WYOMING PUBLIC SERVICE COMMISSION REQUIRED COVER SHEET FOR ALL FILINGS AND APPLICATIONS

Full Company Name	Powder River Energy Con	rporation		
Company ID	10014	Date_	Nove	ember 1, 2022
Street Address	221 Main Street	Sundance	WY	82729-0930
Mailing Address	PO Box 930	City Sundance	State WY	Zip (plus 4 digits) 82729-0930
Contact Person	Stephanie J. Pribilske	City Ex	State ecutive S	Zip (plus 4 digits) taff Assistant
	Name			stephp@precorp.coop (307) 283-4901
	Type of filing (cl	heck all tha	t app	ly)
X Rules & Regulat	tions			10014-226-CP-22
Tariffs included	X Yes		No	
Service List incl	luded Yes		No	
Total Amount Requeste	ed	Increase	Decre	ase 🗌 Implement New Rate
Amount Requested Per	(1	unit)		
Туре	of Filing and Fees	(check all	fees tl	nat apply)
Interconnection	on Agreement \$5.00		Se	curities Filing \$15.00
X Tariff Revisio	ns \$5.00		Re	organization \$100.00
Transfer of Cu	ustomer Base Service \$5.0	0	M	ergers \$100.00
Name Change	\$5.00		Tr	ansfer of Control \$100.00
IXC Registrat	ion (Reseller) \$5.00		Ap	oplication \$5.00
Application C Necessity \$15	Certificate of Public Conve .00	enience &		ompliance Filings No Charge
ILEC and CL	EC- New Filings \$15.00			
TOTAL AMOUNT EN	CLOSED <u>\$ 5.00</u>			
	Complia	nce Filings	5	
Compliance Fili	ng? 🗌 Yes	No No	Dock	et No
Revision/Ameno	ded Filing? 🗌 Yes	🗌 No	Dock	et No



221 MAIN STREET P.O. BOX 930 SUNDANCE, WY 82729-0930 FAX: (307) 283-3527

1-800-442-3630 -

200 GARNER LAKE ROAD GILLETTE, WY 82718-0937 FAX: (307) 682-0733

November 1, 2022

Mr. John Burbridge Wyoming Public Service Commission Hansen Building, Suite 300 2515 Warren Avenue Cheyenne, WY 82002

Re: Docket No. 10014-226-CP-22 Application for 2023 Cost of Power Adjustment

Dear Mr. Burbridge

Please be advised that Powder River Energy Corporation has submitted its' Application for a 2023 Cost of Power Adjustment (COPA) on the Wyoming Public Service Commission Document Management System.

An original printed version of this Application has been sent to your attention along with a check in the amount of \$5.00 for the applicable filing fee.

Thank you for your consideration.

Sincerely,

no Mills

Brian J. Mills Chief Executive Officer

BJM/sjp

Enclosure



BEFORE THE WYOMING PUBLIC SERVICE COMMISSION

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IN THE MATTER OF THE APPLICATION OF Powder River Energy Corporation, Sundance, Wyoming, for Authority to Decrease Its' Cost of Power Adjustment by \$1,151,836 per Annum

DOCKET NO. 10014-226-CP-22

APPLICATION

Powder River Energy Corporation (the Cooperative) respectfully submits for Wyoming Public Service Commission (the Commission) approval of its' Application subject to refund as referenced in this Application, for authority to adjust its Cost of Power Adjustment (COPA) pursuant to Chapter 3, § 26 of the Rules of the Wyoming Public Service Commission (Rules) and in accordance with the COPA procedures set forth in the Cooperative's Billing Adjustments (BA) Tariff.

The Cooperative implemented a COPA as part of its general rate filing in 2001 (Docket No. 10014-CR-01-53). The COPA is a mechanism by which the Cooperative recovers and/or returns changes in wholesale power cost relative to the amount of power cost embedded in base retail rates. The current COPA became effective on January 1, 2022 (Docket No. 10014-215-CP-20).

The proposed COPA factors for 2023 in this Application have been designed based upon the base power cost approved in Docket No. 10014-202-CR-19.

The proposed COPA factors in this Application reflect the projected cost of power for January 2023 through December 2023 using projected billing units for the period and the applicable wholesale rates effective January 1, 2023.

The proposed COPA factors reflect the reconciliation of the COPA revenue for the months of October 2021 through September 2022 and the accrual of interest on any over-

recovered balances during the true-up period. The COPA factors proposed in this Application and the resulting change in revenue are listed below:

	Existing	Proposed	Change in
	COPA Factor	COPA Factor	Revenue
All Rate Classes except LP-TOU Trans, LPT and LPT-CBM	\$0.000791	\$0.001821	\$1,029,241
LPT-CM	\$0.000022	\$(0.002181)	\$(1,977,718)
LPT-CBM	\$0.000041	\$(0.002410)	\$ (120,717)
LP-TOU Transmission	\$0.000634	\$(0.001203)	\$ (82,642)

The net change in revenues resulting from the proposed changes to the Cooperative's COPA factors is \$(1,151,836) as shown in **Exhibit A-2**.

In support of this Application, the Cooperative states:

1. **Company Operations.** The Applicant is a non-profit cooperative electric utility organized and existing under, and by virtue of, the laws of the State of Wyoming. The Cooperative, pursuant to the laws of the State of Wyoming, is qualified to do business as a corporation within the State of Wyoming. The Cooperative is duly authorized to generate, manufacture, purchase, acquire, and transmit electric energy; sell supplies; and dispose of electric energy in its certificated territory. The rates charged by the Cooperative for its electric service have been established and placed in effect under appropriate Orders of the Commission.

2. Authority. This Application is filed pursuant to Wyoming Statute § 37-3-106, Chapter 3, §26 of the Rules and the current COPA procedures set forth in the Cooperative's Billing Adjustments (BA) Tariff, approved in Docket No. 10014-202-CR-19.

3. Test Year. The test year for this Application is based on projected sales for January 1, 2023 through December 31, 2023.

Wholesale Power Supply. The Cooperative is a member of Members 1st
 Power Cooperative (Members 1st Power). Members 1st Power is a Class A member of

Basin, located in Bismarck, North Dakota, and purchases its power requirements through agreements and contracts with Basin. Members 1st Power has an all-requirements contract with Basin that extends through December 31, 2075. Members 1st Power contract with the Cooperative adopts Basin's Class A rates to bill the Cooperative.

5. Purchased Power Costs for 2023. The Cooperative's projected purchased power costs for 2023 are calculated to be \$125,543,872 as shown in **Exhibit B-1**. Of this total amount, \$56,179,891, \$2,901,612, and \$2,643,454 are the projected power costs for the LPT-CM, LPT-CBM, and LP-TOU Transmission rate classes, respectively, as shown in **Exhibits C-1**, **C-2**, and **C-3**. The Cooperative's projected power costs are based on the Cooperative's projected demand and energy purchases for January 2023 through December 2023 and were calculated using Basin's proposed Class A rates as filed with FERC, Basin's hybrid rate for Western Division purchases, and Western Area Power Administration's (WAPA) rates effective January 1, 2023. The Cooperative's projected power costs also include a fixed monthly charge from Members 1st Power. For the test year, the Cooperative's average wholesale power cost is projected to be 63.01 mills per kWh, compared to the projected average of 63.02 mills per kWh used to calculate the existing COPA factor.

6. Cost of Power Adjustment. The proposed COPA for 2023 is equal to the sum of the recoverable power cost for 2023 and the over/under recovery for the 2022 true-up period. The recoverable power cost for 2023 is calculated by taking the difference between the projected power cost for 2023 and the base cost of power recovered through the Cooperative's retail rates. Adding the over-recovery from the 2022 true-up period to the recoverable power cost for 2023 results in a total projected COPA of \$(311,141) as shown below:

Recoverable Power Cost for 2022	\$	16,259
Over-Recovery from True-up Period	\$(3	327,400)
Total Cost of Power Adjustment	\$(3	311,141)

Of this total, \$1,819,501 is associated with all rate classes other than the LPT-CM, LPT-CBM, and LP-TOU Transmission rate classes (Exhibit A-1, Line 14); \$(1,957,864) is associated with the LPT-CM rate class (Exhibit A-1, Line 23); \$(118,677) is associated with the LPT-CBM rate class (Exhibit A-1, Line 32), \$(54,101) and is associated with the LP-TOU Transmission rate class (Exhibit A-1, Line 41).

The cost of power is calculated separately for the Cooperative's large power transmission rate classes to accurately reflect the assignment of fixed costs to each class. Basin's Class A rate is applicable to wholesale purchases for the large power transmission classes, but the allocation of fixed cost is reduced over time as load growth increases for the remainder of the system. Separate COPA factors are necessary to track the change in power cost for these classes relative to the base power cost included in the base retail rates. There are additional classes outlined in the Cooperative's Billing Adjustment (BA) Tariff Rate Schedule, however the Cooperative does not currently have any members in those rate classes.

7. COPA Over/Under Recovery. The proposed COPA for 2023 includes a reconciliation of COPA revenues for the months of October 2021 through September 2022. During this period, the Cooperative recovered \$590,822 from its members through the COPA, based on the difference between the projected cost of power for the period and the base cost of power recovered in the retail rates. In addition, \$202,126 was returned to Cooperative's members that related to the true-up of a prior period. Therefore, total net amount collected through the COPA during the current true-up period was

\$388,696. The actual COPA revenue collected in this 12-month true-up period is summarized in **Exhibit S**.

Exhibits E through **P** show the calculations of the COPA over/under recovery for each month in the true-up period. These calculations are summarized on **Exhibit D**. Additionally, **Exhibit D** shows the accrual of interest on any monthly over-recovered balance for the rate classes during the 12-month true-up period.

The total system over-recovery for this time frame is \$327,400 and is included in the calculation of the COPA factors for 2023 (**Exhibit A-1**). Of this amount, \$754,378 is an under-recovery from all customers other than the LPT-CM, LPT-CBM, and LP-TOU Transmission rate classes; \$1,013,338 is an over-recovery from the LPT-CM rate class; \$60,041 is an over-recovery from the LPT-CBM rate class, and \$8,398 is an under-recovery from the LP-TOU Transmission rate class.

8. Supporting Documentation. The Cooperative submits the testimony of Mr. William H. Mertz III and **Exhibits A** through **T** in support of this Application.

9. Tariff Rate Riders. The proposed Tariff Rate Rider pages 1, 2, and 3 are included.

10. Contacts. Communications regarding this Application are to be addressed to Mr. Brian J. Mills, Chief Executive Officer for the Applicant, Post Office Box 930, Sundance, Wyoming 82729; Ms. Kara Ellsbury, Attorney for the Applicant, Post Office Box 1083, Cheyenne, Wyoming 82003-1083 and Mr. David W. Hedrick, Executive Vice President - Director of Analytical Solutions, C. H. Guernsey & Company, 5555 North Grand Boulevard, Oklahoma City, Oklahoma 73112-5507.

WHEREFORE, the Cooperative respectfully requests that the Commission, in accordance with Wyoming statutory provisions and the Commission's rules, enter an

order effective January 1, 2023, authorizing the Cooperative to implement the proposed COPA for 2023.

Dated at Sundance, Wyoming this 1st day of November 2022.

POWDER RIVER ENERGY CORPORATION

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Brian J. Mills Chief Executive Officer Powder River Energy Corporation 221 Main St./PO Box 930 Sundance, WY 82729-0930

BEFORE THE WYOMING PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF William H. Mertz III

ON BEHALF OF POWDER RIVER ENERGY CORPORATION

Docket No. 10014-226-CP-22

1 Q. Please state your name and business address.

- 2 A. My name is William H. Mertz III, and my business address is Powder River
- 3 Energy Corporation, P.O. Box 930, Sundance, Wyoming 82729.
- 4 Q. By whom are you employed and what is your position?
- 5 A. I am employed as the Chief Financial and Administration Officer (CFAO)
- 6 of Powder River Energy Corporation ("PRECorp" or "the Cooperative").

7 Q. What are your duties as Chief Financial and Administrative Officer of

- 8 **Powder River Energy Corporation?**
- A. My responsibilities are to manage the corporate accounting, finance, and
 administrative functions of the Cooperative. The administrative duties
 include management of fleet, facilities, and procurement. I also have the
 responsibility of ensuring the Cooperative's rates and margins are
 sufficient to maintain a sound financial position and that we have adequate
 short and long-term financing available.

15 Q. Please summarize your educational and professional background.

A. My education includes a Bachelor of Science in Business Administration in
 Accounting from the University of Arizona with a Lean Six Sigma Masters
 Certification from Villanova University. Employed by PRECorp since
 August of 2021, I have several years of experience in the electric
 cooperative industry including generation and transmission as well as
 electric distribution.

22 Q. What is the purpose of your testimony?

A. I will provide testimony describing the purpose and development of the
 Cost of Power Adjustment (COPA) for 2023.

25 Q. What is the purpose of the COPA?

Α. The COPA provides a mechanism by which the Cooperative can 26 recover/return changes in power cost increases or decreases relative to 27 28 the amount of power cost embedded in the base retail rates. The change in power cost can be a result of an actual change in the wholesale rates 29 charged by the Cooperative's power supplier or because of a change in 30 31 billing units that results in a change in average power cost per kWh. The 32 COPA ensures that the Cooperative's margins are not affected by 33 changes in the wholesale cost of power and that any increases or 34 decreases are passed on to the Members of the system.

35 Q. Please describe the general process involved in developing the 36 COPA for 2023.

37 Α. The calculation of the COPA factor to be applied beginning in January 2023 is the sum of two components: the projected over/under recovery of 38 power cost for 2023, plus a true-up of the over/under recovery for the prior 39 period. The prior period over/under recovery includes October 2021 40 through September 2022, which is the most recent month of actuals 41 42 available. The projected power cost is based on the wholesale rates applicable in January 2023, multiplied by the projected billing units for 43 2023. The prior period over/under recovery is determined based on the 44 actual COPA revenue recovered compared to the actual recoverable 45 power cost. In compliance with Wyoming Public Service Commission 46 ("Commission") rules, an interest component has been added to each 47 month in the prior period when the Cooperative was in an over-recovered 48 position. 49

50 **Q.**

Please describe Exhibit A-1.

Α. **EXHIBIT A-1** is the summary schedule showing the development of the 51 proposed 2023 COPA factor for the four customer groups: Remainder of 52 53 System, Large Power Transmission-Coal Mines, and Large Power Transmission–Coal Bed Methane (CBM) and Large Power–Time of Use– 54 55 Transmission. The projected power cost for the four groups is developed 56 in **EXHIBITS B-1, C-1, C-2, and C-3**. The base power cost in rates (per unit rates) is the amount approved in Docket No. 10014-202-CR-19. The 57 58 base power cost in rates multiplied by the projected kWh sold produces 59 the Base Power Cost in Rates in dollars. Subtract this amount from the

60 projected power cost to determine the recoverable power cost. The 61 over/under recovery for the prior period is added to the recoverable power 62 cost to determine the total amount to include in the COPA for 2023. This 63 amount is divided by the total projected kWh to determine the factor to be 64 applied.

65 Q. Please describe EXHIBIT A-2.

A. **EXHIBIT A-2** shows the calculation of the change in COPA revenue resulting from the application of the proposed COPA factor for 2023. The change in revenue is calculated by applying the change from existing to proposed COPA factor to the projected kWh sold for 2023. The total change in revenue is a decrease of \$1,151,836. The change in both the recoverable power cost component and the over/under recovery component of the COPA factors are shown.

Q. Please describe the development of the projected power cost shown
 on EXHIBITS B-1, C-1, C-2, and C-3.

Α. **EXHIBIT B-1** is the calculation of the projected total 2023 power cost for 75 76 the system. The projected billing units were developed by the Cooperative based on the projected demand and energy requirements for 2023. The 77 78 wholesale rates used to develop the projected power cost are the rates to 79 be applied beginning in January 2023, which include Basin Electric's 80 (Basin) proposed Class A rates as filed with FERC, Basin's hybrid rate for 81 Western Division purchases, and Western Area Power Administration 82 (WAPA) rates, which apply to the small WAPA allocation the Cooperative

- receives through Basin. Both Basin and WAPA have notified PREC of
 rate changes effective January 1, 2023.
- EXHIBIT C-1 shows the calculation of the projected power cost for the Large Power Transmission-Coal Mine class based on the projected billing units for 2023 and the effective Basin Rate to be applied beginning in January 2023. EXHIBIT C-2 shows the calculation of the projected power cost for the Large Power Transmission–CBM based on the projected billing units for 2023 and the effective Basin Rate to be applied beginning in January 2023.

EXHIBIT C-3 shows the calculation of the projected power cost for the
Large Power–Time of Use Transmission based on the projected billing
units for 2023 and the effective Basin Rate to be applied beginning in
January 2023.

96 Q. Please describe the Summary of COPA Over/Under Recovery, shown 97 on EXHIBIT D.

Α. Column (a) of **EXHIBIT D** is the number of days in the month for purposes 98 99 of calculating the interest on any over-collected balance. Column (b) provides the summary of the actual over/under recovery for the months of 100 101 October 2021 through September 2022, as developed on **EXHIBIT E** 102 through **EXHIBIT P** for each individual month. Column (c) is the component of the COPA revenue for a prior year true-up. Column (d) is 103 the sum of the prior month's total over/under recovery (which includes 104 105 interest) plus column (b) and column (c). Column (d) is the amount upon

which monthly interest is calculated. Column (e) is the applicable interest rate for the period. Column (f) is the calculation of interest based upon the balance in column (d), the number of days in column (a), and the interest rate in column (e). Column (g) is the sum of columns (d) and (f).

- Q. What does the September 2022 balance for each of the three groups
 represent?
- A. The balance as of September 2022 represents the amount by which the COPA is over/under recovered for the customer group. The September 2022 balances shown on **EXHIBIT D** are included in the calculation of the 2022 COPA factor on **EXHIBIT A-1** as an over/under recovery amount for the prior period.
- Q. Please describe the development of the monthly over/under recovery
 as shown on EXHIBITS E through P.
- 119 Α. The summary of the actual power cost for the three different groups is shown on EXHIBITS Q, R-1, R-2, and R-3. The base cost in rates (per-120 unit rates) is the amount included in the Cooperative's Billing Adjustment 121 122 tariff. This base power cost multiplied times the actual kWh sold for the period determines the actual base power cost (in dollars). The actual 123 124 power cost less the base power cost in rates provides the recoverable power cost for the period. The recoverable power cost less the actual 125 COPA revenue provides the amount of the over/under recovery for the 126 127 period.

Q. Has the Cooperative confirmed that the power cost as projected represents the best option available?

- A. The Cooperative has a long-term all-requirements purchase agreement
 with Members 1st Power Cooperative (Members 1st Power), which has a
 long-term all-requirements purchase agreement with Basin and therefore
 does not have the ability to choose a different power supplier.
- Q. What financial information has the Cooperative provided as an
 indication of the current financial condition of the Cooperative?
- A. **EXHIBIT T** is the comparative income statement reflecting the Adjusted 2018 test year as approved in Docket No. 10014-202-CR-19, the Actual 2021 period and the Budgeted 2023 period which includes the revised COPA for 2023. The operating margins and financial ratios indicate that the Cooperative is not in an over-earnings position.

141 **Q.** Does this conclude your testimony?

142 A. Yes, it does.

CALCULATION OF COPA FACTOR FOR 2023

			<u>Amount</u>
Remainder of System1 Projected Cost of Power for 2023 (Exhibit B-1, Page 2)2 Less: Black Hills*3 Less: Projected LPT Power Cost (L16)4 Less: LPT CBM Power Cost (L25)5 Less: LPT TOU Transmission CBM Power Cost (L34)5 Plus: Heat Rate Credit			125,543,872 66,678 56,179,891 2,901,612 2,643,454 (496,316)
6 Remainder System Power Cost			64,248,554
 7 Base Power Cost In Rates \$/kWh Sold 8 Projected kWh Sold for 2023 9 Less: Black Hills kWh 10 Projected kWh Sold for 2023 Less Black Hills 11 Base Power Cost in Rates \$ 			0.063230 1,000,361,335 1,097,848 999,263,487 63,183,430
12 Recoverable Power Cost (L6 - L11) 13 (Over)/Under Recovery for 2022 (Exhibit D) 14 TotalAmount to Include in COPA for 2023			1,065,123 754,378 1,819,501
15 Calculated COPA Factor for 2023 (L14/L10)			0.001821
Large Power Transmission - LPT 16 Projected Cost of Power for 2023 (Exhibit C-1) 17 LPT Base Power Cost In Rates: (Proposed tariff)	Projected <u>Billing Unit</u>		56,179,891
 Base Demand Charge CP Billed @ Meter Base Energy Charge kWh Billed @ Meter Total LPTC Base Power Cost in Rate 	1,459,906 897,738,665	19.90 0.031270	29,052,128 28,072,288 57,124,417
21 LPT Recoverable Power Cost (L16 - L20) 22 (Over)/Under Recovery for 2022 (Exhibit D) 23 Total Amount to Include in LPT COPA for 2023			(944,525) (1,013,338) (1,957,864)
24 LPT COPA Factor for 2023 (L23/ kWh Sold for Class)	897,738,665		(0.002181)
Large Power Transmission - LPT-CBM25 Projected LPT-CBM Power Cost for 2023 (Exhibit C-2)26 LPT-CBM Base Power Cost In Rates: (Proposed tariff)27Base Demand Charge CP Billed @ Meter28Base Energy Charge kWh Billed @ Meter29Total LPTC Base Power Cost in Rate	71,166 49,252,000	19.99 0.031220	2,901,612 1,422,600 1,537,647 2,960,248
30 LPT Recoverable Power Cost (L25 - L29) 31 (Over)/Under Recovery for 2022 (Exhibit D) 32 Total Amount to Include in LPT-CBM COPA for 2023			(58,636) (60,041) (118,677)
33 LPT COPA Factor for 2023 (L32/ kWh Sold for Class)	49,252,000		(0.002410)
LP TOU - Transmission 34 Projected LP TOU(previously LPT-G) Power Cost for 2020 (Exhibit C-3) 35 LP TOU Base Power Cost In Rates: (Proposed tariff) 36 Base Demand Charge CP Billed @ Meter 37 Base Energy Charge kWh Billed @ Meter 38 Total LP TOU Base Power Cost in Rate) 65,472 44,987,400	19.69 0.031120	2,643,454 1,289,149 1,400,008 2,689,157
39 LP TOU Recoverable Power Cost (L34 - L38) 40 (Over)/Under Recovery for 2022 (Exhibit D) 41 Total Amount to Include in LP TOU COPA for 2023			(45,703) (8,398) (54,101)
42 LP TOU COPA Factor for (L41/ kWh Sold for Class)	44,987,400		(0.001203)

* Estimated Sales to Black Hills Electric members served by PREC as part of reciprocal agreement with BHEC

CALCULATION OF INCREASED COPA REVENUE

	Existing <u>COPA</u>	Proposed <u>COPA</u>	Change in <u>COPA</u>	Projected <u>kWh</u>	Change \$
<u>Total COPA</u> Remainder of System	0.000791	0.001821	0.001030	999,263,487	1,029,241
Large Power Transmission	0.000022	(0.002181)	(0.002203)	897,738,665	(1,977,718)
Large Power Trans CBM	0.000041	(0.002410)	(0.002451)	49,252,000	(120,717)
Large Power Trans TOU	0.000634	(0.001203)	(0.001837)	44,987,400	(82,642)
Total				1,991,241,552	(1,151,836)
Power Cost Component Remainder of System	0.000500	0.001066	0.000566	999,263,487	565,584
Large Power Transmission	0.000278	(0.001052)	(0.001330)	897,738,665	(1,193,992)
Large Power Trans CBM	0.000095	(0.001191)	(0.001286)	49,252,000	(63,338)
Large Power Trans TOU	0.000562	(0.001016)	(0.001578)	44,987,400	(70,990)
Total					(762,736)
<u>(Over)/Under Recovery Component</u> Remainder of System	0.000291	0.000755	0.000464	999,263,487	463,658
Large Power Transmission	(0.000256)	(0.001129)	(0.000873)	897,738,665	(783,980)
Large Power Trans CBM	(0.000054)	(0.001219)	(0.001165)	49,252,000	(57,362)
Large Power Trans TOU	0.000072	(0.000187)	(0.000259)	44,987,400	(11,633)
Total					(389,317)

PROJECTED PURCHASED POWER USING 2021 BASIN RATE FOR ALL BASIN LOAD FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2023

	January	February	March	<u>April</u>	May	June	July	August	September	October	November	December	<u>Total</u>
<u>Black Hills Electric</u> Energy - kWh Billing*	0 0	0 0	0		0 0	0 0				0 0	0 0	0 53,223	0 53,223
<u>WAPA</u> Billing Demand - kW kWh	11,464 7,463,369	9,853 5,887,769	9,893 6,426,789	9,291 5,921,855	9,451 6,205,780	11,475 7,138,675	14,182 8,923,343	11,753 7,138,675	9,161 5,232,324	12,338 7,007,274	12,769 7,007,274	13,166 7,670,685	134,796 82,023,812
<u>WAPA Billing Calculation</u> Billing Demand - kW kWh	4.80 0.018310	4.80 0.018310		4.80 0.018310	4.80 0.018310	4.80 0.018310		4.80 0.018310	4.80 0.018310	4.80 0.018310	4.80 0.018310	4.80 0.018310	
Demand Billing Energy Billing Total	55,025 136,654 191,679	47,294 107,805 155,099	47,488 117,675 165,163	44,595 108,429 153,024	45,364 113,628 158,992	55,082 130,709 185,791	68,072 163,386 231,458	56,414 130,709 187,123	43,973 95,804 139,777	59,221 128,303 187,524	61,291 128,303 189,595	63,198 140,450 203,649	647,019 1,501,856 2,148,875
<u>BASIN</u> Projected kW Purchased Projected kWh Purchased	279,290 175,407,292	282,278 161,547,056	270,211 167,172,886	245,738 151,348,686	230,077 146,330,060	228,794 141,948,575	233,230 145,151,649	233,199 148,731,807	241,159 150,708,048	258,904 161,114,288	291,900 175,688,663	302,670 185,615,170	3,097,451 1,910,764,180
BASIN Billing Calculation Demand Charge Energy Charge	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	19.56 0.03047	
Demand Billing Energy Billing Heat Rate Credits Fixed Charges Members 1st Adder Other	5,462,911.85 5,344,660.20 (93,709.91) 1,700.00 22,528.75	5,521,351.16 4,922,338.79 (89,666.02) 1,700.00 22,528.75		4,806,643.40 4,611,594.45 (54,404.46) 1,700.00 22,528.75	4,500,297.99 4,458,676.93 1,700.00 22,528.75		4,561,983.68 4,422,770.74 1,700.00 22,528.75		4,717,073.31 4,592,074.22 0.00 1,700.00 22,528.75	5,064,163.88 4,909,152.36 (39,269.48) 1,700.00 22,528.75	5,709,561.00 5,353,233.57 (63,698.65) 1,700.00 22,528.75	5,920,233.60 5,655,694.24 (83,878.16) 1,700.00 22,528.75	60,586,136.83 58,220,984.57 (496,316.19) 20,400.00 270,345.00 0.00
Power Service Agreement Renewable Energy Credit Data Incentive Credit Total	50,072.68 0.00 (18,632.65) 10,769,530.91	45,824.65 0.00 (17,051.90) 10,407,025.43	47,487.14 0.00 (17,670.54) 10,361,442.74	43,088.60 0.00 (16,033.79) 9,415,116.96	41,860.74 0.00 (15,576.89) 9,009,487.53	40,995.05 0.00 (15,254.75) 8,850,351.44	42,643.40 0.00 (15,868.12) 9,035,758.45	46,048.41 0.00 (15,984.88) 9,147,529.01	45,944.36 0.00 (15,948.76) 9,363,371.88	49,363.98 0.00 (17,135.82) 9,990,503.68	53,494.48 (549,869.52) (18,569.65) 10,508,379.98	56,732.76 0.00 (19,693.76) 11,553,317.42	563,556.25 -549,869.52 (203,421.51) 118,411,815.42
<u>Western Division</u> CP kW Metered Energy kWh Metered	11,302 6,464,945	11,182 5,838,060	10,006 5,959,478	9,634 5,656,783	8,634 5,748,674	10,227 5,923,872	11,650 7,168,921	11,241 6,559,840	10,805 6,122,931	9,236 6,004,044	9,854 5,999,503	11,473 6,832,256	125,244 74,279,309
<u>Hybrid Rate from Basin</u> CP Demand Charge Energy Charge	19.56 0.03339	19.56 0.03339	19.56 0.03339	19.56 0.03339	19.56 0.03339	19.56 0.03339		19.56 0.03339	19.56 0.03339	19.56 0.03339	19.56 0.03339	19.56 0.03339	
CP Billing Energy Billing Total	221,059 215,865 436,924	218,728 194,933 413,661	195,714 198,987 394,701	188,435 188,880 377,315	168,888 191,948 360,836	200,040 197,798 397,838	227,882 239,370 467,253	219,873 219,033 438,906	211,337 204,445 415,782	180,662 200,475 381,137	192,735 200,323 393,058	224,418 228,129 452,547	2,449,772 2,480,186 4,929,958
Total Billing kW Total kWh Total Power Cost	302,055 189,335,606 11,398,134	303,313 173,272,885 10,975,785	290,110 179,559,153 10,921,307	264,663 162,927,324 9,945,457	248,162 158,284,514 9,529,316	250,496 155,011,122 9,433,981		256,193 162,430,322 9,773,558	261,125 162,063,303 9,918,931	280,478 174,125,606 10,559,165	314,522 188,695,440 11,091,033	327,310 200,118,112 12,262,736	3,357,490 2,067,067,301 125,543,872

*Power purchased from BHEC for PREC members as part of reciprocal agreement with BHEC

PROJECTED POWER COST THROUGH 2023 FOR LARGE POWER TRANSMISSION - (LPT)

	<u>January</u>	February	March	<u>April</u>	May	June	July	August	September	October	November	December	<u>Total</u>
Billing Units @ Basin Level													
Total Basin Billing kW	279,290	282,278	270,211	245,738	230,077	228,794	233,230	233,199	241,159	258,904	291,900	302,670	3,097,451
LPT Billing kW	131,021	130,621	129,797	115,685	108,732	107,963	112,264	109,746	109,536	124,121	140,552	145,599	1,465,637
LPT kW as % of Total	46.91%	46.27%	48.04%	47.08%	47.26%	47.19%	48.13%	47.06%	45.42%	47.94%	48.15%	48.10%	47.32%
Total LPT kWh Purchased	82,074,317	75,623,769	79,166,112	72,280,732	71,185,600	68,360,681	69,159,182	70,173,815	69,504,476	75,665,650	82,333,555	85,734,713	901,262,601
Effective Desire Date													
Effective Basin Rate	10 50	10 50	10 50	10.50	10.50	10.50	10 50	10 50	10.50	10.50	10.50	40.50	
Demand Charge	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	
Energy Charge	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	
Fixed Charges per CP kW	0.2660	0.2482	0.2654	0.2739	0.2872	0.2851	0.2867	0.3014	0.2910	0.2842	0.2663	0.2675	
Adjustments/Other Credits	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0032	-0.0001	
Demand Billing	2.562.775	2.554.949	2.538.822	2.262.795	2.126.792	2.111.758	2.195.886	2,146,631	2.142.519	2.427.797	2.749.206	2,847,923	28,667,852
Energy Billing	2,502,775	2,304,256	2,412,191	2,202,793	2,169.025	2,082,950	2,107,280	2,138,196	2,117,801	2,305,532	2,508,703	2,612,337	27,461,471
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Fixed Charges Billing	34,856	32,416	34,449	31,691	31,233	30,778	32,189	33,073	31,873	35,281	37,424	38,946	404,210
Adjustments/Other Credits	-8,718	-7,982	-8,368	-7,657	-7,578	-7,346	-7,561	-7,542	-7,355	-8,048	-266,390	-9,096	-353,642
Total LPT Power Cost	5,089,717	4,883,639	4,977,095	4,489,222	4,319,473	4,218,139	4,327,794	4,310,359	4,284,838	4,760,563	5,028,944	5,490,110	56,179,891

PROJECTED POWER COST THROUGH 2023 FOR LARGE POWER TRANSMISSION - CBM

	January	February	March	<u>April</u>	May	June	July	August	September	October	November	December	Total
Billing Units @ Basin Level													
Total Basin Billing kW	279,290	282,278	270,211	245,738	230,077	228,794	233,230	233,199	241,159	258,904	291,900	302,670	3,097,451
LPT-CBM Billing kW	6,411	6,684	6,366	6,133	6,223	5,429	5,448	5,114	5,204	6,212	5,732	6,386	71,345
LPT-CBM kW as % of Total	2.30%	2.37%	2.36%	2.50%	2.70%	2.37%	2.34%	2.19%	2.16%	2.40%	1.96%	2.11%	2.30%
kWh Purchased	4,603,555	4,084,251	4,428,115	4,252,674	4,182,498	3,838,635	3,922,846	3,880,741	3,719,336	4,042,146	4,091,269	4,329,868	49,375,934
Effective Basin Rate													
Demand Charge	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	
Energy Charge	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	
Fixed Charges per CP kW	0.2660	0.2482	0.2654	0.2739	0.2872	0.2851	0.2867	0.3014	0.2910	0.2842	0.2663	0.2675	
Adjustments/Other Credits	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0032	-0.0001	
Demand Billing	125.405	130.746	124.526	119.969	121.726	106.188	106.572	100.038	101.795	121.507	112,118	124,911	1,395,502
Energy Billing	140,270	124,447	134,925	129,579	127,441	116,963	119,529	118,246	113,328	123,164	124,661	131,931	1,504,485
Fixed Charges Billing	1,706	1,659	1,690	1,680	1,788	1,548	1,562	1,541	1,514	1,766	1,526	1,708	19,688
Adjustments/Other Credits	-489	-431	-468	-451	-445	-413	-429	-417	-394	-430	-13,237	-459	-18,063
Total LPT - CBM Power Cost	266,892	256,421	260,673	250,778	250,509	224,286	227,235	219,409	216,244	246,007	225,068	258,091	2,901,612

PROJECTED POWER COST THROUGH 2023 FOR LARGE POWER TOU TRANSMISSION

	<u>January</u>	February	March	<u>April</u>	May	June	July	<u>August</u>	September	October	November	December	Total
Billing Units @ Basin Level													
Total Basin Billing kW	279,290	282,278	270,211	245,738	230,077	228,794	233,230	233,199	241,159	258,904	291,900	302,670	3,097,451
LP TOU-Trans Billing kW	1,037	1,197	1,404	804	1,119	5,141	5,243	4,931	11,188	10,920	11,183	11,366	65,532
LPT-CBM kW as % of Total	0.37%	0.42%	0.52%	0.33%	0.49%	2.25%	2.25%	2.11%	4.64%	4.22%	3.83%	3.76%	2.12%
kWh Purchased	707,644	783,713	937,853	761,693	712,649	3,379,075	3,499,384	3,526,409	7,456,786	7,751,053	7,632,946	7,879,170	45,028,376
Effective Basin Rate													
Demand Charge	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	19.56	
Energy Charge	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	0.03047	
Fixed Charges per CP kW	0.2660	0.2482	0.2654	0.2739	0.2872	0.2851	0.2867	0.3014	0.2910	0.2842	0.2663	0.2675	
Adjustments/Other Credits	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0032	-0.0001	
Demand Billing	20.275	23.407	27.455	15.725	21.888	100.552	102,553	96.441	218.842	213.602	218.747	222.318	1.281.804
Energy Billing	21,562	23,880	28,576	23,209	21,714	102,960	106,626	107,450	227,208	236,175	232,576	240,078	1,372,015
Fixed Charges Billing	276	297	373	220	321	1,465	1,503	1,486	3,256	3,104	2,978	3,040	18,319
Adjustments/Other Credits	-75	-83	-99	-81	-76	-363	-383	-379	-789	-824	-24,696	-836	-28,684
Total LP TOU -Trans	42,037	47,501	56,305	39,073	43,848	204,615	210,299	204,997	448,517	452,056	429,604	464,600	2,643,454

SUMMARY OF COPA OVER/UNDER RECOVERY FOR THE PERIOD OCTOBER 2021 THROUGH SEPTEMBER 2022

	(a) (b)		(c) Prior Year	(d)	(e) Annual	(f)	(g) Total
	<u>Days</u>	(Over)/Under <u>Recovery</u>	True Up in COPA	Balance	Interest <u>Rate</u>	Interest	(Over)/Under <u>Recovery</u>
Remainder Classes Beginning Balance October 21 November 21 December 21 January 22 February 22 March 22	31 30 31 31 28	(66,802.79) (513,837.24) 17,383.75 205,269.68 649,717.85 (24,958,05)	70,791.61 76,285.01 88,494.66 (27,819.98) (24,597.28) (26,851.55)	244,509.26 (193,042.97) (87,481.88) 89,819.22 714,939.78 653 130 18	2.00% 2.00% 2.00% 1.67% 1.67%	- (317.33) (148.60) - -	240,520.44 244,509.26 (193,360.30) (87,630.48) 89,819.22 714,939.78 653 130 18
March 22 April 22 May 22 June 22 July 22 August 22 September 22 Subtotal	31 30 31 30 31 31 30	(34,958.05) 314,076.54 (30,226.84) (299,678.84) (62,121.40) 224,064.80 95,155.69 498,043.14	(26,851.55) (24,012.39) (23,033.29) (21,785.96) (24,215.59) (24,255.00) (22,720.28) 16,279.96	653,130.18 943,194.33 889,934.20 568,469.40 482,132.41 681,942.21 754,377.62	1.67% 1.67% 1.67% 1.67% 1.67% 1.67%	- - - - - - (465.93)	653,130.18 943,194.33 889,934.20 568,469.40 482,132.41 681,942.21 754,377.62
LPT Class Beginning Balance October 21 November 21 December 21 January 22 February 22 March 22 April 22 May 22 June 22 July 22 August 22 September 22 Subtotal	31 30 31 28 31 30 31 30 31 31 30	(11,233.32) (629,352.48) (21,561.52) (6,322.66) (8,018.16) (10,041.34) (7,672.28) (2,960.58) (300,393.25) 1,457.66 1,109.49 21,928.14 (973,060.31)	6,293.91 6,861.06 7,131.35 21,958.17 20,500.23 21,678.61 19,376.30 18,729.36 17,695.99 17,387.84 18,505.62 17,624.68 193,743.12	(224,132.09) (847,004.23) (862,826.73) (848,656.85) (837,378.48) (826,813.98) (816,282.67) (801,634.33) (1,085,468.59) (1,068,113.01) (1,050,012.87) (1,011,949.34)	2.00% 2.00% 1.67% 1.67% 1.67% 1.67% 1.67% 1.67% 1.67% 1.67%	(1,489.29)	(838,451.24) (827,986.69) (817,403.10) (802,771.33)
LPT CBM Class Beginning Balance October 21 November 21 December 21 January 22 February 22 March 22 April 22 May 22 June 22 July 22 August 22 September 22 Subtotal	31 30 31 28 31 30 31 30 31 31 30	(610.48) (32,199.80) (1,113.81) (271.91) (439.78) (478.65) (395.01) (148.06) (16,167.94) 75.84 86.10 850.67 (50,812.83)	(2,567.12) (2,598.32) (2,749.85) 247.46 219.55 238.02 228.60 224.83 206.34 210.87 213.51 206.34 (5,919.77)	(5,683.88) (40,491.65) (44,421.87) (44,521.78) (44,805.16) (45,103.19) (45,333.57) (45,319.02) (61,344.90) (61,142.39) (60,929.51) (59,958.92)	2.00% 2.00% 1.67% 1.67% 1.67% 1.67% 1.67% 1.67% 1.67% 1.67%	(9.65) (66.56) (75.46) (63.15) (57.40) (63.97) (62.22) (64.28) (84.20) (86.72) (86.42) (82.30) (802.34)	(2,506.28) (5,693.53) (40,558.21) (44,497.33) (44,584.93) (44,862.56) (45,167.16) (45,395.79) (45,383.30) (61,429.10) (61,229.11) (61,015.93) (60,041.22)

SUMMARY OF COPA OVER/UNDER RECOVERY FOR THE PERIOD OCTOBER 2021 THROUGH SEPTEMBER 2022

	(a)	(b)	(c) Prior Year	(d)	(e) Annual	(f)	(g) Total
	<u>Days</u>	(Over)/Under <u>Recovery</u>	True Up in COPA	Balance	Interest <u>Rate</u>	<u>Interest</u>	(Over)/Under <u>Recovery</u>
LP TOU - Trans Beginning Balance							722.99
October 21	31	(124.83)	(431.49)	166.67	2.00%	-	166.67
November 21	30	(4,171.61)	(462.31)	(4,467.25)	2.00%	(7.34)	(4,474.59)
December 21	31	(337.86)	(733.53)	(5,545.98)	2.00%	(9.42)	(5,555.40)
January 22	31	(44.06)	(40.31)	(5,639.77)	1.67%	(8.00)	(5,647.77)
February 22	28	(20.33)	(35.77)	(5,703.87)	1.67%	(7.31)	(5,711.18)
March 22	31	(139.43)	(64.49)	(5,915.10)	1.67%	(8.39)	(5,923.49)
April 22	30	(71.45)	(27.21)	(6,022.15)	1.67%	(8.27)	(6,030.41)
May 22	31	(53.91)	(41.31)	(6,125.63)	1.67%	(8.69)	(6,134.32)
June 22	30	(2,197.21)	(37.28)	(8,368.81)	1.67%	(11.49)	(8,380.30)
July 22	31	9.32	(43.33)	(8,414.31)	1.67%	(11.93)	(8,426.24)
August 22	31	25.63	(38.29)	(8,438.91)	1.67%	(11.97)	(8,450.88)
September 22	30	86.30	(22.17)	(8,386.74)	1.67%	(11.51)	(8,398.26)
Subtotal		(7,039.44)	(1,977.49)			(104.32)	

(Over)/Under Recovery derived on monthly worksheets

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: OCTOBER 2021

Demoinder of System			<u>Amount</u>
<u>Remainder of System</u> 1 Actual Cost of Power (Schedule "Actual System Power Cost") 2 Less: Black Hills			9,766,170
3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22)			4,804,214 249,833
5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits 7 Remainder System Power Cost			27,531 (44,880) 4,729,472
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 76,184,292 4,817,133
11 Recoverable Power Cost (L7 -L10)			(87,661)
12 Actual COPA Revenue Collected for Period			(20,858)
13 (Over)/Under Recovery (L11 - L12)			(66,803)
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Page Deves Cost in Detay: (Pate in Effect for Device)	<u>Billing Unit</u>		4,804,214
 15 LPT Base Power Cost In Rates: (Rate in Effect for Period) Base Demand Charge (CP kW) Base Energy Charge Total LPT Base Power Cost in Rate 	125,913 73,022,149	19.90 0.031270	2,505,673 2,283,403 4,789,075
19 LPT Recoverable Power Cost (L14 -L18)			15,138
20 Actual LPT COPA Revenue Collected for Period			26,372
21 (Over)/Under Recovery (L19 - L20)			(11,233)
Large Power Transmission Coal Bed Methane - LPT-CBM 22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost") 23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)			249,833
 Base Demand Charge Base Energy Charge Total LPT Base Power Cost in Rate 	6,196 4,032,000	19.99 0.031220	123,866 125,879 249,745
27 LPT-CBM Recoverable Power Cost (L22 - L26)			88
28 Actual LPT-CBM COPA Revenue Collected for Period			699
29 (Over)/Under Recovery (L27 - L28)			(610)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	ower Cost")		27,531
 31 LFT-CBM Base Power Cost in Rates. (Rate in Effect for Period) 32 Base Demand Charge 33 Base Energy Charge 34 Total LPT TOU Trans Base Power Cost in Rate 	613 490,000	19.69 0.031120	12,074 15,249 27,323
35 LPT-TOU Recoverable Power Cost (L30 - L34)			209
36 Actual LPT TOU COPA Revenue Collected for Period			333
37 (Over)/Under Recovery (L35 - L36)			(125)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: NOVEMBER 2021

Demoinder of Suctom			Amount
<u>Remainder of System</u> 1 Actual Cost of Power (Schedule "Actual System Power Cost") 2 Less: Black Hills			9,303,816
3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22)			4,490,975 210,211
5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits			27,575 (79,213)
7 Remainder System Power Cost			4,654,269
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold			0.063230 82,090,502
10 Base Power Cost in Rates \$			5,190,582
11 Recoverable Power Cost (L7 -L10)			(536,314)
12 Actual COPA Revenue Collected for Period			(22,477)
13 (Over)/Under Recovery (L11 - L12)			(513,837)
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost")	Billing Unit		4,490,975
15 LPT Base Power Cost In Rates: (Rate in Effect for Period) 16 Base Demand Charge (CP kW)	130,775	19.90	2,602,430
17 Base Energy Charge 18 Total LPT Base Power Cost in Rate	79,601,811	0.031270	2,489,149 5,091,579
19 LPT Recoverable Power Cost (L14 -L18)			(600,605)
20 Actual LPT COPA Revenue Collected for Period			28,748
21 (Over)/Under Recovery (L19 - L20)			(629,352)
Large Power Transmission Coal Bed Methane - LPT-CBM			
22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost") 23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)			210,211
24 Base Demand Charge25 Base Energy Charge	5,718 4,081,000	19.99 0.031220	114,295 127,409
26 Total LPT Base Power Cost in Rate	4,001,000	0.031220	241,704
27 LPT-CBM Recoverable Power Cost (L22 - L26)			(31,493)
28 Actual LPT-CBM COPA Revenue Collected for Period			707
29 (Over)/Under Recovery (L27 - L28)			(32,200)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po	ower Cost")		27,575
31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)Base Demand Charge	764	19.69	15,051
 Base Energy Charge Total LPT TOU Trans Base Power Cost in Rate 	525,000	0.031120	16,338 31,389
35 LPT-TOU Recoverable Power Cost (L30 - L34)			(3,814)
36 Actual LPT TOU COPA Revenue Collected for Period			357
37 (Over)/Under Recovery (L35 - L36)			(4,172)
			(.,=)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: DECEMBER 2021

Remainder of System			<u>Amount</u>
1 Actual Cost of Power (Schedule "Actual System Power Cost") 2 Less: Black Hills 3 Less: LPT Power Cost (L14)			11,754,978 5,895 5,481,366
4 Less: LPT CBM Power Cost (L22)			261,810
5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits			43,684 (112,346)
7 Remainder System Power Cost			6,074,568
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold			0.063230 96,208,418
10 Base Power Cost in Rates \$			6,083,258
11 Recoverable Power Cost (L7 -L10)			(8,690)
12 Actual COPA Revenue Collected for Period			(26,074)
13 (Over)/Under Recovery (L11 - L12)			17,384
Large Power Transmission - LPT	<u>Billing Unit</u>		
14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)			5,481,366
16 Base Demand Charge (CP kW)17 Base Energy Charge	145,039 82,723,995	19.90 0.031270	2,886,268 2,586,779
18 Total LPT Base Power Cost in Rate	02,720,000	0.001210	5,473,047
19 LPT Recoverable Power Cost (L14 -L18)			8,319
20 Actual LPT COPA Revenue Collected for Period			29,880
21 (Over)/Under Recovery (L19 - L20)			(21,562)
Large Power Transmission Coal Bed Methane - LPT-CBM			
22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost") 23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)			261,810
24 Base Demand Charge	6,370	19.99	127,336
25 Base Energy Charge26 Total LPT Base Power Cost in Rate	4,319,000	0.031220	134,839 262,175
27 LPT-CBM Recoverable Power Cost (L22 - L26)			(365)
28 Actual LPT-CBM COPA Revenue Collected for Period			749
29 (Over)/Under Recovery (L27 - L28)			(1,114)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual P	lower Cost")		43,684
31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)			
32 Base Demand Charge33 Base Energy Charge	890 833,000	19.69 0.031120	17,532 25,923
34 Total LPT TOU Trans Base Power Cost in Rate	000,000	0.031120	43,455
35 LPT-TOU Recoverable Power Cost (L30 - L34)			229
36 Actual LPT TOU COPA Revenue Collected for Period			567
37 (Over)/Under Recovery (L35 - L36)			(338)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: JANUARY 2022

Remainder of System 1 Actual Cost of Power (Schedule "Actual System Power Cost")	11,872,113
2 Less: Black Hills	11,072,115
 3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22) 5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits 7 Remainder System Power Cost 	5,374,681 271,366 34,348 (118,499) 6,310,217
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$	0.063230 95,795,254 6,057,134
11 Recoverable Power Cost (L7 -L10)	253,083
12 Actual COPA Revenue Collected for Period	47,813
13 (Over)/Under Recovery (L11 - L12)	205,270
Large Power Transmission - LPTBilling Unit14 LPT Power Cost (Schedule "LPT Actual Power Cost")15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	5,374,681
16Base Demand Charge (CP kW)131,52919.9017Base Energy Charge87,614,2940.03127018Total LPT Base Power Cost in Rate	2,617,419 2,739,699 5,357,118
19 LPT Recoverable Power Cost (L14 -L18)	17,563
20 Actual LPT COPA Revenue Collected for Period	23,886
21 (Over)/Under Recovery (L19 - L20)	(6,323)
Large Power Transmission Coal Bed Methane - LPT-CBM22LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")23LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)24Base Demand Charge25Base Energy Charge26Total LPT Base Power Cost in Rate	271,366 127,840 143,362 271,202
27 LPT-CBM Recoverable Power Cost (L22 - L26)	164
28 Actual LPT-CBM COPA Revenue Collected for Period	436
29 (Over)/Under Recovery (L27 - L28)	(272)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Power Cost") 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	34,348
32Base Demand Charge84619.6933Base Energy Charge560,0000.03112034Total LPT TOU Trans Base Power Cost in Rate0.031120	16,650 17,427 34,077
35 LPT-TOU Recoverable Power Cost (L30 - L34)	271
36 Actual LPT TOU COPA Revenue Collected for Period	315
37 (Over)/Under Recovery (L35 - L36)	(44)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: FEBRUARY 2022

Demoinder of Custom			Amount
Remainder of System Actual Cost of Power (Schedule "Actual System Power Cost") Less: Black Hills			11,460,960
 Less: LPT Power Cost (L14) Less: LPT CBM Power Cost (L22) Less: LPT TOU Transmission Power Cost (L30) Plus: Heat Rate Credits Remainder System Power Cost 			5,254,784 260,422 34,029 (126,540) 6,038,264
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 84,552,777 5,346,272
11 Recoverable Power Cost (L7 -L10)			691,992
12 Actual COPA Revenue Collected for Period			42,274
13 (Over)/Under Recovery (L11 - L12)			649,718
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	<u>Billing Unit</u>		5,254,784
 16 En Plase Demand Charge (CP kW) 17 Base Energy Charge 18 Total LPT Base Power Cost in Rate 	134,809 81,797,484	19.90 0.031270	2,682,695 2,557,807 5,240,502
19 LPT Recoverable Power Cost (L14 -L18)			14,282
20 Actual LPT COPA Revenue Collected for Period			22,300
21 (Over)/Under Recovery (L19 - L20)			(8,018)
Large Power Transmission Coal Bed Methane - LPT-CBM22LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")23LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)24Base Demand Charge25Base Energy Charge26Total LPT Base Power Cost in Rate	6,668 4,074,000	19.99 0.031220	260,422 133,285 127,190 260,476
27 LPT-CBM Recoverable Power Cost (L22 - L26)			(53)
28 Actual LPT-CBM COPA Revenue Collected for Period			387
29 (Over)/Under Recovery (L27 - L28)			(440)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)			34,029
 Base Demand Charge Base Energy Charge Total LPT TOU Trans Base Power Cost in Rate 	930 497,000	19.69 0.031120	18,304 15,467 33,770
35 LPT-TOU Recoverable Power Cost (L30 - L34)			259
36 Actual LPT TOU COPA Revenue Collected for Period			279
37 (Over)/Under Recovery (L35 - L36)			(20)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: MARCH 2022

Demoinder of Queters			<u>Amount</u>
Remainder of System Actual Cost of Power (Schedule "Actual System Power Cost") Less: Black Hills			11,684,379
 3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22) 5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits 7 Remainder System Power Cost 			5,619,411 264,784 52,065 (98,871) 5,846,990
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 92,294,789 5,835,800
11 Recoverable Power Cost (L7 -L10)			11,191
12 Actual COPA Revenue Collected for Period			46,149
13 (Over)/Under Recovery (L11 - L12)			(34,958)
<u>Large Power Transmission - LPT</u> 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	<u>Billing Unit</u>		5,619,411
 16 Base Demand Charge (CP kW) 17 Base Energy Charge 18 Total LPT Base Power Cost in Rate 	145,782 86,498,543	19.90 0.031270	2,901,062 2,704,809 5,605,871
19 LPT Recoverable Power Cost (L14 -L18)			13,540
20 Actual LPT COPA Revenue Collected for Period			23,582
21 (Over)/Under Recovery (L19 - L20)			(10,041)
Large Power Transmission Coal Bed Methane - LPT-CBM22LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")23LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)24Base Demand Charge25Base Energy Charge26Total LPT Base Power Cost in Rate	6,350 4,417,000	19.99 0.031220	264,784 126,944 137,899 264,843
27 LPT-CBM Recoverable Power Cost (L22 - L26)			(60)
28 Actual LPT-CBM COPA Revenue Collected for Period			419
29 (Over)/Under Recovery (L27 - L28)			(479)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	ower Cost")		52,065
 Base Demand Charge Base Energy Charge Total LPT TOU Trans Base Power Cost in Rate 	1,210 896,000	19.69 0.031120	23,817 27,884 51,701
35 LPT-TOU Recoverable Power Cost (L30 - L34)			364
36 Actual LPT TOU COPA Revenue Collected for Period			504
37 (Over)/Under Recovery (L35 - L36)			(139)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: APRIL 2022

			<u>Amount</u>
Remainder of System Actual Cost of Power (Schedule "Actual System Power Cost") Less: Black Hills			10,655,809
 2 Less. black Hills 3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22) 5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits 7 Remainder System Power Cost 			4,892,343 254,742 20,174 (85,907) 5,574,457
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 82,541,702 5,219,112
11 Recoverable Power Cost (L7 -L10)			355,346
12 Actual COPA Revenue Collected for Period			41,269
13 (Over)/Under Recovery (L11 - L12)			314,077
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	<u>Billing Unit</u>		4,892,343
 16 Base Demand Charge (CP kW) 17 Base Energy Charge 18 Total LPT Base Power Cost in Rate 	123,687 77,312,533	19.90 0.031270	2,461,375 2,417,563 4,878,938
19 LPT Recoverable Power Cost (L14 -L18)			13,405
20 Actual LPT COPA Revenue Collected for Period			21,077
21 (Over)/Under Recovery (L19 - L20)			(7,672)
Large Power Transmission Coal Bed Methane - LPT-CBM22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)24 Base Demand Charge25 Base Energy Charge26 Total LPT Base Power Cost in Rate	6,118 4,242,000	19.99 0.031220	254,742 122,299 132,435 254,734
27 LPT-CBM Recoverable Power Cost (L22 - L26)			8
28 Actual LPT-CBM COPA Revenue Collected for Period			403
29 (Over)/Under Recovery (L27 - L28)			(395)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual F 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period) 32 Base Demand Charge	Power Cost") 420	19.69	20,174 8,270
 Base Energy Charge Total LPT TOU Trans Base Power Cost in Rate 	378,000	0.031120	11,763 20,033
35 LPT-TOU Recoverable Power Cost (L30 - L34)			141
36 Actual LPT TOU COPA Revenue Collected for Period			212
37 (Over)/Under Recovery (L35 - L36)			(71)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: MAY 2022

Demoinder of System			<u>Amount</u>
<u>Remainder of System</u> 1 Actual Cost of Power (Schedule "Actual System Power Cost") 2 Less: Black Hills			9,940,468
3 Less: LPT Power Cost (L14)			4,636,759
4 Less: LPT CBM Power Cost (L22)			254,588
5 Less: LPT TOU Transmission Power Cost (L30)			33,017
6 Plus: Heat Rate Credits 7 Remainder System Power Cost			- 5,016,104
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period)			0.063230
9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold			79,183,046
10 Base Power Cost in Rates \$			5,006,744
11 Recoverable Power Cost (L7 -L10)			9,360
12 Actual COPA Revenue Collected for Period			39,586
13 (Over)/Under Recovery (L11 - L12)			(30,227)
Large Power Transmission - LPT	Billing Unit		
14 LPT Power Cost (Schedule "LPT Actual Power Cost")	<u>Bining offic</u>		4,636,759
15 LPT Base Power Cost In Rates: (Rate in Effect for Period)			
16 Base Demand Charge (CP kW)	114,698	19.90	2,282,486
 Base Energy Charge Total LPT Base Power Cost in Rate 	74,731,697	0.031270	2,336,860
18 Total LPT Base Power Cost in Rate			4,619,346
19 LPT Recoverable Power Cost (L14 -L18)			17,413
20 Actual LPT COPA Revenue Collected for Period			20,373
21 (Over)/Under Recovery (L19 - L20)			(2,961)
Large Power Transmission Coal Bed Methane - LPT-CBM 22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")			254,588
23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period) 24 Base Demand Charge	6,208	19.99	124,090
25 Base Energy Charge	4,172,000	0.031220	130,250
26 Total LPT Base Power Cost in Rate	.,,	01001220	254,340
27 LPT-CBM Recoverable Power Cost (L22 - L26)			248
28 Actual LPT-CBM COPA Revenue Collected for Period			396
29 (Over)/Under Recovery (L27 - L28)			(148)
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po	ower Cost")		33,017
31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)			
32 Base Demand Charge	756	19.69	14,886
 Base Energy Charge Total LPT TOU Trans Base Power Cost in Rate 	574,000	0.031120	17,863 32,749
			52,145
35 LPT-TOU Recoverable Power Cost (L30 - L34)			269
36 Actual LPT TOU COPA Revenue Collected for Period			323
37 (Over)/Under Recovery (L35 - L36)			(54)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: JUNE 2022

Remainder of System			Amount
Remainder of System Actual Cost of Power (Schedule "Actual System Power Cost") Less: Black Hills			8,895,233
3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22) 5 Less: LPT TOU Transmission Power Cost (L30)			4,180,452 211,987 29,872
6 Plus: Heat Rate Credits 7 Remainder System Power Cost			4,472,923
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 74,887,851 4,735,159
11 Recoverable Power Cost (L7 -L10)			(262,236)
12 Actual COPA Revenue Collected for Period			37,443
13 (Over)/Under Recovery (L11 - L12)			(299,679)
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	Billing Unit		4,180,452
 Base Demand Charge (CP kW) Base Energy Charge Total LPT Base Power Cost in Rate 	113,250 70,608,292	19.90 0.031270	2,253,675 2,207,921 4,461,596
19 LPT Recoverable Power Cost (L14 -L18)			(281,144)
20 Actual LPT COPA Revenue Collected for Period			19,249
21 (Over)/Under Recovery (L19 - L20)			(300,393)
Large Power Transmission Coal Bed Methane - LPT-CBM22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)24 Base Demand Charge25 Desc Franzy Charge	5,415	19.99	211,987 108,250
25 Base Energy Charge26 Total LPT Base Power Cost in Rate	3,829,000	0.031220	119,541 227,791
27 LPT-CBM Recoverable Power Cost (L22 - L26)			(15,805)
28 Actual LPT-CBM COPA Revenue Collected for Period			363
29 (Over)/Under Recovery (L27 - L28)			(16,168)
<u>LP TOU - Transmission</u> 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	wer Cost")		29,872
 Base Demand Charge Base Energy Charge Total LPT TOU Trans Base Power Cost in Rate 	795 518,000	19.69 0.031120	15,657 16,120 31,778
35 LPT-TOU Recoverable Power Cost (L30 - L34)			(1,906)
36 Actual LPT TOU COPA Revenue Collected for Period			291
37 (Over)/Under Recovery (L35 - L36)			(2,197)

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: JULY 2022

Dennein den ef Ourfern			<u>Amount</u>
Remainder of System Actual Cost of Power (Schedule "Actual System Power Cost") Less: Black Hills			9,873,501
3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22) 5 Less: LPT TOU Transmission Power Cost (L30)			4,362,066 231,253 37,386
6 Plus: Heat Rate Credits 7 Remainder System Power Cost			- 5,242,797
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 83,240,548 5,263,300
11 Recoverable Power Cost (L7 -L10)			(20,503)
12 Actual COPA Revenue Collected for Period			41,618
13 (Over)/Under Recovery (L11 - L12)			(62,121)
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	Billing Unit		4,362,066
 16 Base Demand Charge (CP kW) 17 Base Energy Charge 18 Total LPT Base Power Cost in Rate 	109,158 69,378,256	19.90 0.031270	2,172,236 2,169,458 4,341,694
19 LPT Recoverable Power Cost (L14 -L18)			20,372
20 Actual LPT COPA Revenue Collected for Period			18,914
21 (Over)/Under Recovery (L19 - L20)			1,458
Large Power Transmission Coal Bed Methane - LPT-CBM 22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost") 23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period) 24 Base Demand Charge	5,435	19.99	231,253 108,642
25 Base Energy Charge 26 Total LPT Base Power Cost in Rate	3,913,000	0.031220	122,164 230,806
27 LPT-CBM Recoverable Power Cost (L22 - L26)			447
28 Actual LPT-CBM COPA Revenue Collected for Period			371
29 (Over)/Under Recovery (L27 - L28)			76
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual F 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	Power Cost")		37,386
 32 Base Demand Charge 33 Base Energy Charge 34 Total LPT TOU Trans Base Power Cost in Rate 	930 602,000	19.69 0.031120	18,304 18,734 37,038
35 LPT-TOU Recoverable Power Cost (L30 - L34)			348
36 Actual LPT TOU COPA Revenue Collected for Period			338
37 (Over)/Under Recovery (L35 - L36)			9

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: AUGUST 2022

Dennein den ef Ourfam			<u>Amount</u>
Remainder of System 1 Actual Cost of Power (Schedule "Actual System Power Cost") 2 Less: Black Hills			10,332,525
3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22) 5 Less: LPT TOU Transmission Power Cost (L30)			4,536,249 224,513 34,247
6 Plus: Heat Rate Credits 7 Remainder System Power Cost			- 5,537,516
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold 10 Base Power Cost in Rates \$			0.063230 83,374,421 5,271,765
11 Recoverable Power Cost (L7 -L10)			265,751
12 Actual COPA Revenue Collected for Period			41,686
13 (Over)/Under Recovery (L11 - L12)			224,065
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost") 15 LPT Base Power Cost In Rates: (Rate in Effect for Period)	<u>Billing Unit</u>		4,536,249
 16 Base Demand Charge (CP kW) 17 Base Energy Charge 18 Total LPT Base Power Cost in Rate 	110,859 73,838,043	19.90 0.031270	2,206,094 2,308,916 4,515,010
19 LPT Recoverable Power Cost (L14 -L18)			21,240
20 Actual LPT COPA Revenue Collected for Period			20,130
21 (Over)/Under Recovery (L19 - L20)			1,109
Large Power Transmission Coal Bed Methane - LPT-CBM22LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")23LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)24Base Demand Charge25Base Energy Charge26Total LPT Base Power Cost in Rate	5,020 3,962,000	19.99 0.031220	224,513 100,358 123,694 224,051
27 LPT-CBM Recoverable Power Cost (L22 - L26)			462
28 Actual LPT-CBM COPA Revenue Collected for Period			376
29 (Over)/Under Recovery (L27 - L28)			86
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual Po 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	ower Cost")		34,247
 31 LF FOOM Base Power Cost in Rates. (Rate in Effect for Period) 32 Base Demand Charge 33 Base Energy Charge 34 Total LPT TOU Trans Base Power Cost in Rate 	882 532,000	19.69 0.031120	17,367 16,556 33,922
35 LPT-TOU Recoverable Power Cost (L30 - L34)			325
36 Actual LPT TOU COPA Revenue Collected for Period			299
37 (Over)/Under Recovery (L35 - L36)			26

CALCULATION OF COPA OVER/UNDER RECOVERY FOR THE MONTH OF: SEPTEMBER 2022

			<u>Amount</u>
Remainder of System 1 Actual Cost of Power (Schedule "Actual System Power Cost") 2 Less: Black Hills			9,997,799
3 Less: LPT Power Cost (L14) 4 Less: LPT CBM Power Cost (L22)			4,687,532 222,177
5 Less: LPT TOU Transmission Power Cost (L30) 6 Plus: Heat Rate Credits			19,603
7 Remainder System Power Cost			5,068,488
8 Base Power Cost In Rates \$/kWh Sold (Rate in Effect for Period) 9 kWh Sold for Period Excluding LPT and LPT-CBM kWh Sold			0.063230 78,037,066
10 Base Power Cost in Rates \$			4,934,284
11 Recoverable Power Cost (L7 -L10)			134,204
12 Actual COPA Revenue Collected for Period			39,048
13 (Over)/Under Recovery (L11 - L12)			95,156
Large Power Transmission - LPT 14 LPT Power Cost (Schedule "LPT Actual Power Cost")	Billing Unit		4,687,532
15 LPT Base Power Cost In Rates: (Rate in Effect for Period) 16 Base Demand Charge (CP kW)	122,986	19.90	2,447,417
17 Base Energy Charge	70,323,454	0.031270	2,199,014
18 Total LPT Base Power Cost in Rate			4,646,432
19 LPT Recoverable Power Cost (L14 -L18)			41,100
20 Actual LPT COPA Revenue Collected for Period			19,172
21 (Over)/Under Recovery (L19 - L20)			21,928
Large Power Transmission Coal Bed Methane - LPT-CBM 22 LPT-CBM Power Cost (Schedule "LPT-CBM Actual Power Cost")			222,177
23 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period) 24 Base Demand Charge	5,074	19.99	101,421
25 Base Energy Charge	3,829,000	0.031220	119,541
26 Total LPT Base Power Cost in Rate			220,963
27 LPT-CBM Recoverable Power Cost (L22 - L26)			1,214
28 Actual LPT-CBM COPA Revenue Collected for Period			363
29 (Over)/Under Recovery (L27 - L28)			851
LP TOU - Transmission 30 LPT-TOU Trans Power Cost (Schedule "LPT-TOU Trans Actual P 31 LPT-CBM Base Power Cost In Rates: (Rate in Effect for Period)	ower Cost")		19,603
32 Base Demand Charge	496	19.69	9,758
33 Base Energy Charge	308,000	0.031120	9,585
34 Total LPT TOU Trans Base Power Cost in Rate			19,343
35 LPT-TOU Recoverable Power Cost (L30 - L34)			259
36 Actual LPT TOU COPA Revenue Collected for Period			173
37 (Over)/Under Recovery (L35 - L36)			86

ACTUAL PURCHASED POWER FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 2022

	October	November	December	January	February	March	<u>April</u>	May	June	July	August	September	Total
<u>Black Hills Electric*</u> Energy - kWh Billing	0 0.00	0 0.00	0.00 5,895.25	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	0 5,895.25
<u>WAPA</u> Metered Demand - kW Metered Energy - kWh	11,274 7,007,274	11,212 7,007,274	12,614 7,670,685	11,750 7,463,369	10,109 5,887,769	10,561 6,426,789	9,967 5,921,855	9,618 6,205,780	11,324 7,138,675	14,074 8,923,343	11,466 7,138,675	8,599 5,232,324	132,568 82,023,812
WAPA Billing Calculation Demand Billing Energy Billing Total	50,161.24 50,161.24 110,154.35 160,315.59	50,651.32 110,154.35 160,805.67	51,969.68 120,583.17 172,552.85	49,754.21 117,324.16 167,078.37	46,072.04 92,555.73 138,627.77	53,063.70 101,029.12 154,092.82	49,714.70 93,091.56 142,806.26	51,131.29 97,554.86 148,686.15	50,167.74 112,219.97 162,387.71	57,984.88 140,274.95 198,259.83	53,744.49 112,219.97 165,964.46	41,484.91 82,252.13 123,737.04	605,900.20 1,289,414.32 1,895,314.52
<u>BASIN</u> Actual Billing kW Heat Rate kW Billing Energy - kWh Heat Rate kWh	236,583 146,958,917	256,306 2,444 160,131,601 1,181,744	289,973 4,304 176,100,428 2,014,369	286,269 6,118 181,567,129 2,958,934	289,613 6,453 168,380,120 3,120,601	288,444 6,826 175,317,982 2,848,846	263,627 5,246 158,585,375 2,536,840	234,144 4,552 152,115,623 2,130,411	225,774 0 141,870,201 0	231,460 0 146,686,138 0	246,360 0 153,438,945 0	242,062 146,913,104	3,090,615 35,943 1,908,065,563 16,791,745
<u>BASIN Billing Calculation</u> Demand Charge Energy Charge Heat Rate Charge	<u>500</u> 19.64 0.03136 0.03400	19.64 0.03136 0.03400	19.64 0.03136 0.03400	19.64 0.03136 0.03400	19.64 0.03136 0.03400	19.64 0.03136 0.03300	19.64 0.03136 0.03300	19.64 0.03136 0.03300	19.64 0.03136 0.03300	19.64 0.03136 0.03300	19.64 0.03136 0.03300	19.64 0.03136 0.03300	
Demand Billing Energy Billing Heat Rate Credits Fixed Charge 1 Members 1st Adder Power Service Agrmt Other	4,646,490.12 4,608,631.64 (44,880.36) 1,700.00 18,953.46 35,023.55	5,033,849.84 5,021,727.01 (79,212.63) 1,700.00 18,953.46 50,598.72	5,695,069.72 5,522,509.42 (112,345.93) 1,700.00 18,953.46 50,019.69	5,622,323.16 5,693,945.17 (118,498.53) 1,700.00 16,188.94 51,039.00	5,687,999.32 5,280,400.56 (126,540.31) 1,700.00 16,188.94 47,783.00	5,665,040.16 5,497,971.92 (98,871.02) 1,700.00 16,188.94 42,051.00	5,177,634.28 4,973,237.36 (85,907.41) 1,700.00 16,188.94 42,488.40	4,598,588.16 4,770,345.94 0.00 1,700.00 16,188.94 44,292.95	4,434,201.36 4,449,049.50 0.00 1,700.00 16,188.94 43,171.94 (30,871.55)	4,545,874.40 4,600,077.29 0.00 1,700.00 16,188.94 50,904.20	4,838,510.40 4,811,845.32 0.00 1,700.00 16,188.94 55,641.95	4,754,097.68 4,607,194.94 0.00 1,700.00 64,589.74 44,136.68	60,699,678.60 59,836,936.07 (666,256.19) 20,400.00 250,961.64 557,151.08 (30,871.55)
Renewable Energy Cre Data Incentive Credit Net Metering Total	dit (14,314.98) 9.251.603.43	(1,247,435.42) (15,246) 8.784.935.24	(22,176.47) (16,562) 2,055.94 11,139,223.80	(18,256)	(18,825)	(17,446)	(18,156) 10.107.185.87	(16,450)	(565,956.85) (15,808) 8.331.675.11	(14,779) 9.199.965.73	(15,393) 9.708.493.96	(16,057)	(1,835,568.74) (197,292.30) 2,055.94 118.637.194.55
<u>Western Division</u> Metered kW Metered kWh	8,440 5,498,520	8,652 5,488,629	10,992 6,459,242	11,584 6,682,711	11,473 6,076,313	10,681 6,239,090	10,335 5,917,076	8,787 5,966,717	10,092 5,920,758	11,562 7,240,319	10,876 7,131,338	11,242 5,764,499	124,716 74,385,212
Demand Billing Energy Billing Energy Adjustment Total	165,761.60 188,489.27 0.00 354,250.87	169,925.28 188,150.20 0.00 358.075.48	215,882.88 221,422.82 0.00 437,305.70	227,509.76 229,083.33 0.00 456,593.09	225,329.72 208,296.01 0.00 433,625.73	209,774.84 213,876.01 0.00 423,650.85	202,979.40 202,837.37 0.00 405,816.77	172,576.68 204,539.06 0.00 377,115.74	198,206.88 202,963.58 0.00 401,170.46	227,077.68 248,198.14 0.00 475,275.82	213,604.64 244,462.27 0.00 458,066.91	220,792.88 197,607.03 0.00 418,399.91	2,449,422.24 2,549,925.07 0.00 4,999,347.31
Subtotal Basin/Westerr		9,143,010.72	11,576,529.50	11,705,034.86	11,322,332.25	11,530,286.20	10,513,002.63	9,791,781.48	8,732,845.57	9,675,241.55	10,166,560.87	9,874,061.92	123,636,541.86
<u>Total System</u> Total Billing kW Total kWh	256,297 159,464,711	276,170 172,627,504	313,579 190,230,355	309,603 195,713,209	311,195 180,344,202	309,686 187,983,861	283,929 170,424,306	252,549 164,288,120	247,190 154,929,634	257,096 162,849,800	268,702 167,708,958	261,903 157,909,927	3,347,899 2,064,474,587
Total Billing	9,766,169.89	9,303,816.39	11,754,977.60	11,872,113.23	11,460,960.02	11,684,379.02	10,655,808.89	9,940,467.63	8,895,233.28	9,873,501.38	10,332,525.33	9,997,798.96	125,537,751.63

ACTUAL POWER COST FOR LARGE POWER TRANS - (COAL MINES) FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 2022

	October	November	December	<u>January</u>	February	March	<u>April</u>	May	June	July	<u>August</u>	<u>September</u>	Total
Billing Units @ Basin Leve	el												
Total Basin Billing kW	236,583	256,306	289,973	286,269	289,613	288,444	263,627	234,144	225,774	231,460	246,360	242,062	3,090,615
LPT Billing kW	126,407	131,289	145,608	132,045	135,338	146,354	124,173	115,148	113,695	109,586	111,294	123,469	1,514,405
LPT kW as % of Total	53.43%	51.22%	50.21%	46.13%	46.73%	50.74%	47.10%	49.18%	50.36%	47.35%	45.18%	51.01%	49.00%
kWh Purchased	73,308,786	79,914,276	83,048,715	87,958,211	82,118,568	86,838,080	77,616,012	75,025,045	70,885,454	69,650,590	74,127,883	70,599,498	931,091,117
Effective Basin Rate													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	
Fixed Charges/CP kW	0.235338	0.277997	0.243723	0.240780	0.226758	0.207804	0.229026	0.265571	0.133715	0.297214	0.298469	0.456191	
Adjustments/Other Credits	-0.000097	-0.007885	-0.000220	-0.000101	-0.000112	-0.000100	-0.000114	-0.000108	-0.004101	-0.000101	-0.000100	-0.000109	
Demand Billing Energy Billing Fixed Charges Billing Adjustments/Other Credits Total LPT	2,482,642 2,298,964 29,748 (7,141) 4,804,214	2,578,511 2,506,112 36,498 (630,146) 4,490,975	2,859,740 2,604,408 35,488 (18,269) 5,481,366	2,593,362 2,758,369 31,794 (8,844) 5,374,681	2,658,038 2,575,238 30,689 (9,181) 5,254,784	2,874,397 2,723,242 30,413 (8,641) 5,619,411	2,438,752 2,434,038 28,439 (8,886) 4,892,343	2,261,507 2,352,785 30,580 (8,113) 4,636,759	2,232,961 2,222,968 15,203 (290,679) 4,180,452	2,152,271 2,184,242 32,571 (7,018) 4,362,066	2,185,817 2,324,650 33,218 (7,436) 4,536,249	2,424,923 2,214,000 56,325 (7,716) 4,687,532	29,742,921 29,199,017 390,965 (1,012,070) 58,320,833

ACTUAL POWER COST FOR LARGE POWER TRANS - CBM FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 2022

	October	November	December	<u>January</u>	February	March	<u>April</u>	May	June	<u>July</u>	<u>August</u>	September	Total
Billing Units @ Basin Level													
Total Basin Billing kW	236,583	256,306	289,973	286,269	289,613	288,444	263,627	234,144	225,774	231,460	246,360	242,062	3,090,615
LPT-CBM Billing kW	6,211.99	5,731.99	6,386.03	6,411.29	6,684.38	6,366.38	6,133.39	6,223.22	5,428.83	5,448.48	5,033.03	5,086.37	71,145
LPT-CBM kW as % of Total	2.63%	2.24%	2.20%	2.24%	2.31%	2.21%	2.33%	2.66%	2.40%	2.35%	2.04%	2.10%	2.30%
kWh Purchased	4,042,146	4,091,269	4,329,868	4,603,555	4,084,251	4,428,115	4,252,674	4,182,498	3,838,635	3,922,846	3,971,970	3,838,635	49,586,462
Effective Basin Rate													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	
Fixed Charges/CP kW	0.235338	0.277997	0.243723	0.240780	0.226758	0.207804	0.229026	0.265571	0.133715	0.297214	0.298469	0.456191	
Adjustments/Other Credits	-0.000097	-0.007885	-0.000220	-0.000101	-0.000112	-0.000100	-0.000114	-0.000108	-0.004101	-0.000101	-0.000100	-0.000109	
Demand Billing	122,004	112,576	125,422	125,918	131,281	125,036	120,460	122,224	106,622	107,008	98,849	99,896	1,397,295
Energy Billing	126,762	128,302	135,785	144,367	128,082	138,866	133,364	131,163	120,380	123,020	124,561	120,380	1,555,031
Fixed Charges Billing	1,462	1,593	1,556	1,544	1,516	1,323	1,405	1,653	726	1,619	1,502	2,320	18,219
Adjustments/Other Credits	(394)	(32,261)	(952)	(463)	(457)	(441)	(487)	(452)	(15,741)	(395)	(398)	(420)	(52,861)
Total LPT-CBM	249,833	210,211	261,810	271,366	260,422	264,784	254,742	254,588	211,987	231,253	224,513	222,177	2,917,686

ACTUAL POWER COST FOR LARGE POWER TOU TRANS FOR THE TWELVE MONTHS ENDING SEPTEMBER 30, 2022

	October	<u>November</u>	December	<u>January</u>	February	March	<u>April</u>	May	<u>June</u>	July	<u>August</u>	September	<u>Total</u>
Billing Units @ Basin Level													
Total Basin Billing kW	236,583	256,306	289,973	286,269	289,613	288,444	263,627	234,144	225,774	231,460	246,360	242,062	3,090,615
LPT-TOU Billing kW	613.76	765.10	891.21	846.37	930.45	1,210.70	420.38	756.69	795.92	930.45	882.80	496.05	9,540
LPT-TOU kW as % of Total	0.26%	0.30%	0.31%	0.30%	0.32%	0.42%	0.16%	0.32%	0.35%	0.40%	0.36%	0.20%	0.31%
kWh Purchased	490,446	525,478	833,759	560,510	497,453	896,816	378,344	574,523	518,472	602,548	532,485	308,281	6,719,114
Effective Basin Rate													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	0.031360	
Fixed Charges/CP kW	0.235338	0.277997	0.243723	0.240780	0.226758	0.207804	0.229026	0.265571	0.133715	0.297214	0.298469	0.456191	
Adjusments/Other Credits	-0.000097	-0.007885	-0.000220	-0.000101	-0.000112	-0.000100	-0.000114	-0.000108	-0.004101	-0.000101	-0.000100	-0.000109	
Demand Billing	12,054	15,026	17,503	16,623	18,274	23,778	8,256	14,861	15,632	18,274	17,338	9,742	187,363
Energy Billing	15,380	16,479	26,147	17,578	15,600	28,124	11,865	18,017	16,259	18,896	16,699	9,668	210,711
Fixed Charges Billing	144	213	217	204	211	252	96	201	106	277	263	226	2,411
Adjustmens/Other Credits	(48)	(4,144)	(183)	(56)	(56)	(89)	(43)	(62)	(2,126)	(61)	(53)	(34)	(6,955)
Total LPT-TOU	27,531	27,575	43,684	34,348	34,029	52,065	20,174	33,017	29,872	37,386	34,247	19,603	393,530

SUMMARY OF MONTHLY KWH AND COPA REVENUE FOR THE PERIOD OCTOBER 2021 THROUGH SEPTEMBER 2022

<u>Remainder Classes</u>	Actual <u>kWh Sold</u>	Power Cost Component <u>Of COPA Rev</u>	Prior Year True-Up Component <u>Of COPA Rev</u>	Total COPA <u>Revenue</u>
	70 404 000	(00.050)	(70, 700)	(04.050)
October 21	76,184,292	(20,858)	(70,792)	(91,650)
November 21	82,090,502	(22,477)	(76,285)	(98,762)
December 21	96,208,418	(26,074)	(88,495)	(114,569)
January 22	95,795,254	47,813	27,820	75,633
February 22	84,552,777	42,274	24,597	66,872
March 22	92,294,789	46,149	26,852	73,000
April 22	82,541,702	41,269	24,012	65,282
May 22	79,183,046	39,586	23,033	62,620
June 22	74,887,851	37,443	21,786	59,229
July 22	83,240,548	41,618	24,216	65,834
August 22	83,374,421	41,686	24,255	65,941
September 22	78,037,066	39,048	22,720	61,769
Total	1,008,390,666	307,479	(16,280)	291,199
LPT Class				
October 21	73,022,149	26,372	(6,294)	20,078
November 21	79,601,811	28,748	(6,861)	21,887
December 21	82,723,995	29,880	(7,131)	22,749
January 22	87,614,294	23,886	(21,958)	1,928
February 22	81,797,484	22,300	(20,500)	1,800
March 22	86,498,543	23,582	(21,679)	1,903
April 22	77,312,533	21,077	(19,376)	1,701
May 22	74,731,697	20,373	(18,729)	1,644
June 22	70,608,292	19,249	(17,696)	1,553
July 22	69,378,256	18,914	(17,388)	1,526
August 22	73,838,043	20,130	(18,506)	1,624
September 22	70,323,454	19,172	(17,625)	1,547
Total	927,450,551	273,683	(193,743)	79,940
LPT CBM				
October 21	4,032,000	699	2,567	3,266
November 21	4,081,000	707	2,598	3,306
December 21	4,319,000	749	2,750	3,498
January 22	4,592,000	436	(247)	188
February 22	4,074,000	387	(220)	167
March 22	4,417,000	419	(238)	181
April 22	4,242,000	403	(229)	174
May 22	4,172,000	396	(225)	171
June 22	3,829,000	363	(206)	157
July 22	3,913,000	371	(200)	160
August 22	3,962,000	376	(214)	162
September 22	3,829,000	363	(206)	157
-	49,462,000		· · ·	
Total	43,402,000	5,668	5,920	11,588

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POWDER RIVER ENERGY CORPORATION

SUMMARY OF MONTHLY KWH AND COPA REVENUE FOR THE PERIOD OCTOBER 2021 THROUGH SEPTEMBER 2022

LPT TOU - Trans	Actual <u>kWh Sold</u>	Power Cost Component <u>Of COPA Rev</u>	Prior Year True-Up Component <u>Of COPA Rev</u>	Total COPA <u>Revenue</u>
October 21	490,000	333	431	765
November 21	525,000	357	462	820
December 21	833,000	567	734	1,300
January 22	560,000	315	40	355
February 22	497,000	279	36	315
March 22	896,000	504	64	568
April 22	378,000	212	27	240
May 22	574,000	323	41	364
June 22	518,000	291	37	328
July 22	602,000	338	43	382
August 22	532,000	299	38	337
September 22	308,000	173	22	195
Total	6,713,000	3,992	1,977	5,969
Total System				
October 21	153,728,441	6,546	(74,087)	(67,541)
November 21	166,298,313	7,336	(80,085)	(72,750)
December 21	184,084,413	5,122	(92,143)	(87,021)
January 22	188,561,548	72,449	5,655	78,104
February 22	170,921,261	65,240	3,913	69,153
March 22	184,106,332	70,653	4,999	75,652
April 22	164,474,235	62,961	4,435	67,396
May 22	158,660,743	60,678	4,120	64,799
June 22	149,843,143	57,347	3,921	61,267
July 22	157,133,804	61,242	6,660	67,902
August 22	161,706,464	62,491	5,574	68,065
September 22	152,497,520	58,757	4,911	63,668
Total	1,992,016,217	590,822	(202,126)	388,696

STATEMENT OF OPERATIONS

		Α		В		С
		Adjusted 2018		Actual		2023 Budget
		Docket #		2021		Adjusted for
	10	0014-202-CR-19				2023 COPA
Operating Revenues						
Base Revenue	\$	169,147,237	\$	159,609,770	\$	167,163,065
COPA - Current Year Power Cost Recovery		10,705		63,422		16,259
COPA - Prior Year True-up		-		(930,617)		(327,400)
Deferred Revenue		-		(7,000,000)		400,000
Other Revenue		3,246,488		3,075,573		3,066,019
Total Operating Revenue	\$	172,404,430	\$	154,818,148	\$	170,317,943
Operating Expenses						
Purchased Power		126,847,035		116,574,674		125,557,649
Transmission Expense		1,543,549		1,573,326		1,922,127
Distribution Expense - Operation		6,790,947		7,162,986		8,146,445
Distribution Expense - Maintenance		4,294,555		4,340,810		6,038,102
Customer Accounts Expense		2,501,909		2,423,723		2,974,883
Customer Service & Sales		58,174		81,567		83,671
Administrative and General Expense		6,147,290		5,628,173		7,122,592
Depreciation and Amortization Expense		10,375,964		10,814,924		12,254,016
Regulatory Debit - COPA Current True-Up				1,051,413		42,185
Regulatory Credit - COPA Prior Year True-Up				(930,617)		(327,400)
Tax Expense - Property & Gross Receipts		500 740		484,058		411,569
Tax Expense - Other		562,712		134,035		148,329
Total Operating Expense	\$	159,122,135	\$	149,339,071	\$	164,374,167
Return	\$	13,282,295	\$	5,479,077	\$	5,943,776
Interest & Other Deductions						
Interest on Long-Term Debt		6,217,203		4,821,277		4,747,163
Interest Expense - Other		603,188		343,571		342,000
Other Deductions		126,392		279,776		380,202
Total Interest & Other Deductions	\$	6,946,783	\$	5,444,624	\$	5,469,365
Operating Margins	\$	6,335,512	\$	34,453	\$	474,411
	<u> </u>	0,000,012	Ŷ	01,100	<u> </u>	
Non-Operating Margin						
Interest Income		2,223,095		499,888		935,828
Other Margins		25,350		29,322		1,747,546
G&T Capital Credits		19,782,308		4,101,593		4,500,000
Other Capital Credits		255,108		575,136		300,000
Total Non-Operating Margins	\$	22,285,861	\$	5,205,939	\$	7,483,374
Net Margins	\$	28,621,373	\$	5,240,392	\$	7,957,785
TIER		5.60		2.09		2.68
DSC		3.48		1.09		1.14
OPERATING TIER		2.02		1.01		1.10
RUS OPERATING TIER		2.02		2.45		1.10
RUS OPERATING DSC		3.48		1.56		1.14
RETURN ON RATE BASE		6.54%		2.68%		2.78%
RATE BASE CALCULATED *		203,029,061		204,750,615		214,151,528

* The Rate Base calculation in column A varies slightly from the calculation in the actual rate filing due to an adjustment for property tax In the rate filing, property tax was removed from the functional accounts and reported on Line 13 - Tax Expense Property & Gross Receipts In the Rate Base calculation above, the property tax was moved back to the functional accounts to which it was actually charged This adjustment allows for better comparison with 2019 and the 2021 budget year

NAME:Powder River Energy CorporationADDRESS:P.O. Box 930, Sundance, WY 82729

WY PSC

Tariff No. 10

3rd 2nd Revised Sheet No. 1 Cancels 2nd 1st Revised Sheet No. 1

TARIFF RATE RIDER 2022 2023 Total Rate 2020 Approved **Billing Unit** Class Codes Base Rate COPA * Rate Residential 001/010 Basic Charge (A) 001NS/010NS 200 Amps and Under \$27.00 \$27.00 Over 200 Amps \$31.50 \$31.50 \$/kWh - All kWh \$0.094060 \$0.000791 \$0.001820 **\$0.094851 \$0.095880** Residential 085 Basic Charge Time of Day 085NS 200 Amps and Under (CLOSED) \$27.00 \$27.00 (TOD) 086 Over 200 Amps (CLOSED) \$31.50 \$31.50 086NS \$/kWh September-May All kWh - On Peak \$0.100000 **\$0.000791 \$0.001820 \$0.100791 \$0.101820** All kWh - Off Peak \$0.064000 **\$0.000791 \$0.001820 \$0.064791 \$0.065820** June-August \$/kWh - All kWh \$0.094060 **\$0.000791 \$0.001820 \$0.094851 \$0.095880** Residential Basic Charge Time of Use RTO/RTF 200 Amps and Under \$27.00 \$27.00 (RTOU) RTON/RTFN Over 200 Amps \$31.50 \$31.50 Energy Charge STON/STFN On Peak **\$0.000791 \$0.001820 \$0.113791 \$0.114820** \$0.113000 STO/STF Off Peak \$0.064000 **\$0.000791 \$0.001820 \$0.064791 \$0.065820**

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet.

*Reference Sheet No. 34, Rate Schedule Billing Adjustments (BA) for more information on the COPA.

Date Issued: November 17, 2021 November 1, 2022

Tria Millo By:

Date Effective: January 1, 20223

Title: Chief Executive Officer Docket No. 10014-2216-CP-212

NAME:Powder River Energy CorporationADDRESS:P.O. Box 930, Sundance, WY 82729

WY PSC

Tariff No. 10 3rd Revised Sheet No. 1

Cancels 2nd Revised Sheet No. 1

	TARIFF RATE RIDER								
Class	Rate Codes	Billing Unit	2020 Approved Base Rate	2023 COPA *	Total Rate				
Residential (A)	001/010 001NS/010NS	<u>Basic Charge</u> 200 Amps and Under Over 200 Amps	\$27.00 \$31.50		\$27.00 \$31.50				
		\$/kWh - All kWh	\$0.094060	\$0.001820	\$0.095880				
Residential Time of Day (TOD)	085 085NS 086 086NS	Basic Charge 200 Amps and Under (CLOSED) Over 200 Amps (CLOSED) <u>\$/kWh</u> <u>September-May</u> All kWh - On Peak All kWh - Off Peak <u>June-August</u> \$/kWh - All kWh	\$27.00 \$31.50 \$0.100000 \$0.064000 \$0.094060	\$0.001820 \$0.001820 \$0.001820	\$27.00 \$31.50 \$0.101820 \$0.065820 \$0.095880				
Residential Time of Use (RTOU)	RTO/RTF RTON/RTFN STON/STFN STO/STF	Basic Charge 200 Amps and Under Over 200 Amps <u>Energy Charge</u> <u>On Peak</u> <u>Off Peak</u>	\$27.00 \$31.50 \$0.113000 \$0.064000	\$0.001820 \$0.001820	\$27.00 \$31.50 \$0.114820 \$0.065820				

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet.

*Reference Sheet No. 34, Rate Schedule Billing Adjustments (BA) for more information on the COPA.

Date Issued: November 1, 2022

no Millo By:

Date Effective: January 1, 2023

Title: Chief Executive Officer Docket No. 10014-226-CP-22

NAME: Powder River Energy Corporation ADDRESS: P.O. Box 930, Sundance, WY 82729 WY PSC

4th 3rd Revised Sheet No. 2 Cancels 3rd 2nd Revised Sheet No. 2

TARIFF RATE RIDER - continued -Rate 2020 Approved 2022 2023 Total Class **Billing Unit** Codes Base Rate COPA* Rate General Non-Residential Service 040/400 Basic Charge Single-Phase (GS) \$40.00 \$40.00 Three-Phase \$45.00 \$45.00 Energy Charge \$/kWh - All kWh \$0.090700 \$0.000791 \$0.001821 \$0.091491 \$0.092521 141/401 **Residential** Basic Charge Three-Phase 142/143 \$45.00 \$45.00 Energy Charge \$/kWh - All kWh \$0.090700 \$0.000791 \$0.001821 **\$0.091491 \$0.092521** 050/450 \$200.00 \$200.00 Large Basic Charge 050A/450A Power \$/kWh First 200 kWh/mon/kW **\$0.000791 \$0.001821 \$0.075201 \$0.076231** 051/451 \$0.074410 (LP) 051A/451A Excess kWh/mon \$0.054410 **\$0.000791 \$0.001821 \$0.055201 \$0.056231** 052/052A/452/452A \$/kW First 50 kW \$3.75 053/053A/453/453A \$3.75 Excess kW \$6.75 \$6.75 Primary Service Discount Per billed kW charges/mon 3% 3% Per billed kWh charges/mon 3% 3% \$/kWh - All kWh \$0.084200 **\$0.000791 \$0.001821 \$0.084991 \$0.086021** Irrigation 030 (I) Annual Charge / HP \$24.50 \$24.50 OL Outdoor \$/Month Lighting 175W - MV (CLOSED) \$9.55 **\$0.06 \$0.15 \$9.61 \$9.70** (OL) 100W - HPS (CLOSED) **\$0.06 \$0.09 \$9.61 \$9.64** \$9.55 150 W - HPS (CLOSED) **\$0.06 \$0.14 \$9.61 \$9.69** \$9.55 30-50W - LED \$9.60 **\$0.01 \$0.03** \$9.61 \$9.63 080 Street \$/Month 100W - HPS (CLOSED) **\$0.06 \$0.00 \$9.61 \$9.55** Lighting \$9.55 (SL) 150W - HPS (CLOSED) \$9.55 \$0.06 \$0.00 **\$9.61 \$9.55** 175W - MV (CLOSED) \$9.55 \$0.06 \$0.00 **\$9.61 \$9.55** 400W - MV (CLOSED) \$16.55 **\$0.15 \$0.31 \$16.70 \$16.86** 400W - HPS (CLOSED) \$16.55 **\$0.15 \$0.34 \$16.70 \$16.89** <= 60 W LED \$0.01 \$0.03 **\$9.51 \$9.53** \$9.50 <=60 W LED with 15A 120 V outlet \$10.00 **\$0.02 \$0.04 \$10.02 \$10.04** Large Power 303 **Distribution Component** Transmission Basic Charge \$4,900.00 \$4,900.00 Coal Mine **Demand Charge** \$1.25/NCP Billing kW \$1.25/NCP Billing kW (LPT-CM) Power Supply Component \$19.90/CP Billing kW \$19.90/CP Billing kW Demand Charge Energy Charge \$0.031270 kWh **\$0.000022** (\$0.002181) \$.031292 kWh \$0.029089 kWh

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet. *Reference Sheet No. 34, Rate Schedule Billing Adjustments (BA) for more information on the COPA.

Date Issued: July 12, 2022 November 1, 2022

By: The Mills

Date Effective: September 12, 2022 January 1, 2023

Title: Chief Executive Officer Docket No. 10014-2256-CTP-22

NAME:Powder River Energy CorporationADDRESS:P.O. Box 930, Sundance, WY 82729

WY PSC

4th Revised Sheet No. 2 Cancels 3rd Revised Sheet No. 2

			RATE RIDER htinued -		
Class	Rate Codes	Billing Unit	2020 Approved Base Rate	2023 COPA*	Total Rate
General Service (GS)	040/400	<u>Non-Residential</u> <u>Basic Charge</u> Single-Phase Three-Phase	\$40.00 \$45.00		\$40.00 \$45.00
	141/401	<u>Energy Charge</u> \$/kWh - All kWh	\$0.090700	\$0.001821	\$0.092521
	142/143	<u>Residential</u> <u>Basic Charge</u> Three-Phase <u>Energy Charge</u> \$/kWh - All kWh	\$45.00 \$0.090700	\$0.001821	\$45.00 \$0.092521
Large Power (LP)	050/450 050A/450A 051/451 051A/451A 052/052A/452/452A	Basic Charge _ <u>\$/kWh</u> First 200 kWh/mon/kW Excess kWh/mon _\$/kW_	\$200.00 \$0.074410 \$0.054410	\$0.001821 \$0.001821	\$200.00 \$0.076231 \$0.056231
	053/053A/453/453A	First 50 kW Excess kW <u>Primary Service Discount</u> Per billed kW charges/mon Per billed kWh charges/mon	\$3.75 \$6.75 3% 3%		\$3.75 \$6.75 3% 3%
Irrigation (I)	030	\$/kWh - All kWh Annual Charge / HP	\$0.084200 \$24.50	\$0.001821	\$0.086021 \$24.50
Outdoor Lighting (OL)	OL	<u>\$/Month</u> 175W - MV (CLOSED) 100W - HPS (CLOSED) 150 W - HPS (CLOSED) 30-50W - LED	\$9.55 \$9.55 \$9.55 \$9.60	\$0.15 \$0.09 \$0.14 \$0.03	\$9.70 \$9.64 \$9.69 \$9.63
Street Lighting (SL)	080	<u>\$/Month</u> 100W - HPS (CLOSED) 150W - HPS (CLOSED) 175W - MV (CLOSED) 400W - MV (CLOSED) 400W - HPS (CLOSED) <= 60 W LED <=60 W LED voutlet	\$9.55 \$9.55 \$16.55 \$16.55 \$16.55 \$9.50 \$10.00	\$0.00 \$0.00 \$0.31 \$0.34 \$0.03 \$0.03	\$9.55 \$9.55 \$16.86 \$16.89 \$9.53 \$10.04
Large Power Transmission Coal Mine	303	Distribution Component Basic Charge Demand Charge	\$4,900.00 \$1.25/NCP Billing kW		\$4,900.00 \$1.25/NCP Billing kW
(LPT-CM)		Power Supply Component Demand Charge Energy Charge	\$19.90/CP Billing kW \$0.031270 kWh	(\$0.002181)	\$19.90/CP Billing kW \$0.029089 kWh

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet.

*Reference Sheet No. 34, Rate Schedule Billing Adjustments (BA) for more information on the COPA.

Date Issued: November 1, 2022

By Two Mills

Date Effective: January 1, 2023

Title: Chief Executive Officer Docket No. 10014-226-CP-22

NAME: Powder River Energy Corporation ADDRESS: P.O. Box 930, Sundance, WY 82729 WY PSC Tariff No. 10 3rd 2nd Revised Sheet No. 3 Cancels 2nd 4st Revised Sheet No. 3

			IFF RATE RIDER - continued -		
Class	Rate Code	Billing Unit	2020 Approved Base Rate	2022-2023 COPA*	Total Rate
General Service		Non-Residential			
Time of Use (GS-TOU)	GTO1/GTF1	Basic Charge Single-Phase	\$40.00		\$40.00
	CTO1/CTF1 GTO3/GTF3	Three-Phase	\$45.00		\$45.00
	CTO3/CTF3	Energy Charge			
		On Peak kWh Off Peak kWh	\$0.113000 \$0.064000	\$0.000791	\$0.113791
		Residential Basic Charge			
	RTO3/RTF3 STO3/STF3	Three-Phase	\$45.00		\$45.00
		<u>Energy Charge</u> On Peak kWh Off Peak kWh	\$0.113000 \$0.064000	\$0.000791	\$ 0.113791 \$0.114821 \$0.064791 \$0.065821
Large Power Time of Use		Basic Charge Demand Charge (NCP)	\$200.00		\$200.00
(LP-TOU)	LTT/LTTC	Transmission Delivery/kW	\$0.77		\$0.77
, ,	LTS/LTSC	Substation Delivery/kW	\$1.87		\$1.87
	LTP/LTPC	Distribution Primary Delivery/kW Distribution Secondary	\$6.02		\$6.02
	LTD/LTDC	Delivery/kW	\$6.22		\$6.22
		Wholesale Rate Component Fixed Charge per CP kW during On Peak Periods Transmission Delivery/kW Substation Delivery/kW	\$19.69 \$20.07		\$19.69 \$20.07
		Distribution Primary Delivery/kW	\$20.50		\$20.50
		Distribution Secondary Delivery/kW	\$21.17		\$21.17
		<u>Energy Charge</u> Transmission Delivery/kWh Substation Delivery/kWh	\$0.031120 \$0.031730	\$0.000634 (\$0.001203) \$0.000791 \$0.001821	<mark>\$0.031754</mark> \$0.029917 \$0.032521 \$0.033551
		Distribution Primary Delivery/kWh Distribution Secondary	\$0.032410	\$0.000791 \$0.001821	\$0.033201 \$0.034231
		Delivery/kWh	\$0.033450	\$0.000791 \$0.001821	\$0.034241 \$0.035271
Large Power Transmission CBM (LPT-CBM)	460 465	<u>Distribution Component</u> Basic Charge Demand Charge Power Supply Component	\$1,000.00 \$2.80/NCP Billing kW		\$1,000.00 \$2.80/NCP Billing kW
、		Demand Charge Energy Charge	\$19.99/CP Billing kW \$0.031220	\$0.000041 (\$0.002410)	\$19.99/CP Billing kW \$0.031261 \$0.028810
		hly minimums as stated on the indiv	aliante entre du la elect	- 4	

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet. *Reference Sheet No. 34, Rate Schedule Billing Adjustments (BA) for more information on the COPA.

Date Issued: January 3, 2022 November 1, 2022

Tria Mills By:

Date Effective: January 1, 20223

Title: Chief Executive Officer Docket No. 10014-2246-CP-242

NAME: Powder River Energy Corporation ADDRESS: P.O. Box 930, Sundance, WY 82729 WY PSC Tariff No. 10 3rd Revised Sheet No. 3

Cancels 2nd Revised Sheet No. 3

TARIFF RATE RIDER - continued -										
Class	Rate Code	Billing Unit	2020 Approved Base Rate	2023 COPA*	Total Rate					
General Service		Non-Residential								
Time of Use		Basic Charge								
(GS-TOU)	GTO1/GTF1	Single-Phase	\$40.00		\$40.00					
````	CTO1/CTF1	-								
	GTO3/GTF3 CTO3/CTF3	Three-Phase	\$45.00		\$45.00					
		Energy Charge								
		On Peak kWh	\$0.113000	\$0.001821	\$0.114821					
		Off Peak kWh	\$0.064000	\$0.001821	\$0.065821					
		Residential								
		Basic Charge	<b>A</b> 1 <b>F A A</b>		<b>A</b> 1 <b>F</b> 00					
	RTO3/RTF3 STO3/STF3	Three-Phase	\$45.00		\$45.00					
		Energy Charge								
		On Peak kWh	\$0.113000	\$0.001821	\$0.114821					
		Off Peak kWh	\$0.064000	\$0.001821	\$0.065821					
Large Power		Basic Charge	\$200.00		\$200.00					
Time of Use (LP-TOU)	LTT/LTTC	Demand Charge (NCP) Transmission Delivery/kW	\$0.77		\$0.77					
(LP-100)		,								
	LTS/LTSC	Substation Delivery/kW	\$1.87		\$1.87					
	LTP/LTPC	Distribution Primary Delivery/kW Distribution Secondary	\$6.02		\$6.02					
	LTD/LTDC	Delivery/kW	\$6.22		\$6.22					
		Wholesale Rate Component Fixed Charge per CP kW during On Peak Periods								
		Transmission Delivery/kW	\$19.69		\$19.69					
		Substation Delivery/kW	\$20.07		\$20.07					
			Q20.01		φ20.01					
		Distribution Primary Delivery/kW Distribution Secondary	\$20.50		\$20.50					
		Delivery/kW	\$21.17		\$21.17					
		Energy Charge								
		Transmission Delivery/kWh	\$0.031120	(\$0.001203)	\$0.029917					
		Substation Delivery/kWh	\$0.031730	\$0.001821	\$0.033551					
		Distribution Primary Delivery/kWh	\$0.032410	\$0.001821	\$0.034231					
		Distribution Secondary Delivery/kWh	\$0.033450	\$0.001821	\$0.035271					
	100									
Large Power	460	Distribution Component	¢4,000,00		¢4,000,00					
Transmission	465	Basic Charge	\$1,000.00		\$1,000.00					
CBM		Demand Charge	\$2.80/NCP Billing kW		\$2.80/NCP Billing kW					
(LPT-CBM)		Power Supply Component	\$19.99/CP Billing kW							
		Demand Charge	\$19.99/CP Billing kw \$0.031220	(\$0,002410)	\$19.99/CP Billing kW \$0.028810					
		Energy Charge	<b>⊅</b> 0.031∠∠0	(\$0.002410)	<b>Φ</b> 0.028810					

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet. *Reference Sheet No. 34, Rate Schedule Billing Adjustments (BA) for more information on the COPA.

Date Issued: November 1, 2022

no Mills By:

Date Effective: January 1, 2023

Title: Chief Executive Officer Docket No. 10014-226-CP-22