



**Mason County PUD No. 1
Regular Board Meeting
February 25, 2025
1:00 p.m.**

Join Zoom Meeting
<https://us02web.zoom.us/j/85869053743>

Meeting ID: 858 6905 3743
1 (253) 215-8782

1:00 p.m. Regular Board Meeting

1) Public Comment- *Members of the public wishing to comment may request permission to do so during the Public Comment portion of the agenda. Comments shall be limited to no more than 5 minutes per speaker. There will be no action or discussion of public comment items, although the board may defer to PUD management for any necessary response.*

2) Consent Agenda

Minutes: Regular Board Meeting February 11, 2025

Disbursements:	Accounts Payable Wire	\$482,012.28
	Check Nos. 126196 - 126262	\$781,002.24
	Payroll Wire	\$ 93,610.33
	Grand Total	\$1,356,624.85

3) Business Agenda

- a. Avian Protection Plan
- b. 2025 Prequalified Electrical Contractors Roster

4) Staff Reports

- a. General Manager
- b. District Treasurer
- c. Water Resource Manager
- d. Legal Counsel

5) Correspondence

6) Board Comments

7) Other Business/Public Comment

8) Executive Session may be held as authorized by the Open Public Meetings Act (RCW 42.30.110)

9) Adjournment

2025 Calendar

Mar 5 & 6	Public Power Council	Portland
Mar 19-21	WPUDA Association Meetings	Olympia
Mar 27	WPUDA Water Committee	Zoom
April 2 & 3	Public Power Council	Virtual
April 23-25	WPUDA Annual Conference	Vancouver
May 7 & 8	Public Power Council	Sheraton Portland Airport
May 19-22	NWPPA Annual Conference	Santa Rosa, CA
June 5-6	Public Power Council	Portland
June 6-11	APPA National Conference	New Orleans, LA
June 26	WPUDA Water Committee	Zoom
July 16-18	WPUDA Association Meetings	Skagit PUD
Aug 6 & 7	Public Power Council	Portland
Sept 3 & 4	Public Power Council	Portland
Sept 17-19	WPUDA Association Meetings	Grant PUD
Sept 24-26	WPUDA Water Workshop	TBD
Oct 1 & 2	Public Power Council	Portland
Oct TBD	WPUDA/Energy Northwest Forum	Kennewick
Nov 12-14	WPUDA Association Meetings	TBD
Nov 5 & 6	Public Power Council Annual Meeting	Portland



Mason County Public Utility District No. 1
Board of Commissioners Regular Board Meeting
February 11, 2025 Potlatch, Washington

Present:

Ron Gold, President
Mike Sheetz, Vice President
Jack Janda, Board Secretary (Zoom)
Katie Arnold, District Treasurer
Brandy Milroy, Water Resource Manager
Rob Johnson, Legal Counsel

Visitors: None

Excused: Kristin Masteller, General Manager

CALL TO ORDER: Ron called the regular meeting to order at 1:00 p.m.

PUBLIC COMMENT: None

APPROVAL OF CONSENT AGENDA:

Minutes:	Regular Board Meeting January 28, 2025	
Disbursements:	Accounts Payable Wire	\$131,505.13
	Check Nos. 126140-126190	\$496,603.53
	Check Nos. 126190-126195	\$ 7,170.45
	Payroll Wire	\$102,895.47
	Payroll Checks 126191 & 126192	\$ 7,159.03
	Grand Total	\$745,333.61

Jack made a motion to approve the consent agenda as presented, Mike seconded the motion. It passed unanimously.

Business Agenda:

December 2024 Financial Report – Katie presented the December 2024 and Year-End financial report.

Financial Highlights:

- Revenue – Gross Revenue was \$1,456,327 for the month of December 2024.
- Expenditures –Gross expenditures were \$1,477,846 for the month of December 2024.
- As of December 31, the PUD has \$670,731.47 grant reimbursements outstanding for ongoing projects, which is an equivalent of about 25 days of our cash on hand.



Mason County Public Utility District No. 1
Board of Commissioners Regular Board Meeting
February 11, 2025 Potlatch, Washington

Financial Metrics as Compared with Prior Year:	December 2024	December 2023
Total General Cash and Investments	\$856,273	\$946,316
Current Ratio (Current Assets/Current Liabilities)	1.50 to 1	1.88 to 1
Debt Service Coverage (O&M/ Debt Service)	3.15	2.84
Long-Term Debt to Net Plant	22%	27%
Total Debt to Equity Ratio (Total Liabilities/Total Equity)	34%	37%
Long Term Debt to Equity Ratio (Long Term Debt / Total Equity)	26%	32%
Times Interest Earned Ratio (Earnings before Interest & Taxes/Total Interest)	5.26	3.91
Cash on Hand (Total Available Cash/Average Daily Costs)	32 Days (General) 125 Days (All Funds)	35 Days (General) 127 Days (All Funds)

Staff Reports –

General Manager – Katie reported on behalf of Kristin that we had a flagging safety training, and forklift certifications will be next. We had one reportable accident with a knee injury from squatting down. No unsafe actions occurred. The employee is on light duty and the District gets reimbursed from L&I through the Stay At Work program.

District Treasurer – Katie stated that the kick-off meeting with WA Emergency Management has been rescheduled to next week. She said this is for the Resiliency Grant the District was awarded through FEMA.

Water Resource Manager – Brandy reported that she’s working on the landscaping RFP that will go out to bid next week. Shadowood’s project also went out to bid last week, with the mandatory walk through scheduled for February 25th.

Legal Counsel – None.

Correspondence – An email from a Brinnon Customer stating appreciation for the crews and the whole PUD team as a whole.

Board Reports –

Mike – Mike attended PPC and is taking part in a panel this week with WPUDA.

Jack – Jack attended PPC.

Ron – No report.



Mason County Public Utility District No. 1
Board of Commissioners Regular Board Meeting
February 11, 2025 Potlatch, Washington

PUBLIC COMMENT – None.

EXECUTIVE SESSION – None

Adjournment: 1:37 p.m.

Ron Gold, President

Mike Sheetz, Vice President

Jack Janda, Secretary

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Accounts Payable Check Register

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02/07/2025 To 02/20/2025

Bank Account: 4 - UMPQUA BANK - DISTRICT

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
1174 02/12/2025	WIRE	BPA	UMPQUA BANK	POWER USAGE	369,968.00
1186 02/14/2025	WIRE	LILLIWAUP FAL	LILLIWAUP FALLS GENERATING COMP	JANUARY POWER USAGE	31,709.82
1187 02/20/2025	WIRE	COBANK	COBANK	LINE OF CREDIT FEES	6,030.44
1189 02/18/2025	WIRE	IRS	WEST COAST BANK	FEDERAL TAX LIABILITY	38,050.30
1190 02/18/2025	WIRE	WASH 1	WA DEPT OF RETIREMENT SYS	STATE RETIREMENT - PLAN 2	21,062.74
1191 02/18/2025	WIRE	WASH 7	WA STATE TREAS-MS: PO-11	DEFERRED COMPENSATION	11,441.76
1192 02/18/2025	WIRE	HRA	HRA VEBA TRUST CONTRIBUTI	VEBA MEDICAL SAVINGS	3,507.76
1193 02/18/2025	WIRE	DSHS	DSHS	DEPARTMENT OF SOCIAL HEALTH SERVICES	241.46
126196 02/07/2025	CHK	2M COMPANY	2M COMPANY INC	WATER NON INVENTORY PARTS	5,173.69
126197 02/07/2025	CHK	ALTEC	ALTEC INDUSTRIES INC	(2)HK PORTER LOPPERS RATCHETING CUTTERS	1,411.51
126198 02/07/2025	CHK	AWWA	AMERICAN WATER WORKS ASSO	ANNUAL MEMBERSHIP DUES	431.00
126199 02/07/2025	CHK	BUILDERS	BUILDERS FIRSTSOURCE, INC	VEHICLE #82-23PZ FRAMERS HAMMER	868.86
126200 02/07/2025	CHK	CINTAS CORP	CINTAS CORPORATION	AED VEHICLE & SIGN FIRST AID KIT STICKER	190.70
126201 02/07/2025	CHK	COLONI	COLONIAL LIFE INSURANCE	SUPPLEMENTAL INSURANCE	601.89
126202 02/07/2025	CHK	CRC	COOPERATIVE RESPONSE CENTER, INC	AFTER HOURS ANSWERING SERVICE	1,678.79
126203 02/07/2025	CHK	CROWELL, CHRI	CHRISTOPHER CROWELL	REIMBURSEMENT-DOT HEALTH EXAM	175.00
126204 02/07/2025	CHK	DON SMALL & S	DON SMALL & SONS OIL DIST	GAS & DIESEL	3,556.38
126205 02/07/2025	CHK	FERREL	FERRELLGAS - 0806	AGATE BEACH WATER-PHASE 3 STORAGE TANK	4,107.84
126206 02/07/2025	CHK	FERRIER	JANIECE FERRIER	MONTHLY REIMBURSEMENT-#51058600	1,671.89
126207 02/07/2025	CHK	GE SOFTWARE	GE SOFTWARE INC DBA EKOS	EKOS FUEL SITE MODULE	80.00
126208 02/07/2025	CHK	GENPAC	GENERAL PACIFIC INC	ELECTRIC INVENTORY PARTS-CORONA RING	1,448.29
126209 02/07/2025	CHK	GOLDSTREET	GOLDSTREET DESIGN AGENCY, INC.	WEBSITE HOSTING	50.00
126210 02/07/2025	CHK	HANSON EXCAV	HANSON EXCAVATION LLC	ROCK HAULING-SHELDON PIT(2)DAYS (2)TRUCK	29,443.12
126211 02/07/2025	CHK	HARB 1	HARBOR SAW & SUPPLY INC.	CHAINSAW CHAIN	140.34
126212 02/07/2025	CHK	HDFOWL	HD FOWLER COMPANY	AGATE BEACH WATER-PHASE 3 PARTS	12.83
126213 02/07/2025	CHK	L.G.	L. G. ISAACSON CO. INC.	RUBBER GLOVES & AEROSOL LUBRIPLATE	462.04

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Bank Account: 4 - UMPQUA BANK - DISTRICT

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
126214 02/07/2025	CHK	MARSH	MARSH MUNDORF PRATT & SUL	WPAG MONTHLY FEES	339.62
126215 02/07/2025	CHK	MASON CO GAR	MASON COUNTY GARBAGE	MONTHLY GARBAGE CHARGES	1,699.49
126216 02/07/2025	CHK	MASTELLER	KRISTIN MASTELLER	TRAVEL EXPENSE REIMBURSEMENT	494.75
126217 02/07/2025	CHK	MOTOR CONT	MOTORS AND CONTROLS	WATER NON INVENTORY PARTS-FUSES	95.97
126218 02/07/2025	CHK	NATIONAL MET	NATIONAL METERING & TECHNICAL S	METERS UPGRADES 1/7/25 - 1/9/25	4,485.00
126219 02/07/2025	CHK	NORTHWEST RO	NORTHWEST ROCK, INC	SHOP	3,116.27
126220 02/07/2025	CHK	NWSS	NORTHWEST SAFETY SERVICE LLC	SAFETY TRAINING JANUARY 30, 2025	1,136.25
126221 02/07/2025	CHK	NWPPA	NWPPA	ANNUAL CONFERENCE 5/19-5/22 (KRISTIN)	1,075.00
126222 02/07/2025	CHK	ONLINE	ONLINE INFORMATION SERVIC	ONLINE CREDIT REPORTING	139.54
126223 02/07/2025	CHK	RICOH USA	RICOH USA, INC.	RENT ON TWO MACHINES & ADDITIONAL IMAGES	514.77
126224 02/07/2025	CHK	SCOTT MCLEND	SCOTT MCLENDON'S HARDWARE #2	TIGER LAKES WATER-SUPPLIES	1,041.92
126225 02/07/2025	CHK	SHEETZ, MIKE	MIKE SHEETZ	JANUARY TRAVEL EXPENSE	176.28
126226 02/07/2025	CHK	SPECTRA LAB	SPECTRA LABORATORIES - KITSAP, LL	VARIOUS WATER SAMPLES	1,603.50
126227 02/07/2025	CHK	TOZIER	TOZIER BROS, INC	METER SHOP SUPPLIES	25.04
126228 02/07/2025	CHK	UTILI1	UTILITIES UNDERGROUND LOCATION	MONTHLY ELECTRIC LOCATES	169.95
126229 02/07/2025	CHK	NAPA AUTO PA	WESTBAY NAPA AUTO PARTS	BRAKE PARTS CLEANER	122.54
126230 02/07/2025	CHK	2	CINDI AMADIO	MR Refund	112.34
126231 02/10/2025	CHK	CORIROSSI, COL	COLE CORIROSSI	TRAVEL PER DIEM-ERWOW ANNUAL CONFERENCE	232.00
126232 02/10/2025	CHK	46	KOBE VIND	TRAVEL PER DIEM-ERWOW ANNUAL CONFERENCE	232.00
126233 02/10/2025	CHK	GOOS	TJ GOOS	TRAVE PER DIEM-ERWOW ANNUAL CONF	232.00
126234 02/12/2025	CHK	ALDERBROOK	ALDERBROOK GOLF & YACHT CLUB	PUD 1 Employee Event DEPOSIT	500.00
126235 02/12/2025	CHK	WASH14	DEPARTMENT OF REVENUE	PENALTY FOR NOT E-FILE (UNCLAIMED PROP.)	84.90
126236 02/12/2025	CHK	HOOD CANAL	HOOD CANAL MARKET FRESH	METER SHOP	6.06
126237 02/12/2025	CHK	60	RIVERLINE POWER, LLC	MANZANITA SUB STATION PROJECT	331,073.74
126238 02/12/2025	CHK	36	SHELDON PROPERTIES	(34)LOADS OF 1 1/4 CRUSHED ROCK	6,461.70
126239 02/14/2025	CHK	2M COMPANY	2M COMPANY INC	WATER NON INVENTORY-PELLEN SALT	734.93

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Bank Account: 4 - UMPQUA BANK - DISTRICT

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
126240 02/14/2025	CHK	ALPINE DUCTLE	ALPINE DUCTLESS HEATING	DUCTLESS HEAT PUMP REBATE-P GALLAGHER	800.00
126241 02/14/2025	CHK	ALTEC	ALTEC INDUSTRIES INC	VEHICLE #65-RATCHETING GUY STRAND CUTTER	725.55
126242 02/14/2025	CHK	CASCA1	CASCADE COLUMBIA DIST.CO.	HASA MULTICHLORINE	1,140.81
126243 02/14/2025	CHK	CSM HEATING	CSM HEATING & COOLING	DUCTED AIR-SOURCE HEAT PUMP-SASHINA WARE	9,600.00
126244 02/14/2025	CHK	GENPAC	GENERAL PACIFIC INC	(2)SMART THERMOSTATS	304.08
126245 02/14/2025	CHK	GMES LLC	GMES LLC	VEHICLE #82A-TOOL APRON & OVAL BUCKET	334.68
126246 02/14/2025	CHK	HOODCA	HOOD CANAL COMMUNICATIONS	INSTALL & WIRE (2)CAMERAS	7,604.72
126247 02/14/2025	CHK	KD&S ENVIRON	KD&S ENVIRONMENTAL, INC	ASBESTOS SURVEY-1681 E MCREAVY RD	895.00
126248 02/14/2025	CHK	ROGNLIN'S	ROGNLIN'S, INC	AGATE BEACH WATER SYSTEM PHASE 3	109,925.42
126249 02/14/2025	CHK	SCOTT MCLEND	SCOTT MCLENDON'S HARDWARE #2	TIGER LAKES WATER-PARTS	143.22
126250 02/14/2025	CHK	STATE	STATE AUDITOR'S OFFICE	ACCOUNTABILITY AUDIT	208.50
126251 02/14/2025	CHK	WPUDA	WASHINGTON PUD ASSOC.	MONTHLY DUES	2,070.00
126252 02/14/2025	CHK	WEST	WEST COAST MOBILE EQUIPMENT REP	VEHICLE #84-REPLACED FLASHING WARNING LI	1,878.78
126253 02/14/2025	CHK	NAPA AUTO PA	WESTBAY NAPA AUTO PARTS	VEHICLE #64-BALL JOINTS	484.92
126254 02/14/2025	CHK	2	SCOTT GORDON	NW ENERGY EFFICIENT MANUFACTURED-REBATE	1,200.00
126255 02/14/2025	CHK	2	TED JOHNSON	DUCTLESS HEAT PUMP REATE	800.00
126256 02/14/2025	CHK	2	MICHAEL MAY	DUCTED AIR-SOURCE REBATE	200.00
126257 02/14/2025	CHK	2	JULIE SUMMERS	SMART THERMOSTAT REBATE	140.00
126258 02/14/2025	CHK	2	SANDRA L VAN ETTEN	DUCTLESS HEAT PUMP REBATE	800.00
126259 02/14/2025	CHK	2	CHRISTOPHER WRIGHT	DUCTED AIR-SOURCE HEAT PUMP REBATE	1,200.00
126260 02/18/2025	CHK	IBEW	IBEW LOCAL UNION #77	UNION DUES	1,135.83
126261 02/18/2025	CHK	PUDEMP	PUD #1 EMPLOYEE FUND	EMPLOYEE FUND	220.00
126262 02/19/2025	CHK	XYLEM LLC	XYLEM TREE EXPERTS	2024 HAZARD TREE REMOVAL	231,781.00

Total Payments for Bank Account - 4 : (75) 1,263,014.52

Total Voids for Bank Account - 4 : (0) 0.00

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Bank Account: 4 - UMPQUA BANK - DISTRICT

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
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					Grand Total for Payments :
					(75) 1,263,014.52
					Grand Total for Voids :
					(0) 0.00
					Grand Total :
					(75) 1,263,014.52

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PARAMETERS ENTERED:**Check Date:** 02/07/2025 To 02/20/2025**Bank:** All**Vendor:** All**Check:****Journal:** All**Format:** Summary**Extended Reference:** No**Sort By:** Check/Transaction**Voids:** Current**Payment Type:** All**Group By Payment Type:** No**Minimum Amount:** 0.00**Authorization Listing:** No**Credit Card Charges:** No



Avian Protection Plan

It shall be a firm policy that all District personnel observe and comply with all applicable Federal laws regarding avian protection. Concepts outlined in this Avian Protection Plan (APP) are to be incorporated into the Districts operations.

General Manager

Dated:

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1.0 SCOPE

The MCPUD 1 Avian Protection Plan documents the methods by which the utility seeks to balance the requirement to comply with local, state, and federal regulation for the protection of birds with our mission “To provide reliable, efficient, safe, and low cost utility services in a financially and environmentally responsible manner.” The goal is to reduce mortalities of migratory birds while enhancing power reliability.

2.0 PROMULGATION

The District has formally adopted this Avian Protection Plan (APP) and educated District staff regarding new policies, procedures and standards that come with the APP.

3.0 DISTRICT CHARACTERISTICS

3.1 Impacted Species in Service Area

The following species are known to have had negative interaction with the Districts electrical system:

- Eagles (typically Bald Eagle, but some golden)
- Hawks
- Peregrine Falcon
- Swans (Trumpeter)
- Great Blue Heron
- Crows
- Gulls

The State of Washington publishes a list of Priority Bird Species. Those on the State list that range within the District’s service territory and are known to have interacted with power lines include:

- Great Blue Heron
- Northern Goshawk
- Golden Eagle
- Bald Eagle
- Peregrine Falcon

3.2 Specific Observations in Service area

- Large raptors tend to perch at the highest point on poles. Most of these fatalities are caused by electrocution and not collision.
- Certain areas tend to attract gulls and eagles, particularly:
 - Hoodsport
 - Union
 - McDonalds Cove in Eldon
 - Hama Hama Seafood
 - Point Whitney in Brinnon
- Avian species usually have injuries or fatalities resulting from a collision with smaller conductor that is more difficult for them to see.
- Generally, eagle nesting sites are within one half mile of rivers, creeks and oceans.

4.0 PRINCIPLES

4.1 District Policy

The District is committed to conducting business activities that have a minimal adverse impact on the environment which includes protection of avian species. Through regulatory compliance under the Migratory Bird Treaty Act (MBTA), as well as the Bald and Golden Eagle Protection Act, the District will benefit through reliability improvements, cost savings and positive public awareness.

4.2 Training

All appropriate District personnel have been properly trained in avian issues to include reporting an avian mortality, disposal of carcasses, compliance with applicable regulations, including the consequences of non-compliance. Supplemental training will be included where there are material changes in regulations, permit conditions, or internal policies or new employees.

4.3 Compliance

The District obtains and complies with all necessary permits related to avian issues. Particular attention is given to specific activities that require Special Purpose Permits such as temporary possession and reporting.

4.4 Construction Design Standards

Avian contact with facilities shall be considered in the design and installation of new facilities, as well as the operation and maintenance of existing facilities. For those reasons, inclusion of accepted construction standards for both new and retrofit techniques are included in this APP. These standards shall be used in areas where new construction should be bird-friendly, as well as where existing infrastructure need to be retrofitted on a case by case basis.

4.5 Avian Reporting System

MCPUD 1 is enrolled in the voluntary, online Bird Fatality Reporting System designed for utility companies only and monitored by USFWS. Collecting information about the locations and circumstances under which birds are injured or killed on power equipment serves the primary purpose of determining how to prevent future bird interactions. A Migratory Bird Nest/Mortality Report will be completed for each occurrence. In addition, outages caused by avian will be tracked in our outage reporting system and in our GIS system. Tracking the history of problematic areas will help determine the necessary remedial actions to be taken. In addition, avian injuries and fatalities can be tracked in our GIS System.

4.6 Mortality Reduction Measures

As a result of risk assessments and outage tracking, the District will implement measures where appropriate in accordance with the assessment to reduce bird mortality. Retrofit efforts will be scheduled and special attention to bird issues will be focused on where new construction is being done in areas identified as high risk.

Current construction standards are in Section 8.0 of this document. New standards will be established as needed.

4.7 Avian Enhancement Options

Proactive development of methods to protect migratory birds by employee suggestions is encouraged. The District will work with other agencies or organizations as it sees necessary to manage developed habitats in the path of PUD facilities. Exploration of different techniques and technologies will be welcome.

4.8 Quality Control

Existing practices will be reviewed on an ongoing basis to ensure quality control.

4.9 Key Resources

Internal personnel and outside resources shall be utilized when decisions concerning avian protection need to be made.

5.0 JUSTIFICATION AND PURPOSE

5.1 Federal Bird Protection Laws

Most birds killed by contacting power lines are protected by the Migratory Bird Treaty Act. Golden and bald eagles killed by power line interactions are further protected under the Bald and Golden Eagle Protection Act and bald eagles are protected by the Endangered Species Act. The US Fish and Wildlife Service (USF&WS) enforces these federal laws. Violations of these laws, including the results of “accidents”, can and have resulted in fines of \$5,000-\$250,000 and 6-24 month prison sentences per violation.

There are only a few species of birds that are NOT protected by law. Generally speaking, the MBTA protects all birds native to North America, and excludes house (English) sparrows, European starlings, rock doves (feral pigeons), monk parakeets, any other species published in the Federal Register, and non-migratory upland game birds. The list of migratory bird species protected under the MBTA appears in Title 50 of the Code of Federal Regulations part 10.13 (50 CFR 10.13).

5.2 Other

Besides federal regulations, following an avian protection plan can reduce outages, provide positive environmental stewardship and improve public relations.

6.0 BIOLOGICAL PERSPECTIVE

Bird electrocutions on power lines result from three interacting elements: biology, environment, and engineering. The biological and environmental components that influence electrocution risk include body size, habitat, prey, behavior, age, season, and weather.

Body size is one of the most important characteristics that make certain species susceptible to electrocution. Outstretched wings or other body parts that span the distance between energized conductors make electrocution risk much greater for large birds' however, small birds can be electrocuted on closely spaced energized equipment such as transformers.

Habitat is a key factor influencing avian use of poles. In open areas lacking natural perches, power poles provide sites for hunting, feeding, resting, roosting, or nesting.

Habitats with abundant prey may also attract predatory birds.

Configurations with closely spaced energized phase conductors and grounded wires are more readily bridged by birds, causing electrocutions.

6.1 Raptor Perching

Raptors are opportunistic and may use power poles for a number of purposes, such as nest sites, high points from which to defend territories, and perches from which to hunt. “Still hunting” from a perch is energy efficient for a bird, provided that good prey habitat is within view of the perch. Some structures are preferred by birds because they provide considerable elevation above the surrounding terrain, thereby offering a wide field of view. The tops of transformers provide feeding platforms after raptors have captured prey. Identification and modification of these “preferred” structures may greatly reduce the electrocution risk on an entire line. However, in areas where lines run through homogeneous terrain, there is no apparent advantage of some poles over others. Favored perches can be identified by examining cross arms and the ground beneath them for whitewash (feces accumulations), pellets, or prey remains. Since birds such as hawks and owls cannot digest the fur, feathers, and bones of their prey, they regurgitate these parts in the form of a “pellet” or “casting”. Remains of dead raptors may also identify power poles used by raptors for perching.

6.2 Power Line Electrocutions

Birds are electrocuted by power lines because of two seemingly unrelated, yet interactive factors:

1. Environmental factors such as topography, vegetation, available prey and other, behavioral or biological factors influence birds to utilize power poles.
2. Inadequate clearance between energized components and grounded hardware, thereby providing two points of contact.

Electrocution can occur when a bird completes an electric circuit by simultaneously touching two energized parts at different potentials or an energized part and a grounded part of the electrical equipment. Most electrocutions occur on distribution lines where the spacing between conductors may be small enough to be bridged by birds.

Avian-safe structures are those that provide adequate clearances to accommodate a large bird between energized and/or grounded parts. Consequently, 60 inches of horizontal separation, which can accommodate the write-to-write distance of an eagle (which is approximately 54 inches), is used as the standard for raptor protection. Likewise, vertical separation of at least 48 inches can

accommodate the height of an eagle from its feet to the top of its head (which is approximately 36 inches). Because dry feathers act as insulation, contact must be made between fleshy parts, such as the wrists, feet, or other skin, for electrocution to occur under most circumstances. In spite of the best efforts to minimize avian electrocutions, some degree of mortality may occur due to influences such as weather that cannot be controlled.

6.3 Collisions

Factors that influence collision risk can be divided into three categories: those related to avian species, those related to the environment, and those related to the configuration and location of the lines. Species-related factors include habitat use, body size, flight behavior, age, sex, and flocking behavior. Heavy-bodied, less agile birds or birds within large flocks may lack the ability to quickly negotiate obstacles, making them more likely to collide with overhead lines. Likewise, inexperienced birds as well as those distracted by territorial, hunting, or courtship activities may collide with lines. Environmental factors influencing collision risk include the effects of weather and time of day on line visibility, surrounding land use practices that may attract birds, and human activities that may flush birds into the lines. Line-related factors influencing collision risk include the configuration and location of the line and line placement with respect to other structures or topographic features.

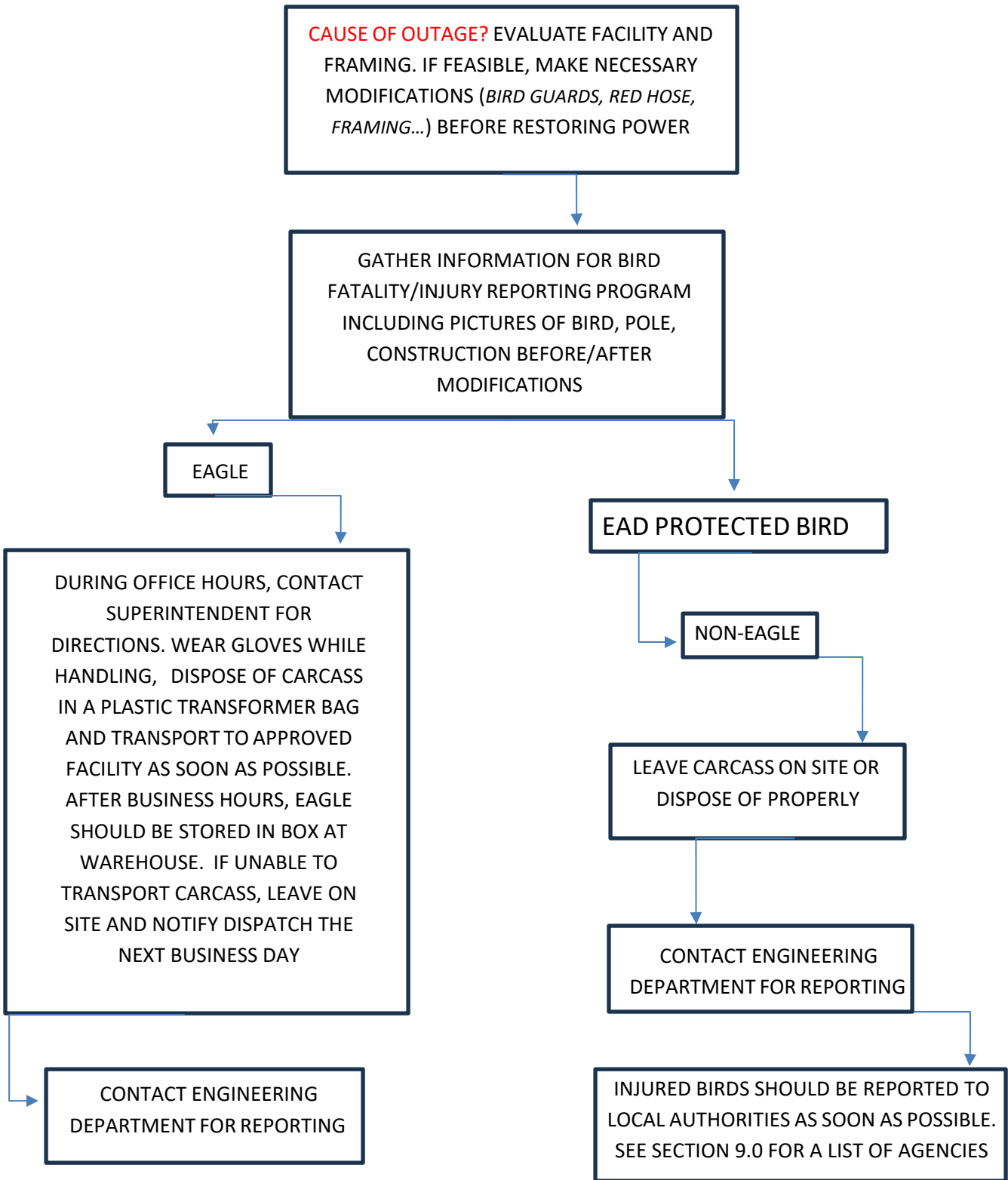
7.0 DISTRICT RESPONSIBILITIES

The District has adopted the following policies – See Section 8:

- The installation of protective measures on existing lines on a case-by-case basis.
- Where feasible and appropriate, implement avian protection design standards on new lines and lines that are planned for re-building.

PROCESS GOALS:

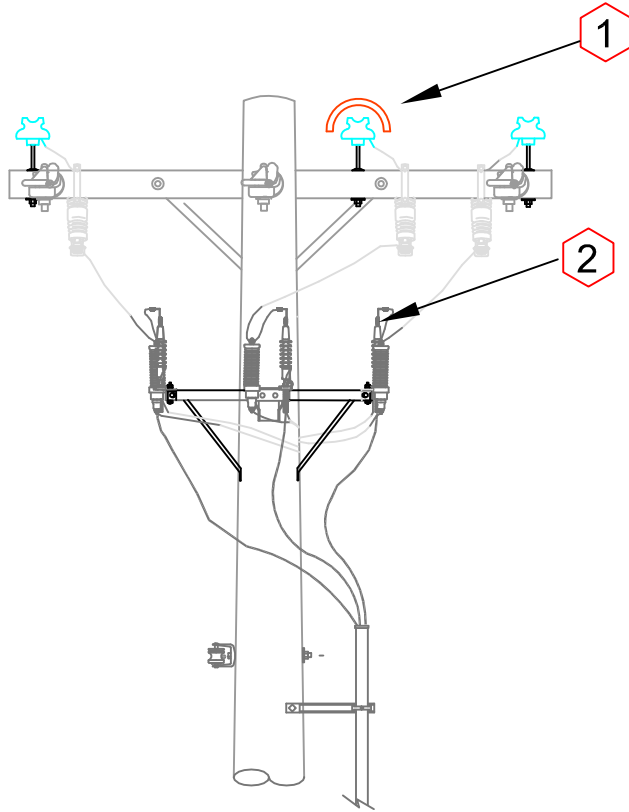
- EVALUATION
- MITIGATION
- REPORTING
- TRACKING



8.0 AVIAN (RAPTOR)-SAFE DESIGNS AND MODIFICATIONS

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AVIAN & WILDLIFE GUARDS



ITEM	DESCRIPTION	QUANTITY
1	PHASE COVER - WILDLIFE PROTECTOR	1
2	CABLE TERMINATION COVER - WILDLIFE PROTECTOR	1 PER

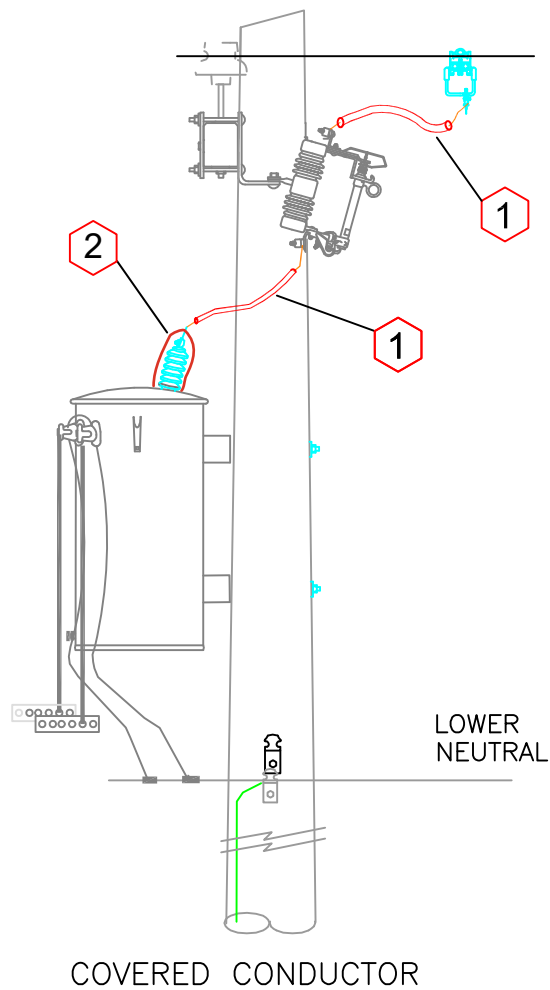


GROUP: Avian Protection
TYPE: BIRD & WILDLIFE GUARDS

OPTIONS:

PAGE 1

AVIAN & WILDLIFE GUARDS



ITEM	DESCRIPTION	QUANTITY
1	JUMPER COVER (RED TUBE) - WILDLIFE PROTECTOR	8 FT
2	TRANSFORMER BUSHING COVER - WILDLIFE PROTECTOR	1 PER



GROUP: Avian Protection
TYPE: BIRD & WILDLIFE GUARDS

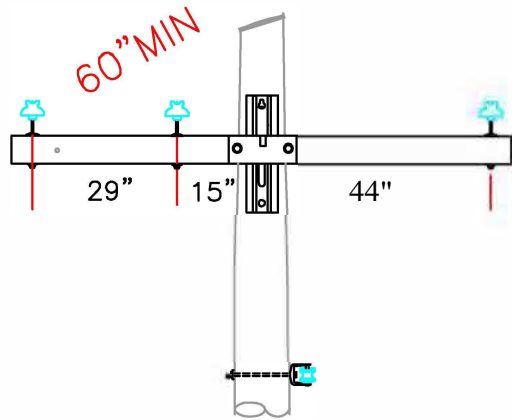
OPTIONS:

AVIAN PROTECTION FRAMING GUIDELINES

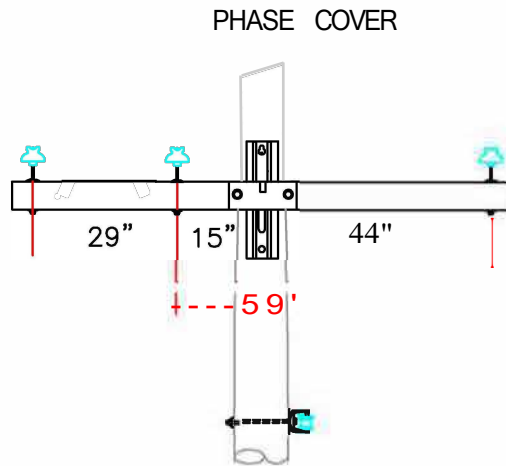
MODIFY EXISTING STRUCTURES

THREE-PHASE, LOWER NEUTRAL, 8-FT ARM (WITHOUT POLE TOP PIN)

PROBLEM

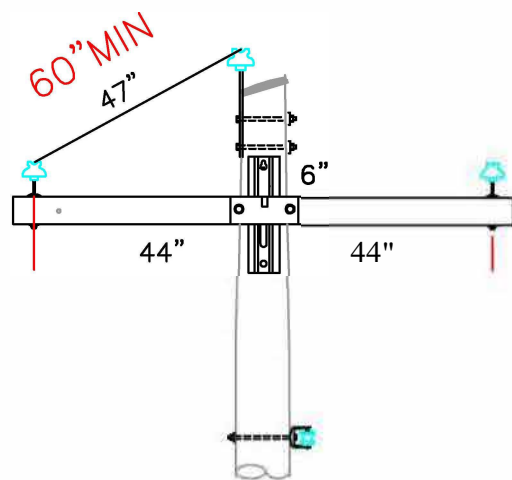


CORRECTION(S)

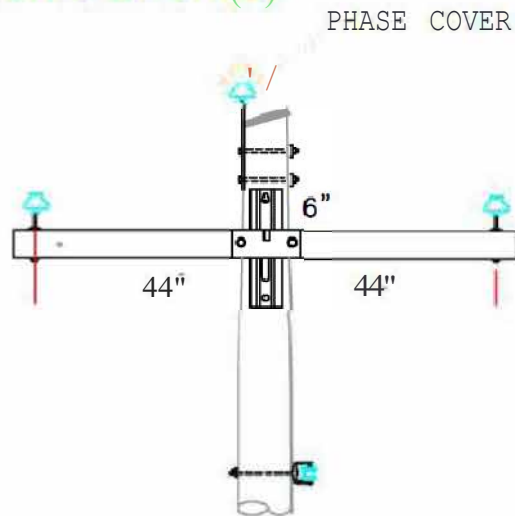


THREE-PHASE, LOWER NEUTRAL, 8-FT ARM (WITH POLE TOP PIN)

PROBLEM



CORRECTION(S)



NOTES:

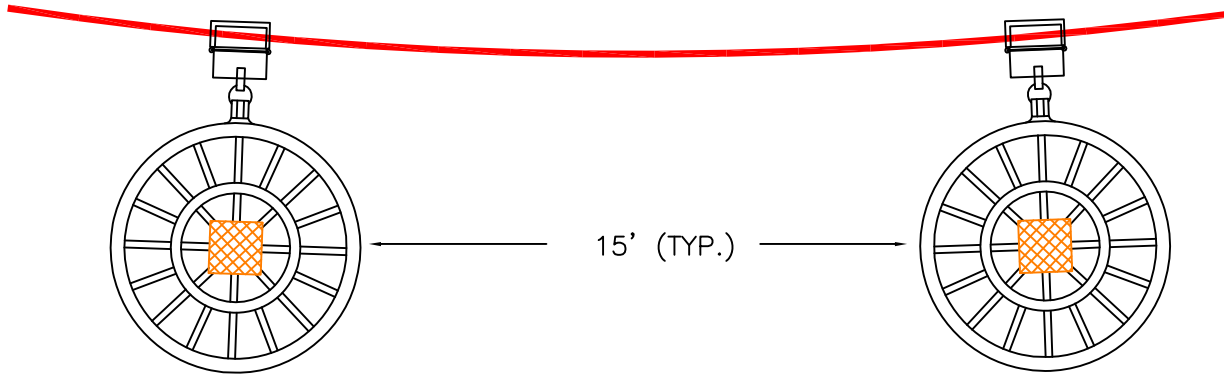
- 1.) MODIFYING STRUCTURES WILL GENERALLY TAKE PLACE DURING A PLANNED CONSTRUCTION REBUILD WHEN AN AREA IS IDENTIFIED AS A HIGH RISK AREA FOR AVIANS.



GROUP: Avian Protection

TYPE: FRAMING MODIFICATIONS

AVIAN FLIGHT DIVERTER



NOTES:

1. DIVERTERS WILL BE INSTALLED IN APPROPRIATE AREAS ON A CASE-BY-CASE BASIS.
2. STATISTICS SHOW THAT AVIAN COLLISIONS ARE UNCOMMON WITH LARGER CONDUCTOR DUE TO SIZE. FOR THAT REASON DIVERTERS WILL TYPICALLY BE INSTALLED ON SMALLER CONDUCTOR.

ITEM	DESCRIPTION	QUANTITY
1	BIRD DIVERTERS	AS REQ'D



GROUP: Avian Protection
TYPE: BIRD DIVERTER

OPTIONS:

9.0 KEY RESOURCES

1. State and Federal Agencies
 - a. Washington Department of Fish and Wildlife
Shelly Ament, Wildlife Biologist
Business Phone: 360-681-4276
Cell Phone: 360-477-0123
E-mail: Shelly.Ament@dfw.wa.gov
 - b. Washington Department of Fish and Wildlife
Anita McMillan, District Wildlife Biologist (Clallam and west Jefferson Counties)
Business Phone: 360-457-4601
Cell Phone: 360-808-2097
E-mail: Anita.McMillan@dfw.wa.gov
 - c. Washington Department of Fish and Wildlife
 - d. U.S. Fish and Wildlife Service
2. Local Licensed Rehabilitators

10.0 REFERENCES

1. Avian Protection Plan (APP) Guidelines, a joint document prepared by The Edison Electric Institution (APLIC) and U.S. Fish and Wildlife Service (USFWS)
2. Avian Power Line Interaction Committee (APLIC), 2006, *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006*, Edison Electric Institute, APLIC, and the California Energy Commission. Washington, D.C and Sacramento, CA
3. Avian Power Line Interaction Committee (APLIC). 2012. *Reducing Avian Collisions with Power Lines: The State of the Art in 2012*. Edison Electric Institute and APLIC. Washington, D.C.
4. Management Recommendations for Washington's Priority Species – Volume IV: Birds

2024 Prequalified Electrical Contractors

#	CONTRACTOR	Primary Contact / Phone	Email	MAXIMUM BID SINGLE/AGGREGATE	HIGH VOLTAGE DISTRIBUTION OVERHEAD &	HIGH VOLTAGE TRANSMISSION OVERHEAD &	HIGH VOLTAGE SUBSTATION	FIBER OPTIC	TELECOM	STREET LIGHTING	POLE INSPECTION, TESTING, REPLACEMENT, STUBBING	TREE TRIMMING & DANGER TREE REMOVAL	STORM AND EMERGENCY RESPONSE	SUBSTATION EQUIPMENT AND PROTECTIVE RELAY TESTING	QTY	MISC
1	Cannon Construction, LLC	Tom Sheard/(253) 922-2787	businessdevelopment@teamcannon.com	100M/500M				X	X	X					3	Underground trenching, plowing, horizontal directional drilling
2	Cannon Constructors, LLC	Rick Ingram/(253) 922-2787	ctr@teamcannon.com	100M/500M	X	X	X	X	X	X	X		X		8	Underground trenching, plowing, horizontal directional drilling
3	DJs Electrical, Inc.	Pete Dansforth/(360) 852-7634	peted@djselectrical.com ; bids@djselectrical.com	20M/40M	X	X	X	X	X	X	X	X	X	X	10	Underground trenching, plowing, horizontal directional drilling
4	Henkels & McCoy West, LLC	Ashley Byrns/(503) 255-5125	hmnorthwestbids@henkelswest.com ; abyrns@henkelswest.com	500M/4B	X	X	X	X	X	X	X		X	X	9	
5	Potelco, Inc	Justin Stimbert/(253) 863-0484	JLstimbert@potelco.net	100M/500M	X	X	X	X		X			X	X	7	Electrical Engineering, Microgrid BESS systems
6	Power City Electric, Inc	Jordan Sanders/ (509) 535-8500 Ext 1010	JSanders@powercityelectric.com	30M/60M	X		X						X		3	Secondary Services
7	RiverLine Power, LLC	Casey Luce/(360) 957-1947	caseyl@riverlinepower.com	6M/10M	X	X	X	X	X	X		X	X		8	
8	Salish Construction Co	Scott Hotsinpillar/(253) 218-8233	shotsinpillar@salishelectric.com	4M/8M	X	X					X		X		4	
9	Sturgeon Electric	Holly Dodge/(503) 661-1568	sturgeonbidsnw@myrgroup.com	200M/800M	X	X	X	X	X	X			X	X	8	

From: [Perry, Marcus I \(BPA\) - PSW-6](#)
To: [Kristin Masteller](#)
Cc: [Katie Arnold](#)
Subject: Provider of Choice Contract Offer Timeline
Date: Monday, February 10, 2025 2:42:32 PM
Attachments: [Provider of Choice Contract Offer Timeline Letter - Feb 2025.pdf](#)

[WARNING] This email originated outside of Mason PUD 1, DO NOT click any links or open any attachments if you are not certain this is from a safe sender. Thank you!

Hello Kristin,

Please find attached a letter providing details on the upcoming deadlines for the Provider of Contract offer process for the coming year and what is required from customers in that process. I'll highlight the April 1 – June 18 window where we will want to have a formal request in hand from customers to provide a Provider of Choice contract and a corresponding product election. So, although we have a December signature deadline for the contract, the request for contract and product election comes much sooner...Calling this out in case there are any board decisions/sessions required ahead of the formal contract request deadline of June 18.

The team will cover this content and answer any questions at the Thursday Feb. 20 workshop, but if you have questions as you are reading through it, let me know.

Marcus Perry

Marcus Perry
Account Executive | Power Services
BONNEVILLE POWER ADMINISTRATION
miperry@bpa.gov | P 206-220-6779 | C 206-769-5244



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

POWER SERVICES

February 10, 2025

In reply refer to: PS-6

To Power Customers,

This letter documents and communicates the upcoming Provider of Choice contract-related deadlines necessary to execute contracts by the end of calendar year 2025. As discussed in workshops, the Bonneville Power Administration (BPA) will conduct a standardized contract request and offer process. This enables BPA and customers to prepare for critical upcoming work, including product and service elections, information exchange, contract preparation, contract approval and signatures, and quality control.

Crafting individualized contracts is a significant undertaking; enabling orderly workload management and sequencing is critical. BPA has heard a small number of customers anticipate timing challenges tied to their product selection, internal governance, or other circumstances. While BPA will strive to accommodate alternate timing, such accommodations are expected to be rare. Customers that expect to be unable to meet the contract request and product choice deadline of June 18, 2025, should work with their Power Account Executive for consideration of appropriate accommodation. BPA and customers may mutually agree to alternate timing for contract request and offer. At this time, BPA is not considering altering the December 2025 contract signature timing.

BPA plans to review the upcoming deadlines and provide more information during the Provider of Choice intensive workshop on Thursday February 20. Customers are encouraged to attend the workshops and reach out to their Power Account Executive with questions.

Date	Action
March 12, 2025 – April 9, 2025	Public Comment Period on Draft Provider of Choice Contract Templates BPA will offer a 30-day public comment period. Customers and interested parties must submit comments on the draft contract templates by close of business on the last day of the public comment period.
April 1, 2025 – June 18, 2025	Provider of Choice Contract Request Period BPA will issue a letter to the region inviting eligible public body and cooperative utilities to request a Provider of Choice contract and their product election. Customers are encouraged make their request as early in the request window as possible. To receive a Provider of Choice contract offer, an eligible public body or cooperative utility must submit a contract request by the deadline unless BPA authorizes alternate timing on a limited and case-by-case basis.
June 18, 2025	BPA Publishes Final Contract Templates BPA intends to publish final contract templates by June 18. The templates will reflect any changes resulting from the contract template comment period.

Date	Action
August 28, 2025	<p>BPA Publishes Decision Documents</p> <p>Bonneville publishes the Contract Record of Decision (ROD) documenting how BPA addressed public comments in its final contract templates. In addition to the Contract ROD, BPA will publish the final Contract High Water Mark Implementation Policy and New Resource Rate Block Policy.</p>
August 28, 2025 – September 30, 2025	<p>BPA Makes Contract Offers</p> <p>BPA anticipates it will begin sending customers their contract offers commensurate with publication of the Contract ROD. BPA intends to issue all contract offers by September 30, 2025. However, BPA may defer delivery when alternate request timing was approved and/or for complex contracts requested late in the request window. Account Executives will ensure customer visibility to any timing deviations.</p>
December 5, 2025	<p>Deadline for Customer to Sign Provider of Choice Contract</p> <p>Customers must submit signed contracts to Bonneville no later than December 5.</p>
December 31, 2025	<p>Contract Countersigning / Authentication Complete</p> <p>BPA is developing its authentication process for contract quality assurance prior to BPA countersignature. BPA's goal is to have all contracts authenticated and countersigned by December 31; some delay into early 2026 may be necessary depending on when the bulk of customer-signed contracts are received.</p>

The timeline above represents BPA's current planning and may need to be adjusted in the coming weeks and months. I thank you for your participation in this important work to develop BPA's next long-term power sale agreement. Customer engagement shaped BPA's Provider of Choice policy and is strengthening contract template development. I thank you in advance for your support for this shift between contract design activity into contract offer preparations, which is both an exciting and demanding time.

If you have any questions, please reach out to your Power Account Executive or post2028@bpa.gov.

Thank you,

Kim Thompson
Vice President for Requirements Marketing