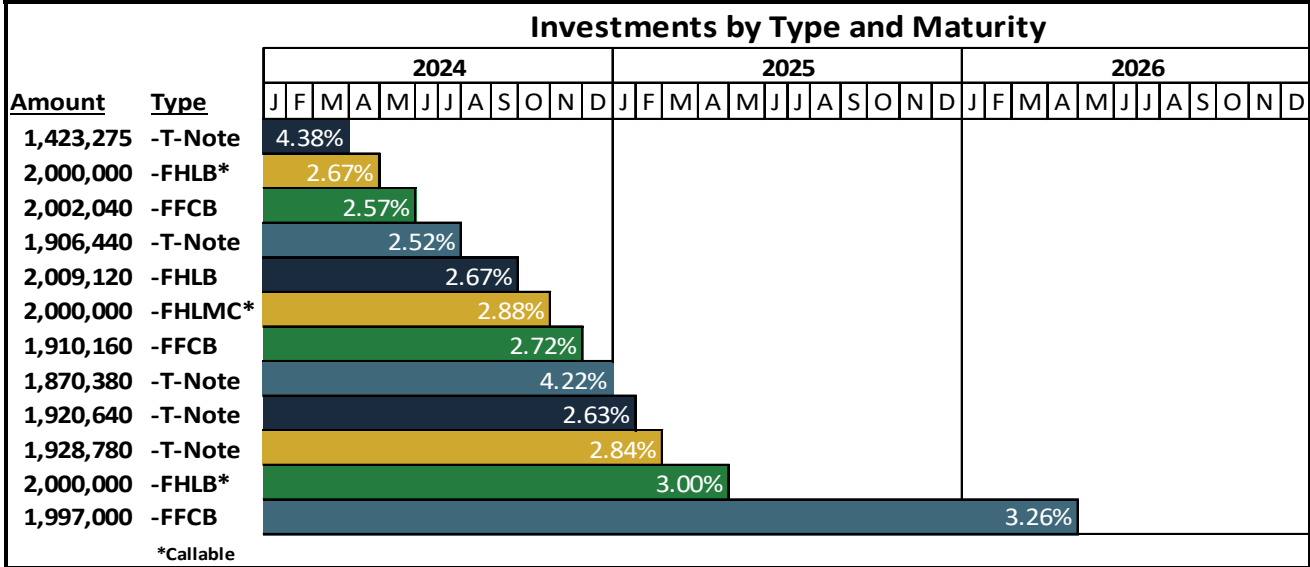
CASH & INVESTMENTS SUMMARY

as of January 31, 2024

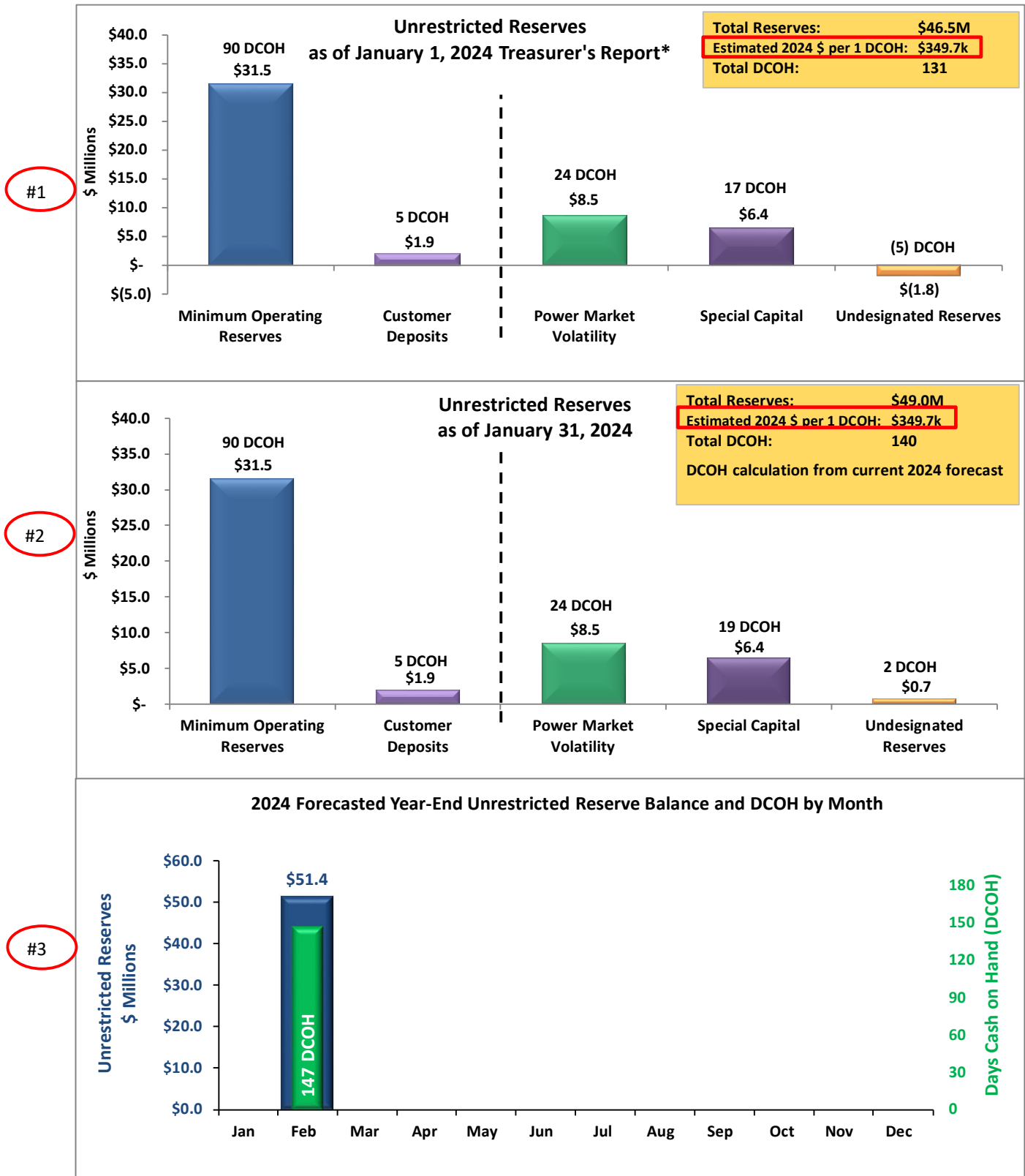
Average Days to Maturity	106	Investments see below*	22,967,835
Average Weighted Yield	4.554%	LGIP**	41,299,257
		TOTAL INVESTMENTS	64,267,092
		CASH	3,564,293
		TOTAL CASH & INVESTMENTS	\$ 67,831,385

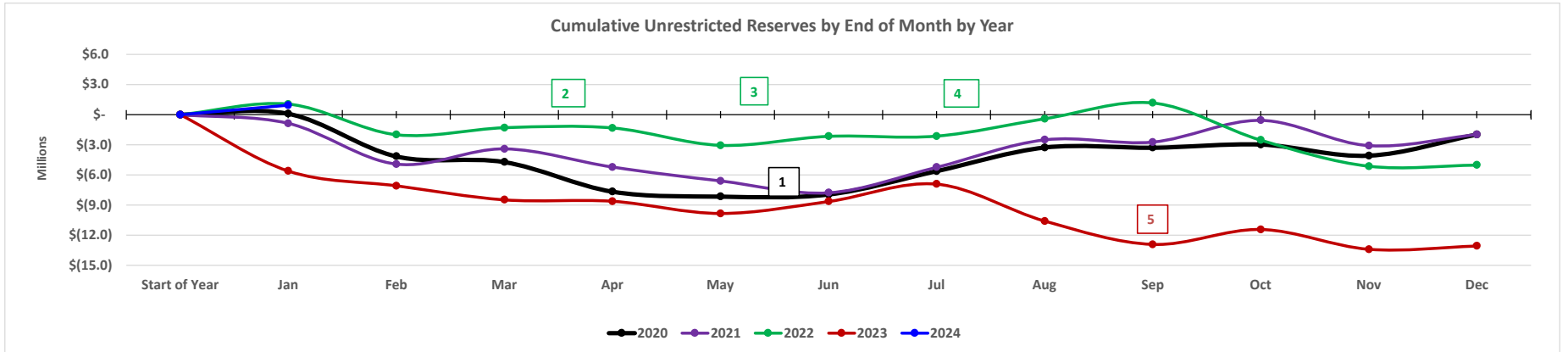
* Held in custody at Principal Financial Group

** Local Government Investment Pool



Unrestricted Reserves and Days Cash on Hand (DCOH)





Note: Any money received from issuing bonds was removed for comparison purposes (i.e. 2020 bond issue and 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.

- (2020 - April) Reserves were drawn down an additional \$2.2 million due to two factors. First, April included a third payroll and fifth accounts payable cycle because of how the calendar aligned with these cycles (~\$1.5 million timing issue). In previous years, May included these additional cycles. Second, past due accounts are above normal levels (~\$0.7 million higher).
- (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.
- (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.
- (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.
- (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.

MINUTES

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

Date: January 23, 2024

Time: 9:00 a.m.

Place: 2721 West 10th Avenue, Kennewick, Washington

Present: Commissioner Barry Bush, President
Commissioner Jeff Hall, Vice-President
Commissioner Lori Kays-Sanders, Secretary
General Manager Rick Dunn
Senior Director of Finance & Customer Services Jon Meyer
Director of Power Management Chris Johnson
Director of Executive Administration Melina Conover
Director of IT & Broadband Services Chris Folta
Sr. Clerk of the Board/Executive Assistant Cami McKenzie
Records Program Administrator II Nykki Drake
General Counsel Allyson Dahlhauser

Absent: Assistant GM/Sr. Director Engineering & Operations Steve Hunter (Excused)

Benton PUD employees present during all or a portion of the meeting, either in person or virtually: Manager of System Engineering Evan Edwards; Manager of Risk Management & Treasury Operations Keith Mercer; Manager of Communications & Government Relations Jodi Henderson; Manager of Procurement Michelle Ochweri; Manager of Customer Engagement Jenny Sparks; Manager of Human Resources Karen Dunlap; Manager of Business Applications Jennifer Holbrook; Supervisor of Customer Service Kim Maki; Cyber Security Engineer III Paul Holgate; Senior Engineer Power Management Blake Scherer; Manager of Accounting Kent Zirker; Robert Frost, Supervisor of Energy Programs; Tyson Brown, Procurement Specialist I.

Call to Order

Pledge of Allegiance

The Commission and those present recited the Pledge of Allegiance.

Agenda Review

No changes.

Public Comment

None.

Consent Agenda

MOTION: Commissioner Hall moved to approve the Consent Agenda items “a” through “k”. Commissioner Sanders seconded and upon vote, the Commission unanimously approved the following:

- a. Regular Commission Meeting Minutes of January 9, 2024
- b. Travel Report dated January 23, 2024
- c. Vouchers (report dated January 23, 2024) 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: 100833-100885 in the amount of \$1,216,575.96.
Checks & Customer Refund Payments (CHK): 87366-87422 in the amount of \$728,474.65;
Electronic Fund Transfer (WIRE) Payments: 6844-6851 in the amount of \$397,508.53;
Residential Conservation Rebates: Credits on Customer Accounts in the amount \$340.00;
Payroll: Direct Deposit – 1/4/2024: 100678-100832 in the amount \$411,661.96;
Voided checks (January, 2024) in the amount of \$150.00;
Grand total - \$2,754,561.10
- d. Cable Replacement – 5300 W. 26th Avenue - Work Order # 685842
- e. Cable Replacement - 6700 Blk of W 9th Place - Work Order # 685454
- f. Jobs Report – Construction & Maintenance Work Orders up to \$100,000
- g. Quit Claim Deed – Parcel #1-2380-400-0008-000
- h. Conservation Rebate Report – 4th Quarter 2023
- i. Northwest Fence Company, Inc. Project Completion/Acceptance for Contract # 22-38-05
- j. Alamon Inc. Project Completion/Acceptance - Contract # 22-32-01 (2nd Yr.)
- k. Yahoo Creek Wind Park LLC Contract Change Order #2 – Contract #14-45-08B

Management Report

General Manager:

1. Public Participation Guidelines – General Manager Rick Dunn discussed the draft updated public participation guidelines and recommendations. The Commission provided feedback and indicated it was fine with a time limit but wanted some flexibility to manage the participation individually. Based on the feedback, the Clerk of the Board will draft new guidelines for the Board’s review.
2. Polar Vortex Update – General Manager Dunn discussed with the Commission the regional impacts to utilities due to the recent cold weather, including huge spikes in the Mid-C day-ahead and real-time prices with bids exceeding \$1,000 per megawatt-hour. He said the market prices are saying build dispatchable power plants, but Washington and

Oregon 100% clean electricity mandates will not allow it. This event also revealed how critical the Bonneville Power Administration (BPA) transmission system is to the northwest, including the big investor-owned utilities serving the Portland and Seattle areas. Additionally, the General Manager expressed concern with the immense pressure on BPA to build new transmission lines and the challenges presented by up-front financing of projects largely benefiting IOUs as well as BPA's inability to attract and retain qualified staff. General Manager also expressed frustration with the fact IOUs are so far unwilling to talk about building generation where people live, which would lead to support for small-modular reactors.

3. Lower Snake River Dams (LSRD) Hearing - General Manager Dunn said House Energy and Commerce Committee Chair Cathy McMorris Rodgers announced a hearing titled "Exposing President Biden's Plan to Dismantle the Snake River Dams and the Negative Impacts to the U.S." to be held on January 30 at 7:00 a.m. P.T. and said he would send information to the Commissioners so they could listen to the hearing.
4. Columbia River Treaty Power Group (CRTPG) Flood Control Concerns – General Manager Dunn said the flood control provisions in place will expire in September, 2024 and automatically change to "called upon" operations with impacts that are yet to be determined. He mentioned the Mid C PUD's (Douglas, Grant, and Chelan counties) count on having some level of certainty about water availability for their dams and that if they don't have that due to major changes in how water behind Grand Coulee Dam is stored and released, there is a chance they could exercise their preference rights to BPA power; which would mean the "Tier-1" pie would shrink for the rest of BPA's preference customers. Grant PUD in particular has publicly signaled the need for more generation resources.
5. EmPOWERed Update – General Manager Dunn provided statistics on the number of views, etc. on his articles written for Substack. He said he continued to work with the Communications team on getting the information to "go viral" and about building a network of folks to coordinate these efforts and share information across more utilities and the region.
6. Damaged Substation Transformer Update – General Manager Dunn gave an update on the installation of the mobile transformer that was put in place at Ely substation in response to a short-circuit caused failure of one of the power transformers. The power transformer was not badly damaged, and indications are it can be shipped to a repair shop. He said there was an initial issue with the mobile transformer wiring, but our crews worked through the bitter cold temperatures and into the nighttime hours until they figured things out and the mobile unit was installed and ready to go just prior to the polar vortex. The plan is to ship the damaged transformer out for repair and swap it out with a spare unit the District has in inventory.

Power Management:

1. Conservation Rebate (Email from Mr. Hammer) – Director Chris Johnson discussed an email sent to the Commissioners from Mr. Hammer about a \$50 conservation rebate for a stackable washer and dryer that did not qualify fully for the rebate. The stackable units were new and did not qualify, however, Bonneville subsequently issued a temporary

allowance on December 28 for these types of units and Mr. Hammer ended up with the \$50 allowable rebate.

Executive Administration:

1. Legislative Update – Manager Jodi Henderson discussed the following bills making their way through session:
 - a. HB 1955, repeals CETA greenhouse content calculation and reporting requirement. This is a Dept. of Commerce request to reduce the CETA reporting requirements for electric utilities and the District is supportive of this change.
 - b. HB 2051, small gas-powered engines (lawn mowers, leaf blowers, etc.). Ms. Henderson indicated they were working with WPUDA to see about getting some equipment used for vegetation management included on the list of exempted equipment.
 - c. HB 2234, concerning energy assistance for low-income households. The bill clarifies the low-income assistance program requirements under CETA, is a WPUDA requested legislation, and the District is supportive of this clarification.
 - d. Budget items:
 - i. Energy Northwest is requesting \$25 million to support its efforts to examine the feasibility of a next-generation nuclear energy facility.
 - ii. The Governor’s budget includes an appropriation of \$150 million for \$200 credits per household for low and moderate income electricity customers. They are monitoring both provisions.

Finance & Customer Services:

1. Financial Reports – Senior Director Jon Meyer provided the Commission with a financial report for December, 2023. Additionally, he discussed the residential demand billing impact analysis report for November and December, 2023, and half of January, 2024. He said the statistics were comparable to the original analysis for the demand charge.

The Board briefly recessed, reconvening at 10:35 a.m.

Business Agenda

2023 Strategic Technology Plan Update

General Manager Rick Dunn and Director Chris Folta informed the Commission that Jennifer Holbrook was anonymously nominated and selected to be featured in NWPPA’s weekly digital newspaper for her contribution to the public power community.

Manager Jennifer Holbrook provided an update on the 2023 Strategic Technology Plan. Topics discussed included strategic technology planning through the years and changes made during the 2021 planning process. The 2021 plan included using internal staff, a focus on 12 business process areas, a commitment to review and update every two years, and identified 64 projects

over the five years. The 2023 update highlighted that 17 of 64 projects were completed with 11 additional in progress, physical security focus was added, with a total of 77 projects identified.

Manager Holbrook discussed each business process area and where it fit in with the District strategic goals, highlighted important elements and implementation of each process, and reviewed the Strategic Technology Plan timeline for 2024-2028.

Future Planning

There was a discussion about the possibility of cancelling the February 27, 2024 meeting or holding it remotely since two of the Commissioners would be in Washington D.C. for the APPA/WPUDA Legislative Rally. The discussion will be brought back at the February 13, 2024 meeting.

Meeting Reports

January WPUDA Association Meeting

Commissioner Hall reported on his attendance at the January WPUDA meetings and said the legislative reception was very well attended, even with the inclement weather.

Adjournment

Hearing no objection, President Bush adjourned the meeting at approximately 11:00 a.m.

Barry Bush, President

ATTEST:

Lori Kays-Sanders, Secretary


Periodic Travel Report - February 13, 2024

<i>Date Start</i>	<i>Business Days</i>	<i>Name</i>	<i>City</i>	<i>Purpose</i>
2/6/2024	1	Amber Melling	Pullman, WA	WSU CAREER EXPO - RECRUITING FOR POSTED INTERNSHIPS
2/12/2024	2	Travis Scott	Seattle, WA	ELECTRIC UTILITY SAFETY ADVISORY COMMITTEE (EUSAC)
2/14/2024	2	Jodi Henderson	Olympia, WA	WPUDA DAY ON THE HILL 2024
2/15/2024	1	Amber Melling	Cheney, WA	EWU CAREER EXPO - RECRUITING FOR POSTED INTERNSHIPS
3/4/2024	4	Bob Inman	San Antonio, TX	2024 TECHADVANTAGE
3/6/2024	3	Jon Meyer	Portland, OR	PPC, PNUCC, NWRP MEETINGS
3/12/2024	3	Roxie Weller	Lynnwood, WA	AWC HEALTHY WORKSITE SUMMIT 2024



<input type="checkbox"/>	Business Agenda
<input type="checkbox"/>	Second Reading
<input checked="" type="checkbox"/>	Consent Agenda
<input type="checkbox"/>	Info Only/Possible Action
<input type="checkbox"/>	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Quit Claim – Parcel #1-0488-200-0005-000	
Agenda Item No:	6c	
Meeting Date:	February 13, 2024	
Authored by:	Tina Glines	<i>Staff Preparing Item</i>
Presented by:	Evan Edwards	<i>Staff Presenting Item</i>
Approved by (dept):	Steve Hunter	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

Motion to Quit Claim an easement on Parcels 1-0488-200-0005-000, 1-0488-400-0002-001, 1-0488-200-0003-000, 1-0488-200-0002-000 by request of the developer to allow for the efficient use of residential lots.

Background/Summary

The easement recorded under Auditor’s File Number 748669 described below was recorded to provide the District with a right-of-way power easement in an undeveloped rural area. This unoccupied easement lies within the City of Richland and was recorded on January 19th, 1978. The developer has requested that the easement be quit claimed so that the lots can be utilized efficiently. Benton PUD has executed an established pathway for future growth.

DESCRIPTION:

A strip of land 20.00 feet in width situated in the West half of Section 4, Township 8 North, Range 28 East, W.M., Benton County, Washington.

Recommendation

The District’s interest in this portion of the easement no longer exists. Approving this motion will satisfy the request of the developer and allow for the owners to develop the properties efficiently.

Fiscal Impact

Customer will pay the \$200 recording fee and any additional fees associated with processing the Quit Claim in accordance with District’s policy, resulting in no net fiscal impact to the District.

Return To: Benton P.U.D.
PO Box 6270
Kennewick, WA 99336

QUIT CLAIM DEED

The Grantor: PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, WASHINGTON for and in consideration of Mutual Covenants and Other Valuable Consideration, conveys and quit claims to OWNERS OF RECORD, the following described real estate, situated in the County of Benton, State of Washington:

Assessor's Property Tax Parcel Acct. #: 1-0488-200-0005-000, 1-0488-400-0002-001, 1-0488-200-0003-000, 1-0488-200-0002-000

DESCRIPTION:

A strip of land 20.00 feet in width situated in the West half of Section 4, Township 8 North, Range 28 East, W.M., Benton County, Washington, with 10.00 feet lying on each side of the following described centerline:

Beginning at the Southwest corner of Section 4; thence North 89°47'42" East along the South line thereof a distance of 230.00 feet to the TRUE POINT OF BEGINNING; thence North 00°12'18" West a distance of 1030.00 feet to a point of curves; thence along a curve to the left having a central angle of 07°47'29" and a radius of 2202.72 feet, an arc distance of 299.54 feet to a point of tangency; thence North 07°27'33" East a distance of 1292.14 feet to a point on a curve; thence along a curve to the left having a central angle of 36°38'28", a radius of 1150.00 feet and a chord bearing of North 00°27'04" East, an arc distance of 735.43 feet; thence North 00°27'33" East a distance of 793.99 feet to a point on the North line of said Section 4 and TERMINUS of said line, said point lying westerly 424.91 feet from the North quarter of said Section 4.

This deed is given as a conveyance and abandonment of all right, title and interest in the above-described property as acquired under that certain *easement* of record under Auditor's File Number # 0257075, Records of Benton County, Washington.

Dated this ____ day of _____, 20____

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, WASHINGTON

BY: _____
President

ATTEST: _____
Secretary

ACKNOWLEDGEMENT OF CORPORATION

STATE OF WASHINGTON

County of _____ } ss.

On this _____ day of _____, 20__, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, certify that I know or have satisfactory evidence that _____ and _____ known to me to be the President and Secretary of the Commission of *Public Utility District No. 1 of Benton County* and said person(s) acknowledged that he/they signed this instrument as his/their free and voluntary act for the uses and purposes mentioned in the instrument.

Witness my hand an official seal hereto affixed the day and year first above written.



Notary Signature _____

My Commission Expires _____

NOTARY SEAL-Recordable Document, please follow RCW 65.04

Projects to be Presented at the Benton PUD

Commission Meeting On

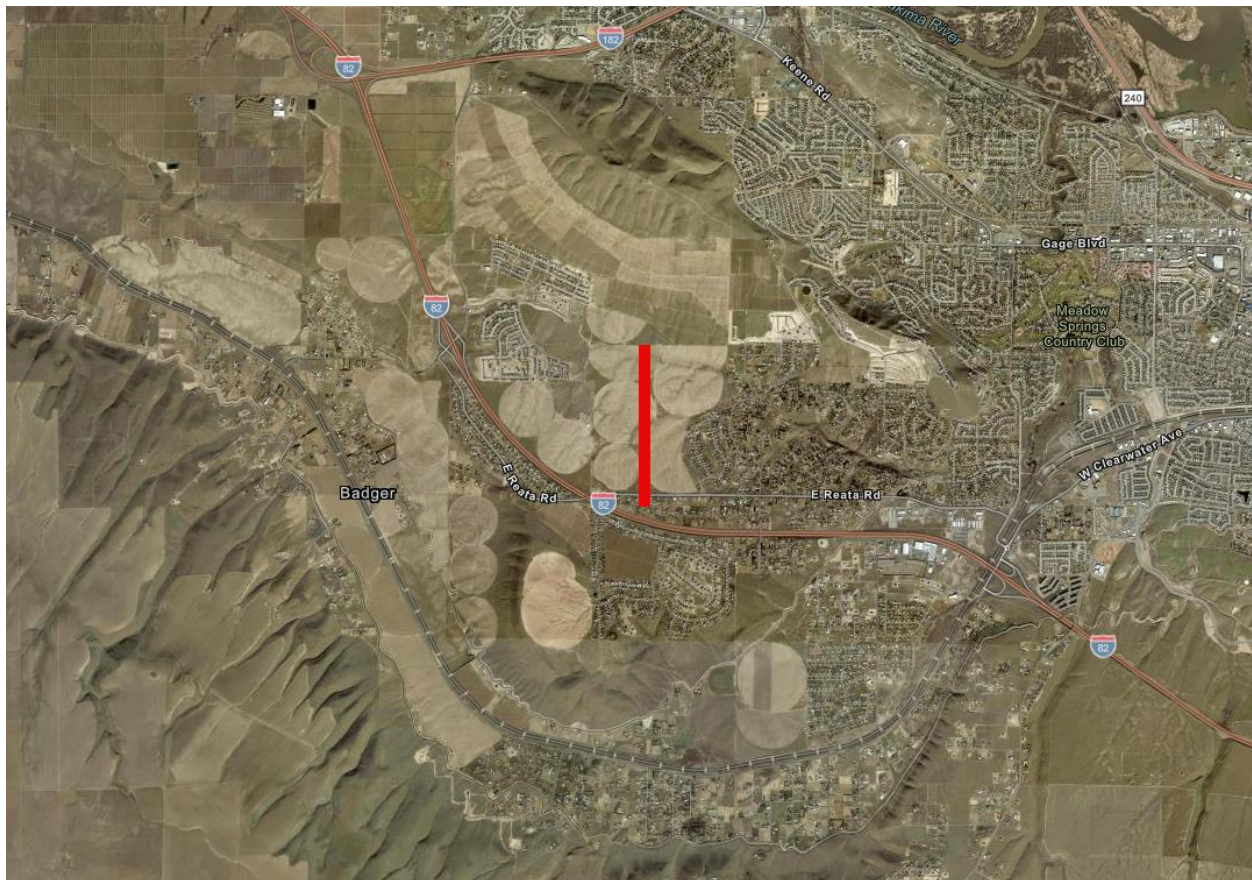
February 13th, 2024

Project Name: Quit Claim – Parcel #104882000005000, 104884000002001,
104882000003000, 104882000002000 **WO#:**NA

Location: North of Reata Road, Richland, WA

Justification: The Developer has submitted a request for Benton PUD to Quit Claim the entirety of an unused easement. This will allow for the residential lots to be more efficiently utilized. Benton PUD has other established pathways to serve future growth.

Location Map






PAYMENT APPROVAL
February 13, 2024

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	101040 - 101274	101118 - 101298	1 - 8 8 - 11	\$ 2,655,963.95
Checks & Customer Refund Payments (CHK)	87423 -	87497 -	12 - 17	\$ 334,705.80
Electronic Fund Transfer (WIRE) Payments	6853 -	6877	18 - 21	\$ 5,322,977.35
Residential Conservation Rebates:				
Credits on Customer Accounts			22	\$ 1,069.99
Purchase Card Detail:				
Payroll:				
Direct Deposit - 1/18/2024	100886 -	101039		\$ 443,434.39
Direct Deposit - 2/1/2024	101119 -	101273		\$ 417,702.62
Check - 2/1/2024	600196 -	600227		\$ 53,214.21
TOTAL				\$ 9,229,068.31
Void DD				\$ -
Void Checks		January 2024	12	\$ 89.64
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 L. Meyer, Auditor 2/5/2024
Date

Reviewed by:


 Rick Dunn, General Manager

Approved by:

 Barry A. Bush, President

 Jeffrey D. Hall, Vice-President

 Lori Kays-Sanders, Secretary

02/05/2024 8:39:36 AM

Accounts Payable Check Register

Page 1

01/15/2024 To 02/04/2024

Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
101040 1/18/24	DD	963	ANIXTER INC.	Cable	184,168.76
				FGO CU 2 STR GC 5002S	5,184.99
				CU 4 STR DB 600V	1,954.43
				Cable	160,143.80
Total for Check/Tran - 101040:					351,451.98
101041 1/18/24	DD	811	ARAMARK UNIFORM SERVICES	Weekly Svc	44.29
				Weekly Svc	44.01
				Weekly Svc	30.55
				Weekly Svc	31.72
				Weekly Svc	21.95
Total for Check/Tran - 101041:					172.52
101042 1/18/24	DD	10907	ATS INLAND NW, LLC	HVAC system Upgrade - Admin	89,451.62
101043 1/18/24	DD	3828	BORDER STATES INDUSTRIES, INC.	BOLTS MACH 5/8 X 8	438.46
101044 1/18/24	DD	11035	C. WATTS TRUCKING, LLC	Move Equipment/Trenching	41,910.15
101045 1/18/24	DD	10837	CAMPBELL & COMPANY SERVICE CO	REEP	200.00
				REEP	200.00
				REEP	1,000.00
				REEP	200.00
				REEP	200.00
Total for Check/Tran - 101045:					1,800.00
101046 1/18/24	DD	3520	CI INFORMATION MANAGEMENT	Onsite Destruction	174.90
101047 1/18/24	DD	2972	COMPUNET, INC.	Software Lic/Agreement	8,527.19
101048 1/18/24	DD	57	CONSOLIDATED ELECTRICAL DISTRI	LED LAMP - T8	4,997.59
101049 1/18/24	DD	3167	COOPERATIVE RESPONSE CENTER, IN	CRCLink User/Multispeak OMS	11,422.66
101050 1/18/24	DD	3439	DJ'S ELECTRICAL, INC.	JU-NESC Compliance	40,544.68
				JU NESC Compliance	6,282.28

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Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				JU NESC Compliance	28,606.21
Total for Check/Tran - 101050:					75,433.17
101051	1/18/24	DD 2898	ELECTRICAL CONSULTANTS, INC.	Professional Svc	2,548.50
101052	1/18/24	DD 10961	ENERGY PRO INSULATION, INC.	REEP	1,872.00
101053	1/18/24	DD 642	EVERGREEN FINANCIAL SERVICES, IN	Collection Svc	25.00
101054	1/18/24	DD 79	GENERAL PACIFIC, INC.	Washer, for Fiberglass X-Arm ALUM 4/0 TRIPLEX CERAPUS	4,967.59
Total for Check/Tran - 101054:					10,596.08
101055	1/18/24	DD 11031	GLOBAL POWER PRODUCTS	Material Generlink Generlok Power Cable Generlink Transfer Switch & Cable	-65.25
Total for Check/Tran - 101055:					750.00
101056	1/18/24	DD 3969	GPS INSIGHT, LLC	Device Monitoring	2,125.21
101057	1/18/24	DD 214	JACOBS & RHODES	REEP	1,000.00
101058	1/18/24	DD 3644	LOOMIS	Safepoint Service Safepoint Service Drop Box/Kiosks Drop Box/Kiosks	660.79
Total for Check/Tran - 101058:					5,086.56
101059	1/18/24	DD 3821	NISC	Envelopes/Forms/Print Svc/Mail Svc Envelopes/Forms/Print Svc/Mail Svc Postage/Online Pymts/ACH/EFT Postage/Online Pymts/ACH/EFT Postage/Online Pymts/ACH/EFT Software Lic Software Lic Software Lic	2,107.03
Total for Check/Tran - 101059:					30,723.11
Total for Check/Tran - 101059:					938.43
Total for Check/Tran - 101059:					304.57
Total for Check/Tran - 101059:					208.55
Total for Check/Tran - 101059:					8,279.86
Total for Check/Tran - 101059:					2,453.30
Total for Check/Tran - 101059:					3,679.95

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				Software Lic	16,253.09
Total for Check/Tran - 101059:					64,947.89
101060	1/18/24	DD 919	NOANET	Paterson Tap 152 Outage	20,327.38
				Broadband Billing	15,969.18
				Broadband Billing	63,876.73
				Co-Location Kenn Verizon	1,460.00
Total for Check/Tran - 101060:					101,633.29
101061	1/18/24	DD 10905	NOKIA OF AMERICA CORPORATION	Broadband Equipment	15,346.27
101062	1/18/24	DD 10769	ONEBRIDGE BENEFITS INC.	Flex Spending Dependent Care	192.31
				Flex Spending Health Care	2,473.23
Total for Check/Tran - 101062:					2,665.54
101063	1/18/24	DD 3162	ONLINE INFORMATION SERVICES, INC.	Online Utility Exchange	942.82
101064	1/18/24	DD 2176	PACIFIC OFFICE AUTOMATION, INC.	Monthly Billing	412.27
				Monthly Billing	5.95
				Monthly Billing	114.23
Total for Check/Tran - 101064:					532.45
101065	1/18/24	DD 585	PARADISE BOTTLED WATER CO.	Monthly Billing	911.01
				Monthly Bililng	81.44
Total for Check/Tran - 101065:					992.45
101066	1/18/24	DD 1241	PARAMOUNT COMMUNICATIONS, INC.	Just Roses	715.08
				20 - Off-the-Dock Labor	3,404.78
				Paterson to Carma	13,163.81
				Paterson to Carma	67,988.63
Total for Check/Tran - 101066:					85,272.30
101067	1/18/24	DD 10561	POWER & TELEPHONE SUPPLY COMP	Fiber Vault with Cover, Material	11,074.06
					326.10
Total for Check/Tran - 101067:					11,400.16

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount	
101068	1/18/24	DD	10671	PRINCIPAL BANK		
				EE Vision	92.68	
				ER Vision	3,034.09	
				EE Health	11,574.85	
				ER Health	207,635.84	
				EE Dental	549.35	
				ER Dental	17,881.64	
Total for Check/Tran - 101068:					240,768.45	
101069	1/18/24	DD	10718	PUBLIC UTILITY DIST PEND ORIELLE	CWPU UIP Expense	2,667.53
101070	1/18/24	DD	10896	QUENCH USA, INC.	Ice/Water Machine Rental	270.67
101071	1/18/24	DD	149	SMITH INSULATION, INC.	REEP	277.20
				REEP	1,161.60	
Total for Check/Tran - 101071:					1,438.80	
101072	1/18/24	DD	139	TOWNSQUARE MEDIA TRI CITIES	Advertising	4,020.00
101073	1/18/24	DD	1163	TYNDALE ENTERPRISES, INC.	Clothing-Kuch	969.60
				Clothing-Heberlein/Wales	644.60	
				Clothing-Heberlein/Patrick	276.54	
				Clothing-Heberlein	172.40	
				Clothing-Kuch	318.92	
Total for Check/Tran - 101073:					2,382.06	
101074	1/18/24	DD	1048	UNITED WAY OF BENTON & FRANKLI	EE United Way Contribution	366.73
101075	1/18/24	DD	10154	US PAYMENTS, LLC	Paysite Fee/Kiosk/Card Processing Fee	453.45
				Paysite Fee/Kiosk/Card Processing Fee	1,440.00	
Total for Check/Tran - 101075:					1,893.45	
101076	1/18/24	DD	272	UTILITIES UNDERGROUND LOCATION	Underground Locate Svc	387.00
101077	1/18/24	DD	4104	VAN BELLE EXCAVATING, LLC	Ice Melt	-3.48
				Ice Melt	1,021.78	
Total for Check/Tran - 101077:					1,018.30	

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Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
101078 1/18/24	DD	10887	VITAL RECORDS HOLDINGS, LLC	Records Storage	100.00
101079 1/18/24	DD	4168	WALKER & ASSOCIATES INC.	Material Material	8,616.65 -52.19
Total for Check/Tran - 101079:					8,564.46
101080 1/18/24	DD	4235	WATER STREET PUBLIC AFFAIRS, LLC	Lobbying Svc	6,500.00
101081 1/18/24	DD	11016	WILSON & COMPANY INC.,	Inspection Svc - Spaw Phillips Line Inspection Svc - Spaw Phillips Line	4,600.00 9,800.00
Total for Check/Tran - 101081:					14,400.00
101082 1/24/24	DD	963	ANIXTER INC.	Cable Cable	106,762.53 110,678.34
Total for Check/Tran - 101082:					217,440.87
101083 1/24/24	DD	10063	APPLE INC	Ipad Air Ipad Air	4,614.32 4,614.32
Total for Check/Tran - 101083:					9,228.64
101084 1/24/24	DD	811	ARAMARK UNIFORM SERVICES	Weekly Svc Weekly Svc Weekly Svc Weekly Svc Weekly Svc	44.01 44.29 30.55 31.72 21.95
Total for Check/Tran - 101084:					172.52
101085 1/24/24	DD	3828	BORDER STATES INDUSTRIES, INC.	Regulator Regulator, single phase oil, s	218,947.88 28,183.74
Total for Check/Tran - 101085:					247,131.62
101086 1/24/24	DD	10837	CAMPBELL & COMPANY SERVICE COR REEP		200.00
101087 1/24/24	DD	1810	CARLSON SALES METERING SOLUTIO	Transformer	60,567.64
101088 1/24/24	DD	166	CENTURYLINK	Monthly Billing	580.89

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Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
101089 1/24/24	DD	2680	CO-ENERGY	Grease/Oil	5,023.56
101090 1/24/24	DD	10512	DENYS A COTERO	Travel - Kenn/Prosser	54.94
101091 1/24/24	DD	10857	D&R INSULATION, LLC	REEP	1,440.00
				REEP	3,144.00
				REEP	5,690.00
Total for Check/Tran - 101091:					10,274.00
101092 1/24/24	DD	375	DAYCO HEATING & AIR	REEP	1,200.00
101093 1/24/24	DD	3029	DELTA HEATING & COOLING, INC.	REEP	200.00
101094 1/24/24	DD	3439	DJ'S ELECTRICAL, INC.	W Deschutes Ave/Columbia Center	95,490.13
101095 1/24/24	DD	2757	RICK T DUNN	Mtg Yakima Pwr/Klickitat PUD/Tridec	81.74
101096 1/24/24	DD	10772	ENDEAVOR BUSINESS MEDIA, LLC	UAI Membership Renewal 2024	8,390.00
101097 1/24/24	DD	10961	ENERGY PRO INSULATION, INC.	REEP	1,725.00
101098 1/24/24	DD	10982	FEDERAL ENGINEERING, INC.	Professional Svc	7,438.50
101099 1/24/24	DD	75	FRANKLIN PUD	Fiber Lease	1,290.00
				Fiber Lease	150.00
				Fiber Lease	1,100.00
Total for Check/Tran - 101099:					2,540.00
101100 1/24/24	DD	10810	GARY LEE AND ASSOCIATES, LLC	Field Work	3,939.34
				Field Work	1,852.62
Total for Check/Tran - 101100:					5,791.96
101101 1/24/24	DD	1624	JEFFREY D HALL	WPUDA	597.86
101102 1/24/24	DD	10420	HEALTH INVEST HRA TRUST	Monthly Fees	54.46
101103 1/24/24	DD	374	HOWARD INDUSTRIES, INC.	Transformer	5,613.27
101104 1/24/24	DD	4207	INFORMATION FIRST, INC.	Content Mgr Monthly Support	2,000.00

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
101105 1/24/24	DD	10660	IRBY ELECTRICAL UTILITIES	BOLTS MACH 5/8 X 14	733.73
101106 1/24/24	DD	3154	IVOXY CONSULTING, LLC	Software Subscription/Support	12,454.93
				Software Support	52,741.20
				VMWare Horizon Subscription	25,370.58
Total for Check/Tran - 101106:					90,566.71
101107 1/24/24	DD	10563	MESSAGE TECHNOLOGIES, INC.	IVR/SMS Service	3,348.74
101108 1/24/24	DD	919	NOANET	Prior Build/Meter Project	250.00
				Prior Build/Meter Project	1,000.00
Total for Check/Tran - 101108:					1,250.00
101109 1/24/24	DD	2176	PACIFIC OFFICE AUTOMATION, INC.	Monthly Billing	50.93
				Monthly Billing	24.52
				Monthly Billing	116.77
Total for Check/Tran - 101109:					192.22
101110 1/24/24	DD	1241	PARAMOUNT COMMUNICATIONS, INC.	Tri City Community Health	86.96
				20 - Off-the-Dock Labor	857.16
Total for Check/Tran - 101110:					944.12
101111 1/24/24	DD	10095	PASCO TIRE FACTORY, INC.	tires	2,484.39
101112 1/24/24	DD	10671	PRINCIPAL BANK	EE Vision	92.68
				ER Vision	3,015.79
				EE Health	11,554.85
				ER Health	206,638.12
				EE Dental	549.35
				ER Dental	17,777.30
Total for Check/Tran - 101112:					239,628.09
101113 1/24/24	DD	10252	LUZ E QUINTERO	Travel Kenn/Prosser	54.94
101114 1/24/24	DD	10951	RELIANCE STANDARD LIFE INSURAN	Self Insured STD Fee	186.25

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
101115 1/24/24	DD	10947	RELIANCE STANDARD LIFE INSURAN	Basic Life	800.50
				Basic Life AD&D	160.10
				Non Barg Basic AD&D	79.04
				Non Barg Basic Dep Life	81.51
				Non Barg Basic Life	1,051.50
				Supplemental Life - Child	48.28
				Supplemental Life - EE	1,945.90
				Supplemental Life - Spouse	396.00
				Supplemental Life AD&D - Child	8.16
				Supplemental Life AD&D - EE	514.50
				Supplemental Life AD&D - Spouse	248.40
				LTD - Core Buy Up	894.28
				LTD - Core No Buy Up	3,261.77
Total for Check/Tran - 101115:					9,489.94
101116 1/24/24	DD	2154	SENSUS USA, INC.	Alert Mgr/SAAS Fee/Flxnt Monitoring	5,772.23
				Alert Mgr/SAAS Fee/Flxnt Monitoring	9,328.59
				Alert Mgr/SAAS Fee/Flxnt Monitoring	4,270.31
				Meters	188,532.76
Total for Check/Tran - 101116:					207,903.89
101117 1/24/24	DD	985	SPECTRUM PACIFIC WEST, LLC	Monthly Billing	588.56
				Monthly Billing	605.27
Total for Check/Tran - 101117:					1,193.83
101118 1/24/24	DD	1163	TYNDALE ENTERPRISES, INC.	Clothing-Mckee/Anderson/Tyree/Wales	1,614.24
				Credit - Inv3339846	-318.27
Total for Check/Tran - 101118:					1,295.97
101274 1/31/24	DD	811	ARAMARK UNIFORM SERVICES	Weekly Svc	31.72
				Weekly Svc	44.29
				Weekly Svc	44.01
				Weekly Svc	30.55

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				Weekly Svc	21.95
					Total for Check/Tran - 101274:
					172.52
101275	1/31/24	DD 34	BENTON PUD-ADVANCE TRAVEL	2nd Yr Tranformer Session	586.02
				NWPPA - Wildfires	97.13
					Total for Check/Tran - 101275:
					683.15
101276	1/31/24	DD 40	BENTON REA	Pole Contacts	12,474.87
101277	1/31/24	DD 2972	COMPUNET, INC.	Software Lic/Agreement	8,525.30
101278	1/31/24	DD 2990	KAREN M DUNLAP	CWPU UIP Mtg	128.24
101279	1/31/24	DD 3130	GDS ASSOCIATES, INC.	Conservation Potent Assess/Demand Respon	1,702.50
				NERC/WECC Compliance	810.00
					Total for Check/Tran - 101279:
					2,512.50
101280	1/31/24	DD 3018	HRA VEBA TRUST	ER VEBA	7,550.00
				ER VEBA Wellness	21,900.00
					Total for Check/Tran - 101280:
					29,450.00
101281	1/31/24	DD 1818	IBEW LOCAL 77	IBEW A Dues Assessment	163.42
				IBEW A Dues Assessment	4,776.42
				IBEW BA Dues Assessment	5,246.34
					Total for Check/Tran - 101281:
					10,186.18
101282	1/31/24	DD 10660	IRBY ELECTRICAL UTILITIES	Elbow Connector, Elastimold #	5,811.10
				Elbow Connector, Elastimold #	2,113.13
					Total for Check/Tran - 101282:
					7,924.23
101283	1/31/24	DD 10162	LINGUISTICA INTERNATIONAL, INC.	Interpreting Svc	70.13
101284	1/31/24	DD 3343	MOSS ADAMS, LLP	Auditing Svc	8,025.00
101285	1/31/24	DD 950	MSA VEBA TRUST	VEBA PL Cash Out	110.09
101286	1/31/24	DD 10769	ONEBRIDGE BENEFITS INC.	Flex Spending Dependent Care	192.31
				Flex Spending Health Care	2,473.23

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
Total for Check/Tran - 101286:					2,665.54
101287 1/31/24	DD	2176	PACIFIC OFFICE AUTOMATION, INC.	Monthly Billing	541.45
101288 1/31/24	DD	1241	PARAMOUNT COMMUNICATIONS, INC.	CRAN 023	284.79
				CRAN 023	108.70
				20 - Off-the-Dock Labor	1,510.43
				USCC Kennewick South Splicing	1,577.24
				20 - Off-the-Dock Labor	14,459.46
				USCC Downtown Splicing	3,537.10
				20 - Off-the-Dock Labor	25,643.19
Total for Check/Tran - 101288:					47,120.91
101289 1/31/24	DD	10095	PASCO TIRE FACTORY, INC.	tires	4,968.79
101290 1/31/24	DD	10936	MICHAEL J PRAEST	Spaw/Phillip Lay Down Yard Lease	500.00
101291 1/31/24	DD	821	SCHWEITZER ENGINEERING LABORA	7 pin control cable male connector	35.87
101292 1/31/24	DD	396	SD MYERS, LLC	Gas/Oil Testing	608.00
				Oil Testing	37.00
Total for Check/Tran - 101292:					645.00
101293 1/31/24	DD	149	SMITH INSULATION, INC.	REEP	678.00
101294 1/31/24	DD	219	STONEWAY ELECTRIC SUPPLY	Material	84,037.99
101295 1/31/24	DD	1163	TYNDALE ENTERPRISES, INC.	Clothing-Mckee	196.75
				Clothing-Lanphear/Houser	764.70
				Clothing- King	242.95
Total for Check/Tran - 101295:					1,204.40
101296 1/31/24	DD	1048	UNITED WAY OF BENTON & FRANKLI	EE United Way Contribution	366.73
101297 1/31/24	DD	4168	WALKER & ASSOCIATES INC.	Freight on PO 56661 Inv #WUSTC23IND06165	62.24
				Freight on PO 56661 Inv #WUSTC23IND06165	-4.98
Total for Check/Tran - 101297:					57.26

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
101298 1/31/24	DD	205	WASHINGTON STATE AUDITOR'S OFFI	Auditing Svc	330.20
				Auditing Svc	1,393.86
				Auditing Svc	11,791.11
Total for Check/Tran - 101298:					13,515.17

Total Payments for Bank Account - 1 :	(104)	2,655,963.95
Total Voids for Bank Account - 1 :	(0)	0.00
Total for Bank Account - 1 :	(104)	2,655,963.95

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Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
87049 11/8/23	CHK	99999	ELIZABETH MAYA	Credit Balance Refund	89.64 VOID
87423 1/18/24	CHK	1751	AGRI NORTHWEST, INC.	Agricultural Rebate	32,935.00
87424 1/18/24	CHK	39	BENTON COUNTY	2023 General Election	15,432.57
87425 1/18/24	CHK	3344	BOYD'S TREE SERVICE, LLC	Tree Trimming Svc Tree Trimming Svc	8,580.78 4,788.85
Total for Check/Tran - 87425:					13,369.63
87426 1/18/24	CHK	243	FEDERAL EXPRESS CORP	Mailing Svc Mailing Svc	23.73 42.97
Total for Check/Tran - 87426:					66.70
87427 1/18/24	CHK	4251	FRUITSMART, INC.	Industrial Rebate	10,684.75
87428 1/18/24	CHK	310	MOON SECURITY SERVICES, INC.	Monitoring Svc Monitoring Svc Monitoring Svc Monitoring Svc Monitoring Svc Monitoring Svc Monitoring Svc	171.83 770.41 180.74 91.39 91.39 91.39 144.47
Total for Check/Tran - 87428:					1,541.62
87429 1/18/24	CHK	128	PERFECTION GLASS, INC.	REEP REEP REEP REEP	996.00 822.00 1,422.00 1,260.00
Total for Check/Tran - 87429:					4,500.00
87430 1/18/24	CHK	10671	PRINCIPAL BANK	Investment Safekeeping/custody Svc	750.00
87431 1/18/24	CHK	3054	PROFESSIONAL CREDIT SERVICE (PCS)	Collection Svc	33.51
87432 1/18/24	CHK	10230	SMG-TRI CITIES, LLC	Advertising	3,320.00

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Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				Advertising	8,000.00
Total for Check/Tran - 87432:					11,320.00
87433 1/18/24	CHK	193	UNITED PARCEL SERVICE OF AMERIC	Mailing Svc	35.51
				Mailing Svc	35.51
Total for Check/Tran - 87433:					71.02
87434 1/18/24	CHK	100	WASTE MANAGEMENT OF WASHINGT	Monthly Billing	969.02
				Monthly Billing	297.47
Total for Check/Tran - 87434:					1,266.49
87435 1/18/24	CHK	10649	ZIPLY FIBER	Monthly Billing	107.43
87436 1/18/24	CHK	99999	IRVING ABARCA	Credit Balance Refund	11.37
87437 1/18/24	CHK	99999	JASPER AJIEL	Credit Balance Refund	66.29
87438 1/18/24	CHK	99999	SELENA BENAVIDEZ	Credit Balance Refund	387.69
87439 1/18/24	CHK	99999	DARYL L IDLER	Credit Balance Refund	646.06
87440 1/18/24	CHK	99999	LEXINGTON HOMES - DRH LLC	Credit Balance Refund	250.78
87441 1/18/24	CHK	99999	LEXINGTON HOMES - DRH LLC	Credit Balance Refund	176.14
87442 1/18/24	CHK	99999	ALEJANDRO J MARTINEZ	Credit Balance Refund	40.99
87443 1/18/24	CHK	99999	JOY ORJI	Credit Balance Refund	99.79
87444 1/18/24	CHK	99999	PREVENT HOMELESS PETS	District Claim	1,474.84
87445 1/18/24	CHK	99999	JERSEY STANSILL OWENS	Credit Balance Refund	70.50
87446 1/18/24	CHK	99999	JUSTIN THOMPSON FINN	Credit Balance Refund	106.85
87447 1/24/24	CHK	258	APOLLO MECHANICAL CONTRACTOR	REEP	800.00
87448 1/24/24	CHK	2425	AT&T MOBILITY, LLC	Monthly billing	5.44
87449 1/24/24	CHK	39	BENTON COUNTY	GIS Prints	43.00

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01/15/2024 To 02/04/2024

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
87450 1/24/24	CHK	259	BENTON FRANKLIN COMMUNITY ACT	Helping Hands	2,804.01
87451 1/24/24	CHK	35	BENTON PUD - CUSTOMER ACCOUNT	Monthly Billing	281.90
87452 1/24/24	CHK	3344	BOYD'S TREE SERVICE, LLC	Tree Trimming Svc	4,962.70
				Tree Trimming Svc	8,577.83
Total for Check/Tran - 87452:					13,540.53
87453 1/24/24	CHK	10630	CAMPBELL TRAINING SOLUTIONS, LL	Empowered Prg	742.50
87454 1/24/24	CHK	233	INTERMOUNTAIN WEST INSULATION	REEP	1,993.76
87455 1/24/24	CHK	128	PERFECTION GLASS, INC.	REEP	234.00
				REEP	870.00
Total for Check/Tran - 87455:					1,104.00
87456 1/24/24	CHK	386	PROSSER ECONOMIC DEVELOPMENT	2024 Membership Dues	3,000.00
87457 1/24/24	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	146.75
				Fiber Lease	1,760.94
				Fiber Lease	146.75
				Fiber Lease	146.75
				Fiber Lease	146.75
				Fiber Lease	146.75
				Fiber Lease	146.75
				Fiber Lease	146.75

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01/15/2024 To 02/04/2024

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				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
				Fiber Lease	146.75
				Fiber Lease	293.49
				Fiber Lease	293.49
				800 MHZ Radios	11,956.50
				Fiber Lease	146.75
Total for Check/Tran - 87457:					19,880.83
87458	1/24/24	CHK 193	UNITED PARCEL SERVICE OF AMERIC	Mailing Svc	35.51
87459	1/24/24	CHK 992	VERIZON NORTHWEST	Monthly Billing	1,404.12
87460	1/24/24	CHK 178	WASHINGTON PUD ASSOCIATION	2024 Semi- Annual Dues	79,613.00
87461	1/24/24	CHK 99999	SANJUANITA ALTAMIRANO	Credit Balance Refund	538.45
87462	1/24/24	CHK 99999	FRANCISCO CHAVEZ MAGANA	Credit Balance Refund	13.79
87463	1/24/24	CHK 99999	GUADALUPE CHAVEZ	Credit Balance Refund	29.17
87464	1/24/24	CHK 99999	ADAN DE LA OZELAYA	Credit Balance Refund	76.31
87465	1/24/24	CHK 99999	RACHEL L GRAY	Credit Balance Refund	54.67
87466	1/24/24	CHK 99999	CRISTINA JAUREQUI	Credit Balance Refund	54.65
87467	1/24/24	CHK 99999	KAPITULA HOMES	Credit Balance Refund	796.80

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Accounts Payable Check Register

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01/15/2024 To 02/04/2024

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
87468 1/24/24	CHK	99999	LEXINGTON HOMES - DRH LLC	Credit Balance Refund	636.50
87469 1/24/24	CHK	99999	KEVIN MADRIGAL	Credit Balance Refund	102.52
87470 1/24/24	CHK	99999	CHRISTINA MCGEE	Credit Balance Refund	141.16
87471 1/24/24	CHK	99999	LINDA RODRIGUEZ	District Claim	2,409.41
87472 1/31/24	CHK	39	BENTON COUNTY	Easement - 667535 Easement - 699016 QC - 699016	305.50 305.50 304.50
Total for Check/Tran - 87472:					915.50
87473 1/31/24	CHK	259	BENTON FRANKLIN COMMUNITY ACT	Helping Hands/Senior Disabled Prgm LIEEP WX Prgm	2,870.00 45.00
Total for Check/Tran - 87473:					2,915.00
87474 1/31/24	CHK	35	BENTON PUD - CUSTOMER ACCOUNT	Monthly Billing	363.42
87475 1/31/24	CHK	37	BENTON PUD - REVOLVING FUND-OPE	Meal Reimburse-Patrick/Wales - TO 264585	43.23
87476 1/31/24	CHK	3344	BOYD'S TREE SERVICE, LLC	Tree Trimming Svc Tree Trimming Svc	6,616.94 9,427.76
Total for Check/Tran - 87476:					16,044.70
87477 1/31/24	CHK	11021	BRUCE MECHANICAL INC.	REEP	400.00
87478 1/31/24	CHK	243	FEDERAL EXPRESS CORP	Mailing Svc	47.18
87479 1/31/24	CHK	10828	GRAYBEAL GROUP, INC.	Annual Insurance Premium	1,128.00
87480 1/31/24	CHK	1393	MEIER ENTERPRISES, INC.	Professional Svc	16,038.50
87481 1/31/24	CHK	379	PURMS JOINT SELF INSURANCE FUND	AEGIS Policy	33,969.35
87482 1/31/24	CHK	141	RICHLAND, CITY OF	Microwave Billing	33,512.00
87483 1/31/24	CHK	1163	TYNDALE ENTERPRISES, INC.	Clothing-Clark/Garner/Niebuhr	1,872.29

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01/15/2024 To 02/04/2024

Bank Account: 2 - BPUD Accounts Payable Warrants

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
87484 1/31/24	CHK	193	UNITED PARCEL SERVICE OF AMERIC	Mailing Svc	35.74
87485 1/31/24	CHK	172	WASH STATE DEPT TRANSPORTATION	Permit- Carma Backbone	263.38
87486 1/31/24	CHK	99999	OLIVERA G ALYXANDRA	Credit Balance Refund	36.00
87487 1/31/24	CHK	99999	CHRISTOPHER CHARON	Reimbursement	40.00
87488 1/31/24	CHK	99999	GUICH SIMON CHUOL GUICH	Credit Balance Refund	46.01
87489 1/31/24	CHK	99999	WILSON CRUZ OSORTO	Credit Balance Refund	69.83
87490 1/31/24	CHK	99999	ANA E FELIX LOPEZ	Credit Balance Refund	122.09
87491 1/31/24	CHK	99999	JAMES W GUILLIAM SR	Credit Balance Refund	322.63
87492 1/31/24	CHK	99999	KABAB N GRILL HOUSE LLC	Credit Balance Refund	584.63
87493 1/31/24	CHK	99999	EVA LOPEZ	Credit Balance Refund	105.90
87494 1/31/24	CHK	99999	MANNY'S COFFEE HOUSE LLC	Credit Balance Refund	55.09
87495 1/31/24	CHK	99999	OSCAR RAMOS	Credit Balance Refund	31.33
87496 1/31/24	CHK	99999	ERIKA TRINIDAD	Credit Balance Refund	174.19
87497 1/31/24	CHK	99999	ISIDRO VALDEZ	Credit Balance Refund	57.76

Total Payments for Bank Account - 2 :	(75)	334,705.80
Total Voids for Bank Account - 2 :	(1)	89.64
Total for Bank Account - 2 :	(76)	334,795.44
Grand Total for Payments :	(179)	2,990,669.75
Grand Total for Voids :	(1)	89.64
Grand Total :	(180)	2,990,759.39

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Accounts Payable Check Register

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
6853 1/16/24	WIRE	436	BANK OF AMERICA	Banking Fees	1,552.01
6855 1/18/24	WIRE	2205	UNITED STATES TREASURY	Federal Income Tax	72,866.28
				Medicare - Employee	9,932.68
				Medicare - Employer	9,932.68
				Social Security - Employee	42,470.73
				Social Security - Employer	42,470.73
Total for Check/Tran - 6855:					177,673.10
6856 1/18/24	WIRE	171	WASH STATE DEPT RETIREMENT SYS	ER PERS	64,881.11
				PERS Plan 2	40,300.42
				PERS Plan 3A 5% All Ages	1,140.49
				PERS Plan 3B 5% Up to Age 35	117.20
				PERS Plan 3B 6% Age 35-45	133.65
				PERS Plan 3E 10% All Ages	1,412.17
				PERS Plan 3F 15% All Ages	473.53
Total for Check/Tran - 6856:					108,458.57
6857 1/18/24	WIRE	437	WASH STATE DEPT SUPPORT REGIST	Garnishment - Child Support	301.98
6858 1/19/24	WIRE	2902	WHITE CREEK WIND I, LLC	Purchased Power	20,997.00
6859 1/19/24	WIRE	169	ENERGY NORTHWEST	Purchased Power	137,050.67
6860 1/19/24	WIRE	1567	ICMA RETIREMENT CORP	457(b) Leave EE Contribution	1,819.37
				457(b) Roth EE Contribution	13,120.21
				ER Def Comp 401	16,735.28
				ER Def Comp 457	2,597.48
				Plan A 457(b) Employee Contribution	5,180.01
				Plan B 457(b) Employee Contribution	20,969.66
				Plan C 401(a) Option 1 EE Contribution	3,380.14
				Plan C 401(a) Option 2 EE Contribution	1,790.53
				Plan C 401(a) Option 3 EE Contribution	538.13
				Plan C 401(a) Option 4, Step 2 EE Contri	1,308.59

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				Plan C 401(a) Option 4, Step 3 EE Contri	1,410.32
				Plan C 401(a) Option 4, Step 4 EE Contri	1,540.20
				Plan C 401(a) Option 5, Step 4 EE Contri	1,278.60
				Plan C 457(b) Employee Contribution	7,682.37
				457 EE Loan Repayment #1	2,632.28
				Total for Check/Tran - 6860:	81,983.17
6861 1/4/24	WIRE	10084	CITI MERCHANT SERVICES	Merchant Fees	37,049.52
6863 1/16/24	WIRE	2570	THE ENERGY AUTHORITY, INC.	Purchased Power	31,835.00
6864 1/22/24	WIRE	1680	MORGAN STANLEY	Purchased Power	93,750.00
6866 1/26/24	WIRE	424	WASH STATE DEPT REVENUE-EXCISE	Utility Tax	440,908.66
				Use Tax	1,204.21
				Retailing & Wholesaling Tax	907.39
				Service Tax	4,126.00
				Total for Check/Tran - 6866:	447,146.26
6869 1/30/24	WIRE	2800	LL&P WIND ENERGY, INC.	Purchased Power	30,643.22
6870 1/31/24	WIRE	246	BONNEVILLE POWER ADMIN	Purchased Power	3,717,943.00
6871 2/1/24	WIRE	2205	UNITED STATES TREASURY	Federal Income Tax	16,918.71
				Medicare - Employee	1,190.81
				Medicare - Employer	1,190.81
				Social Security - Employee	5,091.85
				Social Security - Employer	5,091.85
				Federal Income Tax	68,961.99
				Medicare - Employee	9,684.90
				Medicare - Employer	9,684.90
				Social Security - Employee	41,411.22
				Social Security - Employer	41,411.22
				Total for Check/Tran - 6871:	200,638.26

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Accounts Payable Check Register

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
6872 2/1/24	WIRE	171	WASH STATE DEPT RETIREMENT SYS	ER PERS	61,412.67
				PERS Plan 2	38,177.95
				PERS Plan 3A 5% All Ages	1,170.43
				PERS Plan 3B 5% Up to Age 35	117.20
				PERS Plan 3B 6% Age 35-45	132.82
				PERS Plan 3E 10% All Ages	1,300.87
				PERS Plan 3F 15% All Ages	473.53
Total for Check/Tran - 6872:					102,785.47
6873 2/1/24	WIRE	437	WASH STATE DEPT SUPPORT REGIST	Garnishment - Child Support	301.98
6874 2/1/24	WIRE	199	WASH STATE DEPT REVENUE-LEASEH	4th Qtr Leasehold Excise Tax	33,053.49
6875 2/1/24	WIRE	925	KLICKITAT COUNTY PUD	TX White Crk/Rock Crk	4,032.51
6876 2/2/24	WIRE	1567	ICMA RETIREMENT CORP	457(b) Leave EE Contribution	1,819.37
				457(b) Roth EE Contribution	13,413.22
				ER Def Comp 401	16,698.98
				ER Def Comp 457	2,582.99
				Plan A 457(b) Employee Contribution	5,180.01
				Plan B 457(b) Employee Contribution	20,982.64
				Plan C 401(a) Option 1 EE Contribution	3,380.14
				Plan C 401(a) Option 2 EE Contribution	1,790.53
				Plan C 401(a) Option 3 EE Contribution	538.13
				Plan C 401(a) Option 4, Step 2 EE Contri	1,288.66
				Plan C 401(a) Option 4, Step 3 EE Contri	1,410.32
				Plan C 401(a) Option 4, Step 4 EE Contri	1,540.20
				Plan C 401(a) Option 5, Step 4 EE Contri	1,407.40
				Plan C 457(b) Employee Contribution	8,067.37
				457 EE Loan Repayment #1	2,632.28
Total for Check/Tran - 6876:					82,732.24
6877 2/2/24	WIRE	171	WASH STATE DEPT RETIREMENT SYS	ER PERS	7,826.64

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Bank Account: 1 - Benton PUD ACH/Wire

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
				PERS Plan 2	5,223.26
Total for Check/Tran - 6877:					13,049.90
Total for Bank Account - 1 :					(20) 5,322,977.35
Grand Total :					(20) 5,322,977.35



BENTON PUD - RESIDENTIAL CONSERVATION REBATE DETAIL


<u>Date</u>	<u>Customer</u>	<u>Rebate Amount</u>	<u>Rebate Description</u>
01/15/2024	JORDAN J CROMER	\$ 30.00	Rebate - Clothes Washer
01/22/2024	RICHARD E CARPENTER	\$ 30.00	Rebate - Clothes Washer
01/25/2024	ALEX RIETMANN	\$ 30.00	Rebate - Clothes Washer
01/15/2024	JORDAN J CROMER	\$ 50.00	Rebate - Clothes Dryer
01/25/2024	ALEX RIETMANN	\$ 50.00	Rebate - Clothes Dryer
01/25/2024	DENNIS D HAMMER	\$ 50.00	Rebate - Clothes Dryer
01/15/2024	VICENTE FERNANDEZ	\$ 100.00	Rebate - Smart Thermostat
01/15/2024	DIANNE ANDREWS	\$ 100.00	Rebate - Smart Thermostat
01/15/2024	GRISELDA PONCE	\$ 89.99	Rebate - Smart Thermostat
01/25/2024	BRENDAN BURKE	\$ 250.00	Rebate - Electric Vehicle
01/25/2024	KELLEY WELSH	\$ 250.00	Rebate - Electric Vehicle
01/15/2024	SAMANTHA LEAHY	\$ 20.00	Rebate - Electric Vehicle Charger
01/25/2024	BRENDAN BURKE	\$ 20.00	Rebate - Electric Vehicle Charger

\$ 1,069.99



<input type="checkbox"/>	Business Agenda
<input type="checkbox"/>	Second Reading
<input checked="" type="checkbox"/>	Consent Agenda
<input type="checkbox"/>	Info Only/Possible Action
<input type="checkbox"/>	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Change Order #1 – Sealx, LLC - Contract #22-38-07 (State Contract #05919)	
Agenda Item No:	6e	
Meeting Date:	February 13, 2024	
Authored by:	John Schafer	<i>Staff Preparing Item</i>
Presented by:	John Schafer	<i>Staff Presenting Item</i>
Approved by (dept):	Steve Hunter	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst. GM</i>

Motion for Commission Consideration

Motion to authorize the General Manager on behalf of the District to sign Change Order #1 of Contract #22-38-07 (State Contract #05919) with Sealx, LLC, to extend the term of the contract to March 31, 2024, and increase the not-to-exceed amount by \$27,639.08; bringing the new not-to-exceed amount to \$135,195.40.

Background/Summary

The District awarded the contract for Janitorial services to Sealx, LLC utilizing State contract #05919 pricing. This contract was awarded for one year that ended December 31, 2023. The State contract for this service will end March 31, 2024. A new contract is being negotiated and may not include current contractor. The cost for one year was \$107,556.32.

Recommendation

I recommend that the District extend the current contract to March 31, 2024. By extending the contract the District will have Janitorial service with Sealx, LLC until a new contract is available.

Fiscal Impact

The breakdown for adding money through March of 2024 is below.


Operations Center line 1	\$ 12,700.59
Prosser Facility line 2	\$ 4,960.26
Administration Building	<u>\$ 7,978.23</u>
Total for extension	\$ 27,639.08

This is a budgeted item in Department 38.



<input type="checkbox"/>	Business Agenda
<input type="checkbox"/>	Second Reading
<input checked="" type="checkbox"/>	Consent Agenda
<input type="checkbox"/>	Info Only/Possible Action
<input type="checkbox"/>	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Contract Award, 4/0 Underground 175Mil Cable, Bid Package #24-21-01	
Agenda Item No:	6f	
Meeting Date:	February 13, 2024	
Authored by:	Sophia VanFosson	<i>Staff Preparing Item</i>
Presented by:	Evan Edwards	<i>Staff Presenting Item</i>
Approved by (dept):	Steve Hunter	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst. GM</i>

Motion for Commission Consideration

Motion to award Contract #24-21-01 for 4/0 Underground 175Mil Cable to Anixter Inc. for the total amount of \$129,320.10 plus Washington State sales tax in accordance with RCW 54.04.080.

Background/Summary

Bids were opened on Wednesday, January 31, 2024 at 3:00PM for the purchase of 23,400 ft of 4/0 underground 175Mil EPR cable. The District received the following bids:

Vendor Manufacturer	Unit Pricing (\$/1000')	Total Price for Bid	Delivery	Engineer's Estimate (\$/1000')
MVA Power Inc.	\$4,940.00	\$115,596.00	12 WKS	\$6,638.95
Wesco/Anixter (Okonite)	\$5,526.50	\$129,320.10	55 WKS	

MVA Power Inc. is not approved under the District’s Materials Management program at this time, leaving the only qualified bidder as Okonite. Anixter Inc. is recommended for all line items as they can meet required reel lengths, with no exceptions to the District’s specification, and firm pricing.

Recommendation

Placing this order for 4/0 primary underground distribution cable ensures that the District will have inventory on hand for forecasted needs in 2025.

Fiscal Impact

Primary underground distribution cable costs included in this recommendation are \$129,320.10 plus sales tax. These costs will be accounted for during the 2025 budget preparation cycle in Mid-2024.



CONTRACT
Contract #24-21-01

This agreement is made and entered into on the 13th day of February 2024, by and between:

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, hereinafter referred to as "the District"
AND ANIXTER INC., 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 4/0 Underground 175Mil Cable per specifications in Bid Pkg. #24-21-01.

2. DELIVERY & ACCEPTANCE:

The Contractor shall deliver the Underground 4/0 175Mil Cable (23,400 of #4/0) F.O.B. destination to Benton PUD by 55 weeks; 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. TEMPORARY PRICING AND DELIVERY REVISIONS

Under certain extreme market conditions, the District may consider temporary revisions to the awarded Quoted Unit Price(s) and/or delivery requirements, provided the Vendor provides the following:

- A. 14 calendar days' written notice to Benton PUD Procurement Department cp@bentonpud.org of any proposed revisions to the affected Unit Price(s).
- B. The specific reasoning and justification for any such revisions.
- C. Upon request by the District, any market-based evidence, related pricing indexes or other resources to support the District in validating the proposed revisions. Such requests may be made by the District periodically so that the District can determine that the revisions are continually justified.



Price increases solely to increase profit or margin shall not be considered. Any temporary revisions to pricing and/or delivery requirements that the District may choose to agree to shall be authorized by a Change Order. In the event a temporary revision to the awarded Quoted Unit Price(s) is authorized by Change Order, such revised pricing shall not be eligible for any further increase for a period of not less than six months from the date Change Order is fully executed.

4. 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 the sum of One Hundred Twenty-Nine Thousand Three Hundred Twenty and Ten Cents (\$129,320.10), plus applicable Washington State Sales Tax.

5. GUARANTEE:

The Contractor guarantees the 4/0 Underground 175Mil Cable against all defects in workmanship, materials, and in design as stated on the warranty provided by Anixter.

6. 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**

ANIXTER INC.

BY: _____

BY: _____

PRINT: Rick Dunn

PRINT: _____

TITLE: General Manager

TITLE: _____

DATE: 02/13/2024

DATE: _____

UBI NO. _____



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 February 13, 2024, with, **ANIXTER INC.** hereinafter designated as the "Contractor", providing Contract #24-21-01 for 4/0 Underground 175Mil Cable, 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 **One Hundred Twenty-Nine Thousand Three Hundred Twenty and Ten Cents (\$129,320.10), plus applicable 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 _____, 2024.

Surety

Title


Contractor

Title



<input type="checkbox"/>	Business Agenda
<input type="checkbox"/>	Second Reading
<input checked="" type="checkbox"/>	Consent Agenda
<input type="checkbox"/>	Info Only/Possible Action
<input type="checkbox"/>	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Contract Award, Padmount Switchgear, Bid Package #24-21-03	
Agenda Item No:	6g	
Meeting Date:	February 13, 2024	
Authored by:	Sophia VanFosson	<i>Staff Preparing Item</i>
Presented by:	Evan Edwards	<i>Staff Presenting Item</i>
Approved by (dept):	Steve Hunter	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst. GM</i>

Motion for Commission Consideration

Motion authorizing the General Manager on behalf of the District to sign Contract #24-21-03 for Padmount Switchgear to Anixter Inc. for the total amount of \$124,357.88 plus Washington State sales tax in accordance with RCW 54.04.080.

Background/Summary

Bids were opened on Thursday, February 1, 2024, at 3:00PM for the purchase of PME9 - Padmount Switchgear. The District received a single bid as follows:

Vendor Manufacturer	Pricing Per Unit	Total Price for Bid	Delivery	Engineer's Estimate Per Unit
Anixter Inc. S&C Electric	\$31,089.47.00	\$124,357.88	65-67 WKS	\$39,295.50

Anixter Inc. is recommended as they have no exceptions to the District’s specification and firm pricing.

Recommendation

By acquiring these padmount switchgear, it will replenish the District’s warehouse inventory for system growth and aging inventory replacement.

Fiscal Impact

These pieces of equipment are inventory items and are accounted for during the annual capital budgeting process.



CONTRACT
Contract # 24-21-03

This agreement is made and entered into on the 13th day of February 2024, by and between:

PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY, hereinafter referred to as "the District",

AND

ANIXTER INC., 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 PME9 Padmount Switchgear per specifications in Bid Pkg. #24-21-03.
2. DELIVERY & ACCEPTANCE:

The Contractor shall deliver the PME9 Padmount Switchgear F.O.B. destination to Benton PUD by June 5, 2025; 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 twenty-four thousand, three hundred fifty-seven dollars and eighty-eight cents (\$124,357.88), plus applicable Washington State Sales Tax.

4. GUARANTEE:

The Contractor guarantees the padmount switchgear against all defects in workmanship, materials, and in design as stated on the warranty provided by Anixter Inc.

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**

ANIXTER INC.

BY: _____

BY: _____

PRINT: _____

PRINT: _____

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____

UBI NO. _____

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 February 13, 2024, With, **ANIXTER INC.** hereinafter designated as the "Contractor", providing for Padmount Switchgear, 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

(\$124,357.88)

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



X	Business Agenda
	Second Reading
	Consent Agenda
	Info Only/Possible Action
	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Cancellation of February 27, 2024 Regular Commission Meeting	
Agenda Item No:	8a	
Meeting Date:	February 13, 2024	
Authored by:	Cami McKenzie	<i>Staff Preparing Item</i>
Presented by:	Melina Conover	<i>Staff Presenting Item</i>
Approved by (dept):	Melina Conover	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

Motion cancelling the District’s regular Commission meeting scheduled for 9:00 a.m. on February 27, 2024, and directing the General Manager to provide notification to the public of such cancellation.

Background/Summary

Both Commissioner Hall and Commissioner Sanders will be attending the WPUDA/APPA Legislative Rally in Washington D.C. during the week of February 26, 2024 and will not be physically present for the regularly scheduled meeting on February 27, 2024. The Clerk of the Board has confirmed there are no agenda items that need to come before the Commission on February 27, 2024 and virtual attendance by the Commission members is not required.

Benton PUD’s regular Commission meetings are scheduled every second and fourth Tuesday of the month. Cancellation of a regular Commission meeting requires notification to the public. In the event action is required prior to the next regularly scheduled Commission meeting in March, 2024, a special meeting of the Commission can be called by the President of the Commission.

Recommendation

Approve the motion cancelling the District’s regular Commission meeting scheduled for 9:00 a.m. on February 27, 2024. The next regularly scheduled Commission meeting will be March 12, 2024.


Fiscal Impact

None.



<input checked="" type="checkbox"/>	<i>Business Agenda</i>
<input type="checkbox"/>	<i>Second Reading</i>
<input type="checkbox"/>	<i>Consent Agenda</i>
<input type="checkbox"/>	<i>Info Only/Possible Action</i>
<input type="checkbox"/>	<i>Info Only</i>

COMMISSION MEETING AGENDA ITEM

Subject:	Resolution 2659 – Amending the Line Extension and Facilities Construction Policy	
Agenda Item No:	8b	
Meeting Date:	February 13, 2024	
Authored by:	Evan Edwards/Anna Hightower	<i>Staff Preparing Item</i>
Presented by:	Evan Edwards	<i>Staff Presenting Item</i>
Approved by (dept):	Steve Hunter	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst. GM</i>

Motion for Commission Consideration

Motion adopting Resolution No. 2659, Amending the District’s Line Extension and Facilities Construction Policy.

Background/Summary

Staff is recommending additions to the Districts Line Extension and Facilities Construction (LEFC) Policy to: 1) update time frames for re-estimating customer fees; 2) clarify Residential Line Extension Credit (LEC) by also identifying customer responsibilities; 3) update to other fees section for quit claims, and customer requested after hours labor fees.

Recommendation

Approval of the recommended resolution further clarifies customer obligation in the Residential LEC, updates when the district can re-estimate fees to ensure customer contributions in aid to construction requirements are up to date, ensuring fees are updated to reflect changes in labor.

Fiscal Impact

The proposed updates to the Districts Line Extension and Facilities Construction (LEFC) Policy and Line Extension Credit (LEC) in Resolution 2659 will have no fiscal impact.

RESOLUTION NO. ~~2615~~2659XXXX

~~October 11, 2022~~February 13, 2024

**A RESOLUTION OF THE COMMISSION OF PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY,
AMENDING LINE EXTENSION AND FACILITIES CONSTRUCTION POLICY**

WHEREAS, The Line Extension and Facilities Construction Policy was approved by the Commission through Resolution No. ~~2615~~2552 on ~~October 11, 2022~~September 22, 2020; AND

WHEREAS, The Public Utility District No. 1 of Benton County (“the District”) periodically reviews and revises its policies; AND

WHEREAS, The District has identified a need to update the New Construction residential line extension credit language to clarify customer responsibilities, update~~include~~ Travel Time cost~~under the Fee Collection section~~ time frames for which estimates are valid, and when estimates will be recalculated, ~~to~~ and update under the Other Fees section language clarifying quit claim recording fees and updated pre-approved after hours labor fees~~from work sites, on work orders in order to capture all costs associated with construction.~~

~~WHEREAS, The District has separated the Service Area into seven regions to establish Travel Time costs to each region. Each region being established and maintained within the District’s GIS system.~~

~~WHEREAS, The District is incorporating Travel time costs into the Line Extension and Facilities Construction Policy and including costs as part of Line Extension Credit (LEC). Travel Time will not be included in customer’s contribution-in-aid-to-construction (CIAC).~~

NOW THEREFORE BE IT RESOLVED By the Commission of Public Utility District No. 1 of Benton County that the LINE EXTENSION AND FACILITIES CONSTRUCTION POLICY, be approved and adopted as attached, ~~amending Section 1.~~

BE IT FURTHER RESOLVED That this resolution be effective ~~October 11, 2022~~February 13, 2024.

This Resolution supersedes Resolution No. ~~2552~~2615 and replaces all other Resolutions pertaining to the same policy elements and fee schedules herein.

APPROVED AND ADOPTED By the Commission of Public Utility District No. 1 of Benton County at an open meeting, with notice of such meeting being given as required by law, this ___ day of ~~October 2022~~February 2024.

Barry Bush~~Jeff Hall~~, President

ATTEST:

Lori Kays-Sanders~~Barry Bush~~, Secretary

LINE EXTENSION AND FACILITIES CONSTRUCTION POLICY

- 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 ~~the~~ self-contained meter base, current transformer cabinet and interior and underground service conduit with trench, ~~and crew travel time~~ in order to furnish a new residential electrical service. ~~Specifically, the~~ District will install ~~the following~~ facilities at no cost to a new single-phase, 200-amp thru 600-amp residential customer:

~~A. Service transformer~~ A. Service Transformer

~~B. Service conductors~~ B. Service Conductors

~~C. Pre-wired CT meter base~~ C. Pre-wired CT meter base

~~D. Any required clearance pole for overhead services~~ D. Any required clearance pole for overhead services

~~E. Revenue meter~~ 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 36 months from the date of the estimate. If the fees have not been paid within 36 months, they will be re-calculated. If the fees are paid within 36 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's 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 Director 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.

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.*

4.3.

5.4. 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.

6.5. 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.

7.6. POINT OF DELIVERY: 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.

8.7. 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.

9.8. 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.

10.9. 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.

11.10. 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. CONVERSION OF OVERHEAD TO UNDERGROUND SERVICE: 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. ALTERING SERVICES: 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 ~~with the exception of~~ except for large general-service and industrial which are handled on a case-by-case basis. For -aAny change of service earlier than 7 years either of the recovery periods described previously, the District reserves the right to charge customer.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~~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.

A.

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

B.

C. The customer may be assessed a charge of \$75 per hour to make corrections if the design is modified ~~within 6 months of initial design.~~

D. When a customer requests the District relinquish or relocate an easement for a customer's convenience, ~~and the work is not associated with a current District construction project,~~ the District will charge the customer \$200 to help offset the cost of the estimated 5-6 hours of staff time ~~and~~ 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) \$~~420~~ 450, each additional hour is; \$~~210~~ 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



- Business Agenda
- Second Reading
- Consent Agenda
- Info Only/Possible Action
- Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Financial Forecast	
Agenda Item No:	8c	
Meeting Date:	February 13, 2024	
Prepared by:	Keith Mercer	<i>Staff Preparing Item</i>
Presented by:	Jon Meyer	<i>Staff Presenting Item</i>
Approved by (dept):	Jon Meyer	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

None

Recommendation/Background

None

Summary

Staff will present information on the current financial forecast.


Fiscal Impact

None



X	Business Agenda
	Second Reading
	Consent Agenda
	Info Only/Possible Action
	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Motion to change balances in the Designated Power Market Volatility Account, Special Capital Account, Undesignated Reserves, and Bond Reserve Account	
Agenda Item No:	8d	
Meeting Date:	February 13, 2024	
Authored by:	Keith Mercer	<i>Staff Preparing Item</i>
Presented by:	Jon Meyer / Keith Mercer	<i>Staff Presenting Item</i>
Approved by (dept):	Jon Meyer	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

Motion to set the unrestricted reserves fund account balances to the following:

- Designated Special Capital Fund \$10,766,308.29
- Power Market Volatility \$5,000,000.00
- Undesignated Reserves \$0.00.

and set the restricted reserves fund account balances to the following by transferring the funds to the unrestricted reserves:

- Bond Reserve Account \$0.00

Background/Summary

As part of the Financial Forecast presentation, staff will cover this recommendation related to reserve account balances. The following pages start with a table of staff’s recommendation for account balances and is followed by a history of the various accounts and rationale for updating the account balances.

Table of Staff's Recommendation

Account Name	Balance as of 1/31/2024	Balance as of 1/31/2024 after proposed transfer recommendation	Change
Unrestricted Reserves			
Minimum Operation Reserves (90 DCOH)	\$31,468,770.00	\$31,468,770.00	\$0.00
Customer Deposits Account	1,900,000.00	1,900,000.00	0.00
Power Market Volatility	8,500,000.00	5,000,000.00	(\$3,500,000.00)
Special Capital	6,421,396.78	10,766,308.29	\$4,344,911.51
Undesignated Reserves	736,711.51	0.00	(\$736,711.51)
Unrestricted Reserves Total	\$49,026,878.29	\$49,135,078.29	\$108,200.00
Restricted Reserves			
Bond Reserve Account	\$108,200.00	\$0.00	(\$108,200.00)
Construction Account	1,353,014.95	1,353,014.95	0.00
Bond Redemption Accounts	17,343,290.74	17,343,290.74	0.00
Restricted Reserves Total	18,804,505.69	18,696,305.69	(108,200.00)
Total Reserves	\$67,831,383.98	\$67,831,383.98	\$0.00

Power Market Volatility Account

The District's financial policies establishes a minimum operating reserve equal to 90 Days Cash on Hand (DCOH) plus designated funds. One of these funds is the Power Market Volatility Account (PMVA). It was created due to high variability in Federal Columbia Power System streamflows as well as volatility in wholesale markets. This allowed the District to set aside funds to mitigate or "buy down" future rate actions after experiencing a bad year for power costs as a Slice/Block customer with Bonneville Power Administration (BPA). The District has converted its wholesale power contract with BPA from a Slice/Block contract to a Load Following contract effective October 1, 2023. The conversion to a Load Following contract removes immediate exposure for the District to volatility in wholesale power markets as BPA sets rates for two-year periods. As a result, wholesale power costs are more predictable under a Load Following contract in the short term but there could be significant changes between BPA rate periods as BPA still has exposure to volatility in wholesale power markets which is ultimately reflected in rates charged to utilities. In addition, the District's retail load is above its Tier 1 allocation from BPA (currently by about 10 aMW) and the District has elected to serve this load in the current contract with BPA's Tier 2 product. Tier 2 rates are set using forward market prices which could increase significantly in the future. A doubling of Tier 2 rates from current levels would result in about an additional annual net power cost of \$5 million. As a result of these changes, staff recommends transferring \$3.5 million from the PMVA to the undesignated reserve balance. This would leave the balance in the PMVA at \$5 million, which is approximately the amount of revenue a 3% rate increase would generate in a year.

Special Capital Account

The Special Capital Account allows for funds to be designated for future capital expenditures. One use is to designate funds from periodic bond issues for capital expenditures that may occur over several years. The account was initially funded in 2015 with \$6.7 million and then increased to \$16.9 million following the 2016 bond issue. It was slowly reduced over the next several years until the balance was zero at the end of 2019 and then subsequently rebuilt following the 2020 bond issue. The Special Capital Account balance currently sits at \$6.4 million.

Bond Reserve Account

The District's debt issuances are subject to certain bond reserve requirements that are satisfied by bond insurance and a bond reserve fund. As part of the 2020 Bond Issue, the District was able to extend the existing Surety Policy, which was scheduled to expire in 2021. Extending the Surety Policy accomplished two things. First, the \$2,612,152.17 the District set aside for the Bond Insurance Replacement Account was no longer needed and transferred back to undesignated reserves in 2020. Second, the Surety Policy will eliminate the need to retain funds in the Bond Reserve Account after the 2023 debt service payment. The balance of the Bond Reserve Account is \$108,200 and can be transferred to the undesignated reserves.

Summary of Account Balances

In 2023, the District issued bonds for capital and is currently following IRS guidelines to reimburse capital expenditures each month to move funds from the restricted Construction Account. These funds have been transferred to the unrestricted undesignated reserve account which now has a balance of \$0.7 million. There is currently a balance in the restricted Construction Account of \$17.3 million that will continue to be transferred each month and expect to be fully transferred in 2024. Overall, the amount left to transfer from the Construction Account will cover the majority of capital spending in 2024.

After completing the recommended transfer of the PMVA (\$3.5 million) and Bond Reserve Account (\$0.1 million), a surplus of \$4.3 million of undesignated reserves remain. Staff recommends transferring the \$4.3 million from the undesignated reserves to the Special Capital Account to bring the undesignated reserve balance to zero. This will result in a remaining balance of \$10.8 million in the Special Capital Account for future capital.

Recommendation

Staff recommends approving the above motion based on the information in the Background/Summary section. Staff will continue to monitor the restricted and unrestricted reserve fund balances. As the District reimburses itself for capital from unspent bond proceeds in the Construction Account, those funds will be transferred to undesignated reserves. Staff will make recommendations in the future where to redistribute those undesignated reserves.


Fiscal Impact

N/A – Designated reserves are included in the Unrestricted Reserve balance, and the designation may be removed at the direction of the Commission.



X	<i>Business Agenda</i>
	<i>Second Reading</i>
	<i>Consent Agenda</i>
	<i>Info Only/Possible Action</i>
	<i>Info Only</i>

COMMISSION MEETING AGENDA ITEM

Subject:	Resolution No. 2657 Updating the Financial Policies of the District	
Agenda Item No:	8e	
Meeting Date:	February 13, 2024	
Authored by:	Keith Mercer	<i>Staff Preparing Item</i>
Presented by:	Jon Meyer / Keith Mercer	<i>Staff Presenting Item</i>
Approved by (dept):	Jon Meyer	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

Motion to adopt Resolution No. 2657 modifying the Financial Policies of the District.

Background/Summary

Staff periodically reviews the District’s Financial Polices as part of the District’s Governance Policy and incorporates updates based on the District’s current operating environment. The Financial Policies were last updated March 2015.

The following is a list of proposed revisions to the Financial Policies as a result of the District converting its wholesale power contract with Bonneville Power Administration (BPA) from a Slice/Block contract to a Load Following contract effective October 1, 2023 as well as other general edits:

- Removed references to the Slice/Block contract under the Power Market Volatility Account section and updated it with the District’s current exposure under a Load Following contract
- Removed reference to the Bond Insurance Replacement Account as the FSA bond insurance policy was extended during the 2020 bond issue and new bond issues don’t have a reserve requirement, therefore this replacement account is no longer needed
- Clarified that the District will develop plans, including a timeline, within three months to restore reserves to the 90 day level if reserves fall below 90 days cash on hand
- Made the requirement for maintaining a line of credit and the amount of the line of credit optional since the District doesn’t need it for counterparty transactions because of the switch to Load Follow and staff will evaluate if a line of credit is necessary to maintain its credit rating
- Removed references of the 1.75x debt service coverage metric that removes capital contributions from the equation as it is no longer relevant

- Updated various other sections based on current District practices (i.e. Section 7. Enterprise Risk Management, Section 12. Develop a set of integrated plans, Section 14. Provide financial reports, Section 15. Evaluate capital investments, and etc.)

Recommendation

Staff recommends updating its financial policies to reflect contract changes associated with power supply as well as other general edits.

Fiscal Impact

None at this time.

RESOLUTION NO. 2657

February 13, 2024

**A RESOLUTION OF THE COMMISSION OF
PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY
UPDATING FINANCIAL POLICIES OF THE DISTRICT**

WHEREAS, Public Utility District No. 1 of Benton County (the “District”) recognizes the importance of financial policies in providing management and staff guidance in managing the finances of the District and in developing financial plans and rates for current and future years; AND

WHEREAS, The District finds it is desirable to periodically review the financial policies and incorporate updates based on the District’s current operating environment; AND

WHEREAS, The District has converted its wholesale power contract with the Bonneville Power Administration (BPA) from a Slice/Block contract to a Load Following contract effective October 1, 2023; AND

WHEREAS, Conversion to a Load Following contract removes immediate exposure for the District to volatility in wholesale power markets as BPA sets rates for two-year periods; AND

WHEREAS, As a result, wholesale power costs are more predictable under a Load Following contract in the short term; AND

WHEREAS, However, BPA is subject to immediate exposure to volatility in wholesale power markets which is ultimately reflected in rates charged to utilities and influences certain components of rates which are intended to be market based; AND

WHEREAS, the current contract with BPA will expire in September 2028 and BPA is actively developing a policy framework for the next contract which is intended to start October 2028 and last until September 2044; AND

WHEREAS, Details regarding how rates will be structured will not be known until closer to the start of the contract, however BPA has indicated that future rates under this new contract will place an emphasis on reflecting capacity costs; AND

WHEREAS, This provides a level of uncertainty for what future wholesale power costs will be for the District; AND

WHEREAS, The District is exposed to business risks associated with meeting requirements for funding its capital improvement program, debt service, working capital and catastrophic losses; AND

WHEREAS, The District finds it prudent and necessary to have adequate liquidity for managing these risks; AND

WHEREAS, The District desires to achieve and maintain the median public power bond rating; AND

WHEREAS, The District wishes to update its financial policies to reflect contract changes associated with power supply as well as other general edits.

NOW, THEREFORE, BE IT RESOLVED By the Commission of Public Utility District No. 1 of Benton County that the attached set of financial policies be adopted for purposes of planning and managing the District's finances.

BE IT FURTHER RESOLVED That the General Manager is directed to develop subordinate directives and procedures that are consistent with the direction established by these policies.

BE IT FURTHER RESOLVED That the General Manager is authorized to disclose such policies in communications with rating agencies, creditors, and other District stakeholders.

ADOPTED By the Commission of Public Utility District No. 1 of Benton County at an open meeting, with notice of such meeting being given as required by law, this 13th day of February 2024.

This Resolution supersedes Resolution No. 2313 dated March 24, 2015.

Barry A. Bush, President

ATTEST:

Lori Kays-Sanders, Secretary



BENTON PUD FINANCIAL POLICIES
Resolution No. 2657
February 13, 2024

Definitions

1. **Cash or Funds:** Includes both cash and cash equivalents. Cash equivalents are assets that can be readily converted into cash such as bank accounts, bankers' acceptances, the state investment pool, and short term marketable securities. For purposes of this policy, cash or funds also include investments that are permitted in the District's Investment Policy.
2. **Total Unrestricted Reserves:** Accounts which have not been Restricted and for which funds can be spent for any legal purpose of the District. Total Unrestricted Reserves equals Minimum Operating Reserves plus Designated Reserves.
 - a) **Minimum Operating Reserves:** Accounts containing funds that provide funding for day-to-day operations, working capital, emergencies, and serve as a cushion for negative performance against budget.
 - b) **Designated Reserves:** Accounts containing funds which have been designated by the Commission for a specific purpose. Designated accounts include any account designation that reflects the Commission's self-imposed limitations on the use of otherwise available expendable financial resources within the Electric Fund. The District may designate the following accounts at the direction of the Commission:
 - i. **Power Market Volatility Account:** The District has entered into a load following contract with the Bonneville Power Administration (BPA) effective October 1, 2023. While the District will not see immediate impacts of volatility in wholesale power markets or variations in hydro output based on available water, BPA will see these impacts. Since BPA sets rates, typically in two-year rate periods, these impacts will be incorporated into BPA's rate setting process which means they will be known for a rate period and allows for additional time for planning retail rate adjustments. However, there could be significant changes between BPA rate periods and excess reserves could be used to mitigate or "buy down" future rate actions. There could also be variations in power costs to the District within a rate period as BPA rates include charges that could result in either excess costs or reduced costs in a given year based on retail loads. These charges include load shaping rates and demand charges. In addition, the District's retail load is above its Tier 1 allocation from BPA (currently by about 10 aMW) and the District has elected to serve this load in the current contract with BPA's Tier 2 product. Tier 2 rates are set using forward market prices which could increase significantly in the future. Excess reserves allows the District to manage these variations from year to year.
 - ii. **Customer Deposit Account:** The District is holding customer money that will ultimately be returned to customers through refunds or application to outstanding balances. Amounts paid for deposits by the District's customers may be designated.
 - iii. **Special Capital Account:** As a result of conservative planning or the deferral of certain capital projects, reserves in some years may be higher than planned. The

Commission may designate these reserves to fund renewals, replacements, and other future capital projects.

- iv. **Other:** The Commission may designate reserves for other purposes as they arise.
3. **Bond Covenant Rate Stabilization Account (book-entry only):** In accordance with bond covenants, the District may designate a Rate Stabilization Account. The purpose of this account is to ensure the District can support its Debt Service Coverage levels consistent with desired credit ratings and as specified by bond resolution. Transfers to and from this account are typically infrequent in nature and do not reflect the use of physical financial reserves to smooth rates or fund future capital. This account exists only to manage bond covenants and is a “book entry” only account
4. **Restricted Reserves and Debt Service Accounts:** Restricted Reserves are accounts containing funds subject to constraints that are either (a) imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or (b) imposed by law through constitutional provisions or enabling legislation. Although not legally restricted by the District's bond resolutions, Debt Service Accounts are excluded from classification as Unrestricted Reserves for purposes of this policy.
 - a) **Debt Service Accounts:** Special funds set aside for payment of principal/interest.
 - b) **Bond Reserve Account:** Special funds set aside, in conjunction with bond insurance or surety policies, as required by debt covenants for bondholder security.
 - c) **Construction Account:** Special funds set aside as required by debt covenants for capital funding.
 - d) **Other:** Other legal/contractual requirements.
5. **Targeted Bond Rating:** The District’s targeted bond rating is the median rating of public power electric utilities.
6. **Key Financial Metrics:** The District’s key financial metrics include days cash on hand, days liquidity on hand, debt service coverage, and fixed charge coverage. The following are the definitions of those metrics.
 - a) **Days Cash on Hand:** A measure of liquidity used by rating agencies calculated as follows:
 - i. Numerator: Unrestricted reserves x 365
 - ii. Denominator: Operating expenses less depreciation/amortization
 - b) **Days Liquidity on Hand:** A measure of liquidity used by rating agencies which includes access to an available line of credit. The measure is calculated as follows:
 - i. Numerator: (Unrestricted reserves + available line of credit) x 365
 - ii. Denominator: Operating expenses less depreciation/amortization
 - c) **Debt Service Coverage:** A ratio indicating the margin of funds available to meet current debt service requirements.
 - d) **Fixed Charge Coverage:** A ratio indicating the margin of funds available to meet current debt service requirements and fixed or “debt-like” obligations related to purchased power. This ratio treats a portion of the District’s purchases from BPA as “fixed” or a

recovery of debt service. Some rating agencies make this adjustment to the District's debt coverage ratio in order to compare distribution-only utilities to distribution utilities with generation.

Financial Policy

1. Achieve or maintain the Targeted Bond Rating

- a) The District shall establish financial plans that are expected to achieve or maintain a bond rating that is the median for public power utilities through a combination of Key Financial Metrics based on recent and relevant benchmark data published by rating agencies for similarly rated utilities.

2. Maintain sufficient liquidity relative to the District's risk profile

- a) Minimum Operating Reserves shall be no less than 90 Days Cash on Hand. If operating conditions cause reserves to fall below 90 days, plans will be developed within in 3 months to restore reserves to the 90 day level. Included in the plans will be a timeline to restore reserves to the 90 day level.
- b) The District shall establish financial plans to maintain Total Unrestricted Reserves that are expected to achieve or maintain the Targeted Bond Rating (in combination with other Key Financial Metrics).
- c) In addition to Total Unrestricted Reserves, the District may maintain the capability to borrow via a short-term line of credit or obtain other short term financing.

3. Provide for adequate coverage

- a) Provide for adequate debt service coverage for senior lien bonds.
 - i. Develop financial plans to maintain debt service coverage in each plan year of at least 2.0x calculated as follows:
 - Numerator: Net Revenues as defined per bond resolution
 - Denominator: Total annual debt service
 - ii. Net Revenues may be adjusted by transfers to or from the Rate Stabilization Account in accordance with bond resolutions.
 - iii. Plans should not forecast the defeasance of debt for purposes of achieving the minimum coverage for more than one consecutive year.
 - iv. Actual debt service coverage as defined in the bond resolutions shall not be allowed to fall below 1.25x.
- b) As applicable, provide for adequate debt service coverage to meet junior lien bond covenants as defined in bond resolutions.
- c) Provide for adequate fixed charge coverage based upon recent and relevant benchmark data published by rating agencies for similarly rated utilities. For the District, fixed charges generally refer to that portion of power expense that represents the recovery of debt of the power provider. The definition and targeted ratio of fixed charge coverage may vary by

rating agency. Fixed charge coverage is calculated as follows:

- i. Numerator: Net Revenues as defined per bond resolution excluding fixed charges
- ii. Denominator: Total annual debt service plus fixed charges

4. *Maintain sufficient operating income*

- a) The definition of debt service coverage does not include certain financial transactions, such as depreciation, amortization of prepaid power, and other non-cash items. As such, the District shall over time maintain sufficient operating income to provide for non-cash operating expenses, as well as nonoperating expenses, such as interest expense on debt, inflationary increases in asset replacement costs, and net capital needs in excess of depreciation.

5. *Achieve a prudent mix of debt and pay-as-you-go financing*

- b) Develop financial plans to maintain the debt ratio for senior lien debt at 38% or less. The Commission may direct staff to exceed this ratio when circumstances warrant e.g., purchase of a long-term generation asset, capacity, or prepayment of an allowable non-discretionary operating expense, such as power expense.
- c) Consider the equitable allocation of capital cost to ratepayers who will receive benefit from the assets financed when issuing long-term debt.
- d) Short-term debt should be retired within two years of initial borrowing.
- e) Maintain a threshold for capital improvements of \$5,000 or greater for items with a useful life of greater than one year.

6. *Maintain competitive retail rates sufficient to meet normal operating and capital requirements, consistent with the financial goals of the District*

- a) The chief objective of rate setting shall be to ensure that revenue requirements are consistent with the financial goals of the district including cash requirements, debt service coverage, fixed charge coverage, and debt financing limits.
- b) The District desires to maintain competitive rates as compared to benchmark utilities. This objective, while important, is subordinate to the District's financial goals specified in paragraphs 1-4.
- c) Rates should be developed so as to minimize the subsidization of one rate class by another. Cost of service analysis should be conducted annually with results presented to the Commission.

7. *Maintain an active Enterprise Risk Management program & Internal Audit Program*

- a) The General Manager shall establish an Enterprise Risk Management (ERM) Committee to oversee enterprise-wide risks for the District.
- b) The District shall maintain an active internal audit program to ensure adherence to policies and procedures, safeguard District assets, and to identify business practice improvement opportunities to mitigate risk.

8. *Limit power supply risk through the establishment of an active power risk management*

program

- a) The General Manager shall establish a Power Risk Management Committee (PRMC) to manage power supply risk for the District.
- b) The PRMC shall develop risk management policies and risk limits for approval by the Commission.
- c) The objective of the risk management program shall be to achieve the net power supply budget.
- d) The risk management program shall be designed to accept and manage reasonable exposure to power market price volatility and counterparty credit exposure in order to maximize the benefits of the District's power supply portfolio. The PRMC may use derivatives and other hedges as a means of minimizing risk to the District.
- e) Trades for speculative purposes are prohibited.

9. Limit credit risk to the District through the development of credit policies and procedures that promote prompt collection of receivables from retail customers

- a) The General Manager shall establish a Credit Committee to establish and monitor credit collection policies and manage the credit risk associated with retail customers.
- b) Credit policies shall be developed that specify the time allowed for payments of amounts due to the District, and specify the procedures and timing for referring accounts to collection.
- c) Credit limits and collateral requirements should be established for the District's largest customers to limit the District's exposure to credit risk.

10. Develop investment policies and practices that specify allowable investments under State law

- a) The General Manager shall establish an Investment Policy to be approved by the Commission allowing investment in only statutorily authorized instruments and those authorized by bond resolutions.
- b) Investment portfolios and investment performance shall be presented to the Commission monthly.

11. Ensure adequate insurance to protect the District from catastrophic losses

- a) Maintain insurance, self insurance, reserves, and/or participate in an insurance pool to protect against risk of property, casualty, and liability losses.

12. Develop a set of integrated plans for the ownership and operation of the District

- a) The General Manager shall present for approval to the Commission a strategic plan that contains the vision, mission and objectives of the District. The plan shall identify the high-level actions necessary to achieve the objectives and shall be reviewed with the Commission at least annually. Directors will develop plans that support actions necessary to achieve the objectives and actions within the strategic plan.
- b) The General Manager shall direct staff to develop the following plans and forecasts ultimately approved individually or with the annual budget by the Commission. These plans shall be based on realistic but conservative assumptions:

- i. The Retail Energy Sales Forecast begins with the development of the Load Forecast to project future retail sales. .
- ii. The Power Supply Plan shall specify the power resources that will satisfy the load requirements set forth in the sales forecasts and provide an estimate of net power costs.
- iii. The Five-Year Plan of Service Study shall identify the capital needs for the electric system infrastructure.
- iv. The Strategic Technology Plan shall serve as the basis for major technology investments over a five-year period.
- v. The Capital Requirements Plan shall identify the capital needs for all aspects of District operations.
- vi. The Long-Range Financial Plan shall combine information from other plans and forecasts necessary to project cash reserve balances, coverage ratios, long-term financing needs and rate adjustments for a multi-year period.
- vii. The Annual Budget shall identify resource needs for the coming year and use assumptions that are consistent with those used in multi-year plans and forecasts.

13. Establish budgetary and procurement controls over expenditures

- a) The Commission shall approve the District’s budget prior to the start of each fiscal year.
- b) The Commission shall approve total amounts for each of the following budget categories:
 - i. Revenues (excluding wholesale power sales and capital contributions).
 - ii. Net power expense (including wholesale power sales).
 - iii. Non-power operating expenses (excluding interest expense).
 - iv. Net capital additions (including the change in inventory investment, storage of natural gas, or other capital expenditure not reflected in another category, net of contributions).
 - v. Debt Service (including principal and interest on debt).
- c) Budget amounts will be presented using the accrual basis of accounting. Debt principal will be based on cash requirements.
- d) The General Manager shall notify the Commission promptly when expenditures within each category are anticipated to exceed the budget.
- e) Budget amendments, if necessary, will be presented to the Commission no later than October of each year.
- f) In order to ensure proper recording of expenditures for management analysis, financial statement reporting, and rate development, expenditures shall be charged to the general ledger account that best reflects the purpose for which the expenditure was made, not an account where an excess of budgeted funds may exist.
- g) All materials and services will be procured in accordance with State statutes, including but not limited to public works and competitive bid laws.

14. Provide financial reports and projections in a timely manner

- a) Monthly financial reports will be provided to the Commission including revenues, net power costs, non-power expenses, and capital expenditures. Actual results will be compared to budgeted levels, with an explanation of variances.
- b) An Annual Financial Report, prepared in accordance with generally accepted accounting principles, and audited in accordance with generally accepted auditing standards, shall be distributed to the Commission and other interested parties.
- c) Financial projections shall be provided to the Commission for the current and subsequent year at least three times a year.

15. Evaluate capital investments taking into account both monetary and non-monetary factors

a) Monetary factors

- i. Factors which impact cash flows include, but are not limited to, the initial capital investment and changes in revenues, expenses, or working capital.
- ii. Monetary analysis may include breakeven analysis or a discounted cash flow analysis that includes a risk-adjusted discount factor appropriate to the decision.
- iii. Projects that are a significant enhancement to business operations shall be subject to a more thorough monetary evaluation.

b) Non-Monetary Factors

- i. Factors which do not directly impact cash flows include, but are not limited to, system reliability or capacity, service effectiveness, service efficiency, customer satisfaction, regulatory and legal compliance, safety, business risk, employee morale or public benefit.
- c) Both factors will be evaluated when establishing the District's annual budget and five-year capital plan.



Redlined Version

BENTON PUD FINANCIAL POLICIES

Resolution No. ~~23132657~~

~~February 13, 2024~~ ~~March 24, 2015~~

Definitions

1. **Cash or Funds:** Includes both cash and cash equivalents. Cash equivalents are assets that can be readily converted into cash such as bank accounts, bankers' acceptances, the state investment pool, and short term marketable securities. For purposes of this policy, cash or funds also include investments that are permitted in the District's Investment Policy.
2. **Total Unrestricted Reserves:** Accounts which have not been Restricted and for which funds can be spent for any legal purpose of the District. Total Unrestricted Reserves equals Minimum Operating Reserves plus Designated Reserves.
 - a) **Minimum Operating Reserves:** Accounts containing funds that provide funding for day-to-day operations, working capital, emergencies, and serve as a cushion for ~~poor~~ negative performance against budget.
 - b) **Designated Reserves:** Accounts containing funds which have been designated by the Commission for a specific purpose. Designated accounts include any account designation that reflects the Commission's self-imposed limitations on the use of otherwise available expendable financial resources within the Electric Fund. The District may designate the following accounts at the direction of the Commission:
 - i. **Power Market Volatility Account:** The District has entered into a load following contract with the Bonneville Power Administration (BPA) effective October 1, 2023. While the District will not see immediate impacts of volatility in wholesale power markets or variations in hydro output based on available water, BPA will see these impacts. Since BPA sets rates, typically in two-year rate periods, these impacts will be incorporated into BPA's rate setting process which means they will be known for a rate period and allows for additional time for planning retail rate adjustments. However, there could be significant changes between BPA rate periods and excess reserves could be used to mitigate or "buy down" future rate actions. There could also be variations in power costs to the District within a rate period as BPA rates include charges that could result in either excess costs or reduced costs in a given year based on retail loads. These charges include load shaping rates and demand charges. In addition, the District's retail load is above its Tier 1 allocation from BPA (currently by about 10 aMW) and the District has elected to serve this load in the current contract with BPA's Tier 2 product. Tier 2 rates are set using forward market prices which could increase significantly in the future. Excess reserves allows the District to manage these variations from year to year. Due to high variability in Federal Columbia Power System streamflows, the District uses conservative assumptions in setting rates. As a result of conservative planning, financial reserves in some years may be higher than planned. The Commission may designate these excess reserves to mitigate or "buy down" future rate actions, particularly in those years where streamflows are lower than planned.
 - ii. ~~Bond Insurance Replacement Account:~~ The District purchased bond insurance for

~~certain issues. That bond insurance applies to all outstanding bond issues. As the specific bond issues that carried bond insurance are fully paid off, the bond insurance on those issues will expire causing a need to restrict reserves in a bond reserve account in accordance with bond covenants. This account is intended to designate funds that will be transferred in the future to a restricted bond reserve account.~~

~~iii.ji.~~ **Customer Deposit Account:** The District is holding customer money that will ultimately be returned to customers through refunds or application to outstanding balances. Amounts paid for deposits by the District’s customers may be designated.

~~iv.iii.~~ **Special Capital Account:** As a result of conservative planning or the deferral of certain capital projects, reserves in some years may be higher than planned. The Commission may designate these reserves to fund renewals, replacements, and other future capital projects.

~~v.iv.~~ **Other:** The Commission may designate reserves for other purposes as they arise.

3. **Bond Covenant Rate Stabilization Account (book-entry only):** In accordance with bond covenants, the District may designate a Rate Stabilization Account. The purpose of this account is to ensure the District ~~meets~~can support its Debt Service Coverage levels consistent with desired credit ratings and as specified by bond resolution. Transfers to and from this account are typically infrequent in nature and do not reflect the use of physical financial reserves to smooth rates or fund future capital. This account exists only to manage bond covenants and is a “book entry” only account

4. **Restricted Reserves and Debt Service Accounts:** Restricted Reserves are accounts containing funds subject to constraints that are either (a) imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or (b) imposed by law through constitutional provisions or enabling legislation. Although not legally restricted by the District's bond resolutions, Debt Service Accounts are excluded from classification as Unrestricted Reserves for purposes of this policy.

a) **Debt Service Accounts:** Special funds set aside for payment of principal/interest.

b) **Bond Reserve Account:** Special funds set aside, in conjunction with bond insurance or surety policies, as required by debt covenants for bondholder security.

c) **Construction Account:** Special funds set aside as required by debt covenants for capital funding.

d) **Other:** Other legal/contractual requirements.

5. **Targeted Bond Rating:** The District’s targeted bond rating is the median rating of public power electric utilities.

6. **Key Financial Metrics:** The District’s key financial metrics include days cash on hand, days liquidity on hand, debt service coverage, and fixed charge coverage. The following are the definitions of those metrics.

a) **Days Cash on Hand:** A measure of liquidity used by rating agencies calculated as follows:

i. Numerator: Unrestricted reserves x 365

ii. Denominator: Operating expenses less depreciation/amortization

- b) **Days Liquidity on Hand:** A measure of liquidity used by rating agencies which includes access to an available line of credit. The measure is calculated as follows:
 - i. Numerator: (Unrestricted reserves + available line of credit) x 365
 - ii. Denominator: Operating expenses less depreciation/amortization
- c) **Debt Service Coverage:** A ratio indicating the margin of funds available to meet current debt service requirements.
- d) **Fixed Charge Coverage:** A ratio indicating the margin of funds available to meet current debt service requirements and fixed or “debt-like” obligations related to purchased power. This ratio treats a portion of the District’s purchases from BPA as “fixed” or a recovery of debt service. Some rating agencies make this adjustment to the District's debt coverage ratio in order to compare distribution-only utilities to distribution utilities with generation.

Financial Policy

1. Achieve or maintain the Targeted Bond Rating

- a) The District shall establish financial plans that are expected to achieve or maintain a bond rating that is the median for public power utilities through a combination of Key Financial Metrics based on recent and relevant benchmark data published by rating agencies for similarly rated utilities.

2. Maintain sufficient liquidity relative to the District’s risk profile

- a) Minimum Operating Reserves shall be no less than 90 Days Cash on Hand. If operating conditions cause reserves to fall below 90 days, plans will be developed within 3 months to restore reserves to the 90 day level ~~within 3 months.~~ Included in the plans will be a timeline to restore reserves to the 90 day level.
- b) The District shall establish financial plans to maintain Total Unrestricted Reserves that are expected to achieve or maintain the Targeted Bond Rating (in combination with other Key Financial Metrics).
- c) In addition to Total Unrestricted Reserves, the District ~~shall~~ may maintain the capability to borrow via a short-term line of credit or obtain other short term financing ~~of at least \$10 million, or maintain a combination of excess cash plus short term borrowing authority of at least \$10 million.~~

3. Provide for adequate coverage

- a) Provide for adequate debt service coverage for senior lien bonds.
 - i. Develop financial plans to maintain debt service coverage in each plan year of at least 2.0x calculated as follows:
 - Numerator: Net Revenues as defined per bond resolution
 - Denominator: Total annual debt service

~~ii. In addition to the above coverage requirement, develop financial plans to maintain debt~~

~~service coverage in each plan year of at least 1.75x calculated as follows:~~

- ~~▪ Numerator: Net Revenues as defined per bond resolution less capital contributions~~
- ~~▪ Denominator: Total annual debt service~~

~~iii.ii.~~ Net Revenues may be adjusted by transfers to or from the Rate Stabilization Account in accordance with bond resolutions.

~~iv.iii.~~ Plans should not forecast the defeasance of debt for purposes of achieving the minimum coverage for more than one consecutive year.

~~v.iv.~~ Actual debt service coverage as defined in the bond resolutions shall not be allowed to fall below 1.25x.

- b) As applicable, provide for adequate debt service coverage to meet junior lien bond covenants as defined in bond resolutions.
- c) Provide for adequate fixed charge coverage based upon recent and relevant benchmark data published by rating agencies for similarly rated utilities. For the District, fixed charges generally refer to that portion of power expense that represents the recovery of debt of the power provider. The definition and targeted ratio of fixed charge coverage may vary by rating agency. Fixed charge coverage is calculated as follows:
 - i. Numerator: Net Revenues as defined per bond resolution excluding fixed charges
 - ii. Denominator: Total annual debt service plus fixed charges

4. Maintain sufficient operating income

- a) The definition of debt service coverage does not include certain financial transactions, such as depreciation, amortization of prepaid power, and other non-cash items. As such, the District shall over time maintain sufficient operating income to provide for non-cash operating expenses, as well as nonoperating expenses, such as interest expense on debt, inflationary increases in asset replacement costs, and net capital needs in excess of depreciation.

5. Achieve a prudent mix of debt and pay-as-you-go financing

- b) Develop financial plans to maintain the debt ratio for senior lien debt at 38% or less. The Commission may direct staff to exceed this ratio when circumstances warrant e.g., purchase of a long-term generation asset, capacity, or prepayment of an allowable non-discretionary operating expense, such as power expense.
- c) Consider the equitable allocation of capital cost to ratepayers who will receive benefit from the assets financed when issuing long-term debt.
- d) Short-term debt should be retired within two years of initial borrowing.
- e) Maintain a threshold for capital improvements of \$5,000 or greater for items with a useful life of greater than one year.

6. Maintain competitive retail rates sufficient to meet normal operating and capital requirements, consistent with the financial goals of the District

- a) The chief objective of rate setting shall be to ensure that revenue requirements are

consistent with the financial goals of the district including cash requirements, debt service coverage, fixed charge coverage, and debt financing limits.

- b) The District desires to maintain competitive rates as compared to benchmark utilities. This objective, while important, is subordinate to the District's financial goals specified in paragraphs 1-4.
- c) Rates should be developed so as to minimize the subsidization of one rate class by another. Cost of service analysis should be conducted annually with results presented to the Commission.

7. *Maintain an active Enterprise Risk Management program & Internal Audit Program*

- a) The General Manager shall establish an Enterprise Risk Management (ERM) Committee to oversee enterprise-wide risks for the District.

~~b) Major decisions will be documented through use of a formal Decision Model and will be reviewed by the ERM Committee.~~

- e)b) The District shall maintain an active internal audit program to ensure adherence to policies and procedures, safeguard District assets, and to identify business practice improvement opportunities to mitigate risk.

8. *Limit power supply risk through the establishment of an active power risk management program*

- a) The General Manager shall establish a Power Risk Management Committee (PRMC) to manage power supply risk for the District.
- b) The PRMC shall develop risk management policies and risk limits for approval by the Commission.
- c) The objective of the risk management program shall be to achieve the net power supply budget.
- d) The risk management program shall be designed to accept and manage reasonable exposure to power market price volatility and counterparty credit exposure in order to maximize the benefits of the District's power supply portfolio. The PRMC may use derivatives and other hedges as a means of minimizing risk to the District.
- e) Trades for speculative purposes are prohibited.

9. *Limit credit risk to the District through the development of credit policies and procedures that promote prompt collection of receivables from retail customers*

- a) The General Manager shall establish a Credit Committee to establish and monitor credit collection policies and manage the credit risk associated with retail customers.
- b) Credit policies shall be developed that specify the time allowed for payments of amounts due to the District, and specify the procedures and timing for referring accounts to collection.
- c) Credit limits and collateral requirements should be established for the District's largest customers to limit the District's exposure to credit risk.

10. *Develop investment policies and practices that specify allowable investments under State law*

- a) The General Manager shall establish an Investment Policy to be approved by the Commission allowing investment in only statutorily authorized instruments and those authorized by bond resolutions.
- b) Investment portfolios and investment performance shall be presented to the Commission monthly.

11. Ensure adequate insurance to protect the District from catastrophic losses

- a) Maintain insurance, self insurance, reserves, and/or participate in an insurance pool to protect against risk of property, casualty, and liability losses.

12. Develop a set of integrated plans for the ownership and operation of the District

- a) ~~Each year, t~~The General Manager shall present for approval to the Commission a strategic plan that contains the vision, mission and objectives of the District. The plan shall identify the high-level actions necessary to achieve the objectives and shall be reviewed with the Commission at least annually. ~~Operating plans shall be developed by each~~ Directors will develop plans that containing supporting support actions necessary to achieve the objectives and actions within the strategic plan.
- b) The General Manager shall direct staff to develop the following plans and forecasts ultimately approved individually or with the annual budget for approval by the Commission. These plans shall be based on realistic but conservative assumptions:
 - i. The Retail Energy Sales Forecast begins with the development of the Load Forecast to project future retail sales. ~~and Broadband Sales Forecast shall project demand for utility services.~~
 - ii. The Power Supply Plan shall specify the power resources that will satisfy the load requirements set forth in the sales forecasts and provide an estimate ~~of wholesale revenues~~ of net power costs.
 - iii. The Five-Year Plan of Service Study shall identify the capital needs for the electric system infrastructure.
 - iv. The Strategic Technology Plan shall serve as the basis for major technology investments over a five-year period.
 - v. The Capital Requirements Plan shall identify the capital needs for all aspects of District operations.
 - vi. The Long-Range Financial Plan shall combine information from other plans and forecasts necessary to project cash reserve balances, coverage ratios, long-term financing needs and rate adjustments for a multi-year period.
 - vii. The Annual Budget shall identify resource needs for the coming year and use assumptions that are consistent with those used in multi-year plans and forecasts.

13. Establish budgetary and procurement controls over expenditures

- a) The Commission shall approve the District’s budget prior to the start of each fiscal year.
- b) The Commission shall approve total amounts for each of the following budget categories:

- i. Revenues (excluding wholesale power sales and capital contributions).
 - ii. Net power expense (including wholesale power sales).
 - iii. Non-power operating expenses (excluding interest expense).
 - iv. Net capital additions (including the change in inventory investment, storage of natural gas, or other capital expenditure not reflected in another category, net of contributions).
 - v. Debt Service (including principal and interest on debt).
- c) Budget amounts will be presented using the accrual basis of accounting. Debt principal will be based on cash requirements.
 - d) The General Manager shall notify the Commission promptly when expenditures within each category are anticipated to exceed the budget.
 - e) Budget amendments, if necessary, will be presented to the Commission ~~in no later than August-October~~ of each year ~~as necessary~~.
 - f) In order to ensure proper recording of expenditures for management analysis, financial statement reporting, and rate development, expenditures shall be charged to the general ledger account that best reflects the purpose for which the expenditure was made, not an account where an excess of budgeted funds may exist.
 - g) All materials and services will be procured in accordance with State statutes, including but not limited to public works and competitive bid laws.

14. Provide financial reports and projections in a timely manner

- a) Monthly financial reports will be provided to the Commission including revenues, net power costs, non-power expenses, and capital expenditures. ~~the District's operating statement, balance sheet, capital expenditures report, and cash expenditure report.~~ Actual results will be compared to budgeted levels, with an explanation of variances. ~~Contingent liabilities will be reported at least quarterly to the Commission.~~
- b) An Annual Financial Report, prepared in accordance with generally accepted accounting principles, and audited in accordance with generally accepted auditing standards, shall be distributed to the Commission and other interested parties.
- c) ~~Quarterly~~ financial projections shall be provided to the Commission for the current and subsequent year at least three times a year.

15. Evaluate capital investments taking into account both monetary and non-monetary factors

a) Monetary factors

- i. Factors which impact cash flows include, but are not limited to, the initial capital investment and changes in revenues, expenses, or working capital.
- ii. Monetary analysis may include breakeven analysis or a discounted cash flow analysis that includes a risk-adjusted discount factor appropriate to the decision.
- iii. Projects that are a significant enhancement to business operations ~~or expansion into new business lines~~ shall be subject to a more thorough monetary evaluation.

b) Non-Monetary Factors


i. Factors which do not directly impact cash flows include, but are not limited to, system reliability or capacity, service effectiveness, service efficiency, customer satisfaction, regulatory and legal compliance, safety, business risk, employee morale or public benefit.

c) ~~The General Manager shall develop subordinate policies and procedures that further define the standards and criteria for capital investment decision analysis. Both factors will be evaluated when establishing the District's annual budget and five-year capital plan.~~



✓	Business Agenda
	Second Reading
	Consent Agenda
	Info Only/Possible Action
	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Resolution No. 2658 Amending Retail Electric Rate Schedules	
Agenda Item No:	8f	
Meeting Date:	February 13, 2024	
Prepared by:	Keith Mercer	<i>Staff Preparing Item</i>
Presented by:	Jon Meyer	<i>Staff Presenting Item</i>
Approved by (dept):	Jon Meyer	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration

Motion to adopt Resolution No. 2658 amending Retail Electric Rate Schedules effective February 13, 2024.

Background/Summary

Staff has prepared a Resolution and an amended Retail Electric Rate Schedules with edits for the following Rate Schedule:

- Rate Schedule 51 Street Lighting
- Other miscellaneous edits

Rate Schedule 51 Street Lighting has various rates depending on the type and size of lamp installed. A rate for every light type and size is not practical due to the variety of lights available as well as the advancements in lighting technology making new lights available. The following language is included in the rate schedule to address lights being installed but not included in the rate schedule.

- Lights installed that are not listed in the above rate chart will be billed at the monthly rate associated with the lamp type and size to the nearest lessor wattage rate of a similar type. When a lessor wattage rate is not available, it will be assigned to the nearest rate of a similar type.

However, new rates can be developed when the District is aware of a significant lighting change taking place. A major customer in the Street Lighting customer class is in the process of updating some of their streetlights to light-emitting diode (LED) or a LED of a lower wattage than what is currently installed. The District was notified that the new streetlights being installed are either a 36 watt LED, 88 watt LED, or 170 watt LED. Currently, these streetlights type and size of lamp are not included in the existing Schedule 51 Street Lighting. District staff has developed new rates to accommodate the new lights.

Other miscellaneous edits include removing language that has expired and is no longer relevant such as the monthly energy charge rate effective through September 30, 2023.

Recommendation

District staff recommends approving the attached Retail Electric Rate Schedules.

Fiscal Impact

None.

RESOLUTION NO. 2658

February 13, 2024

**A RESOLUTION OF THE COMMISSION OF
PUBLIC UTILITY DISTRICT NO. 1 OF BENTON COUNTY,
AMENDING RETAIL RATE SCHEDULES**

WHEREAS, from time-to-time, Street Lighting customers will adopt new technology for street light standards, such as Light-emitting diode (LED); AND

WHEREAS, the District has been informed that a major customer within the Street Lighting class is in the process of updating some of their streetlights to LED or a LED of a lower wattage than what is currently installed; AND

WHEREAS, the new streetlights being installed are not included in the existing Schedule 51 Street Lighting rates; AND

WHEREAS, District staff has developed new rates to accommodate the new lights; AND

WHEREAS, staff is recommending the above changes as well as other miscellaneous edits that are incorporated into the attached Retail Electric Rate Schedules be approved effective February 13, 2024; AND

(Retail Electric Rate Schedules Attached)

NOW, THEREFORE, BE IT RESOLVED by the Commission of Public Utility District No. 1 of Benton County that the attached Retail Electric Rate Schedules be approved effective February 13, 2024.

FURTHER BE IT RESOLVED that this Resolution supersedes and replaces all other Resolutions pertaining to the same rate schedules herein.

APPROVED AND ADOPTED by the Commission of Public Utility District No. 1 of Benton County at an open meeting, with notice of such meeting being given as required by law, this 13th day of February, 2024.

Barry A. Bush, President

ATTEST:

Lori Kays-Sanders, Secretary

SCHEDULE 11
RESIDENTIAL

AVAILABLE: In all territory served by the District.

APPLICABLE: To domestic use of electric energy by all residential urban and rural customers which may include community lawn irrigation systems and single family residential swimming pools.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$0.63 per day

Monthly Energy Charge effective October 1, 2023:

\$0.0688 per kWh

Monthly Demand Charge effective October 1, 2023:

\$1.00 per kW during Peak Hours

PEAK HOURS: Peak Hours are defined as follows:

- October 1 through April 30, inclusive are Monday through Friday 6:00 a.m. to 9:00 a.m. and 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.
- May 1 through September 30, inclusive are Monday through Friday 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.

HOLIDAYS: Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. In the event the holiday falls on a Sunday, all hours during the following Monday will be excluded from the Peak Hours.

BILLING DEMAND: The Demand Charge shall be multiplied by the maximum 1-hour kW demand measured by the District's meter for the Peak Hours during each billing period. The demand measured shall be rounded to the nearest whole number.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 12
RESIDENTIAL – SECONDARY METER

AVAILABLE: In all territory served by the District.

APPLICABLE: To domestic use of electric energy by all residential customers with a second electrical service (meter) at a service location that is a single-family residence. To qualify for this rate schedule, the second service must meet all of the following criteria: 1) be fed from the same transformer that serves the primary residence, AND 2) be served by a 50 kVa or less sized transformer, AND 3) not be a living space. The secondary electrical service may include services to a detached structure (e.g. barn, garage, shed, shop, etc.) located on the same parcel of land as the primary electrical service, a single family residential swimming pool, or household water pump. The secondary electrical service shall not be used to serve commercial businesses and buildings, secondary living spaces, security lighting, or irrigation accounts. The District may waive the requirement for services to be located on the same parcel of land in the case of a shared service providing benefit to multiple property owners (e.g. community well).

Customers may apply for the secondary service rate and eligibility will be verified by District field personnel. Customers who are on this schedule and convert the second service to a different usage (i.e. a shop is converted to a commercial business or a separate residence) are required to notify the District prior to any change of use. In the event of a change in use that no longer qualifies for this rate schedule, the account will be changed to the applicable rate schedule (residential, commercial, etc.). If the District is not notified of the change, and it is determined the change disqualifies the secondary service from this rate schedule, the District reserves the right to adjust prior bills from the date an increase of load appears on the monthly readings or as otherwise reasonably determined by the District.

CHARACTER OF SERVICE: Sixty (60) hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$0.32 per day

Monthly Energy Charge effective October 1, 2023:

\$0.0688 per kWh

Monthly Demand Charge effective October 1, 2023:

\$1.00 per kW during Peak Hours

PEAK HOURS: Peak Hours are defined as follows:

- October 1 through April 30, inclusive are Monday through Friday 6:00 a.m. to 9:00 a.m. and 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.
- May 1 through September 30, inclusive are Monday through Friday 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.

HOLIDAYS: Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day,

Thanksgiving Day, and Christmas Day. In the event the holiday falls on a Sunday, all hours during the following Monday will be excluded from the Peak Hours.

BILLING DEMAND: The Demand Charge shall be multiplied by the maximum 1-hour kW demand measured by the District's meter for the Peak Hours during each billing period. The demand measured shall be rounded to the nearest whole number.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and multiple metering points.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 21
SMALL GENERAL SERVICE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules where measured demand is less than 50 kW during any calendar year. Services are assigned this rate schedule when the usage information provided at the time the account is established meets the above criteria or when available, based on actual measured demand incurred by the previous customer. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

Single-phase\$0.55 per day
Multi-phase..... \$0.82 per day

Monthly Energy Charge effective April 1, 2023:

\$0.0630 per kWh

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

SCHEDULE 22
MEDIUM GENERAL SERVICE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules where measured demand is greater than 50 kW anytime and less than 300 kW at least ten (10) times during any calendar year. Services are assigned this rate schedule when the usage information provided at the time the account is established meets the above criteria or when available, based on actual measured demand incurred by the previous customer. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$1.65 per day

Monthly Energy Charge effective April 1, 2023:

\$ 0.0548 per kWh

Monthly Demand Charge effective April 1, 2023:

First 50 kW of demand per month: no demand charge.

Excess above 50 kW of demand per month: \$9.33 per kilowatt billing demand per billing period.

BILLING DEMAND: The billing demand under this rate schedule shall be the highest of the following:

1. The measured demand for the month adjusted for power factor less 50 kW.
2. Or as specified in a separate contract.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a

single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 23
LARGE GENERAL SERVICE NON TIME-OF-USE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules, where measured demand equals or exceeds 300 kW at least 3 months in a calendar year, but never exceeds 3500 kW. Services are assigned this rate schedule when the usage information provided at the time the account is established meets the above criteria or when available, based on actual measured demand incurred by the previous customer. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$2.01 per day

Monthly Energy Charge:

\$0.0471 per kWh

Monthly Demand Charge:

First 50 kW of demand per month: no demand charge.

Excess above 50 kW of demand per month: \$8.15 per kilowatt billing demand per billing period.

BILLING DEMAND: The billing demand under this rate schedule shall be the highest of the following:

1. The measured demand for the month adjusted for power factor less 50 kW.
2. Or as specified in a separate contract.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

SCHEDULE DURATION: Customers meeting the Large General Service criteria and taking service under this schedule must be served under this rate schedule for a minimum of 12 consecutive months before choosing to take service under an alternative Large General Service rate schedule.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract. Primary Facility charges will apply. Additionally the District may require a contribution from the customer if an electric system improvement such as a new substation is needed as a result of new or additional load.

SCHEDULE 24
LARGE GENERAL SERVICE – TIME-OF-USE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules, where measured demand equals or exceeds 300 kW at least 3 months in a calendar year, but never exceeds 3500 kW. Time-of-use metering may be provided by the District upon receipt of a customer's written request and may be at customer expense. The District may also install time-of-use metering at its discretion and expense. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$2.01 per day

Monthly Energy Charge:

Time of Use:

kWh used Monday through Saturday,
6:00 a.m. to 10:00 p.m.....\$0.0479 per kWh
used all other hours.....\$0.0423 per kWh

Monthly Demand Charge:

First 50 kW of demand per month: no demand charge.
Excess above 50 kW of demand per month: \$8.15 per kilowatt billing demand per billing period.

BILLING DEMAND: The billing demand under this rate schedule shall be the highest of the following:

1. The measured demand for the month adjusted for power factor less 50 kW.
2. Or as specified in a separate contract.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption

shall be separately metered and billed.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

SCHEDULE DURATION: Customers meeting the Large General Service criteria and taking service under this schedule must be served under this rate schedule for a minimum of 12 consecutive months before choosing to take service under an alternative Large General Service rate schedule.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract. Primary Facility charges will apply. Additionally the District may require a contribution from the customer if an electric system improvement such as a new substation is needed as a result of new or additional load.

SCHEDULE 34
LARGE INDUSTRIAL

AVAILABLE: In all territory served by the District.

APPLICABLE: To existing or new large industrial loads greater than 3,500 kW demand and no more than 10,000 kW demand. In order to qualify for this rate schedule a customer must submit prior to initiation of service a District approved electrical capacity and energy consumption plan which shows the customer will be eligible for this rate within the first three months of service. If such a plan is submitted showing that a customer will meet eligibility for this rate, then regardless of actual consumption, the customer will be billed using this rate schedule. After the first three months, the customer will be billed each month using the current billed month demand as the criteria to determine the appropriate rate schedule. A customer that has established eligibility for this rate class for a previous twelve month time period may remain on this rate schedule up to six months without needing to meet the criteria solely at the District's discretion. This rate schedule does not apply to Large Electricity Intensive Loads (See Schedule 35).

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$7.75 per day

Monthly Energy Charge:

\$0.0395 per kWh

Monthly Demand Charge:

\$8.77 per kilowatt billing demand per billing period

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month and will adjusted for power factor if the average power factor is less than 95%.

DELIVERY POINT: For purposes of meeting the criteria for this rate schedule, the aggregated load of a customer's entire industrial campus or property will be used to determine eligibility. All separately metered services located in the industrial property will be billed separately using this rate schedule. Customer loads at multiple campuses or properties may not be aggregated for purposes of qualifying for this rate schedule.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the one-hour period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENT:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract. The District may require a contribution from the Customer for the Customer’s requested special facilities investment.

SCHEDULE 35
LARGE ELECTRICITY INTENSIVE LOAD (EIL)

AVAILABLE: In all territory served by the District.

APPLICABLE: To existing or new large EIL load with non-coincidental demand greater than 3,500 kW. These loads will be served under a power sales contract with the District. Large EIL is defined as customers whose electrical load has both of the following attributes:

1. Customer load where electricity is the predominant input to the business production and demand for electricity has significant variability.
2. Any load where the load factor or total energy consumption is estimated to be or is appreciably higher than:
 - a. Previous consumption at the service location, or
 - b. Other customers operating in a similarly-sized and type of facility.

Examples include but are not limited to: server farms, an aggregation of microprocessor-based computing equipment within a building (e.g. home, garage/shop or business), structure (shipping container or other container), or special purpose data centers.

The total energy consumption by District customers on an annual basis exceeds our firm allocation of wholesale energy resources provided by the Bonneville Power Administration which may require the District to make wholesale electricity purchases to balance demand and supply. On a more granular basis, such as daily or hourly, the District has substantial wholesale energy deficits during certain times of the year where additional supply must be procured. The District performs long-term planning for power supply to mitigate the operational and financial risk of wholesale power supply deficits which requires contractually binding commitments including but not limited to long-term resource acquisition, procurement of short or long term physical call options, and the use of financial hedging. As more and more firm dispatchable generation is retired in the pacific northwest region, these future contractual commitments are expected to become more difficult to secure and may come with higher costs. EIL loads operate in an extremely price sensitive and volatile market where loads must be scaled back quickly if it is uneconomical to run. The transitory and volatile load associated with EIL customers is not compatible with long-term electric utility power supply planning and presents a financial risk to the rest of the District's customers. As a way to mitigate and balance that risk the District will aggregate all EIL loads of the customer regardless of location and if the total non-coincidental demand exceeds 3,500 kW, all services will be subject to the District's Large Electricity Intensive Load Rate Schedule 35.

An EIL Customer is defined as an individual or entity who has the ultimate financial responsibility and decision authority to operate on a daily basis for one or more EIL accounts regardless of the name or UBI associated with each account. For example, if multiple entities have the same parent company or corporate officers or partners, they will be treated as one customer.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE: Large EIL customers will be served at rates determined under a contract negotiated with the District.

SCHEDULE 51
STREET LIGHTING

AVAILABLE: In all territory served by the District.

APPLICABLE: To governmental agencies and municipal corporations upon receipt of an authorized application for the supply of lighting facilities or energy and maintenance of lighting systems for public streets, alleys, thoroughfares, grounds and parks.

TYPES OF LIGHTING: Lighting systems installed and owned by the District shall consist of mast arms and luminaries mounted on poles. Customer-owned systems will be supplied at voltages specified by the District.

MONTHLY RATES:

Type and Size of Lamp	District-Owned Facilities		Customer-Owned Facilities	
	Metered	Unmetered	Metered (See Small General Service Rates)	Unmetered
50w. Ind. / LED				\$2.07
135w. Ind. / LED				\$3.46
200w. Ind. / LED				\$4.58
36w. LED	\$2.20	\$3.83		\$1.63
42w. LED	\$2.20	\$4.10		\$1.91
53w. LED	\$2.20	\$4.60		\$2.40
54w. LED	\$2.20	\$4.64		\$2.44
88w. LED	\$2.20	\$5.21		\$3.01
101w. LED	\$2.20	\$5.65		\$3.45
110w. LED	\$2.20	\$5.68		\$3.48
139w. LED	\$2.20	\$5.73		\$3.52
170w. LED	\$2.20	\$6.50		\$4.30
180w. LED	\$2.20	\$6.75		\$4.55
220w. LED	\$2.20	\$7.42		\$5.22
260w. LED	\$2.20	\$8.08		\$5.88
100w.H.P.S.	\$6.09	\$7.72		\$4.32
150w.H.P.S.		\$8.59		\$5.15
200w.H.P.S.	\$6.11	\$9.67		\$6.24
250w.H.P.S.	\$6.13	\$10.63		\$7.22
400w.H.P.S.	\$6.14	\$12.98		\$9.56
*175w.Mer.Vap.	\$5.78	\$8.73		\$5.33
*250w.Mer.Vap.	\$5.99	\$10.51		\$7.11

* No longer available after March 1, 1982.

Lights installed that are not listed in the above rate chart will be billed at the monthly rate associated with the lamp type and size to the nearest lesser wattage rate of a similar type. When a lesser wattage rate is not available, it will be assigned to the nearest rate of a similar type.

The rate for District-owned systems includes routine maintenance and replacement of light emitting diode (LED), high pressure sodium (HPS), and Mercury Vapor lamps, photocells and luminaries. The monthly rate for Induction (IND) type lighting does not include routine maintenance and replacement. Routine maintenance and replacement of Induction lighting is the customers' responsibility. The rate does not cover

unusual damage or failure of the system requiring major component replacements. Maintenance of the system will be performed during normal District working hours. It is the customer's responsibility to provide ingress/egress easements for the District to perform any necessary repairs. Customer will provide trench and backfill for installation or replacement of underground conditions. The cost of additional District-owned poles (wood or metal) including installation is to be collected by the District at the time of construction.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 61
SECURITY LIGHTING

AVAILABLE: In all territory served by the District.

APPLICABLE: To any electric customer where the District has existing facilities or public accessible locations.

TYPE OF LIGHTING: The District will furnish and install lighting fixtures, overhead, electrical equipment, lamps and electric energy, and will maintain and relamp the units.

MONTHLY RATES: Where a suitable pole for mounting the luminaries exists, the District will furnish and maintain the above described service at the following monthly rate:

Type & Size of lamp	Customer-Owned Facilities			District-Owned Facilities	
	Metered	Unmetered	Energy Only	Metered	Unmetered
46w. LED		\$4.09	\$1.10		\$7.34
58w. LED		\$4.18	\$1.38		\$7.52
*100w.H.P.S.		\$6.13	\$2.38	\$8.62	\$11.01
*150w.H.P.S.		\$7.66	\$3.69	\$9.05	\$12.15
*175w.Mer.Vap.		\$7.94	\$4.40	\$8.65	\$12.38
*250w.Mer.Vap.		\$10.57	\$6.71	\$8.94	\$14.77
*400w.Mer.Vap.		\$14.14	\$10.19	\$9.01	\$18.31
*1000w.Mer.Vap.		\$28.85	\$24.28	\$8.97	\$33.23

Lights installed that are not listed in the above rate chart will be billed at the monthly rate associated with the lamp type and size to the nearest lessor wattage rate of a similar type. When a lessor wattage rate is not available, it will be assigned to the nearest rate of a similar type.

The District no longer installs poles for the sole purpose of security light installation. For customers with preexisting installations, the District will continue to maintain poles at the monthly rates listed below added to the rate for the luminare.

- Standard Wood Pole, 30-35 feet \$3.28
- Standard Wood Pole with an
Underground Feed, 30-35 feet \$4.99
- **Direct Burial Steel with an
Underground Feed, 30 feet..... \$5.87

The above charge will be applicable where the installation is made on a non-District joint use pole.

- * No longer available for future installation.
- ** Not available as a standard installation after April 1, 1975.

SPECIAL CONDITIONS: The property owner shall agree to accept and pay for the service set forth in this rate schedule for a minimum period of three years.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District. If a customer would like to request a change to their light type, please contact Benton PUD at 509-582-2175 for a cost estimate.

SCHEDULE 71
SMALL AGRICULTURAL IRRIGATION

AVAILABLE: In all territory served by the District.

APPLICABLE: To electric services primarily used in irrigation pumping for agricultural food production on a commercial consumption basis or for services used in livestock food production with 300 horsepower or less. Energy delivered under this schedule may also be used for lighting essential to the pumping operation.

CHARACTER OF SERVICE: Sixty hertz alternating current, single-phase and three-phase, at available secondary voltage. At the discretion of the District single-phase service may be furnished provided individual motor capacity is not in excess of 7.5 horsepower.

RATE:

Daily System Charge:

\$0.19 per day

Monthly Energy Charge:

\$0.0535 per kWh

Monthly Demand Charge:

\$3.43 per kW billing demand per billing period

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 72
LARGE AGRICULTURAL IRRIGATION

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power in excess of 300 horsepower served by one meter or as covered by special power sales contract and not subject to the District's Miles of Line Charge served by the District's distribution system.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, sixty-hertz, at available secondary voltage.

RATE:

Daily System Charge:

\$1.23 per day

Monthly Energy Charge:

\$0.0454 per kWh

Monthly Demand Charge:

\$3.67 per kilowatt billing demand per billing period

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month, adjusted for power factor if the average power factor is less than 95%.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point or as specified in a special power sales contract.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENT:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number

4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the billing period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

INCREMENTAL LOAD: Additional irrigation load for a customer served under this schedule is to be billed under this same schedule.

SCHEDULE 73

LARGE AGRICULTURAL IRRIGATION PUMPING STATION WITH MILES OF LINE CHARGE

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power in excess of 300 horsepower served by one meter, served by a District substation at 2.4kV or higher voltage, or as covered by special power sales contract and subject to the District's Miles of Line Charge.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Monthly Miles of Line Charge:

\$252.77 per mile of distribution feeder line

Monthly Energy Charge:

\$0.0426 per kWh

Monthly Demand Charge:

\$4.33 per kilowatt billing demand per billing period

MINIMUM ANNUAL BILL: Shall be the Monthly Miles of Line Charge before any applicable adjustments.

MILES OF LINE CHARGE: Monthly miles of line charge will be based on each customer's miles of distribution line that serve irrigation load. The District's geographical information system (GIS) will be utilized to determine the miles of line for each customer and will be updated on an annual basis in accordance with the District's internal directive.

BILLING DEMAND: The billing demand shall be the measured demand for the month, adjusted for power factor if the average power factor falls below 95%.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point or as specified in a special power sales contract.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%

3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the billing period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor
 Where kWh = Kilowatt-Hours
 Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

ANNUAL FACILITIES CHARGE UNWIND: In addition to all other charges above, there may be an Annual Facilities Charge unwind charge or credit applied to the bill on a monthly basis until each customer has paid or received their full unwind charge or credit.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

INCREMENTAL LOAD: Additional irrigation load for a customer served under this schedule is to be billed under this same schedule.

SCHEDULE 74
AGRICULTURAL IRRIGATION SPRINKLER WHEELTURNING

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power for wheelturning for customers that are not subject to the Miles of Line Charge.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Monthly Energy Charge:

\$0.0502 per kWh

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

SCHEDULE 75
AGRICULTURAL IRRIGATION SPRINKLER WHEELTURNING
WITH MILES OF LINE

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power for wheelturning for customers that are subject to the Miles of Line Charge.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Monthly Energy Charge:

\$0.0438 per kWh

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

SCHEDULE 76
LARGE AGRICULTURAL IRRIGATION PUMPING STATION

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power in excess of 300 horsepower served by one meter, served by a District substation at 2.4kV or higher voltage, or as covered by special power sales contract.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Daily System Charge:

\$1.23 per day

Monthly Energy Charge:

\$0.0426 per kWh

Monthly Demand Charge:

\$3.74 per kilowatt billing demand per billing period

MINIMUM ANNUAL BILL: Shall be the Daily System Charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month, adjusted for power factor if the average power factor falls below 95%.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point or as specified in a special power sales contract.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the billing period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

INCREMENTAL LOAD: Additional irrigation load for a customer served under this schedule is to be billed under this same schedule.

SCHEDULE 80
NEW LARGE SINGLE LOAD

AVAILABLE: In all territory served by the District.

APPLICABLE: To new large industrial loads greater than 10,000 kW demand, served under a power sales contract with the District.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE: New large load customers will be served at rates determined under a contract negotiated with the District.

SCHEDULE 85
FLATS - UNMETERED ELECTRIC SERVICE

AVAILABLE: In all territory served by the District.

APPLICABLE: To electric services with fixed and known monthly kWh usages designated by the District. Examples of this include, but are not limited to, flashing crosswalk lights, amplifiers for cable TV, etc.

CHARACTER OF SERVICE: Sixty hertz alternating current, single-phase, at available secondary voltage.

RATE:

Monthly Energy Charge:

\$0.0710 per kWh

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

SCHEDULE 90
INTERCONNECTION, TRANSFER OF POWER AGREEMENTS, AND
CONSTRUCTION OPERATION AND MAINTENANCE AGREEMENTS

AVAILABLE: In all territory served by the District.

APPLICABLE: To interconnection agreement customers generating not more than 300kW measured demand at all times. To transfer of power agreements, and construction operation and maintenance agreements. A connection fee may apply per the District's Standards for Interconnection with Electric Generators with a capacity of not more than 300 kilowatts.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Monthly Energy Charge:

\$0.0483

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

GLOSSARY

DAILY SYSTEM CHARGE: Rate component designed to recover certain fixed costs involved in providing electricity to a home or business, including such things as maintaining substations, poles and lines, meters, issuing bills, and maintaining records. There is a minimum level of infrastructure required to serve a customer.

MONTHLY ENERGY CHARGE: Rate component designed to recover variable power supply costs. Monthly energy charge currently includes a portion of fixed costs.

MONTHLY DEMAND CHARGE: Rate component designed to recover fixed costs associated with sizing the system to handle the maximum amount of energy consumed at a moment in time. The demand measured by the District's meter during each billing period shall be rounded to the nearest whole number.

Redlined Version

SCHEDULE 11 RESIDENTIAL

AVAILABLE: In all territory served by the District.

APPLICABLE: To domestic use of electric energy by all residential urban and rural customers which may include community lawn irrigation systems and single family residential swimming pools.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$0.63 per day

~~Monthly Energy Charge effective through September 30, 2023:~~

~~\$0.0739 per kWh~~

Monthly Energy Charge effective October 1, 2023:

\$0.0688 per kWh

Monthly Demand Charge effective October 1, 2023:

\$1.00 per kW during Peak Hours

PEAK HOURS: Peak Hours are defined as follows:

- October 1 through April 30, inclusive are Monday through Friday 6:00 a.m. to 9:00 a.m. and 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.
- May 1 through September 30, inclusive are Monday through Friday 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.

HOLIDAYS: Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. In the event the holiday falls on a Sunday, all hours during the following Monday will be excluded from the Peak Hours.

BILLING DEMAND: The Demand Charge shall be multiplied by the maximum 1-hour kW demand measured by the District's meter for the Peak Hours during each billing period. The demand measured shall be rounded to the nearest whole number.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 12
RESIDENTIAL – SECONDARY METER

AVAILABLE: In all territory served by the District.

APPLICABLE: To domestic use of electric energy by all residential customers with a second electrical service (meter) at a service location that is a single-family residence. To qualify for this rate schedule, the second service must meet all of the following criteria: 1) be fed from the same transformer that serves the primary residence, AND 2) be served by a 50 kVa or less sized transformer, AND 3) not be a living space. The secondary electrical service may include services to a detached structure (e.g. barn, garage, shed, shop, etc.) located on the same parcel of land as the primary electrical service, a single family residential swimming pool, or household water pump. The secondary electrical service shall not be used to serve commercial businesses and buildings, secondary living spaces, security lighting, or irrigation accounts. The District may waive the requirement for services to be located on the same parcel of land in the case of a shared service providing benefit to multiple property owners (e.g. community well).

Customers may apply for the secondary service rate and eligibility will be verified by District field personnel. Customers who are on this schedule and convert the second service to a different usage (i.e. a shop is converted to a commercial business or a separate residence) are required to notify the District prior to any change of use. In the event of a change in use that no longer qualifies for this rate schedule, the account will be changed to the applicable rate schedule (residential, commercial, etc.). If the District is not notified of the change, and it is determined the change disqualifies the secondary service from this rate schedule, the District reserves the right to adjust prior bills from the date an increase of load appears on the monthly readings or as otherwise reasonably determined by the District.

CHARACTER OF SERVICE: Sixty (60) hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$0.32 per day

~~Monthly Energy Charge effective through September 30, 2023:~~

~~\$ 0.0739 per kWh~~

Monthly Energy Charge effective October 1, 2023:

\$0.0688 per kWh

Monthly Demand Charge effective October 1, 2023:

\$1.00 per kW during Peak Hours

PEAK HOURS: Peak Hours are defined as follows:

- October 1 through April 30, inclusive are Monday through Friday 6:00 a.m. to 9:00 a.m. and 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.

- May 1 through September 30, inclusive are Monday through Friday 5:00 p.m. to 8:00 p.m. Pacific Time excluding all hours on holidays.

HOLIDAYS: Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. In the event the holiday falls on a Sunday, all hours during the following Monday will be excluded from the Peak Hours.

BILLING DEMAND: The Demand Charge shall be multiplied by the maximum 1-hour kW demand measured by the District's meter for the Peak Hours during each billing period. The demand measured shall be rounded to the nearest whole number.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and multiple metering points.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 21
SMALL GENERAL SERVICE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules where measured demand is less than 50 kW during any calendar year. Services are assigned this rate schedule when the usage information provided at the time the account is established meets the above criteria or when available, based on actual measured demand incurred by the previous customer. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

Single-phase\$0.55 per day
Multi-phase..... \$0.82 per day

~~Monthly Energy Charge effective through March 31, 2023:~~

~~\$0.0663 per kWh~~

Monthly Energy Charge effective April 1, 2023:

\$0.0630 per kWh

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

SCHEDULE 22
MEDIUM GENERAL SERVICE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules where measured demand is greater than 50 kW anytime and less than 300 kW at least ten (10) times during any calendar year. Services are assigned this rate schedule when the usage information provided at the time the account is established meets the above criteria or when available, based on actual measured demand incurred by the previous customer. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$1.65 per day

~~Monthly Energy Charge effective through March 31, 2023:~~

~~\$ 0.0577 per kWh~~

~~Monthly Demand Charge effective through March 31, 2023:~~

~~First 50 kW of demand per month: no demand charge.~~

~~Excess above 50 kW of demand per month: \$9.82 per kilowatt billing demand per billing period.~~

Monthly Energy Charge effective April 1, 2023:

\$ 0.0548 per kWh

Monthly Demand Charge effective April 1, 2023:

First 50 kW of demand per month: no demand charge.

Excess above 50 kW of demand per month: \$9.33 per kilowatt billing demand per billing period.

BILLING DEMAND: The billing demand under this rate schedule shall be the highest of the following:

1. The measured demand for the month adjusted for power factor less 50 kW.
2. Or as specified in a separate contract.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 23
LARGE GENERAL SERVICE NON TIME-OF-USE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules, where measured demand equals or exceeds 300 kW at least 3 months in a calendar year, but never exceeds 3500 kW. Services are assigned this rate schedule when the usage information provided at the time the account is established meets the above criteria or when available, based on actual measured demand incurred by the previous customer. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$2.01 per day

Monthly Energy Charge:

\$0.0471 per kWh

Monthly Demand Charge:

First 50 kW of demand per month: no demand charge.

Excess above 50 kW of demand per month: \$8.15 per kilowatt billing demand per billing period.

BILLING DEMAND: The billing demand under this rate schedule shall be the highest of the following:

1. The measured demand for the month adjusted for power factor less 50 kW.
2. Or as specified in a separate contract.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

SCHEDULE DURATION: Customers meeting the Large General Service criteria and taking service under this schedule must be served under this rate schedule for a minimum of 12 consecutive months before choosing to take service under an alternative Large General Service rate schedule.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract. Primary Facility charges will apply. Additionally the District may require a contribution from the customer if an electric system improvement such as a new substation is needed as a result of new or additional load.

SCHEDULE 24
LARGE GENERAL SERVICE – TIME-OF-USE

AVAILABLE: In all territory served by the District.

APPLICABLE: To commercial, industrial, public buildings, irrigation district pumping not meeting the criteria for agricultural irrigation rate schedules, and other services not eligible under other rate schedules, where measured demand equals or exceeds 300 kW at least 3 months in a calendar year, but never exceeds 3500 kW. Time-of-use metering may be provided by the District upon receipt of a customer's written request and may be at customer expense. The District may also install time-of-use metering at its discretion and expense. The District reserves the right to review accounts and reclassify the rate schedule on an as needed basis or at the request of a customer.

Starting January 1, 2023, all accounts with at least twelve months of billing history will be reviewed annually in order to determine if the accounts are in the correct rate schedule. Accounts not meeting the criteria above will be moved to the appropriate rate schedule based on usage information from the previous calendar year. The review and reclassification process will be completed in the first quarter and take effect with the first billing in the second quarter.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$2.01 per day

Monthly Energy Charge:

Time of Use:

kWh used Monday through Saturday,
6:00 a.m. to 10:00 p.m.....\$0.0479 per kWh
used all other hours.....\$0.0423 per kWh

Monthly Demand Charge:

First 50 kW of demand per month: no demand charge.
Excess above 50 kW of demand per month: \$8.15 per kilowatt billing demand per billing period.

BILLING DEMAND: The billing demand under this rate schedule shall be the highest of the following:

1. The measured demand for the month adjusted for power factor less 50 kW.
2. Or as specified in a separate contract.

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption

shall be separately metered and billed.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

SCHEDULE DURATION: Customers meeting the Large General Service criteria and taking service under this schedule must be served under this rate schedule for a minimum of 12 consecutive months before choosing to take service under an alternative Large General Service rate schedule.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract. Primary Facility charges will apply. Additionally the District may require a contribution from the customer if an electric system improvement such as a new substation is needed as a result of new or additional load.

SCHEDULE 34
LARGE INDUSTRIAL

AVAILABLE: In all territory served by the District.

APPLICABLE: To existing or new large industrial loads greater than 3,500 kW demand and no more than 10,000 kW demand. In order to qualify for this rate schedule a customer must submit prior to initiation of service a District approved electrical capacity and energy consumption plan which shows the customer will be eligible for this rate within the first three months of service. If such a plan is submitted showing that a customer will meet eligibility for this rate, then regardless of actual consumption, the customer will be billed using this rate schedule. After the first three months, the customer will be billed each month using the current billed month demand as the criteria to determine the appropriate rate schedule. A customer that has established eligibility for this rate class for a previous twelve month time period may remain on this rate schedule up to six months without needing to meet the criteria solely at the District's discretion. This rate schedule does not apply to Large Electricity Intensive Loads (See Schedule 35).

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Daily System Charge:

\$7.75 per day

Monthly Energy Charge:

\$0.0395 per kWh

Monthly Demand Charge:

\$8.77 per kilowatt billing demand per billing period

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month and will adjusted for power factor if the average power factor is less than 95%.

DELIVERY POINT: For purposes of meeting the criteria for this rate schedule, the aggregated load of a customer's entire industrial campus or property will be used to determine eligibility. All separately metered services located in the industrial property will be billed separately using this rate schedule. Customer loads at multiple campuses or properties may not be aggregated for purposes of qualifying for this rate schedule.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the one-hour period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENT:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the Billing Period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract. The District may require a contribution from the Customer for the Customer's requested special facilities investment.

SCHEDULE 35
LARGE ELECTRICITY INTENSIVE LOAD (EIL)

AVAILABLE: In all territory served by the District.

APPLICABLE: To existing or new large EIL load with non-coincidental demand greater than 3,500 kW. These loads will be served under a power sales contract with the District. Large EIL is defined as customers whose electrical load has both of the following attributes:

1. Customer load where electricity is the predominant input to the business production and demand for electricity has significant variability.
2. Any load where the load factor or total energy consumption is estimated to be or is appreciably higher than:
 - a. Previous consumption at the service location, or
 - b. Other customers operating in a similarly-sized and type of facility.

Examples include but are not limited to: server farms, an aggregation of microprocessor-based computing equipment within a building (e.g. home, garage/shop or business), structure (shipping container or other container), or special purpose data centers.

The total energy consumption by District customers on an annual basis exceeds our firm allocation of wholesale energy resources provided by the Bonneville Power Administration which may require the District to make wholesale electricity purchases to balance demand and supply. On a more granular basis, such as daily or hourly, the District has substantial wholesale energy deficits during certain times of the year where additional supply must be procured. The District performs long-term planning for power supply to mitigate the operational and financial risk of wholesale power supply deficits which requires contractually binding commitments including but not limited to long-term resource acquisition, procurement of short or long term physical call options, and the use of financial hedging. As more and more firm dispatchable generation is retired in the pacific northwest region, these future contractual commitments are expected to become more difficult to secure and may come with higher costs. EIL loads operate in an extremely price sensitive and volatile market where loads must be scaled back quickly if it is uneconomical to run. The transitory and volatile load associated with EIL customers is not compatible with long-term electric utility power supply planning and presents a financial risk to the rest of the District's customers. As a way to mitigate and balance that risk the District will aggregate all EIL loads of the customer regardless of location and if the total non-coincidental demand exceeds 3,500 kW, all services will be subject to the District's Large Electricity Intensive Load Rate Schedule 35.

An EIL Customer is defined as an individual or entity who has the ultimate financial responsibility and decision authority to operate on a daily basis for one or more EIL accounts regardless of the name or UBI associated with each account. For example, if multiple entities have the same parent company or corporate officers or partners, they will be treated as one customer.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE: Large EIL customers will be served at rates determined under a contract negotiated with the District.

SCHEDULE 51
STREET LIGHTING

AVAILABLE: In all territory served by the District.

APPLICABLE: To governmental agencies and municipal corporations upon receipt of an authorized application for the supply of lighting facilities or energy and maintenance of lighting systems for public streets, alleys, thoroughfares, grounds and parks.

TYPES OF LIGHTING: Lighting systems installed and owned by the District shall consist of mast arms and luminaries mounted on poles. Customer-owned systems will be supplied at voltages specified by the District.

MONTHLY RATES:

Type and Size of Lamp	District-Owned Facilities		Customer-Owned Facilities	
	Metered	Unmetered	Metered (See Small General Service Rates)	Unmetered
50w. Ind. / LED				\$2.07
135w. Ind. / LED				\$3.46
200w. Ind. / LED				\$4.58
<u>36w. LED</u>	<u>\$2.20</u>	<u>\$3.83</u>		<u>\$1.63</u>
42w. LED	\$2.20	\$4.10		\$1.91
53w. LED	\$2.20	\$4.60		\$2.40
54w. LED	<u>\$2.20</u>	<u>\$4.64</u>		\$2.44
<u>88w. LED</u>	<u>\$2.20</u>	<u>\$5.21</u>		<u>\$3.01</u>
101w. LED	\$2.20	\$5.65		\$3.45
110w. LED	<u>\$2.20</u>	<u>\$5.68</u>		\$3.48
139w. LED	\$2.20	\$5.73		\$3.52
<u>170w. LED</u>	<u>\$2.20</u>	<u>\$6.50</u>		<u>\$4.30</u>
180w. LED	<u>\$2.20</u>	<u>\$6.75</u>		\$4.55
220w. LED	<u>\$2.20</u>	<u>\$7.42</u>		\$5.22
260w. LED	<u>\$2.20</u>	<u>\$8.08</u>		\$5.88
100w.H.P.S.	\$6.09	\$7.72		\$4.32
150w.H.P.S.		\$8.59		\$5.15
200w.H.P.S.	\$6.11	\$9.67		\$6.24
250w.H.P.S.	\$6.13	\$10.63		\$7.22
400w.H.P.S.	\$6.14	\$12.98		\$9.56
*175w.Mer.Vap.	\$5.78	\$8.73		\$5.33
*250w.Mer.Vap.	\$5.99	\$10.51		\$7.11

* No longer available after March 1, 1982.

Lights installed that are not listed in the above rate chart will be billed at the monthly rate associated with the lamp type and size to the nearest lesser wattage rate of a similar type. When a lesser wattage rate is not available, it will be assigned to the nearest rate of a similar type.

The rate for District-owned systems includes routine maintenance and replacement of light emitting diode (LED), high pressure sodium (HPS), and Mercury Vapor lamps, photocells and luminaries. The monthly rate for Induction (IND) type lighting does not include routine maintenance and replacement. Routine maintenance and replacement of Induction lighting is the customers' responsibility. The rate does not cover

unusual damage or failure of the system requiring major component replacements. Maintenance of the system will be performed during normal District working hours. It is the customer's responsibility to provide ingress/egress easements for the District to perform any necessary repairs. Customer will provide trench and backfill for installation or replacement of underground conditions. The cost of additional District-owned poles (wood or metal) including installation is to be collected by the District at the time of construction.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 61
SECURITY LIGHTING

AVAILABLE: In all territory served by the District.

APPLICABLE: To any electric customer where the District has existing facilities or public accessible locations.

TYPE OF LIGHTING: The District will furnish and install lighting fixtures, overhead, electrical equipment, lamps and electric energy, and will maintain and relamp the units.

MONTHLY RATES: Where a suitable pole for mounting the luminaries exists, the District will furnish and maintain the above described service at the following monthly rate:

Type & Size of lamp	Customer-Owned Facilities			District-Owned Facilities	
	Metered	Unmetered	Energy Only	Metered	Unmetered
46w. LED		\$4.09	\$1.10		\$7.34
58w. LED		\$4.18	\$1.38		\$7.52
*100w.H.P.S.		\$6.13	\$2.38	\$8.62	\$11.01
*150w.H.P.S.		\$7.66	\$3.69	\$9.05	\$12.15
*175w.Mer.Vap.		\$7.94	\$4.40	\$8.65	\$12.38
*250w.Mer.Vap.		\$10.57	\$6.71	\$8.94	\$14.77
*400w.Mer.Vap.		\$14.14	\$10.19	\$9.01	\$18.31
*1000w.Mer.Vap.		\$28.85	\$24.28	\$8.97	\$33.23

Lights installed that are not listed in the above rate chart will be billed at the monthly rate associated with the lamp type and size to the nearest lessor wattage rate of a similar type. When a lessor wattage rate is not available, it will be assigned to the nearest rate of a similar type.

The District no longer installs poles for the sole purpose of security light installation. For customers with preexisting installations, the District will continue to maintain poles at the monthly rates listed below added to the rate for the luminare.

- Standard Wood Pole, 30-35 feet \$3.28
- Standard Wood Pole with an
Underground Feed, 30-35 feet \$4.99
- **Direct Burial Steel with an
Underground Feed, 30 feet..... \$5.87

The above charge will be applicable where the installation is made on a non-District joint use pole.

- * No longer available for future installation.
- ** Not available as a standard installation after April 1, 1975.

SPECIAL CONDITIONS: The property owner shall agree to accept and pay for the service set forth in this rate schedule for a minimum period of three years.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District. If a customer would like to request a change to their light type, please contact Benton PUD at 509-582-2175 for a cost estimate.

SCHEDULE 71
SMALL AGRICULTURAL IRRIGATION

AVAILABLE: In all territory served by the District.

APPLICABLE: To electric services primarily used in irrigation pumping for agricultural food production on a commercial consumption basis or for services used in livestock food production with 300 horsepower or less. Energy delivered under this schedule may also be used for lighting essential to the pumping operation.

CHARACTER OF SERVICE: Sixty hertz alternating current, single-phase and three-phase, at available secondary voltage. At the discretion of the District single-phase service may be furnished provided individual motor capacity is not in excess of 7.5 horsepower.

RATE:

Daily System Charge:

\$0.19 per day

Monthly Energy Charge:

\$0.0535 per kWh

Monthly Demand Charge:

\$3.43 per kW billing demand per billing period

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District.

SCHEDULE 72
LARGE AGRICULTURAL IRRIGATION

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power in excess of 300 horsepower served by one meter or as covered by special power sales contract and not subject to the District's Miles of Line Charge served by the District's distribution system.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, sixty-hertz, at available secondary voltage.

RATE:

Daily System Charge:

\$1.23 per day

Monthly Energy Charge:

\$0.0454 per kWh

Monthly Demand Charge:

\$3.67 per kilowatt billing demand per billing period

MINIMUM MONTHLY BILL: Shall be the daily system charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month, adjusted for power factor if the average power factor is less than 95%.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point or as specified in a special power sales contract.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENT:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number

4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the billing period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

INCREMENTAL LOAD: Additional irrigation load for a customer served under this schedule is to be billed under this same schedule.

SCHEDULE 73

LARGE AGRICULTURAL IRRIGATION PUMPING STATION WITH MILES OF LINE CHARGE

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power in excess of 300 horsepower served by one meter, served by a District substation at 2.4kV or higher voltage, or as covered by special power sales contract and subject to the District's Miles of Line Charge.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Monthly Miles of Line Charge:

\$252.77 per mile of distribution feeder line

Monthly Energy Charge:

\$0.0426 per kWh

Monthly Demand Charge:

\$4.33 per kilowatt billing demand per billing period

MINIMUM ANNUAL BILL: Shall be the Monthly Miles of Line Charge before any applicable adjustments.

MILES OF LINE CHARGE: Monthly miles of line charge will be based on each customer's miles of distribution line that serve irrigation load. The District's geographical information system (GIS) will be utilized to determine the miles of line for each customer and will be updated on an annual basis in accordance with the District's internal directive.

BILLING DEMAND: The billing demand shall be the measured demand for the month, adjusted for power factor if the average power factor falls below 95%.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point or as specified in a special power sales contract.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%

3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the billing period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor
 Where kWh = Kilowatt-Hours
 Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

ANNUAL FACILITIES CHARGE UNWIND: In addition to all other charges above, there may be an Annual Facilities Charge unwind charge or credit applied to the bill on a monthly basis until each customer has paid or received their full unwind charge or credit.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

INCREMENTAL LOAD: Additional irrigation load for a customer served under this schedule is to be billed under this same schedule.

SCHEDULE 74
AGRICULTURAL IRRIGATION SPRINKLER WHEELTURNING

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power for wheelturning for customers that are not subject to the Miles of Line Charge.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Monthly Energy Charge:

\$0.0502 per kWh

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

SCHEDULE 75
AGRICULTURAL IRRIGATION SPRINKLER WHEELTURNING
WITH MILES OF LINE

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power for wheelturning for customers that are subject to the Miles of Line Charge.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Monthly Energy Charge:

\$0.0438 per kWh

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

SCHEDULE 76
LARGE AGRICULTURAL IRRIGATION PUMPING STATION

AVAILABLE: In all territory served by the District.

APPLICABLE: To agricultural irrigation power in excess of 300 horsepower served by one meter, served by a District substation at 2.4kV or higher voltage, or as covered by special power sales contract.

CHARACTER OF SERVICE: Sixty hertz alternating current, three-phase, at available secondary voltage.

RATE:

Daily System Charge:

\$1.23 per day

Monthly Energy Charge:

\$0.0426 per kWh

Monthly Demand Charge:

\$3.74 per kilowatt billing demand per billing period

MINIMUM ANNUAL BILL: Shall be the Daily System Charge before any applicable adjustments.

BILLING DEMAND: The billing demand shall be the measured demand for the month, adjusted for power factor if the average power factor falls below 95%.

DELIVERY POINT: The above rates are based upon the supply of service through a single delivery and metering point or as specified in a special power sales contract.

DETERMINATION OF DEMAND: Demand measurement shall be made by suitable instruments at the point of delivery. Demand for any month shall be defined as the average kilowatt delivery during the thirty-minute period in which the consumption of energy is the greatest during the month for which determination is made.

POWER FACTOR ADJUSTMENTS:

If the average power factor at which power is delivered to the customer during the billing period is 95% or more, no adjustment will be made in the registered kilowatt demand.

If the average power factor is less than 95%, then the registered kilowatt demand (KW) shall be adjusted. This adjustment will consist of:

1. Calculate the average power factor using the formula below
2. Subtract the average power factor from 95%
3. Multiply the average power factor difference by the registered KW, rounded up to nearest whole number
4. Multiply the product by the Monthly Demand Charge rate to determine the Power Factor Adjustment.

The average power factor will be determined by measurement of kilowatt-hours and reactive kilovolt-ampere-hours during the billing period using the following formula:

$$pf = \frac{kWh}{\sqrt{(kWh)^2 + (kvarh)^2}}$$

Where pf = Average Power Factor

Where kWh = Kilowatt-Hours

Where kvarh = Kilovolt-Ampere Reactive Hours

The meter measuring volt-ampere reactive hours shall be ratcheted to prevent reverse rotation when the power factor of the load is leading.

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

INCREMENTAL LOAD: Additional irrigation load for a customer served under this schedule is to be billed under this same schedule.

SCHEDULE 80
NEW LARGE SINGLE LOAD

AVAILABLE: In all territory served by the District.

APPLICABLE: To new large industrial loads greater than 10,000 kW demand, served under a power sales contract with the District.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE: New large load customers will be served at rates determined under a contract negotiated with the District.

SCHEDULE 85
FLATS - UNMETERED ELECTRIC SERVICE

AVAILABLE: In all territory served by the District.

APPLICABLE: To electric services with fixed and known monthly kWh usages designated by the District. Examples of this include, but are not limited to, flashing crosswalk lights, amplifiers for cable TV, etc.

CHARACTER OF SERVICE: Sixty hertz alternating current, single-phase, at available secondary voltage.

RATE:

Monthly Energy Charge:

\$0.0710 per kWh

GENERAL TERMS AND CONDITIONS: Service under this classification is subject to the Customer Service Policies of the District or as specified in a special power sales contract.

SCHEDULE 90
INTERCONNECTION, TRANSFER OF POWER AGREEMENTS, AND
CONSTRUCTION OPERATION AND MAINTENANCE AGREEMENTS

AVAILABLE: In all territory served by the District.

APPLICABLE: To interconnection agreement customers generating not more than 300kW measured demand at all times. To transfer of power agreements, and construction operation and maintenance agreements. A connection fee may apply per the District's Standards for Interconnection with Electric Generators with a capacity of not more than 300 kilowatts.

CHARACTER OF SERVICE: Sixty hertz alternating current of such phase and voltage as the District may have available.

RATE:

Monthly Energy Charge:

\$0.0483

DELIVERY POINT: The above rates are based upon the supply of service to the entire premises through a single delivery and metering point. Separate supply for the same customer at other points of consumption shall be separately metered and billed.

GLOSSARY


DAILY SYSTEM CHARGE: Rate component designed to recover certain fixed costs involved in providing electricity to a home or business, including such things as maintaining substations, poles and lines, meters, issuing bills, and maintaining records. There is a minimum level of infrastructure required to serve a customer.

MONTHLY ENERGY CHARGE: Rate component designed to recover variable power supply costs. Monthly energy charge currently includes a portion of fixed costs.

MONTHLY DEMAND CHARGE: Rate component designed to recover fixed costs associated with sizing the system to handle the maximum amount of energy consumed at a moment in time. The demand measured by the District's meter during each billing period shall be rounded to the nearest whole number.

<input checked="" type="checkbox"/>	<i>Business Agenda</i>
<input type="checkbox"/>	<i>Second Reading</i>
<input type="checkbox"/>	<i>Consent Agenda</i>
<input type="checkbox"/>	<i>Info Only/Possible Action</i>
<input checked="" type="checkbox"/>	<i>Info Only</i>

COMMISSION MEETING AGENDA ITEM

Subject:	Performance Measurement – 4th Quarter 2023 Report	
Agenda Item No:	8g	
Meeting Date:	February 13, 2024	
Authored by:	Kent Zirker	<i>Staff Preparing Item</i>
Presented by:	Jon Meyer	<i>Staff Presenting Item</i>
Approved by (dept):	Jon Meyer	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration

None.

Recommendation/Background

Performance measurement is a process that assesses the effectiveness of organizations or work groups in achieving their mission and objectives. The District has developed 17 performance measures aligned with District’s 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 4th quarter, 15 of the 17 performance measures were rated green as having positive quarterly performance and two were yellow. Staff will highlight the following measures during the Commission meeting:

- *Telephone Service Level*
- *Rates*
- *O&M/Capital*
- *O&M Costs per Customer*
- *Enterprise Application Reliability*

Summary

Staff have prepared the Performance Measurement Report for the 4th quarter of 2023. The report provides a review of actual vs. target performance for measurements.

Fiscal Impact

None.



2023 PERFORMANCE MEASURES

Q1	Q2	Q3	Q4
<u>Telephone Service Level</u>			

Annette Cobb
Page 2

Q1	Q2	Q3	Q4
<u>Electronic Payments</u>			

Annette Cobb
Page 3

Q1	Q2	Q3	Q4
<u>Service Order Process</u>			

Evan Edwards
Page 4

Q1	Q2	Q3	Q4
<u>Rates</u>			

Keith Mercer
Page 5/6

Q1	Q2	Q3	Q4
<u>Back Bill Rate</u>			

Annette Cobb
Page 7

Q1	Q2	Q3	Q4
<u>Reserves/Days Cash on Hand</u>			

Keith Mercer
Page 8

Q1	Q2	Q3	Q4
<u>O&M/Capital</u>			

Kent Zirker
Page 9

Q1	Q2	Q3	Q4
<u>O&M Costs per Customer</u>			

Kent Zirker
Page 10

Q1	Q2	Q3	Q4
<u>Collections</u>			

Annette Cobb
Page 11

Q1	Q2	Q3	Q4
<u>Safety</u>			

Steve Hunter
Page 12

Q1	Q2	Q3	Q4
<u>Safety Training & Meetings</u>			

Karen Dunlap
Page 13

Q1	Q2	Q3	Q4
<u>Conservation I-937</u>			

Chris Johnson
Page 14

Q1	Q2	Q3	Q4
<u>Broadband Network Reliability</u>			

Chris Folta
Page 15

Q1	Q2	Q3	Q4
<u>Electric Reliability</u>			

Evan Edwards
Page 16/17

Q1	Q2	Q3	Q4
<u>Electric System Outages</u>			

Evan Edwards
Pages 18 - 20

Q1	Q2	Q3	Q4
<u>Enterprise Application Reliability</u>			

Jennifer Holbrook
Page 21

Q1	Q2	Q3	Q4
<u>Infrastructure Component Reliability</u>			

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



Telephone Service Levels (Customer Service Queue)

2023 Status			
Q1	Q2	Q3	Q4
✓	✓	✓	▲
Year-to-Date:			✓

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 30 seconds and almost all calls within 120 seconds.

How Performance Measure is Computed

The performance measures are calculated by dividing the number of calls answered within 30 or 120 seconds by the total number of calls answered 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 January 2018 through February 2019. (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

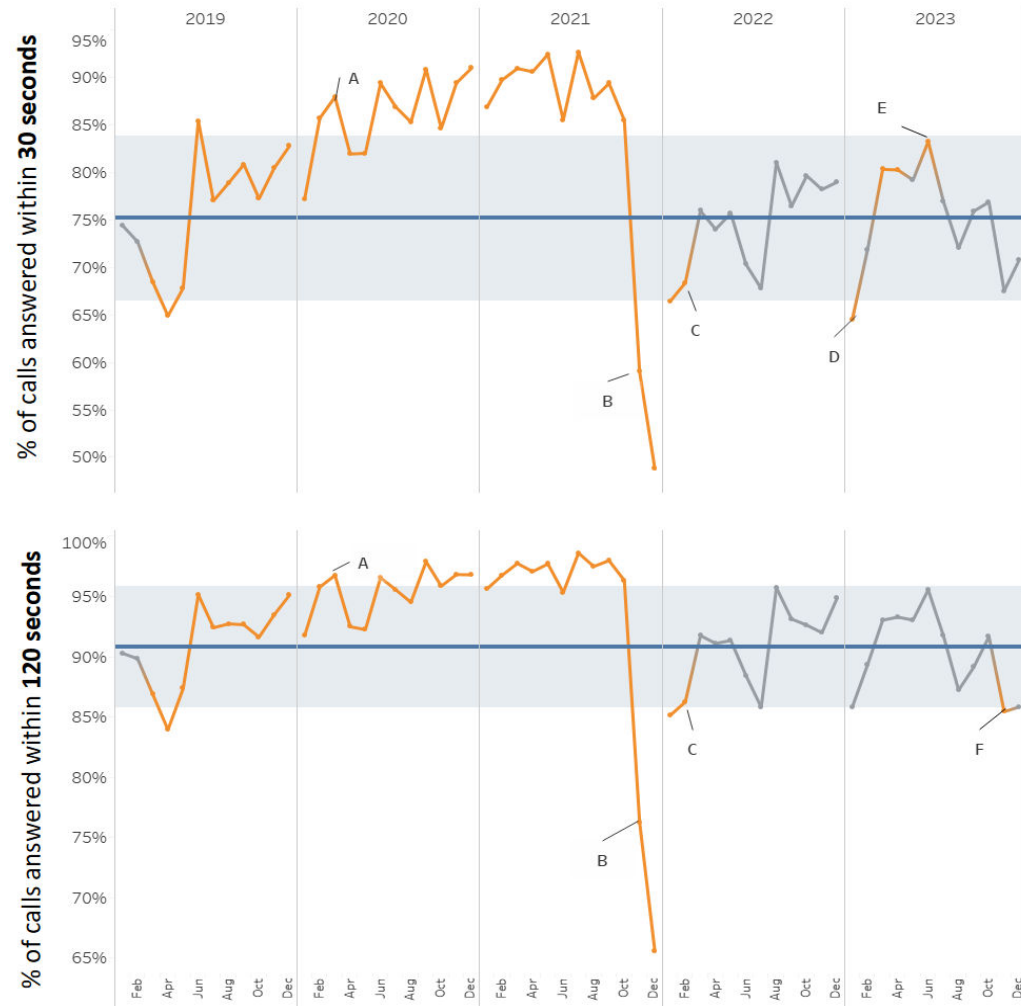
Performance Measure Objectives

The current objective is to carefully monitor the Customer Service queue and maintain telephone service levels within normal limits for at least six months. Returning to regular, ongoing credit processes after the pandemic and then modifying hours of operation and reducing the number of bill cycles reflects a new normal for the department. Managing the queue under these new circumstances will allow staff to evaluate performance expectations and then set further informed, appropriate performance objectives.

Quarterly Performance Summary

The 30 second measure was within normal limits throughout Q4. The 120 second measure showed an unfavorable outlier signal in November. This was due to a temporary and unavoidable reduction in available staff and performance is expected to return to normal when all staff is available and when the season for cold temperatures/high bills is passed and customers have grown accustomed to the residential demand charge. The overall rating for the year is green.

	# of calls answered within:	
	30 sec.	120 sec.
October	2,952	3,519
November	2,078	2,629
December	1,920	2,327
Quarter	6,950	8,475



Points of Interest

- A:** beginning of COVID-19 policies - no disconnects generated fewer phone calls
- B:** resumed disconnects and began offering Long Term Payment Arrangements, which increased calls
- C:** end of Customer Assistance Program and Long Term Payment Arrangement opportunities
- D:** higher daily call volumes due to high bills, bill cycle reduction, and CS schedule change
- E:** maintained a particular focus on the phone queue in Q3 due to the increase in customer communications related to residential demand
- F:** temporary reduction in available staff



Performance Measure Title
Electronic Payments

2023 Status			
Q1	Q2	Q3	Q4
✓	✓	✓	✓
Year-to-Date: ✓			

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 July 2022 through January 2023. (For more information on XmR charts, see Appendix A.)

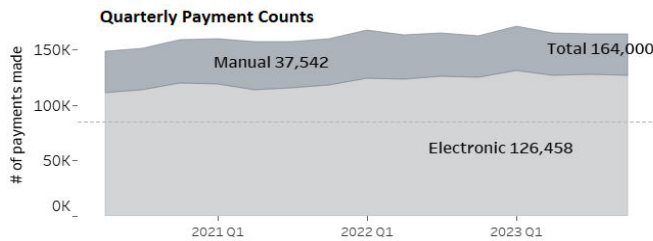
Performance Rating	
Green ✓	performance within limits, no unfavorable signal
Yellow ▲	showing an unfavorable signal, no action needed to correct
Red ✗	showing unfavorable signal, action needed to correct

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.

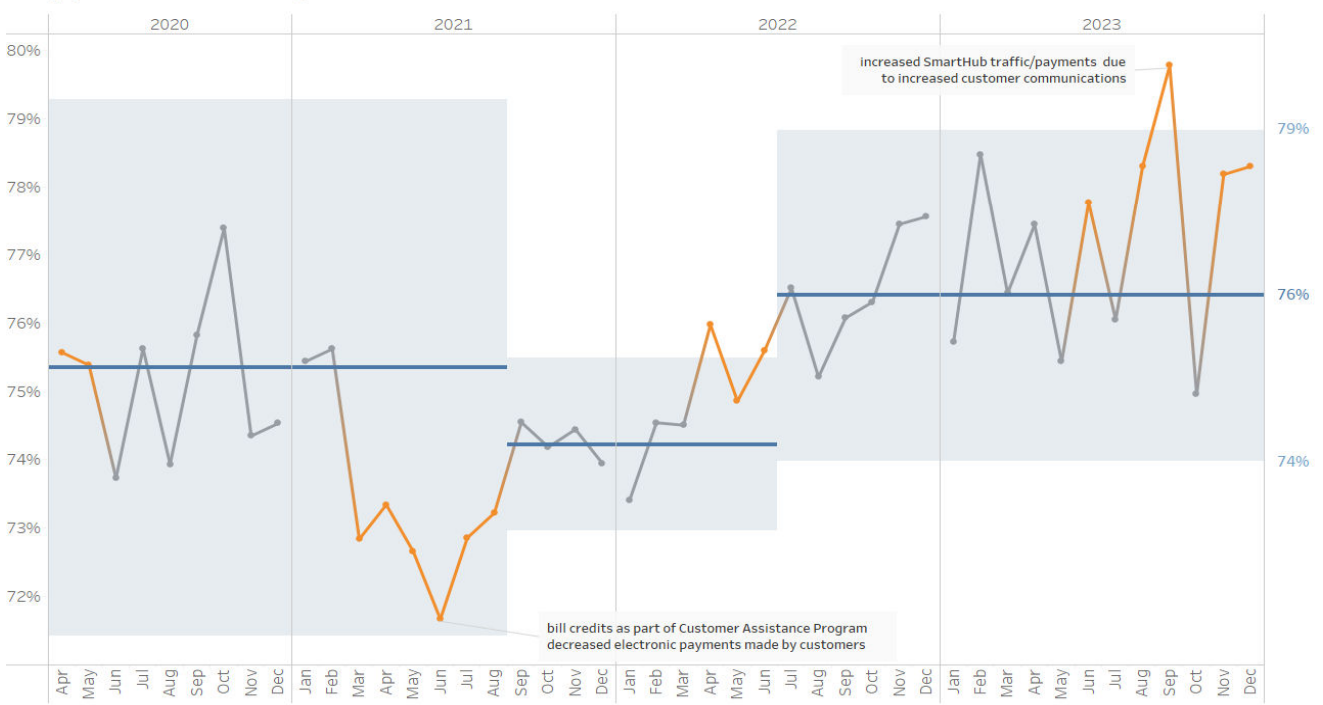
Quarterly Performance Summary

Customer utilization of electronic payments was within normal limits during Q4 and continued a favorable short run signal. The gradual ongoing adoption of AutoPay, Pay Now, and SmartHub App continue to drive an upward trend in performance. If/when the upward trend continues next quarter as expected, the limits will likely be recalculated to better fit expected performance. The central line is currently set at 76% of customer payments made electronically, with normal performance expected within ± 2.4% 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 2020
Manual	37,542	23%	▼2%
Auto Pay	49,663	30%	▲6%
SmartHub App	21,947	13%	▲3%
SmartHub Web	19,010	12%	▼1%
Pay Now	18,646	11%	▲2%
IVR	8,297	5%	▼2%
Bank Website	8,149	5%	▼3%
Kiosk	746	0%	▼2%

% of payments made electronically



Responsible Manager: Annette Cobb

Data Provider: Kristen Demory

Report Date: 1/18/2024



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

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

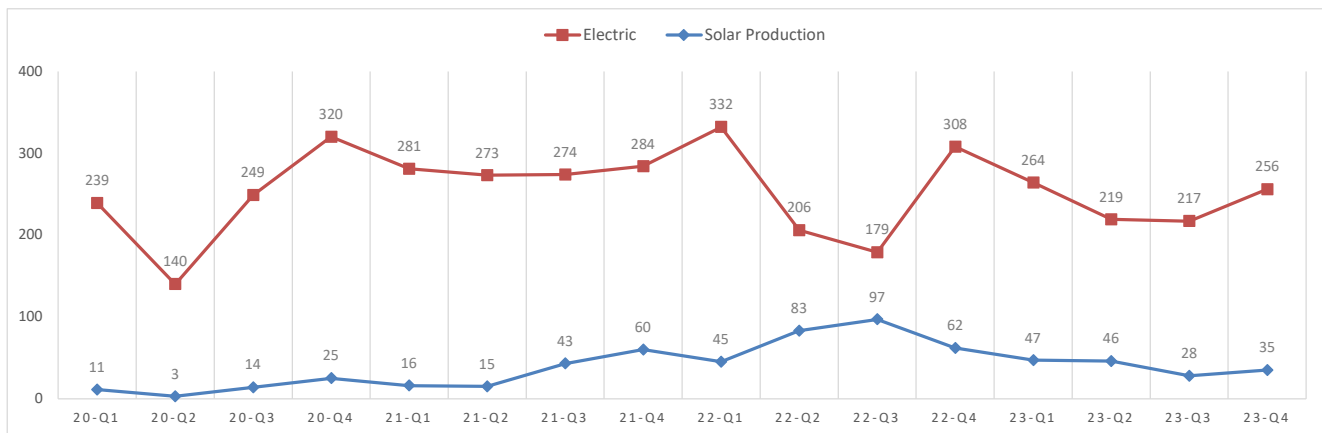
The goal is to energize new services within an average of 7 days after customer criteria has been met, then have the Service Order transitioned from Operations to Customer Service and have new accounts set up in CIS within an average of one week (5 days).

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

In Days	Q1		Q2		Q3		Q4	
	Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual
Connection (Chart)	7	2.3	7	2.0	7	3.2	7	2.4
CIS System	5	1.9	5	1.3	5	2.0	5	1.5
Total new services count		311		265		245		291

Quarterly Performance Summary

During the fourth quarter of 2023 it took on average 2.4 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 1.5 days, meeting the criteria of 5 days or less. There were a total of 291 new services energized (256 electric, 35 solar production) in the fourth quarter of 2023. We are green for the quarter and green for the Outlook.



	2020	2021	2022	2023
Electric	948	1112	1025	956
Solar Production	53	134	287	156
Total Services	1001	1246	1312	1112



Performance Measure Title
Rate Comparisons

2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

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 17 utilities throughout the Northwest and graph Benton PUD in relation to these utilities. Utilities selected for comparisons must purchase 60% or more of their power from BPA.

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	< \$125	\$115
Q2	< \$125	\$115
Q3	< \$125	\$115
Q4	< \$125	\$115

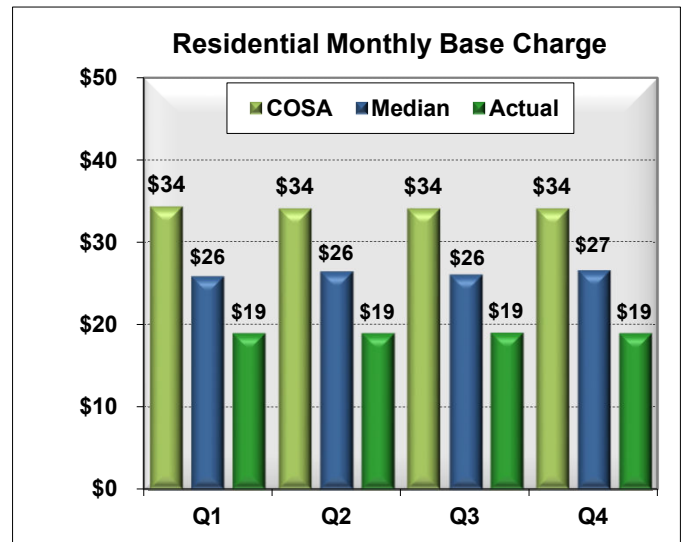
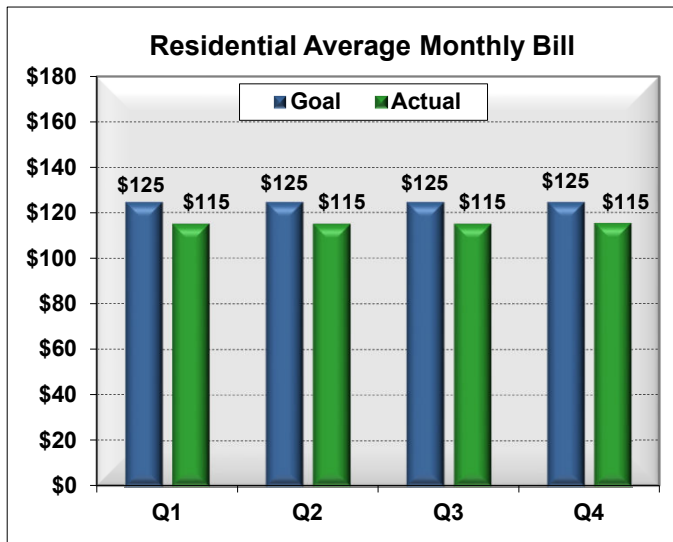
Residential Monthly Base Charge Comparison			
	COSA	Median	Actual
Q1	\$34	\$26	\$19
Q2	\$34	\$26	\$19
Q3	\$34	\$26	\$19
Q4	\$34	\$27	\$19

BPUD Avg Yearly Residential Rate Increase Compared to CPI-U*		
	BPUD Avg Yearly % Increase	CPI-U* Avg Yearly % Increase
5 Year	0.6%	4.0%
10 Year	1.4%	2.8%
15 Year	2.1%	2.4%

*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 Q4 2023 the District's Residential rates were below the median of comparable utilities for the average monthly bill so a green rating was assigned. In Q4, one of the benchmark utilities had a Residential rate increase; Umatilla Electric Cooperative (base charge increased 18% and energy charge increased 3% for an average increase of 6%). In Q3, none of the benchmark utilities had a Residential rate increase. In Q2, four of the benchmark utilities had a Residential rate increase; Inland Power & Light (base monthly charge increased by 1.8%), Mason PUD #3 (monthly energy charge increased by 4%), Snohomish PUD (an average of 2.1% increase) and Tillamook Utility District (an average of 3.6% increase). In Q1, one of the benchmark utilities had a Residential rate increase; Eugene Water & Electric (an average of 3.7% increase).



Responsible Manager: Keith Mercer

Data Provider: Katie Grandgeorge

Report Date: 1/25/2024



Performance Measure Title
Rate Comparisons

2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

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 17 utilities throughout the Northwest and graph Benton PUD in relation to these utilities. Utilities selected for comparisons must purchase 60% or more of their power from BPA.

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	< \$125	\$115
Q2	< \$125	\$115
Q3	< \$125	\$115
Q4	< \$125	\$115

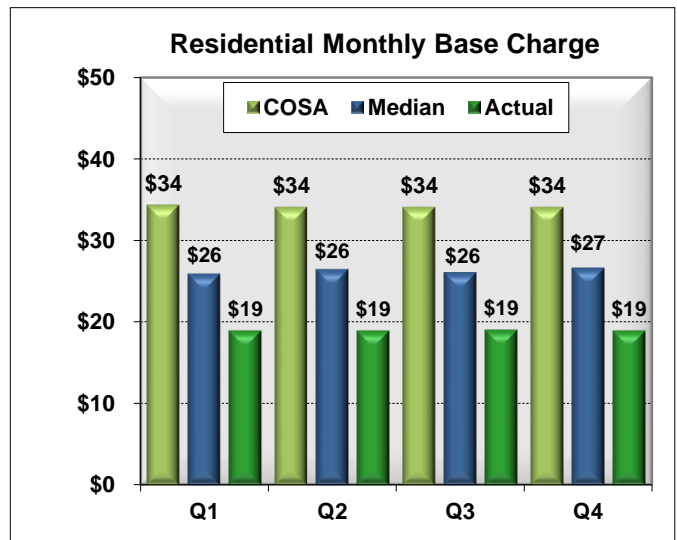
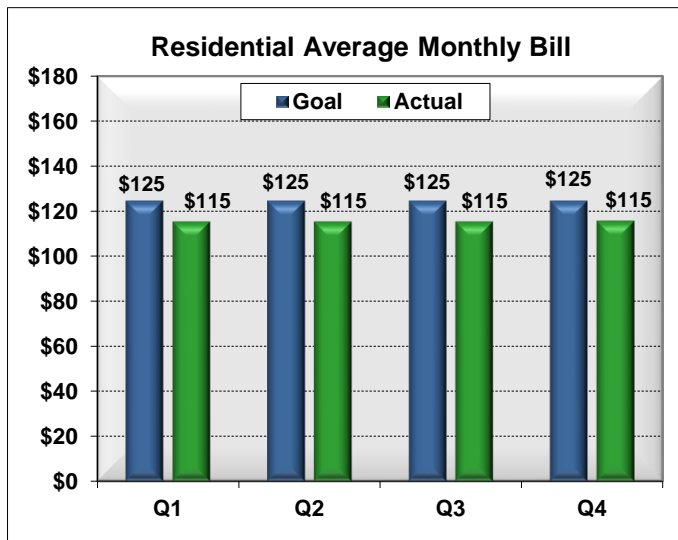
Residential Monthly Base Charge Comparison			
	COSA	Median	Actual
Q1	\$34	\$26	\$19
Q2	\$34	\$26	\$19
Q3	\$34	\$26	\$19
Q4	\$34	\$27	\$19

BPUD Avg Yearly Residential Rate Increase Compared to CPI-U*		
	BPUD Avg Yearly % Increase	CPI-U* Avg Yearly % Increase
5 Year	0.6%	4.0%
10 Year	1.4%	2.8%
15 Year	2.1%	2.4%

*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 Q4 2023 the District's Residential rates were below the median of comparable utilities for the average monthly bill so a green rating was assigned. In Q4, one of the benchmark utilities had a Residential rate increase; Umatilla Electric Cooperative (base charge increased 18% and energy charge increased 3% for an average increase of 6%). However, several Public Utility Districts (PUD's), Cooperative Utilities (Co-op's), and Investor-Owned Utilities (IOU's) are expecting rate increases in 2024, some in the double digits. The graphs on the following page provide detailed information on the residential average monthly bill comparison that includes the 17 utilities mentioned above as well as 17 additional utilities in the Northwest.

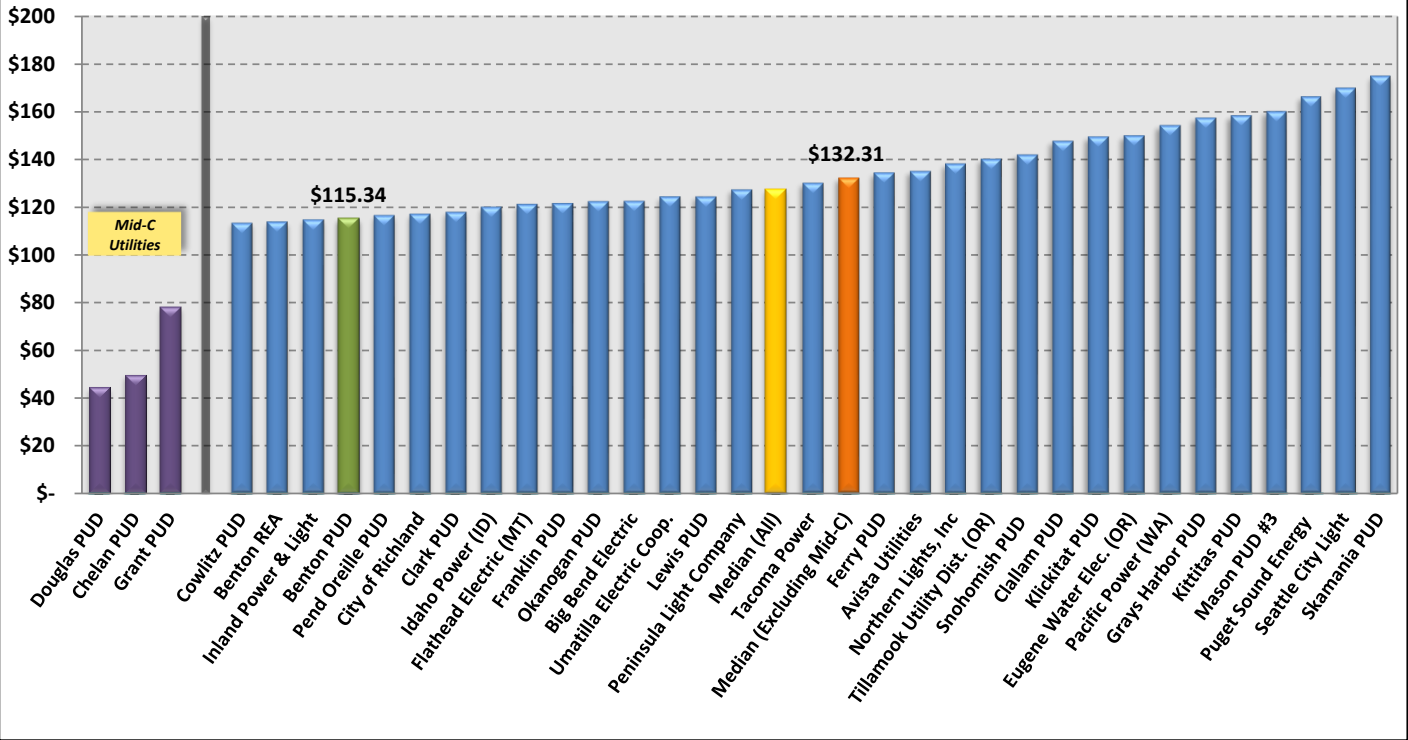


Responsible Manager: Keith Mercer

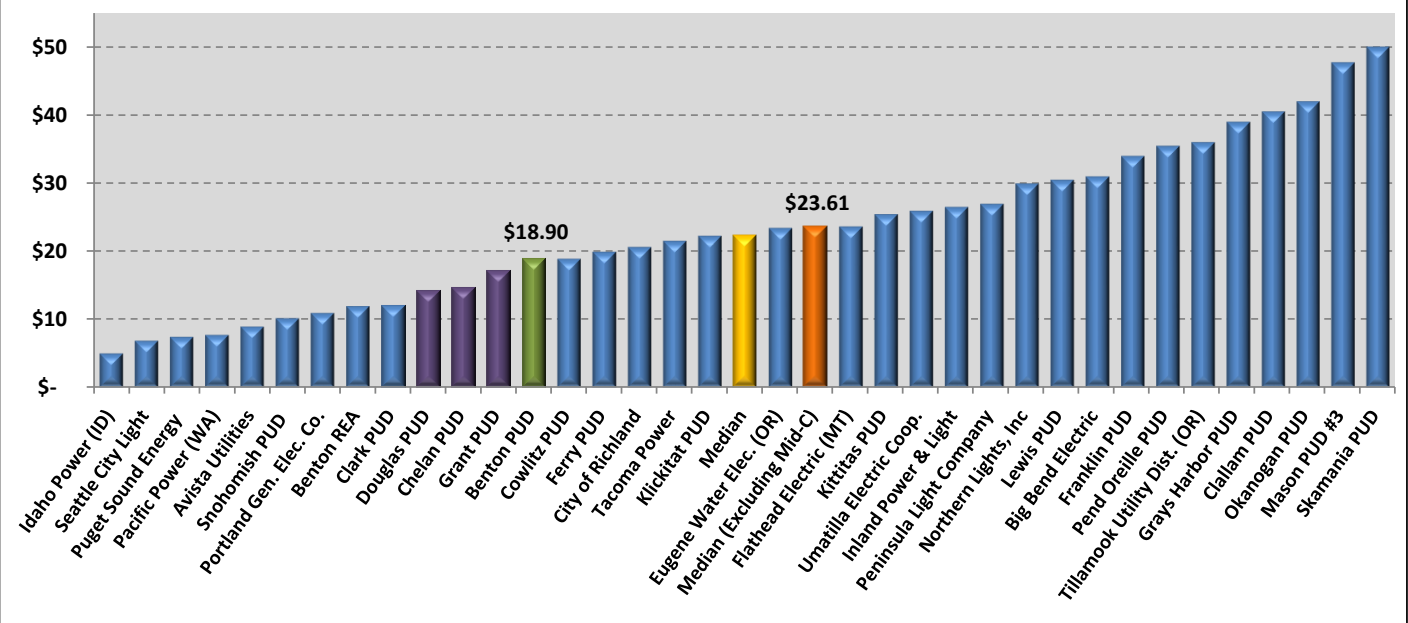
Data Provider: Katie Grandgeorge

Report Date: 1/25/2024

Average Monthly Residential Bill Comparison at 1,300 kWh



Monthly Base Charge Comparison (30 Days)



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.



2023 Status			
Q1	Q2	Q3	Q4
●	●	●	●
Year-to-Date:			●

Performance Measure Title

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.

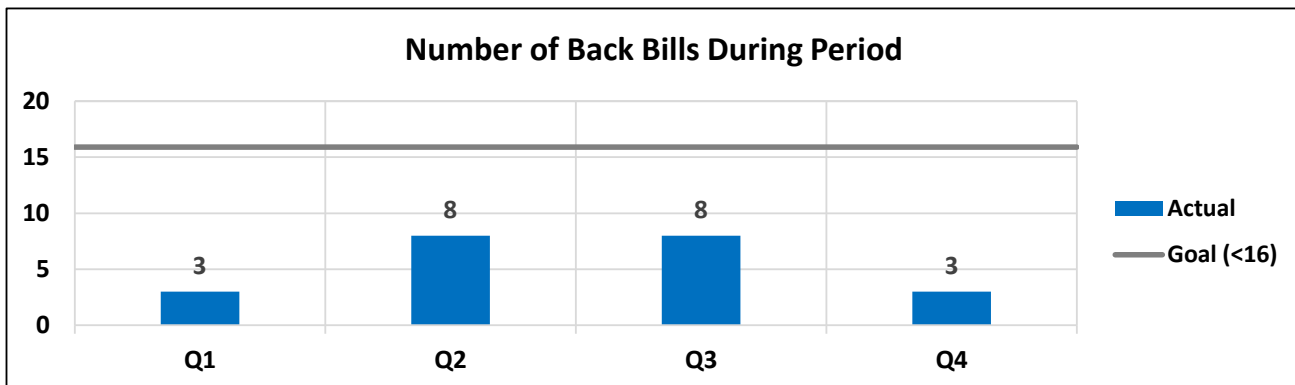
	Number of Bills Issued	Number of Back Bills	
		Goal	Actual
Q1	143,106	<16	3
Q2	143,929	<16	8
Q3	144,274	<16	8
Q4	144,547	<16	3

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

Quarterly Performance Summary

There was a total of 3 avoidable back billings during Q4.

1. One of the hand full of non AMI meters read by the meter shop resulted in an incorrect read being entered and not caught in subsequent billing reports. This resulted in an overbilling in the amount of \$306,473.19.
2. Customer called to start service at new address and stop service at current address. CSR completed the start order but failed to stop customers current service. This resulted in an overbilling in the amount of \$36.04.
3. Customer started service and the kvar read didn't auto populate for the start read. This resulted in a power factor adjustment charge in the amount of \$447.84. This is a system error that has to be manually fixed by entering the current kvar read for the new customer when transferring service. This resulted in a overbilling in the amount of \$447.84.



Responsible Manager: Annette Cobb

Data Provider: Annette Cobb



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

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 2313 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 120 days +/-10%. This measure will be rated "green" if the Days Cash on Hand is at or above the bottom of the recommended range (108 days), "yellow" if the year-end forecast for Days Cash on Hand is between the Minimum Operating Reserve (90 days) and the bottom of the recommended range or 10% over the top of the recommended range, and "red" if the Days Cash on Hand is lower than the Minimum Operating Reserve.

DCOH	District Minimum	District Target	Construction Account	Actual	Total
Q1	90	108 to 132	0	130	130
Q2	90	108 to 132	0	121	121
Q3**	90	108 to 132	0	107	107
Q4	90	108 to 132	46	131	177

Designated Reserves - Year-end Forecast*	
Description	DCOH
Minimum Operating Reserves	90
Power Market Volatility	22
Special Capital	1
Customer Deposits	5
Undesignated Reserves	0
Current 2023 Year-end Forecast	118
Construction Account	46
Total Year-End Forecast	164

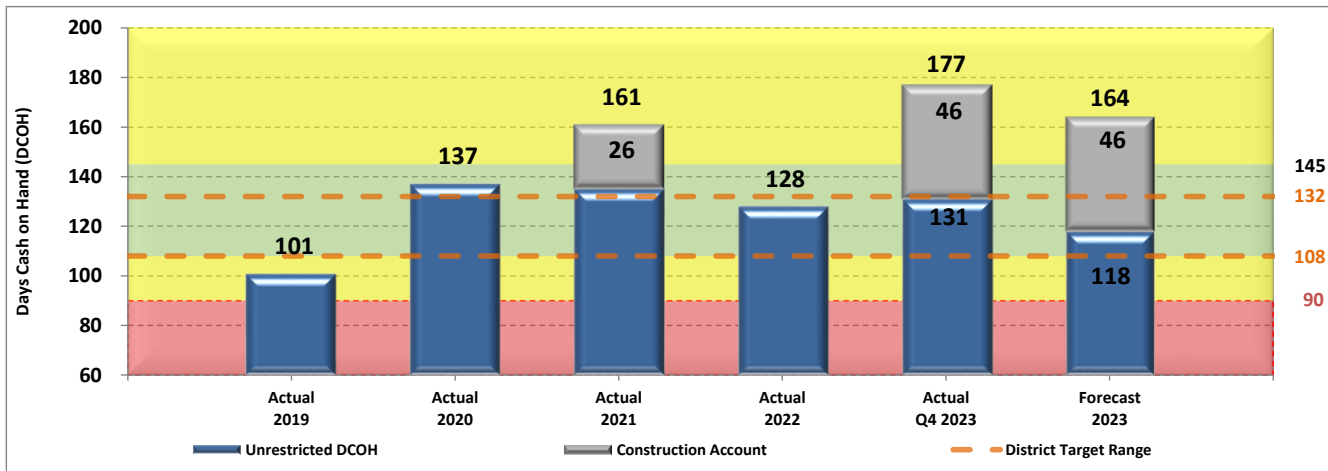
*Designated reserve breakdown is still to be decided by the Commission

Reserves	Minimum	Budget	Construction Account	Actual	Total
Q1	\$31.06M	\$54.74M	\$0.00M	\$45.01M	\$45.01M
Q2	\$31.06M	\$53.57M	\$0.00M	\$44.85M	\$44.85M
Q3**	\$31.06M	\$50.80M	\$0.00M	\$40.59M	\$40.59M
Q4	\$31.06M	\$47.17M	\$17.34M	\$48.91M	\$66.25M

**Q3 DCOH and ending reserve balance were adjusted to account for the \$5.3M August BPA invoices that were received in September but paid in October due to the late issuance by BPA.

Quarterly Performance Summary

Days Cash on Hand (DCOH) figures are based on preliminary year-end numbers and are subject to change. The District had 131 total DCOH at the end of Q4 indicating a green rating. The District completed the process of issuing \$25 million in new bonds and the proceeds were received at the end of Q4. The proceeds were placed in a restricted Construction Account and will be transferred to Unrestricted Reserves as capital expenditures are reimbursed. The District transferred \$7.66 million of the Construction Account to Unrestricted Reserves for reimbursable capital expenditures in 2023. Please note, actual ending balances may not align with the Treasurer's Report due to timing of transfers.



Responsible Manager: Keith Mercer

Data Provider: Katie Grandgeorge

Report Date: 1/25/2024



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

Performance Measure Title

O&M / Net Capital

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

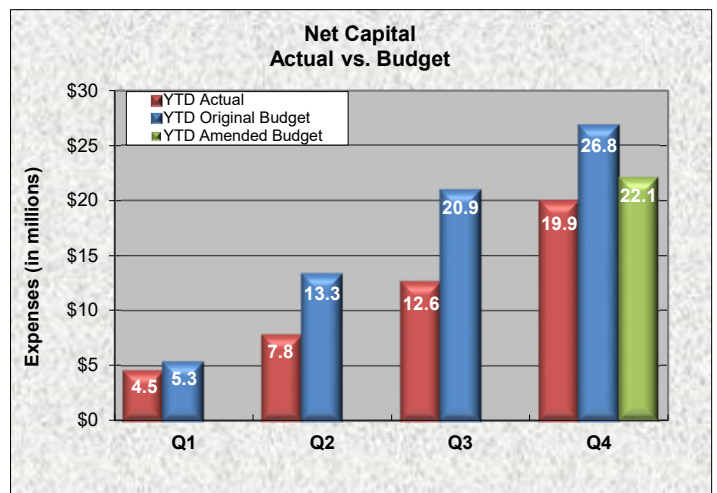
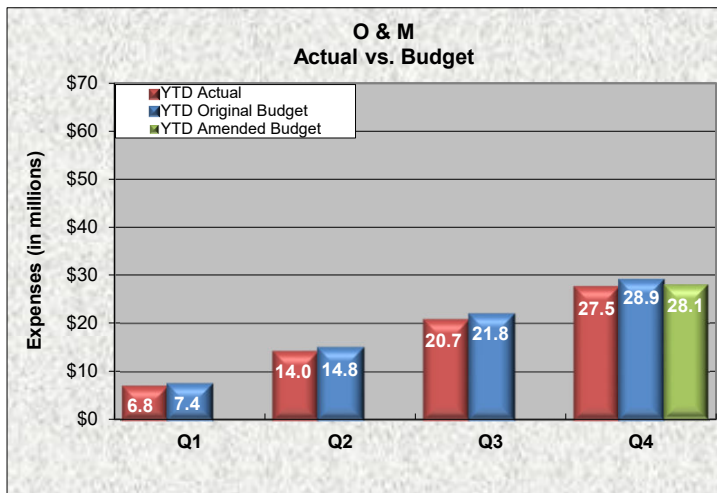
Meet the year-to-date budget projections.

	O & M				Net Capital			
	YTD Original Budget	YTD Amended Budget	YTD Actual	% of Total Budget*	YTD Original Budget	YTD Amended Budget	YTD Actual	% of Total Budget*
Q1	\$7.365		\$6.845	24%	\$5.322		\$4.499	17%
Q2	\$14.823		\$14.034	48%	\$13.321		\$7.767	29%
Q3	\$21.849		\$20.656	71%	\$20.909		\$12.581	47%
Q4	\$28.950	\$28.099	\$27.494	95%	\$26.755	\$22.103	\$19.911	74%

**% 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 without the impacts of the GASB pension entry. O&M expenses of \$27.5 million through the fourth quarter are 2.2% or \$0.6 million under the the amended budget and 5.0% or \$1.5 million under the the original budget. A large portion of the variance to budget is under-runs in payroll & benefits, general administration, and outside services expenses. Net capital expenditures of \$19.9 million through the fourth quarter are 9.9% or \$2.2 million under the amended net capital budget and 25.6% or \$6.8 million under the original net capital budget. The variance is primarily related to timing of costs related to capacity & reliability and customer growth projects and transformer purchases. These measures are rated green for the quarter and year to date.



Responsible Manager: Kent Zirker
 Data Provider: Janelle Herrington

Report Date: 1/31/2024



2023 Status			
Q1	Q2	Q3	Q4
●	●	●	●
Year-to-Date:			●

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

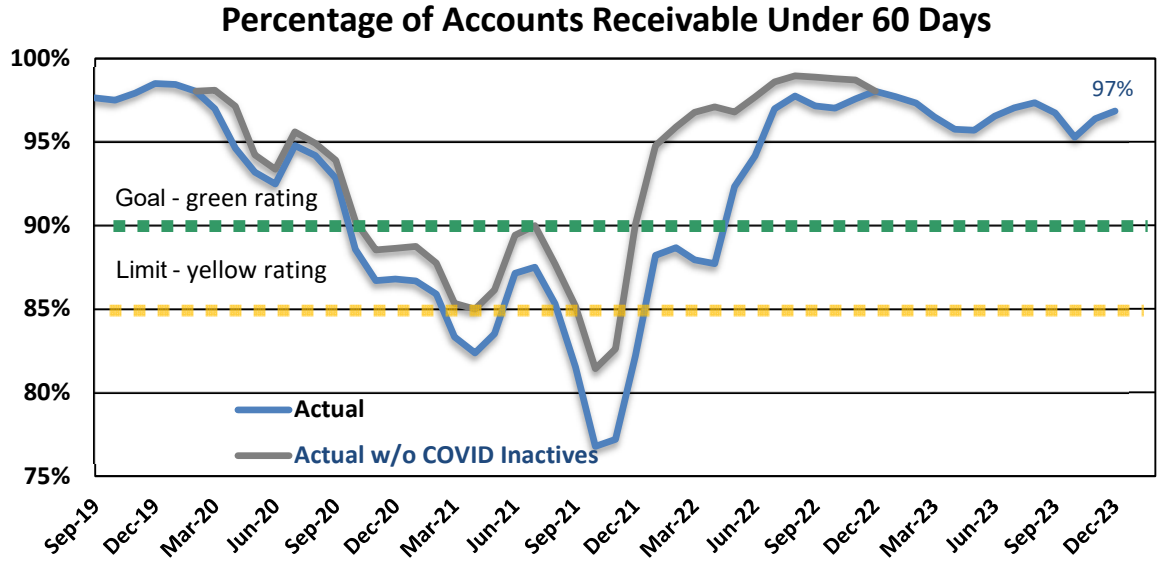
The goal is to increase the percentage of accounts receivable under 60 days to a level of 90% or more of the total accounts receivable. A green rating will be achieved if the actual results are at 90% or higher; a yellow rating will be assigned if the actual results are between 85% to 90%; a red rating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

		Actual	
Q1	90%	Q1	97%
Q2	90%	Q2	97%
Q3	90%	Q3	97%
Q4	90%	Q4	97%

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 95%, 96%, and 97% respectively during Q4. The quarter and year-to-date are rated green.



Responsible Manager: Annette Cobb

Data Provider: Kent Zirker

Report Date: 1/31/2024



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

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: $(N/EH) \times 200,000$ 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)

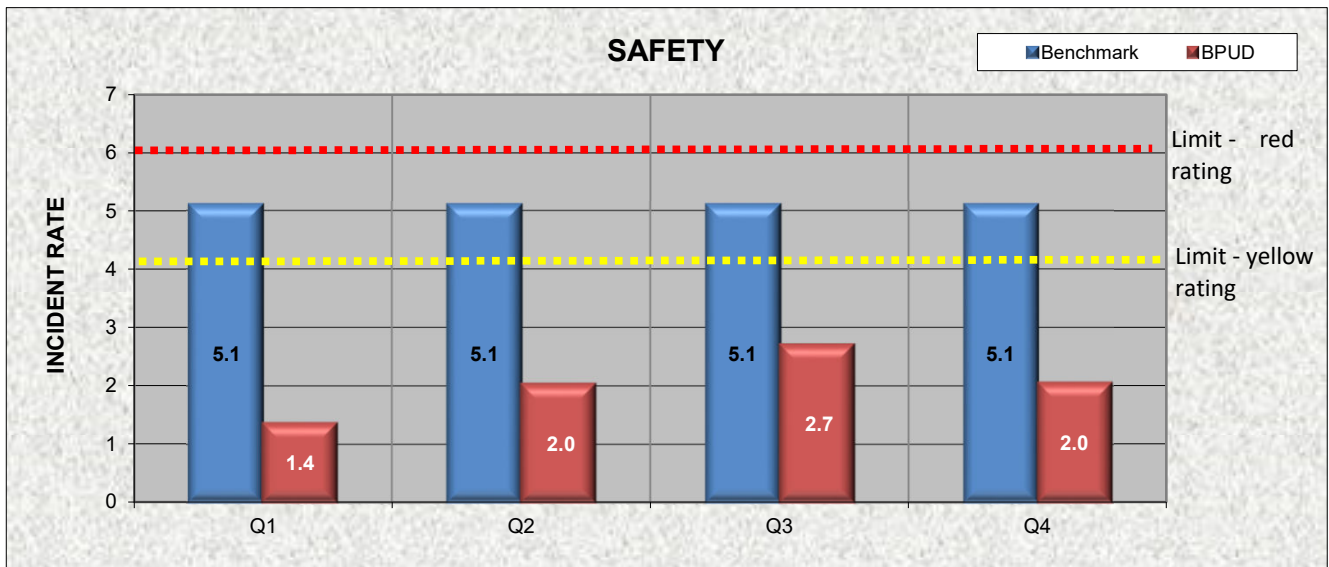
The benchmark is to be less than the Total Recordable Cases as published annually by the Bureau of Labor Statistics. This figure changes annually as a result of OSHA 300 log reports. This measure will be rated green if BPUD calculated reportable incidents are below 80% of the benchmark, yellow if they 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	5.1	1.4
Q2	5.1	2.0
Q3	5.1	2.7
Q4	5.1	2.0

Quarterly Performance Summary

There were three incidents reported on the OSHA 300 form in the last 12 months (January 1, 2023 - December 31, 2023):

- ~ 06.23.23 Lineman suffered sprain/strain to left forearm and upper arm and cuts to left ankle when a board broke while climbing a fence - lost time accident
- ~ 04.13.23: Apprentice Lineman suffered a fractured ankle while jogging doing job site clean up - 46 days lost time
- ~ 04.06.23: Lineman - Foreman suffered right shoulder sprain/strain while getting down on the ground on hands and knees to inspect the bottom of the company truck - 5 days lost time



Responsible Manager: Steve Hunter

Data Provider: Diane Schlekewey

Report Date: 1/18/2024



2023 Status			
Q1	Q2	Q3	Q4
✓	✓	▲	✓
Year-to-Date:			✓

Performance Measure Title

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 attendance 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 80-89.9% , and a red rating is less than 80% average attendance.

Performance Rating:

Green: ✓ AVG ≥ 90%	Yellow: ▲ AVG = 80-89%	Red: ✗ AVG < 80%
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Goal

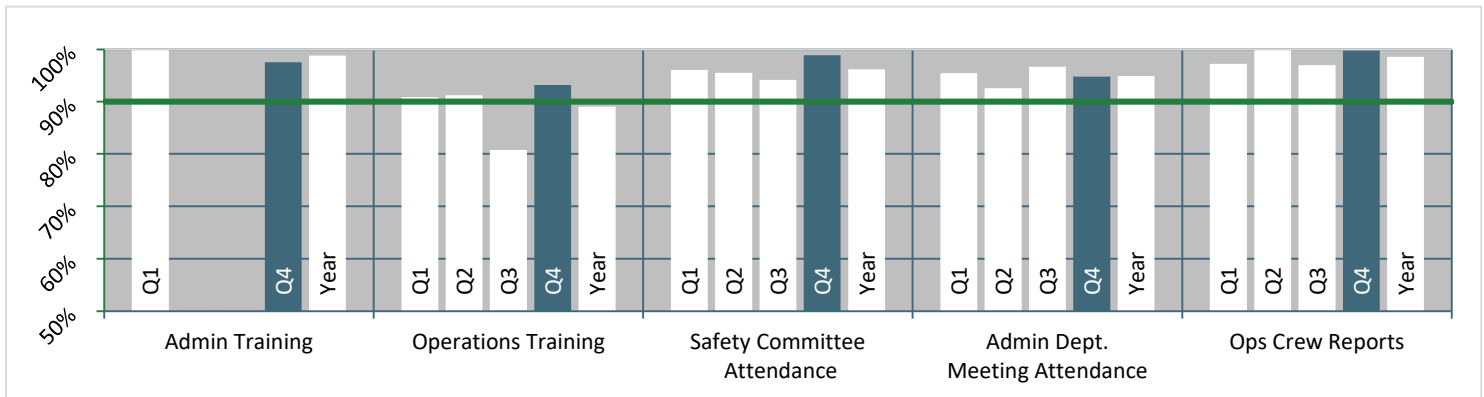
Achieve minimum 90% or greater average attendance and participation at safety-related trainings and meetings.

	Training Attendance			Participation				Goals
	Admin Training	Ops Training	AVG	Committee Attendance	Admin Dept Attendance	Ops Crew Reports	AVG	Overall AVG
Q1	100.0%	90.9%	95.4%	96.1%	95.4%	97.2%	96.2%	95.8%
Q2	N/A	91.2%	91.2%	95.5%	92.6%	100.0%	96.0%	93.6%
Q3	N/A	80.8%	80.8%	94.2%	96.7%	97.0%	95.9%	88.4%
Q4	97.5%	93.2%	95.4%	98.8%	94.8%	100.0%	97.9%	96.6%
Year	98.8%	89.0%	90.7%	96.1%	94.9%	98.5%	96.5%	93.6%

Quarterly Performance Summary

In the fourth quarter, the Administrative and Operations groups averaged 96.6% across the safety training and participation goals set for both groups. The outlook for the quarter and overall year is green.

For the quarter, 93.2% of Operations participated in crew/shop trainings and covered EPZ Grounding; Cold Stress/Hazards; and First Aid/CPR/AED Refresher. 100.0% of Crew Reports were returned. The Admin biannual safety training was on Crime Prevention and Personal Safety and was completed by 97.5% of Admin staff. 94.8% of Admin staff reviewed monthly safety information. The Safety Committees averaged 98.8% attendance overall.



Responsible Manager: Karen Dunlap

Data Provider: Kristen Demory

Report Date: 1/19/2024



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

Performance Measure Title
Conservation Plan 2022-2023 Biennial Actuals/Target

Definition

The District will monitor quarterly conservation and compliance with the Energy Independence Act (EIA) target of 1.52 aMW which was established through the Conservation Potential Assessment and presented to the Commission on October 26, 2021.

How Performance Measure is Computed

Status is determined by the two target levels in the chart below. 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 savings are not received until April-May for the previous year, an estimate of 75% is 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 2022-23 conservation biennial target. Green Outlook rating is the "Savings Projection" meeting or exceeding the EIA target. Yellow rating is below the EIA target but above the Carryover target. Red rating is below the Carryover target.

2022
Residential
Commercial
Industrial
Agricultural
U.S.E.

Q1		Q2		Q3		Q4	
Proj	Actual	Proj	Actual	Proj	Actual	Proj	Actual
0.034	0.023	0.034	0.021	0.034	0.034	0.034	0.041
0.046	0.006	0.046	0.036	0.046	0.038	0.046	0.009
0.000	0.000	0.099	0.012	0.307	0.165	0.002	-0.022
0.024	0.000	0.024	0.000	0.024	0.002	0.024	0.000
0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.017

2023
Residential
Commercial
Industrial
Agricultural
U.S.E.

Q1		Q2		Q3		Q4	
Proj	Actual	Proj	Actual	Proj	Actual	Proj	Actual
0.034	0.028	0.039	0.039	0.014	0.081	0.020	0.010
0.031	0.078	0.011	0.112	0.034	0.009	0.010	0.004
0.020	0.173	0.046	0.032	0.086	0.201	0.000	0.005
0.004	0.253	0.002	0.000	0.000	0.001	0.000	0.022
0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000

Total	
Proj	Actual
0.000	0.277
0.000	0.292
0.000	0.566
0.000	0.279
0.000	0.023
0.210	

NEEA*

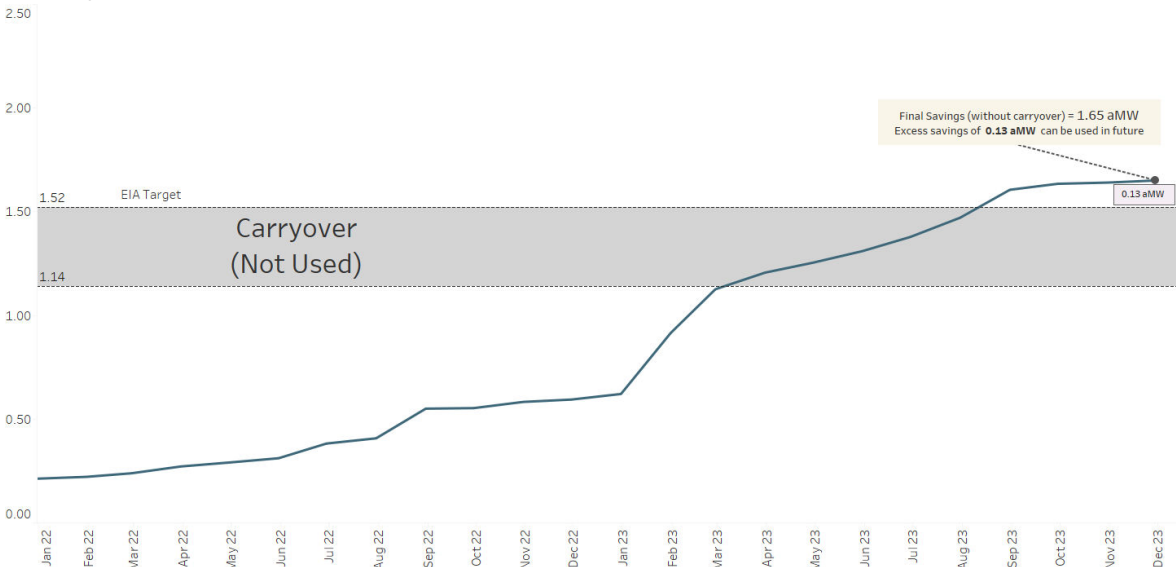
Total aMW

1.648

*Based on 2022 actuals and 50% of NEEA provided estimate for 2023

Quarterly Performance Summary

2023 quarter 4 was the final quarter of the EIA biennium and because the District had already meet its conservation requirements the larger non-residential projects were scheduled for completion in 2024-25. Although the Residential sector was allowed to continue as normal, November and December were the two slowest months for activity in this sector in almost two years. A few smaller non-residential projects were also completed but 2023 Q4 overall was the slowest of the biennium. Despite this slowdown, the District still acquired 1.44 aMW of programmatic savings and together with the 0.21 aMW savings from NEEA the EIA target of 1.52 aMW will be exceeded. This excess savings of 0.13 aMW can be applied to future biennia if the District is unable to reach its future targets.



Responsible Manager: Chris Johnson

Data Provider: Terry Mapes

Report Date: 1/8/2024



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

Performance Measure Title

Broadband Network Reliability Report

All Green =	
Any Yellow =	
Any Red =	

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.

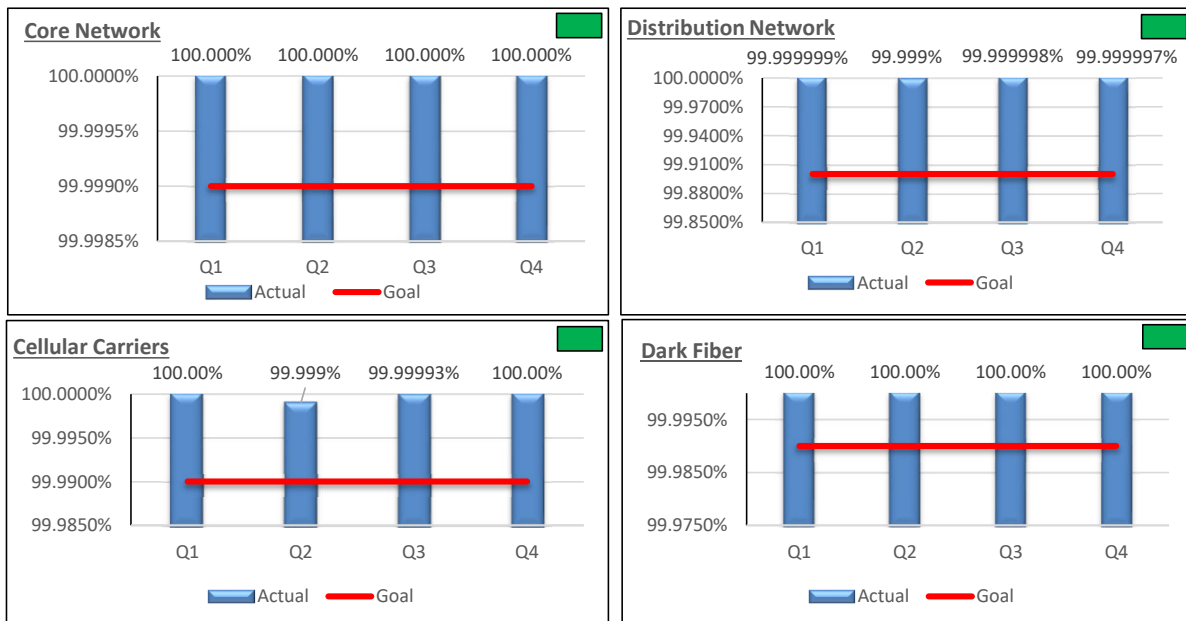
Performance Objectives

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		Distribution Network		Cellular Carriers		Dark Fiber	
	Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual
Q1	99.999%	100.000%	99.9%	99.999999%	99.99%	100.00%	99.99%	100.00%
Q2	99.999%	100.000%	99.9%	99.9999%	99.99%	99.999%	99.99%	100.00%
Q3	99.999%	100.000%	99.9%	99.999998%	99.99%	99.99993%	99.99%	100.00%
Q4	99.999%	100.000%	99.9%	99.999997%	99.99%	100.00%	99.99%	100.00%

Quarterly Performance Summary

The Performance Measure is rated green for the Quarter 4 in 2023. On October 12th the device at Richland Airport went down due to City of Richland performing power work without notifying the NoaNet NOC. This affected 20 circuits for 87 minutes. The NoaNet NOC has worked with the City of Richland to be notified prior to power work being performed.



Responsible Manager: Chris Folta
Data Provider: Adrian Mata

Report Date: 1/19/2024



2023 Status			
Q1	Q2	Q3	Q4
Year-to-Date			

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 minutes, 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 occurred 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 January 2023 to December 2023.

	MEDs Included	MEDs Excluded	Goal	Rating
SAIFI	1.08	0.52	0.5	
SAIDI	124.9	48.1	60	
CAIDI	115.3	91.7	120	

Over the 12-month time period from January 2023 to December 2023, **SAIFI of 0.52** interruptions is more than the goal of 0.5 but less than 120% of the goal, resulting in a green rating. **SAIDI of 48.1** minutes is less than the goal of 60, resulting in a green rating. **CAIDI of 91.7** minutes is less than the goal of 120, resulting in a green rating.

For the non-MED data, SAIFI decreased slightly for the current quarter and currently varying up and down around a roughly 0.53 average, meaning the average customer experiences an outage about every 2 years for general outages. SAIDI decreased to 48.1 minutes and has been trending down since August 2023. CAIDI is decreasing and dropped to 97.1. Q4 is being given a green rating.

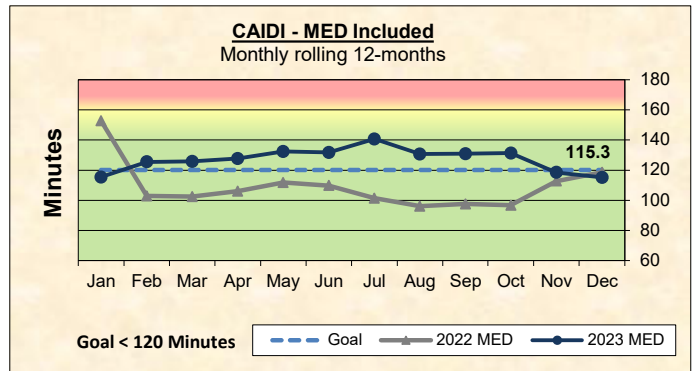
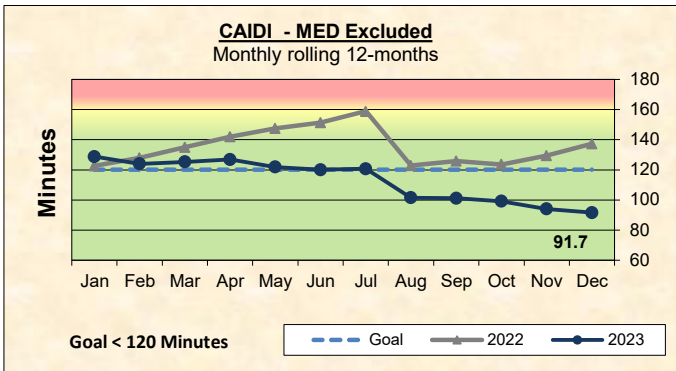
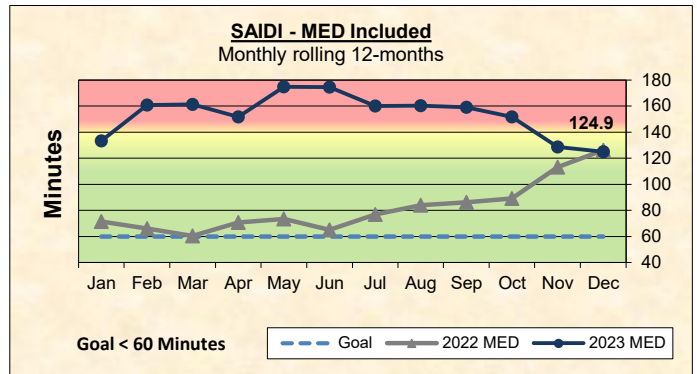
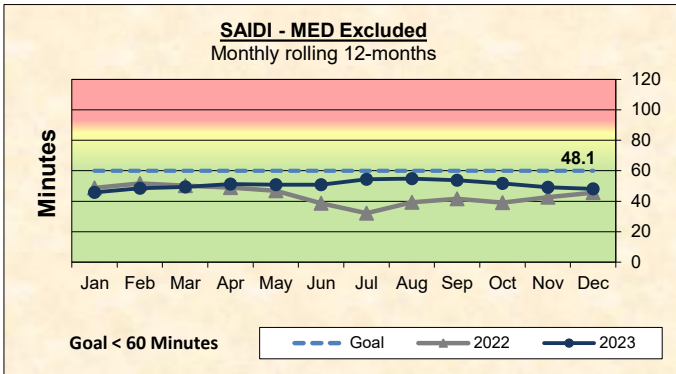
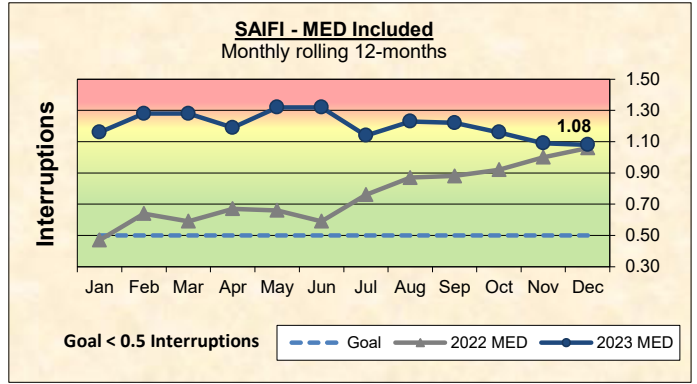
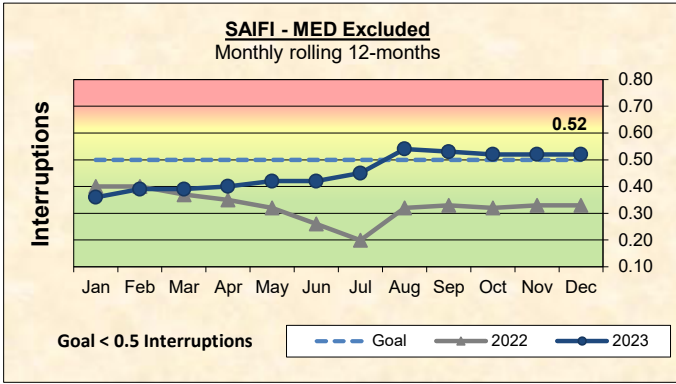
SAIFI, SAIDI, and CAIDI are heavily influenced by the Angus-Franklin transmission line operation on 8/28/23. This data will influence the results until Q3-2024 when it rolls off the calculation.

With MED data included, SAIFI decreased to 1.08, SAIDI decreased to 124.9, and CAIDI decreased to 115.3. All three are benefitting from (3) MED days that occurred in Q4-2022 dropping out of the calculation.

A SAIFI of 1.08 means every single one of our customers could have expected an outage within the last 11 months. In reality we had a subset of our customers who experienced multiple outages in the last 11 months. With MED's included our customers experienced an average restoration time of 1 hour and 55 minutes.

Responsible Manager: Evan Edwards
 Data Provider: Dax Berven

Report Date: 1/18/2024



Responsible Manager: Evan Edwards
 Data Provider: Dax Berven

Report Date: 1/18/2024



2023 Status				
Q1	Q2	Q3	Q4	
Year-to-Date				

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

Outage Statistics	Rolling 12 Months Reported Quarterly (No MED)					Outage Statistics	Rolling 12 Months Reported Quarterly (MED)				
	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4		2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4
Outage Count	577	566	548	563	464	Outage Count	633	662	653	667	525
Customers Out	20,095	23,625	24,234	29,473	28,255	Customers Out	58,508	71,024	73,714	66,960	59,828
Customer Minutes Out	2,884,470	3,103,081	2,856,466	2,952,352	2,553,067	Customer Minutes Out	7,472,071	9,472,586	10,207,986	8,844,680	7,916,507

Non-MED Data Summary: For the non-MED data, outage counts decreased significantly over the previous 12 month window. Customers out have decreased but still have a general up trend over the last 5 quarters. Customer minutes out decreased in the past 12 month window and has generally been up and down over the last 5 quarters.

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

- November 4th, 2022 - Area Wind Event
- December 22nd, 2022 - Kennewick Bay 1 Outage
- January 7th, 2023 - Ely Bay 1 Outage
- February 20th, 2023 - BPA Franklin-Badger #2 H-Frame failure
- May 13th, 2023 - BPA Franklin-Badger #2 - Single Phasing at Kennewick Substation
- December 24th, 2023 - Ely Bay 2 Outage

These events dramatically increase the outage counts, more than double the customers out, and more than triple the customer minutes out.

Outages by Cause	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4	Outage Statistics	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4
Equipment	264	263	261	259	226	Equipment	282	305	312	310	264
Animals	67	68	70	82	86	Animals	71	76	79	90	91
Weather	36	31	30	32	15	Weather	47	46	41	43	19
Foreign Interference	91	90	86	103	101	Foreign Interference	100	98	93	107	101
Vegetation	73	72	63	60	19	Vegetation	89	94	85	82	25
Undetermined	46	42	38	27	17	Undetermined	44	43	43	35	25
Total	577	566	548	563	464	Total	633	662	653	667	525

Cause Summary: For the non-MED data outages caused by equipment, weather, vegetation, and undetermined events decreased. Outages caused by animals increased slightly. Foreign Interference outages were flat.

With MED data included equipment, animals, weather, vegetation, and undetermined events increased. Foreign Interference caused outages were flat.

Outages by Region	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4	Outages by Region	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4
East Kennewick	208	205	191	199	175	East Kennewick	223	252	247	255	220
West Kennewick	175	162	166	175	155	West Kennewick	197	191	198	206	166
Benton City & Prosser	152	156	149	151	110	Benton City & Prosser	170	175	164	166	114
River & Hanford	42	43	42	38	24	River & Hanford	43	44	44	40	25
Total	577	566	548	563	464	Total	633	662	653	667	525

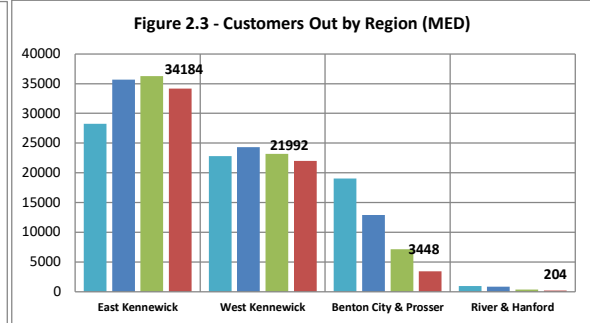
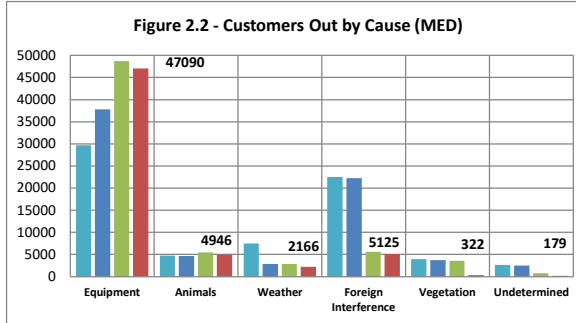
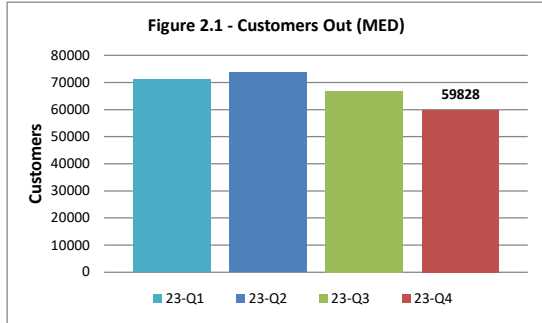
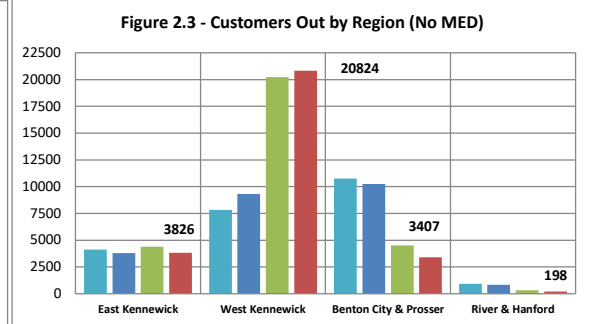
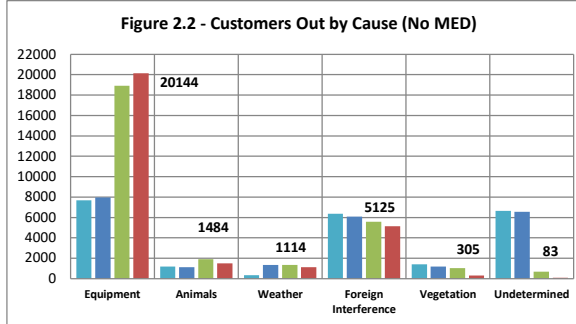
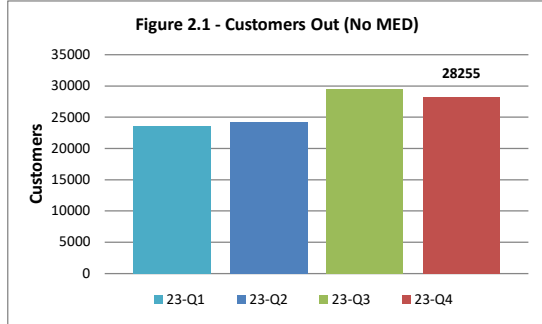
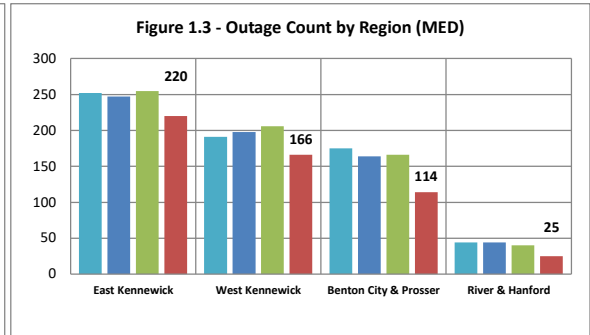
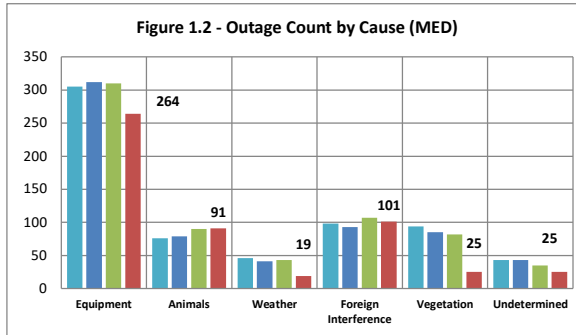
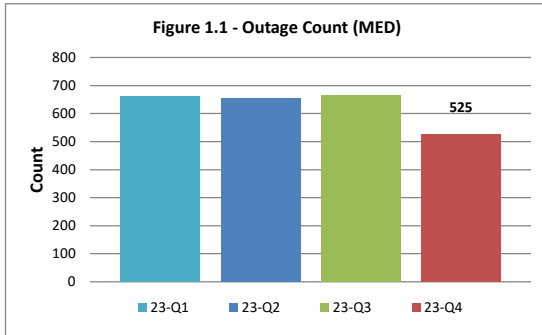
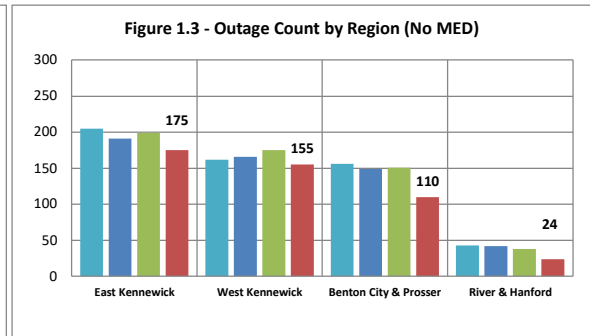
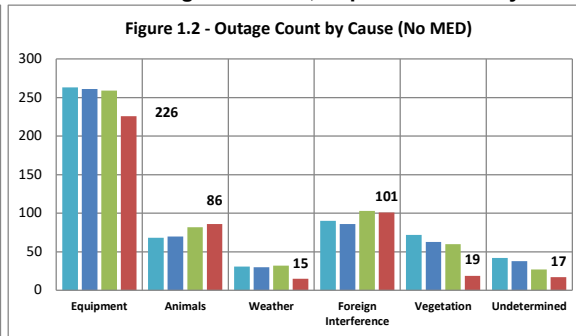
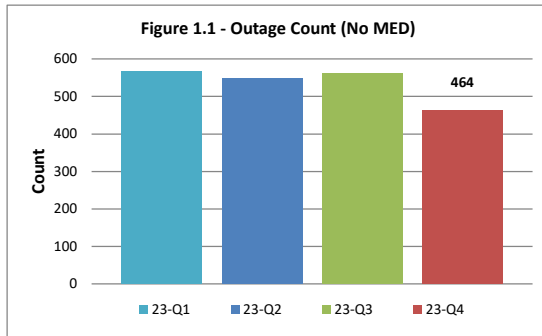
Region Summary: Across the non-MED data East Kennewick, Benton City & Prosser, and the River & Hanford areas all saw a decrease in outage counts, customers out, and customer minutes out. West Kennewick saw a decrease in outage counts and customer minutes out and an increase in customers out.

When MED data is included the impact is seen across the system with the East and West Kennewick areas being the most noticeable.

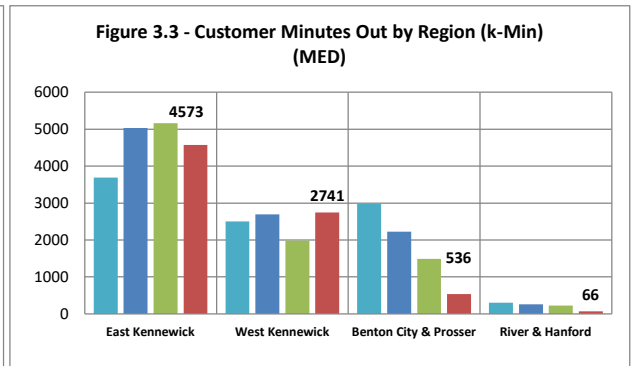
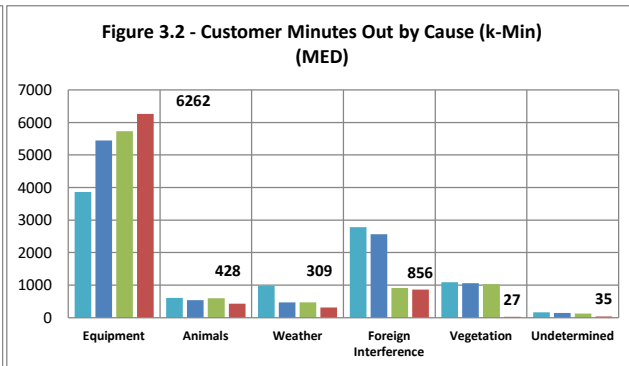
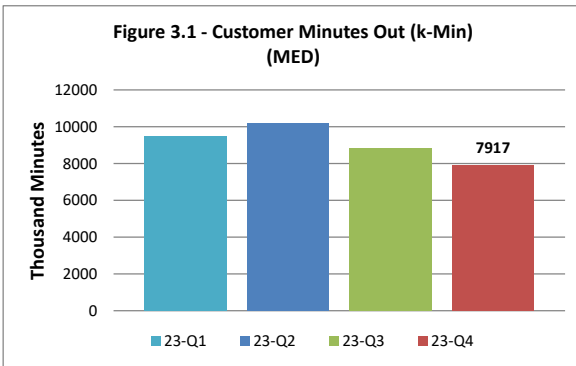
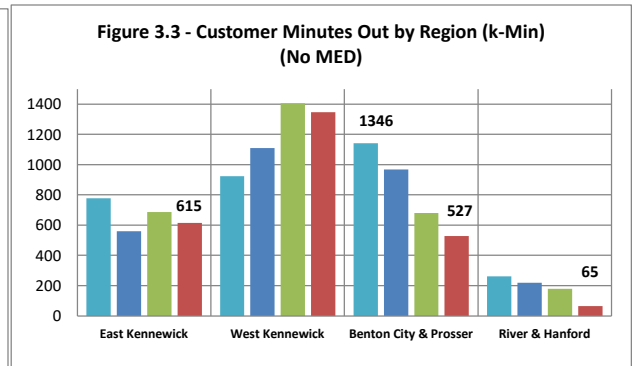
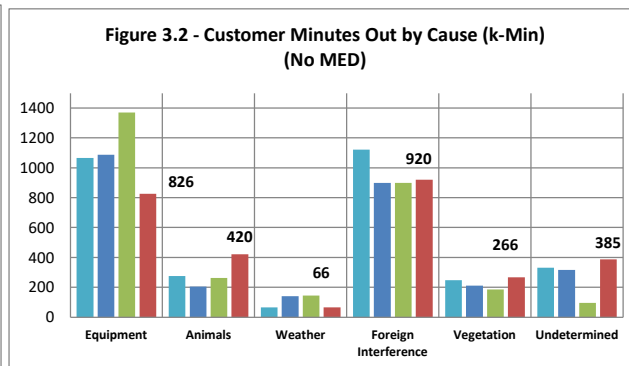
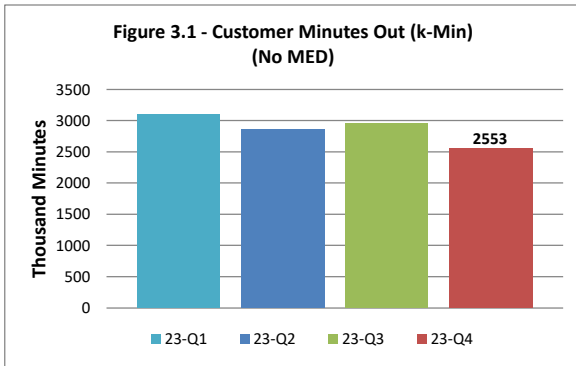
Responsible Manager: Evan Edwards
Data Provider: Dax Berven

Report Date: 1/18/2024 _____

Outage Data Rolling 12-Months, Reported Quarterly



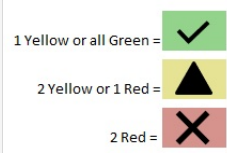
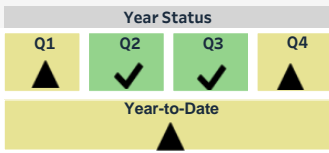
Outage Data Rolling 12-Months, Reported Quarterly





Select Year: 2023 Select Quarter: 4

Enterprise Application Reliability



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 yellow for the quarter. During the quarter the third-party vendor that provides SMS texting services for SCADA alarms experience two different times with significant downtime. The District relies on these services to provide emergency notifications out of the SCADA system 24 hours a day. Staff has worked with the vendor and measures - including monitoring, and advanced maintenance notifications have been put in place to avoid these issues in the future.

Enterprise Reliability

5 Year Trends

24x7 Applications Uptime % 2023 Q4

5 Year Trends	Green Rating > 99.99% 0-13 mins				Yellow Rating 99.96%-99.98% 14-25 mins				Red Rating <=99.95% >26 mins				Current Quarter				
	19-20-21-22-23-23	19-20-21-21-21-22-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23		19-20-20-20-21-21-21-21-22-22-22-23-23-23			
Apps Team Data..	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
GIS (MapWise)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
HPRM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
iVue	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
SCADA	▲	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	▲	✓	✓	✓	94.72%

Cloud Applications Uptime % 2023 Q4

5 Year Trends	Green Rating > 99.90% 0-131 mins				Yellow Rating 99.85%-99.89% 132-199 mins				Red Rating <=99.84% >199 mins				Current Quarter				
	19-20-21-22-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23	19-20-20-20-21-21-21-21-22-22-22-23-23-23					
AMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	99.98%
Cloud Applications	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	▲	✓	100.00%



Select Year: 2023 Select Quarter: 4

Infrastructure Component Reliability

Year Status			
Q1 ▲	Q2 ✓	Q3 ✓	Q4 ✓
Year-to-Date ✓			

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 rated green for the 4th quarter. On Dec 12th 2023 all SCADA end device comm lines went down for 189 minutes. The failure occurred at the link between the NoaNet 395 comm room and the admin building comm room. The exact cause was a hardware failure of the switch port.

Infrastructure Reliability

5 Year Trends

24x7 with 99.99 % Uptime 2023 Q4

5 Year Trends	Green Rating > 99.99% 0-13 mins				Yellow Rating 99.96%-99.98% 14-25 mins				Red Rating <= 99.95% >26 mins				Current Quarter				
	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24					
Exchange	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
Kennewick to Pro..	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	100.00%
SAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
VDI	✓	✓	✓	✗	✓	✓	✗	✓	✓	✓	✓	✓	✗	▲	✓	✓	100.00%

24x7 with 99.95% Uptime % 2023 Q4

5 Year Trends	Green Rating > 99.95% 0-65 mins				Yellow Rating 99.90%-99.95% 65-129 mins				Red Rating <= 99.90% >130 mins				Current Quarter				
	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24						
Phones	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	▲	✓	✓	✓	100.00%

24x7 with 99.90% Uptime % 2023 Q4

5 Year Trends	Green Rating > 99.90% 0-131 mins				Yellow Rating 99.85%-99.89% 132-199 mins				Red Rating <= 99.84% >199 mins				Current Quarter				
	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24	19-20-21-22-23-24						
Network	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
NoaNet Service	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100.00%
TEA-SCADA Network	✓	✓	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	▲	✓	99.85%



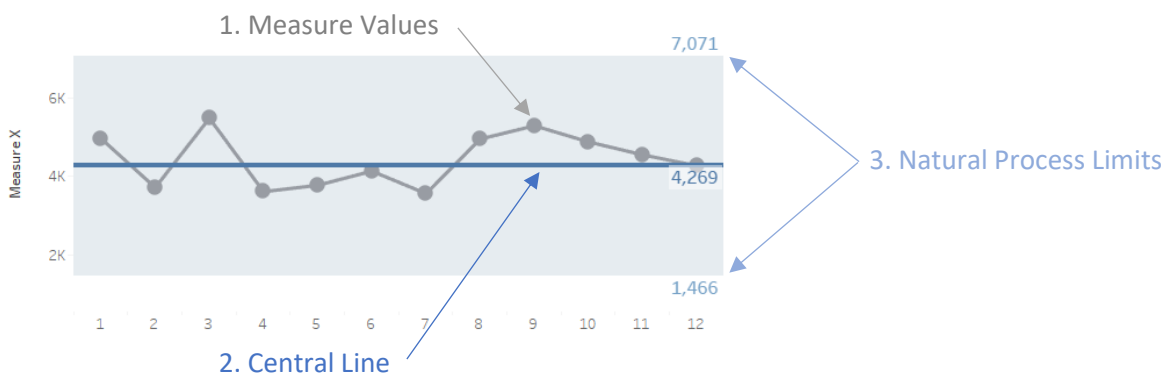
Appendix A

Using XmR Charts for Performance Measurement

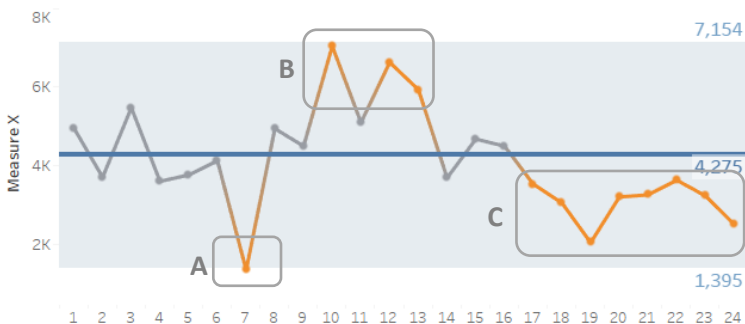
Introduction - This reference was created to support the District’s performance measures that utilize XmR charts (a.k.a. process behavior charts). The District’s use of XmR charts is intended to be consistent with the recommendations of Stacey Barr, author of the Measure Up Blog.¹ The basic features 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}

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](#)



<input type="checkbox"/>	Business Agenda
<input type="checkbox"/>	Second Reading
<input type="checkbox"/>	Consent Agenda
<input type="checkbox"/>	Info Only/Possible Action
<input checked="" type="checkbox"/>	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	Benefits and Costs of Net Metering in Washington E3 Study	
Agenda Item No:	8h	
Meeting Date:	February 13th, 2024	
Authored by:	Chris Johnson	<i>Staff Preparing Item</i>
Presented by:	Chris Johnson	<i>Staff Presenting Item</i>
Approved by (dept):	Chris Johnson	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

None - Info Only

Background/Summary

Energy and Environmental Economic, Inc. (E3) was retained by a group of Washington utilities¹ and the Washington Public Utility District Association (WPUDA) to evaluate Washington's current net energy metering (NEM) programs. Under Washington State Law RCW 80.60, electric utilities must offer NEM to eligible customer-generators on a first-come, first-served basis until the earlier of either: 1) June 30, 2029, or 2) the first date upon which the cumulative generating capacity of net metering systems equals four percent of the utility's peak demand during 1996.² When a utility reaches this threshold, they may continue offering retail rate NEM, or develop or propose a new tariff. Currently the District has met approximately 60% of its four percent requirement and does not anticipate meeting the four percent threshold for several years.

Recommendation

Staff will present information on the December 2023 E3 study evaluation results of Washington States current net metering programs. The study conducted by E3 consulting was a cooperative effort by the state's consumer-owned and investor-owned utilities with support from the Washington State Department of Commerce.


Fiscal Impact

Benton PUD was not a direct funder of this \$468,500 study which was funded by many utilities in Washington State including WPUDA.



X	Business Agenda
	Second Reading
	Consent Agenda
	Info Only/Possible Action
X	Info Only

COMMISSION MEETING AGENDA ITEM

Subject:	BPA Power Supply Commission Work Session Part 2	
Agenda Item No:	8i	
Meeting Date:	February 13th, 2024	
Authored by:	Chris Johnson	<i>Staff Preparing Item</i>
Presented by:	Chris Johnson / Rick Dunn	<i>Staff Presenting Item</i>
Approved by (dept):	Chris Johnson	<i>Director/Manager</i>
Approved for Commission review:	Rick Dunn 	<i>General Manager/Asst GM</i>

Motion for Commission Consideration:

None - Info Only

Background/Summary

Effective October 1, 2023 the District became a Load Following customer. Staff will recap the October 24, 2023 BPA Power Supply Commission Work Session that covered the existing BPA contract and rates based on the District switching to the Load Following product (contract expires in 2028). Today’s presentation will primarily focus on BPA Transmission. Staff will cover at a future work session the draft BPA Provider of Choice (post 2028) policy, serving above CHWM load, and a summary of these presentations.

Recommendation

Staff will present information on BPA power supply.

Fiscal Impact

N/A