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April 2, 2019

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

Re: Docket No. 10014-198-CT-19

Dear Mr. Petrie,

Please find enclosed one (1) original and four (4) copies of Powder River Energy Corporation's Application and supporting documentation requesting approval of the proposed Large Power Transmission-Coal Mine rate redesign.

This information has been filed electronically on the Commission's Document Management System as well. Also enclosed is check #261182 in the amount of \$5.00 for the filing fee.

Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink that reads "Michael E. Easley". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Michael E. Easley
Chief Executive Officer

MEE/sjp

Enclosures

BEFORE THE WYOMING PUBLIC SERVICE COMMISSION

IN THE MATTER OF THE APPLICATION OF	§	
POWDER RIVER ENERGY CORPORATION	§	
SUNDANCE, WYOMING, TO REVISE ITS	§	DOCKET NO. 10014-198-CT-19
LARGE POWER TRANSMISSION COAL MINE RATE	§	
AND COST OF POWER ADJUSTMENT TARIFF	§	

APPLICATION

COMES NOW, Powder River Energy Corporation, the Applicant named herein and sometimes herein called the "COOPERATIVE," and hereby respectfully requests an order from the Public Service Commission of the State of Wyoming, sometimes herein called the "COMMISSION" granting the applicant authority to revise its Large Power Transmission – Coal Mine (LPT-CM) rate and eliminate the component of the Cost of Power Adjustment (COPA) factor that applies to the LPT-CM rate, as set forth in the exhibits attached hereto and made a part hereof by this reference.

In support of this application, the Applicant sets forth the following:

1. The Applicant is a non-profit cooperative utility organized, 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.
2. The Cooperative is duly authorized to generate, manufacture, purchase, acquire, and transmit electric energy, sell supplies and dispose of electric energy in its certified territory.
3. Communications regarding this Application are to be addressed to: Mr. Michael E. Easley, Chief Executive Officer, for the Applicant, Post Office Box 930, Sundance, Wyoming 82729, and Mr. Mark L. Hughes, Attorney for the Applicant, Post Office Box 456, Sundance, Wyoming 82729.
4. The rates charged by the Cooperative for its electric service have been established and placed in effect under appropriate Orders of the Commission.
5. The Cooperative is a Class C member of Basin Electric Power Cooperative ("Basin"), Bismarck, North Dakota. The Cooperative is a member of Members 1st Power Cooperative who is a Class A member of Basin and therefore purchases all power requirements through agreements and contracts with Basin and resells that power to its members which include Powder River Energy

Corporation, Tongue River Electric Cooperative, Inc. in Ashland, Montana, and Fergus Electric Cooperative, Inc. in Lewistown, Montana.

6. In this application, the Cooperative is requesting authority to revise its existing rate tariff, the LPT-CM rate and to eliminate the component of the COPA applicable to the LPT-CM rate.
7. The requested revision to the LPT-CM rate changes the demand component for recovery of wholesale demand costs to a coincident-peak (CP) demand billing determinant from the existing non-coincident peak (NCP) demand billing determinant.
8. The requested changes are necessary and justified for the following reasons:
 - a. The revision to the rate establishes a more cost-based rate design that tracks the wholesale demand costs as reflected in the Basin Wholesale rate.
 - b. The revised rate design will allow members served on the LPT-CM rate to take advantage of Basin's recently approved demand waiver provisions in the wholesale rate.
 - c. The load characteristics of the individual coal mines served on the LPT-CM rate have changed since the existing LPT-CM rate design was implemented in 2002. With continued decline in the coal industry, further changes in load characteristics are projected to create greater differences between the members served under the existing rate structure. The revised rate design will reduce the potential of subsidy between the members served on the rate.
 - d. The revised rate design will effectively provide a pass-through of the Basin wholesale demand costs on a monthly, providing a more current tracking of the wholesale component of the billing to the member.
 - e. The revision to the rate design in the LPT-CM rate eliminates the need for the component of the COPA applicable to the LPT-CM rate. By revising the LPT-CM rate and eliminating the COPA applicable to the LPT-CM rate, members on the LPT-CM will experience a more-timely recovery or payment of power costs.
9. The existing LPT-CM rate was approved by the Commission in 2002 and was supported by the members taking service on the LPT-CM rate at that time.
10. The proposed revisions to the LPT-CM rate have been presented to each member served on the LPT-CM rate. All members have voiced support or have stated they have no objection of the proposed revision to the rate.

11. Looking at a historical test period of November 2017 through October 2018, had the proposed revisions suggested been in effect the overall impact of the proposed change to the members within the LPT-CM rate class would have been an annual reduction of \$894,054.
12. The attached Exhibit DWH - 1 shows the proposed revision to the Applicant's Large Power Transmission – Coal Mine (LPT-CM) tariff and the COPA tariff.
13. The attached Exhibit DWH - 2 shows the development of the rate and the impact of the change.
14. As a result of the elimination of the component of the Cost of Power Adjustment applicable to the LPT-CM rate, the un-refunded component of the currently applicable COPA related to the over recovery of power cost in prior periods must be calculated and refunded. In addition, any over or under recovery for the last several months not included in the prior period reconciliation must also be calculated and refunded. Exhibits DWH 3-6 provides a preliminary estimate of the calculation of said refund amount through May 2019.

WHEREFORE, Powder River Energy Corporation respectfully requests this Commission make its Order authorizing the Cooperative to revise its LPT-CM rate and eliminate the component of the COPA applicable to the LPT-CM. The Applicant further requests that the new rate tariffs become effective for billings on or after June 1, 2019.

Dated at Sundance, Wyoming, this 2nd day of April 2019.

POWDER RIVER ENERGY CORPORATION


Michael E. Easley
Chief Executive Officer

**BEFORE THE
WYOMING PUBLIC SERVICE COMMISSION**

**DIRECT TESTIMONY
OF
DAVID W. HEDRICK
C. H. GUERNSEY & COMPANY
OKLAHOMA CITY, OKLAHOMA**

**ON BEHALF OF
POWDER RIVER ENERGY CORPORATION**

DOCKET NO. 10014-198-CT-19

1 Q. Please state your name and business address.

2 A. My name is David W. Hedrick and my business address is 5555 North Grand Boulevard,
3 Oklahoma City, Oklahoma 73112-5507.

4 Q. By whom are you employed and what is your position?

5 A. I am employed by C. H. Guernsey & Company, Engineers, Architects and Consultants. I
6 work primarily in the area of Electrical Rate Analysis.

7 Q. Please summarize your educational and professional background.

8 A. I have earned a Bachelor of Science degree from the University of Central Oklahoma and
9 an M.B.A. degree from Oklahoma City University. I have been employed by C. H.
10 Guernsey & Company since 1981.

11 Q. Have you previously testified before regulatory commissions?

12 A. Yes. I have testified before the Arizona Corporation Commission, the Public Utility
13 Commission of Texas, the Oklahoma Corporation Commission, the Arkansas Public
14 Service Commission and the Wyoming Public Service Commission.

15 Q. Whom do you represent in this proceeding?

16 A. I represent Powder River Energy Corporation ("Powder River" or the "Cooperative").

17 Q. What is the purpose of your testimony?

18 A. I will describe Powder River's request and sponsor the schedules included in the filing in
19 support of the Cooperative's request.

20 Q. What is Powder River requesting in this proceeding?

21 A. Powder River is requesting approval of a revised Large Power Transmission Coal Mine
22 (LPT – CM) rate schedule and revision of the Cost of Power Adjustment (COPA) Rate
23 Rider to eliminate the application of the COPA to the LPT-CM rate class.

24 Q. Why is Powder River proposing to make these changes now?

25 A. Rather than wait for the next full rate filing with the public service commission, Powder
26 River has determined it is necessary to address the issues with the LPT-CM rate
27 immediately. The power supply demand component of the existing LPT-CM rate is billed
28 based on the customer's maximum metered non-coincident demand during the month. In
29 addition, there is a ratchet provision that establishes a minimum monthly billing demand
30 of no less than 60% of the highest metered demand during any of the preceding eleven
31 months. This is the rate design that the coal mine members requested when the rate was
32 originally implemented. However, the Basin wholesale demand charge is billed based on
33 the demand coincident with the time of Powder River's system peak. Therefore, there is a
34 mismatch between how the LPT-CM rate recovers the wholesale demand costs and how
35 those costs are actually incurred. The individual coal mine load characteristics of load
36 factor and diversity (relationship between coincident peak demand and non-coincident
37 peak demand) have experienced significant changes in recent years. There is less
38 consistency between the individual coal mine members which has led to greater inequity
39 between members caused by the rate structure. The changing load characteristics coupled

40 with the mismatch between using NCP billing units and CP billing units has for the last
41 several years contributed to over-collection of power cost in the rate and subsequent need
42 to return the over-recovery through the COPA. While the COPA mechanism works as
43 designed, because of the time-lines reflected in calculation, the reconciliation of an over-
44 recovery of power cost can take up to 18 months to return to the affected coal mine
45 members, provided the Cooperative can accurately forecast future sales over this
46 timeframe.

47 Q. How do the proposed changes to the LPT-CM rate address these issues?

48 A. The proposed revisions to the LPT-CM rate will more closely align the recovery of the
49 wholesale power cost from the members of the class to the wholesale costs charged by
50 Basin by using the CP billing units determined in the same manner as reflected in the Basin
51 rates to Powder River. The wholesale energy component of the rate is also being revised
52 to reflect the Basin energy rate. By making these changes, the LPT-CM rate will provide a
53 pass-through of the Basin wholesale cost, eliminate any potential inequity between
54 members and eliminate the over (or under) recovery of power cost. The application of the
55 proposed LPT-CM rate will also eliminate the need for the COPA mechanism applied to
56 the LPT-CM rate class.

57 Q. Are there additional reasons for making this change?

58 A. Yes. The Basin wholesale rate has recently been revised to include a demand waiver period
59 between 10:00 P.M. and 11:00 A.M. in June, July, August, September, and 10:00 P.M. and
60 6:00 A.M. and 12:00 P.M and 4:00 P.M. in the remaining months. By virtue of this waiver,
61 Basin will not bill Member's 1st, who will not bill Powder River for demand based on
62 demand readings during this period. By revising the rate design for the LPT-CM rate

63 schedule, members will be able to take advantage of these waiver periods in a timely
64 manner. Under the existing rate schedule and COPA, billing to the member using the non-
65 coincident demand would not recognize the demand waiver and any reductions in power
66 cost would flow back to the members through the COPA mechanism. The reconciliation
67 under the existing tariff could take up to 18 months.

68 Q. Why is Powder River proposing to eliminate the application of the COPA for the LPT-CM
69 class as part of this revision to the LPT-CM rate?

70 A. The revised LPT-CM rate using the same billing units to calculate the power supply
71 component of the rate provides a direct-pass through of the wholesale costs on a monthly
72 basis. There is no reconciliation required for the power cost component. Any changes in
73 the wholesale power cost rates will be revised as needed through a pass-through filing with
74 the commission.

75 Q. Please describe the existing LPT-CM rate schedule?

76 A. The existing LPT-CM rate schedule provides service to the large coal mine accounts served
77 by Powder River at transmission voltage. This rate class represents roughly 46% of the
78 total cooperative sales and roughly 37% of the total cooperative revenues. The existing
79 LPT-CM rate schedule reflects the following components:

80 DISTRIBUTION COMPONENT

81 Basic Charge: \$1,000.00 per month

82 Demand Charge: \$0.90 per kW per month of maximum metered demand (NCP)

83 POWER SUPPLY COMPONENT

84 Demand Charge: \$15.00 per kW per month of maximum metered demand (NCP)

85 Energy Charge: \$0.029999 per kWh per month

86 Plus, the COPA factor shown on Sheet No. 2.

87 Q. What is the definition of “maximum metered demand (NCP)”?

88 A. The existing LPT-CM rate includes the following definition:

89 DETERMINATION OF DEMAND CHARGE

90 The demand charge shall be calculated on the maximum kW demand established by the
91 member for any period of fifteen (15) consecutive minutes during the period for which the
92 bill is rendered, as indicated or recorded by a demand meter or otherwise determined and
93 adjusted for power factor, but in no event will the demand charge be less than sixty percent
94 (60%) of the highest metered demand established during any of the immediately preceding
95 eleven (11) months.

96

97 Q. When was the existing LPT-CM rate schedule established?

98 A. The existing LPT-CM rate schedule was first approved in 2002. The same rate structure
99 has been maintained since that time though the per unit rates have been modified
100 periodically during rate filings with the commission. The LPT-CM rate structure approved
101 in 2002 was a result of collaboration with representatives of the coal mines served on this
102 rate schedule. The rate structure proposed and approved in 2002 reflected the unanimous
103 intentions of the coal mine group without intervention. The currently approved LPT-CM
104 rate schedule became effective in July 2017.

105 Q. Please describe the proposed LPT-CM rate schedule as reflected on Exhibit DWH -1.

106 A. The proposed LPT-CM rate schedule reflects the following components:

107 DISTRIBUTION COMPONENT

108 Basic Charge: \$1,000.00 per month

109 Demand Charge: \$0.90 per kW per month of maximum metered demand (NCP)

110

111 POWER SUPPLY COMPONENT

112 Demand Charge: \$19.90 per kW per month of CP Billing Demand (CP)

113 Energy Charge: \$0.032547 per kWh per month

114

115 The Distribution Component of the proposed LPT-CM rate is unchanged from the existing.

116 The proposed Power Supply Component demand charge has been designed to recover the
117 currently effective 2019 Basin Wholesale CP Demand Charge and the allocation of current
118 Basin Fixed Charges to the LPT-CM rate class based on the Coincident Peak Demand (CP).

119 The Energy Charge reflects a recovery of the 2019 Basin Wholesale Energy charge. Both

120 the Wholesale Demand Charge and Wholesale Energy Charge have been adjusted for
121 losses to reflect the application of the rate to the retail billing units measured at the
122 member's meter. The Basin wholesale charges used in the calculation are the same as those
123 used in the calculation of COPA approved by the Commission in January.

124 Q. What is the definition of CP Billing Demand (CP) in the proposed rate?

125 A. The proposed LPT – CM rate will include the following definition:

126 DETERMINATION OF CP BILLING DEMAND

127 The CP Billing Demand shall be the maximum kilowatt demand established by the member
128 coincident with the time of the Cooperative's monthly peak utilized by Basin for purposes
129 of determining the wholesale demand billing, as indicated or recorded by a demand meter
130 or otherwise determined and adjusted for power factor.

131 Q. What is the projected impact of the proposed revision to the LPT-CM rate and elimination
132 of the COPA mechanism applied to the LPT-CM class?

133 A. While the impact can vary dependent on actual usage and usage characteristics of the LPT-
134 CM class, Exhibit DWH-2 shows the development of the rate and what the impact to the
135 LPT-CM class would have been had the proposed changes been in effect during a test
136 period of November 2017 through October 2018. The impact of the revision over this
137 period would have been an annual reduction of \$894,054 to the class.

138 Q. Is there any additional impact on the LPT-CM class that should be considered as a result
139 of eliminating the COPA mechanism?

140 A. Yes. The current COPA factor for the LPT-CM class includes a component for an over
141 recovery of (0.002841) per kWh or \$2,775,467. As a component of the approved COPA
142 factor, this total amount was intended to be returned to the LPT-CM Class had the COPA
143 factor been applied for a full twelve-month period. With the elimination of the COPA
144 mechanism, the remaining over-recovery amount will need to be returned to the LPT-CM

145 Class. Powder River proposes to make a one-time refund of the remaining over-recovered
146 amount. The amount to refund will depend on when the commission issues an order in this
147 case. Powder River will calculate the amount of the refund associated with the remaining
148 over-recovery component and allocate that amount to each member of the rate class based
149 on the total kWh for each member during the twelve-month period ending October 2018.
150 The calculation of the refund and the allocation to members will be provided to commission
151 staff for review and approval.

152 Q. Please continue.

153 A. In addition to the remaining over recovery component included in the current COPA from
154 periods prior to October 2018 to be returned to the LPT-CM, the reconciliation amounts
155 for the months of October 2018 through the present should also be passed along to the
156 LPT-Class. These amounts will be calculated and included with the remaining prior period
157 over recovery to be returned to the LPT-CM class as a one-time refund. Attached as
158 Exhibit DWH-3 is a preliminary calculation of the one-time refund through February 2019
159 with projections for month through May 2019. This schedule will be updated with actual
160 data when the approval date is set.

161 Q. Has Powder River informed the members of the LPT-CM class of the proposed changes?

162 A. Yes. Powder River has discussed the proposed changes with the group of coal-mine
163 members that make up the LPT-CM class and has met individually with each member. The
164 purpose of these meetings was not only to inform the members of the proposed changes
165 but to also determine whether there was any opposition to the proposal. All members of
166 the class have voiced support or have stated they have no objection for the proposed
167 changes.

168 Q. Does that conclude your testimony?

169 A. Yes. It does.

THE PUBLIC SERVICE COMMISSION OF WYOMING

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

WY PSC Tariff No. 9
 3rd 2nd Revised Sheet No. 2
 Cancelling 2nd 1st Revised Sheet No. 2

TARIFF RATE RIDER - continued -					
Class	Rate Codes	Billing Unit	2017 Approved Base Rate	2019 COPA*	Total Rate
General Service (GS)	040	<u>Basic Charge</u>			
	041	Single-Phase	\$35.00		\$35.00
	140	Three-Phase	\$40.00		\$40.00
	141	\$/kWh - All kWh	\$0.079500	\$0.007064	\$0.086564
Large Power (LP)	050	<u>Basic Charge</u>	\$175.00		\$175.00
	050A	<u>\$/kWh</u>			
	051	First 200 kWh/mon/kW	\$0.066050	\$0.007064	\$0.073114
	051A	Excess kWh/mon	\$0.046050	\$0.007064	\$0.053114
		<u>\$/kW</u>			
		First 50 kW	\$3.25		\$3.25
		Excess kW	\$6.25		\$6.25
Irrigation (I)	030	\$/kWh - All kWh	\$0.077500	\$0.007064	\$0.084564
		Annual Charge / H.P.	\$22.50		\$22.50
Outdoor Lighting (OL)	OL	<u>\$/Month</u>			
		175W - MV	\$9.00	\$0.58	\$9.58
		100W - HPS	\$9.00	\$0.37	\$9.37
		150 W - HPS	\$9.00	\$0.55	\$9.55
Street Lighting (SL)	080	<u>\$/Month</u>			
		100W - HPS	\$9.00	\$0.37	\$9.37
		150W - HPS	\$9.00	\$0.55	\$9.55
		175W - MV	\$9.00	\$0.58	\$9.58
		400W - MV	\$16.00	\$1.22	\$17.22
		400W - HPS	\$16.00	\$1.33	\$17.33
Large Power Transmission Coal Mine (LPT-CM)	303	<u>Distribution Component</u>			
		Basic Charge	\$1,000.00		\$1,000.00
		Demand Charge	\$0.90/NCP Billing kW		\$0.90/NCP Billing kW
		<u>Power Supply Component</u>			
		Demand Charge	\$45.00 \$19.90/NCP Billing kW 0.029999 0.032547		\$45.00 \$19.90/NCP Billing kW 0.029999 0.032547
		Energy Charge		\$0.000854	

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet.
 *Reference Sheet No. 37, Rate Schedule BA for more information on the COPA.

Date Issued: ~~December 14, 2018~~ April 2, 2019

Date Effective: ~~January 1, 2019~~ June 1, 2019

By: 

Title: Chief Executive Officer
 Docket No. 10014-193-GP-18 10014-198-CT-19

THE PUBLIC SERVICE COMMISSION OF WYOMING

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

WY PSC

Tariff No. 9
 3rd Revised Sheet No. 2
 Cancelling 2nd Revised Sheet No. 2

TARIFF RATE RIDER					
- continued -					
Class	Rate Codes	Billing Unit	2017 Approved Base Rate	2019 COPA*	Total Rate
General Service (GS)	040	<u>Basic Charge</u>			
	041	Single-Phase	\$35.00		\$35.00
	140	Three-Phase	\$40.00		\$40.00
	141	\$/kWh - All kWh	\$0.079500	\$0.007064	\$0.086564
Large Power (LP)	050	Basic Charge	\$175.00		\$175.00
	050A	<u>\$/kWh</u>			
	051	First 200 kWh/mon/kW	\$0.066050	\$0.007064	\$0.073114
	051A	Excess kWh/mon	\$0.046050	\$0.007064	\$0.053114
		<u>\$/kW</u>			
		First 50 kW	\$3.25		\$3.25
		Excess kW	\$6.25		\$6.25
Irrigation (I)	030	\$/kWh - All kWh	\$0.077500	\$0.007064	\$0.084564
		Annual Charge / H.P.	\$22.50		\$22.50
Outdoor Lighting (OL)	OL	<u>\$/Month</u>			
		175W - MV	\$9.00	\$0.58	\$9.58
		100W - HPS	\$9.00	\$0.37	\$9.37
		150 W - HPS	\$9.00	\$0.55	\$9.55
Street Lighting (SL)	080	<u>\$/Month</u>			
		100W - HPS	\$9.00	\$0.37	\$9.37
		150W - HPS	\$9.00	\$0.55	\$9.55
		175W - MV	\$9.00	\$0.58	\$9.58
		400W - MV	\$16.00	\$1.22	\$17.22
		400W - HPS	\$16.00	\$1.33	\$17.33
Large Power Transmission Coal Mine (LPT-CM)	303	<u>Distribution Component</u>			
		Basic Charge	\$1,000.00		\$1,000.00
		Demand Charge	\$0.90/NCP Billing kW		\$0.90/NCP Billing kW
		<u>Power Supply Component</u>			
		Demand Charge	\$19.90/CP Billing kW		\$19.90/CP Billing kW
		Energy Charge	\$0.032547		\$0.032547

Rate Schedules are subject to monthly minimums as stated on the individual rate schedule sheet.
 *Reference Sheet No. 37, Rate Schedule BA for more information on the COPA.

Date Issued: April 2, 2019

Date Effective: June 1, 2019

By: 

Title: Chief Executive Officer
 Docket No. 10014-198-CT-19

Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

APPLICABILITY

Applicable to coal mining members who take delivery of electric service at the Corporation's transmission voltage and metered at one point of delivery or as determined by the Corporation.

AVAILABILITY

Available within the certificated territory of Powder River Energy Corporation.

TYPE OF SERVICE

Alternating current, 60 cycles, three-phase.

RATE

DISTRIBUTION COMPONENT

Basic Charge: \$1,000.00 per month

Demand Charge: \$0.90 per kW per month of maximum metered demand Non-Coincident Peak (NCP)

POWER SUPPLY COMPONENT

Demand Charge: ~~\$19.90~~~~15.00~~ per kW per month of maximum metered demand Coincident Peak (NCP)

Energy Charge: \$0.03254729999 per kWh per month

Plus, the COPA factor shown on Sheet No. 2. The COPA mechanism is described in detail beginning on Sheet No. 37.

ADDITIONAL CHARGES

Any amount authorized under the Corporation's Standard Line Extension Policy as referenced in Section V of the Corporation's Rules and Regulations shall be in addition to charges of this rate schedule.

DETERMINATION OF NCP BILLING DEMAND

The NCP Billing Demand shall be the maximum kilowatt demand established by the member for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered, as indicated or recorded by a demand meter or otherwise determined and adjusted for power factor, but in no event will the Billing Demand be less than sixty (60) percent (~~60%~~) of the highest Billing Demand established during any of the immediately preceding eleven (11) months. A minimum Billing Demand will be established in the contract for service.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: April 2, 2019

Effective: June 1, 2019

Dkt. No. 10014-198-CT-19

Powder River Energy Corporation
P.O. Box 930
Sundance, WY 82729

Wyoming PSC No. 9

1st Revised Original Sheet No. 232
Cancelling Original Sheet No. 23

Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

DETERMINATION OF CP BILLING DEMAND

The CP Billing Demand shall be the maximum kilowatt demand established by the member coincident with the time of the Cooperative's monthly system peak utilized by Basin for purposes of determining the wholesale demand billing, as indicated or recorded by a demand meter or otherwise determined and adjusted for power factor.~~DETERMINATION OF DEMAND CHARGE~~

~~The demand charge shall be calculated on the maximum kW demand established by the member for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered, as indicated or recorded by a demand meter or otherwise determined and adjusted for power factor, but in no event will the demand charge be less than sixty percent (60%) of the highest metered demand established during any of the immediately preceding eleven (11) months.~~

Issued by
Michael E. Easley, Chief Executive Officer

Issued: April 2, 2019

Effective: June 1, 2019

Dkt. No. 10014-198-CT-19

Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

POWER FACTOR

The member agrees to maintain a unity power factor, or power factor as near to one hundred (100) percent as practical. If at any time the measured power factor shall be less than ninety (90) percent, or ninety-five (95) percent for LPT-CBM, the Corporation may request, upon sixty (60) days' written notice, and at the member's expense, the member to take such corrective action as necessary to correct his/her power factor to within required limits. Until corrected and for billing purposes, the member's Billing Demand shall be increased one (1) percent for each one (1) percent the measured power factor is less than that required by this Rate Schedule.

MINIMUM MONTHLY CHARGE

The minimum monthly charge will be sixty (60) percent of the highest NCP billing demand established during any of the immediately preceding eleven (11) months for the distribution component demand charge, plus the Basic Charge.

~~BILLING ADJUSTMENT~~

~~This rate is subject to all billing adjustment charges, and such adjustment charges shall be billed in addition to the minimum charges.~~

TERMS OF PAYMENT

If the payment for electric service is not received in the Corporation's offices via U.S. mail, electronically, or at one of the banking institutions that offer the Corporation's bill paying service by the "Delinquent After" date shown on the billing statement or the bill shall be deemed past due. A late payment charge as stated in the Rate Schedule referenced in Section VII of the Corporation's Rules and Regulations, will be added to the monthly billed amount.

MEMBER'S RESPONSIBILITY

- 1) The member shall not permit anyone who is not an approved agent of the Corporation to remove or tamper with the Corporation's property.
- 2) The non-residential member shall provide coordinated sectionalizing equipment (i.e. fused or breaker disconnects, fused cutouts, reclosers or breakers), acceptable to the Corporation, immediately adjacent to the Corporation's point of delivery. The member's sectionalizing equipment is required to protect the system of the Corporation from faults, transients and over-currents conditions that occur on the system of the member. This equipment may also provide a suitable means for the member to disconnect from the system of the Corporation. The

Issued by
Michael E. Easley, Chief Executive Officer

Issued: April 2, 2019

Effective: June 1, 2019

Dkt. No. 10014-198-CT-19

Powder River Energy Corporation
P.O. Box 930
Sundance, WY 82729
No. ~~23~~³³

Wyoming PSC No. 9

1st Revised ~~Original~~ Sheet

Cancelling Original Sheet No. 23

Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

MEMBER'S RESPONSIBILITY (cont'd)

2) ~~1)~~ sectionalizing equipment shall coordinate with the sectionalizing equipment on the Corporation's system. The member shall submit their recommended sectionalizing equipment,

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Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

MEMBER'S RESPONSIBILITY (cont'd)

with Time Current Characteristic (TCC) information, to the Corporation for review and approval by the Corporation's engineering department.

- 3) When disturbances in the Corporation's electrical system are observed, the Corporation will investigate and determine the cause and corrective action. If it is determined the disturbances are caused by the member's system, the member may be required to install proper corrective equipment or make adjustments in its operation to alleviate the disturbance.
- 4) All wiring, pole line and other electrical equipment beyond the metering point shall be furnished, installed and adequately maintained by the member.

CHANGES IN MEMBER'S ELECTRICAL EQUIPMENT

In the event the member makes a substantial change in the original characteristics of its electrical service, the member shall notify the Corporation in advance of such change. The Corporation will then evaluate any needed or necessary adjustments in its service prior to the member making such change.

Any costs associated with needed adjustments may require a contribution on behalf of the member. The member, when failing to advise the Corporation of changes in a timely manner, assumes responsibility for any subsequent damage to his/her or the Corporation's property.

RULES AND REGULATIONS

Service supplied under this schedule is subject to the terms and conditions set forth in the Corporation's Rules and Regulations on file with the Wyoming Public Service Commission.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: April 2, 2019

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Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

APPLICABILITY

Applicable to coal mining members who take delivery of electric service at the Corporation's transmission voltage and metered at one point of delivery or as determined by the Corporation.

AVAILABILITY

Available within the certificated territory of Powder River Energy Corporation.

TYPE OF SERVICE

Alternating current, 60 cycles, three-phase.

RATE

DISTRIBUTION COMPONENT

Basic Charge:	\$1,000.00 per month
Demand Charge:	\$0.90 per kW per month of maximum metered demand Non-Coincident Peak (NCP)

POWER SUPPLY COMPONENT

Demand Charge:	\$19.90 per kW per month of maximum metered demand Coincident Peak (CP)
Energy Charge:	\$0.032547 per kWh per month

ADDITIONAL CHARGES

Any amount authorized under the Corporation's Standard Line Extension Policy as referenced in Section V of the Corporation's Rules and Regulations shall be in addition to charges of this rate schedule.

DETERMINATION OF NCP BILLING DEMAND The NCP Billing Demand shall be the maximum kilowatt demand established by the member for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered, as indicated or recorded by a demand meter or otherwise determined and adjusted for power factor, but in no event will the Billing Demand be less than sixty (60) percent of the highest Billing Demand established during any of the immediately preceding eleven (11) months. A minimum Billing Demand will be established in the contract for service.

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Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

DETERMINATION OF CP BILLING DEMAND

The CP Billing Demand shall be the maximum kilowatt demand established by the member coincident with the time of the Cooperative's monthly system peak utilized by Basin for purposes of determining the wholesale demand billing, as indicated or recorded by a demand meter or otherwise determined and adjusted for power factor.

POWER FACTOR

The member agrees to maintain a unity power factor, or power factor as near to one hundred (100) percent as practical. If at any time the measured power factor shall be less than ninety (90) percent, or ninety-five (95) percent for LPT-CBM, the Corporation may request, upon sixty (60) days' written notice, and at the member's expense, the member to take such corrective action as necessary to correct his/her power factor to within required limits. Until corrected and for billing purposes, the member's Billing Demand shall be increased one (1) percent for each one (1) percent the measured power factor is less than that required by this Rate Schedule.

MINIMUM MONTHLY CHARGE

The minimum monthly charge will be sixty (60) percent of the highest NCP billing demand established during any of the immediately preceding eleven (11) months for the distribution component demand charge, plus the Basic Charge.

TERMS OF PAYMENT

If the payment for electric service is not received in the Corporation's offices via U.S. mail, electronically, or at one of the banking institutions that offer the Corporation's bill paying service by the "Delinquent After" date shown on the billing statement or the bill shall be deemed past due. A late payment charge as stated in the Rate Schedule referenced in Section VII of the Corporation's Rules and Regulations, will be added to the monthly billed amount.

MEMBER'S RESPONSIBILITY

- 1) The member shall not permit anyone who is not an approved agent of the Corporation to remove or tamper with the Corporation's property.
- 2) The non-residential member shall provide coordinated sectionalizing equipment (i.e. fused or breaker disconnects, fused cutouts, reclosers or breakers), acceptable to the Corporation, immediately adjacent to the Corporation's point of delivery. The member's sectionalizing equipment is required to protect the system of the Corporation from faults, transients and over-currents conditions that occur on the system of the member. This equipment may also provide a suitable means for the member to disconnect from the system of the Corporation. The

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Rate Schedule: Large Power Transmission Level - Coal Mines (LPT - CM)

MEMBER'S RESPONSIBILITY (cont'd)

- sectionalizing equipment shall coordinate with the sectionalizing equipment on the Corporation's system. The member shall submit their recommended sectionalizing equipment, with Time Current Characteristic (TCC) information, to the Corporation for review and approval by the Corporation's engineering department.
- 3) When disturbances in the Corporation's electrical system are observed, the Corporation will investigate and determine the cause and corrective action. If it is determined the disturbances are caused by the member's system, the member may be required to install proper corrective equipment or make adjustments in its operation to alleviate the disturbance.
 - 4) All wiring, pole line and other electrical equipment beyond the metering point shall be furnished, installed and adequately maintained by the member.

CHANGES IN MEMBER'S ELECTRICAL EQUIPMENT

In the event the member makes a substantial change in the original characteristics of its electrical service, the member shall notify the Corporation in advance of such change. The Corporation will then evaluate any needed or necessary adjustments in its service prior to the member making such change.

Any costs associated with needed adjustments may require a contribution on behalf of the member. The member, when failing to advise the Corporation of changes in a timely manner, assumes responsibility for any subsequent damage to his/her or the Corporation's property.

RULES AND REGULATIONS

Service supplied under this schedule is subject to the terms and conditions set forth in the Corporation's Rules and Regulations on file with the Wyoming Public Service Commission.

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Michael E. Easley, Chief Executive Officer

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Dkt. No. 10014-198-CT-19

Rate Schedule: Billing Adjustments (BA)

I. COST OF POWER ADJUSTMENTS (COPA)

APPLICABILITY

The Corporation shall adjust its members' electric bills in accordance with the following COPA factor as applicable to the rate class or group of rate classes.

CALCULATION OF COPA FACTOR

On an annual basis, or as needed for power cost changes, the Corporation will file an application to establish a COPA factor to be included in its Tariffs, which generally are effective in January of each calendar year. The COPA factor for each rate class or group of rate classes will be determined by dividing the estimated over- or under-recovery of projected purchased power cost for the rate class or group by its sales. The amount of any over- or under-recovery projected for the application period will be adjusted for any over- or under-recovery from periods since the last true-up.

PURCHASED POWER COST DETERMINATION

The estimated purchased power cost for each upcoming year will be determined by projecting total system energy and demand requirements and applying the appropriate wholesale rate to the projected purchases. Fixed charges and other miscellaneous charges and credits that are part of the wholesale power bill will be included in the determination of the purchased power cost.

The purchased power cost for the LPT-CM, LPT-G and LPT-CBM rate classes will be determined based on the projected demand and energy requirements for each class. Fixed charges and other miscellaneous charges and credits will be allocated to these rate classes based on projected ~~coincident~~ Coincident peak ~~Peak (CP)~~ demand. Once the purchased power costs have been determined for the LPT-CM, LPT-G and LPT-CBM rate classes, the remaining power cost will be assigned to all the other remaining rate classes.

DETERMINATION OF TRUE-UP PERIOD

The true-up period used to accumulate any over- or under-recovery of purchased power cost associated with the COPA shall be the periods since the last true-up. The balance of any over- or under-recovery in the true-up period will be amortized over the application period identified.

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Powder River Energy Corporation
P.O. Box 930
Sundance, WY 82729

Wyoming PSC No. 9

1st Revised Original Sheet No. 37
Cancelling Original Sheet No. 37

Rate Schedule: Billing Adjustments (BA)

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Rate Schedule: Billing Adjustments (BA)

CALCULATION OF OVER- OR UNDER-RECOVERY IN THE TRUE-UP PERIOD

The actual purchased power cost for the LPT-CM, LPT-G and LPT-CBM rate classes for each of the months in the true-up period will be determined based on the energy sales to each rate class (adjusted for losses) and each rate class's contribution to the system's coincident peak. The appropriate wholesale rate will be applied to the purchases allocated to each of the rate classes. Fixed charges and other miscellaneous charges and credits will be allocated to the various rate classes based on their actual coincident peak demand. Once the purchased power costs have been determined for the LPT-CM, LPT-G, and LPT-CBM rate classes, the remaining power cost will be assigned to all the other remaining rate classes.

The power cost recovered through the retail billing of sales in the true-up period will be determined for each rate class or group of rate classes based upon the actual kWh sold in each month multiplied by the base power cost in the rate class's retail rates. The power cost recovered in the base rates will be compared to the actual purchased power cost to determine any over- or under-recovery in each month of the true-up period. Any over- or under-recovery will be adjusted by the amount of the power cost component in the COPA revenue recovered or returned in the month.

CALCULATION OF INTEREST ON OVER-RECOVERY

Interest will be computed on the balancing account's cumulative end-of-month balance for each month the account reflects an over-recovery. The interest amount will be calculated from the Commission Authorized Interest Rate, divided by the number of days in the year and multiplied by the number of days in the month. The balancing account's cumulative balance will include each month's interest amount.

1. COPA FOR ALL RATE CLASSES EXCLUSIVE OF LPT-CM, LPT-G AND LPT-CBM

The Corporation shall adjust all electric bills in all rate classes except LPT-CM, LPT-G and LPT-CBM in accordance with the following:

$$\text{COPA} = \frac{(A - B \pm C + D)}{\text{kWh}}$$

Where:

COPA = Cost of Power Adjustment factor (expressed in \$ per kWh) to be applied to energy sales in the application period.

Issued by
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Powder River Energy Corporation
P.O. Box 930
Sundance, WY 82729

Wyoming PSC No. 9

1st Revised Original Sheet No. 3938
Cancelling Original Sheet No. 38

Rate Schedule: Billing Adjustments (BA)

COPA FOR ALL RATE CLASSES EXCLUSIVE OF LPT-CM, LPT-G AND LPT-CBM (cont'd)

A = Total estimated purchased power cost (excluding kWh sales to the LPT-CM, LPT-G, and LPT-CBM rate classes and excluding costs recovered from other entities) from all suppliers for the application period.

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Rate Schedule: Billing Adjustments (BA)

COPA FOR ALL RATE CLASSES EXCLUSIVE OF LPT-CM, LPT-G AND LPT-CBM cont'd

B = Total estimated purchased power cost included in the Corporation's base retail rates (excluding kWh sales to the LPT-CM, LPT-G and LPT-CBM rate classes). The base power cost is computed as:

$$= (E) \text{ (kWh)}$$

E = Base power cost of \$0.057755 per kWh sold.

C = Adjustment to be applied to the current annual COPA billing to account for differences in actual purchased power cost and the actual COPA billing in the application period (excluding kWh sales to the LPT-CM, LPT-G and LPT-CBM rate classes).

D = Adjustment to be applied to the current annual COPA billing to account for accrued interest on any over-collected balance in the true-up period.

kWh = Total estimated energy sales (excluding kWh sales to the LPT-CM, LPT-G and LPT-CBM rate classes and excluding kWh sold to other entities) in the application period.

2. COPA FACTOR FOR LPT-CM CLASS

~~The Corporation shall adjust all bills in rate class LPT-CM in accordance with the following:~~

$$\text{COPA} = \frac{(A - B \pm C + D)}{\text{kWh}}$$

~~Where:~~

~~COPA = Cost of Power Adjustment factor (expressed in \$ per kWh) to be applied to LPT-CM energy sales in the application period.~~

~~A = Total estimated purchased power cost from all suppliers either applied directly or directly allocated to the LPT-CM class for the application period.~~

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Rate Schedule: Billing Adjustments (BA)

COPA FACTOR FOR LPT-CM CLASS (cont'd)

- ~~B~~ = ~~Total estimated purchased power cost included in the base retail rates for the LPT-CM rate class in application period. The base power cost is computed as the sum of the following:~~
- ~~Demand Cost = \$14.97 per kW of Metered NCP Billing kW~~
- ~~Energy Cost = \$0.029710 per kWh of Metered kWh~~
- ~~C~~ = ~~Adjustment to be applied to the current annual COPA billing to account for differences in actual purchased power cost and actual COPA billing in the true-up period.~~
- ~~D~~ = ~~Adjustment to be applied to the current annual COPA billing to account for accrued interest on any over-collected balance in the true-up period.~~
- ~~kWh~~ = ~~Total estimated energy sales to the LPT-CM rate class in application period.~~

23. COPA FACTOR FOR LPT-G AND LPT-CBM CLASSES

The Corporation shall adjust all bills in rate class LPT-G and LPT-CBM in accordance with the following:

$$\text{COPA} = \frac{(A - B \pm C + D)}{\text{kWh}}$$

Where:

COPA = Cost of Power Adjustment factor (expressed in \$ per kWh) to be applied to all LPT-G and LPT-CBM energy sales in the application period.

A = Total estimated purchased power cost from all suppliers either applied directly or directly allocated to the LPT-G and LPT-CBM rate class for the application period.

B = Total estimated purchased power cost included in the base retail rates for the LPT-G and LPT-CBM rate class in the application COPA FACTOR FOR LPT-G AND LPT-CBM CLASSES (cont'd)

period. The base power cost is computed as the sum of the following:

Demand Cost = \$18.10 per kW of CP Billing Demand

Energy Cost = \$0.029210 per kWh of Metered kWh

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Sundance, WY 82729

Wyoming PSC No. 9

1st Revised Original Sheet No. 4039
Cancelling Original Sheet No. 39

Rate Schedule: Billing Adjustments (BA)

COPA FACTOR FOR LPT-G AND LPT-CBM CLASSES cont'd

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Rate Schedule: Billing Adjustments (BA)

~~COPA FACTOR FOR LPT-G AND LPT-CBM CLASSES (cont'd)~~

<u>CC</u>	=	Adjustment to be applied to the current annual COPA billing to account for differences in actual purchased power cost and actual COPA billing in the true-up period.
D	=	Adjustment to be applied to the current annual COPA billing to account for accrued interest on any over-collected balance in the true-up period.
kWh	=	Total estimated energy sales to the LPT-G and LPT-CBM rate class in the application period.

II. ADDITIONAL FUEL COST SURCHARGE FOR GENERAL SERVICE – COAL BED METHANE, LARGE POWER – COAL BED METHANE, AND LARGE POWER TRANSMISSION – COAL BED METHANE

As allowed by the Wyoming Public Service Commission in Docket No. 10014-CR-01-53, in the event the wholesale supplier includes additional fuel charges directly related and assignable to service provided to the coal bed methane member classes, the Corporation will directly recover these fuel costs from these classes on a per-kWh-sold basis. Only the additional fuel related charges specifically identifiable on the wholesale power bill for service provided to the coal bed methane classes of members will be recoverable. The surcharge amount will be determined on a monthly basis.

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Powder River Energy Corporation
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1st Revised Original Sheet No. 4141
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Rate Schedule: Billing Adjustments (BA) Page left blank intentionally for future use.

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Rate Schedule: Billing Adjustments (BA)

I. COST OF POWER ADJUSTMENTS (COPA)

APPLICABILITY

The Corporation shall adjust its members' electric bills in accordance with the following COPA factor as applicable to the rate class or group of rate classes.

CALCULATION OF COPA FACTOR

On an annual basis, or as needed for power cost changes, the Corporation will file an application to establish a COPA factor to be included in its Tariffs, which generally are effective in January of each calendar year. The COPA factor for each rate class or group of rate classes will be determined by dividing the estimated over- or under-recovery of projected purchased power cost for the rate class or group by its sales. The amount of any over- or under-recovery projected for the application period will be adjusted for any over- or under-recovery from periods since the last true-up.

PURCHASED POWER COST DETERMINATION

The estimated purchased power cost for each upcoming year will be determined by projecting total system energy and demand requirements and applying the appropriate wholesale rate to the projected purchases. Fixed charges and other miscellaneous charges and credits that are part of the wholesale power bill will be included in the determination of the purchased power cost.

The purchased power cost for the LPT-CM, LPT-G and LPT-CBM rate classes will be determined based on the projected demand and energy requirements for each class. Fixed charges and other miscellaneous charges and credits will be allocated to these rate classes based on projected Coincident Peak (CP) demand. Once the purchased power costs have been determined for the LPT-CM, LPT-G and LPT-CBM rate classes, the remaining power cost will be assigned to all the other remaining rate classes.

DETERMINATION OF TRUE-UP PERIOD

The true-up period used to accumulate any over- or under-recovery of purchased power cost associated with the COPA shall be the periods since the last true-up. The balance of any over- or under-recovery in the true-up period will be amortized over the application period identified.

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Rate Schedule: Billing Adjustments (BA)

CALCULATION OF OVER- OR UNDER-RECOVERY IN THE TRUE-UP PERIOD

The actual purchased power cost for the LPT-CM, LPT-G and LPT-CBM rate classes for each of the months in the true-up period will be determined based on the energy sales to each rate class (adjusted for losses) and each rate class's contribution to the system's coincident peak. The appropriate wholesale rate will be applied to the purchases allocated to each of the rate classes. Fixed charges and other miscellaneous charges and credits will be allocated to the various rate classes based on their actual coincident peak demand. Once the purchased power costs have been determined for the LPT-CM, LPT-G, and LPT-CBM rate classes, the remaining power cost will be assigned to all the other remaining rate classes.

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CALCULATION OF INTEREST ON OVER-RECOVERY

Interest will be computed on the balancing account's cumulative end-of-month balance for each month the account reflects an over-recovery. The interest amount will be calculated from the Commission Authorized Interest Rate, divided by the number of days in the year and multiplied by the number of days in the month. The balancing account's cumulative balance will include each month's interest amount.

1. COPA FOR ALL RATE CLASSES EXCLUSIVE OF LPT-CM, LPT-G AND LPT-CBM

The Corporation shall adjust all electric bills in all rate classes except LPT-CM, LPT-G and LPT-CBM in accordance with the following:

$$\text{COPA} = \frac{(\text{A} - \text{B} \pm \text{C} + \text{D})}{\text{kWh}}$$

Where:
COPA = Cost of Power Adjustment factor (expressed in \$ per kWh) to be applied to energy sales in the application period.
A = Total estimated purchased power cost (excluding kWh sales to the LPT-CM, LPT-G, and LPT-CBM rate classes and excluding costs recovered from other entities) from all suppliers for the application period.

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Rate Schedule: Billing Adjustments (BA)

COPA FOR ALL RATE CLASSES EXCLUSIVE OF LPT-CM, LPT-G AND LPT-CBM cont'd

B	=	Total estimated purchased power cost included in the Corporation's base retail rates (excluding kWh sales to the LPT-CM, LPT-G and LPT-CBM rate classes). The base power cost is computed as: = (E) (kWh) E = Base power cost of \$0.057755 per kWh sold.
C	=	Adjustment to be applied to the current annual COPA billing to account for differences in actual purchased power cost and the actual COPA billing in the application period (excluding kWh sales to the LPT-CM, LPT-G and LPT-CBM rate classes).
D	=	Adjustment to be applied to the current annual COPA billing to account for accrued interest on any over-collected balance in the true-up period.
kWh	=	Total estimated energy sales (excluding kWh sales to the LPT-CM, LPT-G and LPT-CBM rate classes and excluding kWh sold to other entities) in the application period.

2. COPA FACTOR FOR LPT-G AND LPT-CBM CLASSES

The Corporation shall adjust all bills in rate class LPT-G and LPT-CBM in accordance with the following:

$$\text{COPA} = \frac{(A - B \pm C + D)}{\text{kWh}}$$

Where:		
COPA	=	Cost of Power Adjustment factor (expressed in \$ per kWh) to be applied to all LPT-G and LPT-CBM energy sales in the application period.
A	=	Total estimated purchased power cost from all suppliers either applied directly or directly allocated to the LPT-G and LPT-CBM rate class for the application period.
B	=	Total estimated purchased power cost included in the base retail rates for the LPT-G and LPT-CBM rate class in the application period. The base power cost is computed as the sum of the following: Demand Cost = \$18.10 per kW of CP Billing Demand Energy Cost = \$0.029210 per kWh of Metered kWh

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Michael E. Easley, Chief Executive Officer

Rate Schedule: Billing Adjustments (BA)

COPA FACTOR FOR LPT-G AND LPT-CBM CLASSES cont'd

C	=	Adjustment to be applied to the current annual COPA billing to account for differences in actual purchased power cost and actual COPA billing in the true-up period.
D	=	Adjustment to be applied to the current annual COPA billing to account for accrued interest on any over-collected balance in the true-up period.
kWh	=	Total estimated energy sales to the LPT-G and LPT-CBM rate class in the application period.

II. ADDITIONAL FUEL COST SURCHARGE FOR GENERAL SERVICE – COAL BED METHANE, LARGE POWER – COAL BED METHANE, AND LARGE POWER TRANSMISSION – COAL BED METHANE

As allowed by the Wyoming Public Service Commission in Docket No. 10014-CR-01-53, in the event the wholesale supplier includes additional fuel charges directly related and assignable to service provided to the coal bed methane member classes, the Corporation will directly recover these fuel costs from these classes on a per-kWh-sold basis. Only the additional fuel related charges specifically identifiable on the wholesale power bill for service provided to the coal bed methane classes of members will be recoverable. The surcharge amount will be determined on a monthly basis.

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Powder River Energy Corporation
P.O. Box 930
Sundance, WY 82729

Wyoming PSC No. 9

1st Revised Sheet No. 41
Cancelling Original Sheet No. 41

Rate Schedule: Billing Adjustments (BA)

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Michael E. Easley, Chief Executive Officer

Issued: April 2, 2019

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POWDER RIVER ENERGY CORPORATION

**SUMMARY OF DEVELOPMENT OF REVISED LPT RATE WITH CP BILLING DEMAND
ACTUAL CUSTOMER DATA FOR TWELVE MONTHS ENDING OCTOBER 2018 AND BASIN 2019 WHOLESALE RATE**

	<u>Existing Rate</u>	<u>Proposed Rate</u>	<u>Change</u>	<u>% Change</u>
<u>Billing Units</u>				
Customers	156	156		
Distribution Demand	2,167,897	2,167,897		
Power Supply Demand - NCP	2,167,897			
Power Supply Demand - CP		1,647,327		
Energy kWh	1,012,597,916	1,012,597,916		
<u>Rate</u>				
Basic Charge	\$ 1,000.00	\$ 1,000.00		
Distribution Demand Charge	\$ 0.90	\$ 0.90		
Power Supply Demand Charge NCP	\$ 15.00			
Power Supply Demand Charge CP		\$ 19.90		
Energy Charge	\$ 0.029999	\$ 0.032547		
2019 COPA Power Cost Charge	\$ 0.003691			
COPA Charge Rebased/Eliminated		\$ -		
<u>Total Billing</u>				
Basic Charge Billing	\$ 156,000	\$ 156,000	\$ -	
Distr. Demand Billing	\$ 1,951,107	\$ 1,951,107	\$ -	
Power Supply Demand Billing	\$ 32,518,452	\$ 32,781,797	\$ 263,346	0.81%
Energy Charge	\$ 30,376,925	\$ 32,957,024	\$ 2,580,099	8.49%
COPA Charge	\$ 3,737,499	\$ -	\$ (3,737,499)	-100.00%
Total Billing	\$ 68,739,982	\$ 67,845,929	\$ (894,054)	-1.30%
<u>Rate Development</u>				
Loss Ratio	0.3910%	As reflected in 2019 COPA Filing		
Basin 2019 CP Demand Rate	\$ 19.64	As reflected in 2019 COPA Filing		
Adjusted for Losses	\$ 19.72			
Basin 2019 Fixed Costs per CP kW	\$ 0.18	As reflected in 2019 COPA Filing		
Total Basin CP Demand Charge	\$ 19.90			
Basin 2019 Energy Charge	\$ 0.032420	As reflected in 2019 COPA Filing		
Adjusted for Losses	\$ 0.032547			

POWDER RIVER ENERGY CORPORATION

**CALCULATION OF ONE-TIME REFUND AMOUNT FOR LPT-CM CUSTOMER
RELATED TO OVER-RECOVERY INCLUDED IN COPA AND RECONCILIATION OF COPA**

	<u>Amount</u>
Over Recovery Amount Included in 2019 COPA	\$ 2,775,467
Over Recovery Amount included in January COPA	\$ 266,088
Over Recovery Amount included in February COPA	\$ 235,657
Over Recovery Amount included in March COPA	\$ 247,165
Over Recovery Amount included in April COPA	\$ 217,163
Over Recovery Amount included in May COPA	\$ 211,075
Total Over Recovery Amount Passed Back to LPT-CM in 2019	\$ 1,177,148
Remaining Amount of Over Recovery to be Refunded	\$ 1,598,319
Reconciliation for October 2018	\$ (95,564)
Reconciliation for November 2018	\$ (90,600)
Reconciliation for December 2018	\$ (127,173)
Reconciliation for January 2019	\$ 53,679
Reconciliation for February 2019	\$ 26,064
Reconciliation for March 2019	\$ (45,887)
Reconciliation for April 2019	\$ 12,728
Reconciliation for May 2019	\$ (262,604)
Total Reconciliation Amount to be Refunded	\$ (433,794)
Total Amount to be Refunded	\$ 2,032,113
Total LPT-CM kWh Sold for twelve months ending 5/31/19	993,662,000
Adjustment Factor to be Applied	0.002045

POWDER RIVER ENERGY CORPORATION

RECONCILIATION OF COPA FOR LPT-CM RATE CLASS

	<u>Oct 18</u>	<u>Nov 18</u>	<u>Dec 18</u>	<u>Jan 19</u>	<u>Feb 19</u>	<u>Mar 19</u>	<u>Apr 19</u>	<u>May 19</u>
LPT Power Cost (Schedule "LPT Actual Power Cost)	5,633,096	5,528,029	5,766,252	6,010,555	5,550,623	5,569,392	5,139,318	4,762,083
Billing Demand - NCP	184,293.63	180,727.90	187,597.82	188,903.50	181,280.24	179,300.32	167,617.32	165,064.23
Billing Energy - kWh	88,314,126	86,407,327	92,195,001	93,672,814	82,962,738	87,013,876	76,451,927	74,308,463
Base Demand Charge	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97
Base Energy Charge	\$ 0.029710	\$ 0.029710	\$ 0.029710	\$ 0.029710	\$ 0.029710	\$ 0.029710	\$ 0.029710	\$ 0.029710
Base Demand Billing	\$ 2,758,876	\$ 2,705,497	\$ 2,808,339	\$ 2,827,885	\$ 2,713,765	\$ 2,684,126	\$ 2,509,231	\$ 2,471,012
Base Energy Billing	\$ 2,623,813	\$ 2,567,162	\$ 2,739,113	\$ 2,783,019	\$ 2,464,823	\$ 2,585,182	\$ 2,271,387	\$ 2,207,704
LPT Base Power Cost included in Rate	\$ 5,382,688	\$ 5,272,658	\$ 5,547,453	\$ 5,610,905	\$ 5,178,588	\$ 5,269,308	\$ 4,780,618	\$ 4,678,716
LPT Recoverable Power Cost	\$ 250,408	\$ 255,371	\$ 218,799	\$ 399,650	\$ 372,035	\$ 300,084	\$ 358,700	\$ 83,367
Actual LPT COPA Revenue Collected for Period	345,971.44	345,971.44	345,971.44	345,971.44	345,971.44	345,971.44	345,971.44	345,971.44
(Over)/Under Recovery	\$ (95,564)	\$ (90,600)	\$ (127,173)	\$ 53,679	\$ 26,064	\$ (45,887)	\$ 12,728	\$ (262,604)

POWDER RIVER ENERGY CORPORATION

ACTUAL PURCHASED POWER
FOR THE MONTHS TO BE INCLUDED IN RECONCILIATION OF COPA FOR LPT-CM CLASS

	<u>October 18</u>	<u>November</u>	<u>December</u>	<u>January 19</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>Total</u>
<u>Black Hills Electric</u>									
Energy - kWh	0	0	0	0	0				0
Billing	0.00	0.00	53,223.00	0.00	0.00				53,223.00
<u>WAPA</u>									
Metered Demand - kW	10,821	10,846	11,562	11,298	9,718	10,402	10,217	10,261	85,125
Metered Energy - kWh	7,007,274	7,007,274	7,670,685	7,463,369	5,741,215	6,772,195	6,273,805	6,679,170	54,614,987
<u>WAPA Billing Calculation</u>									
Demand Billing	48,146	48,998	47,635	47,840	40,038.09	42,857.78	42,093.48	42,274.29	359,882.66
Energy Billing	110,154.35	110,154.35	120,583.17	117,324.16	90,251.91	106,458.90	98,624.21	104,996.56	858,547.60
Total	158,300.06	159,152.23	168,218.61	165,164.16	130,289.99	149,316.68	140,717.69	147,270.85	1,218,430.26
<u>BASIN</u>									
Actual Billing kW	271,678	278,535	286,299	293,665	323,931	308,152	291,222	264,292	2,317,775
Billing Energy - kWh	175,832,071	179,967,642	192,461,404	194,576,959	188,911,405	198,036,896	176,520,953	169,796,235	1,476,103,564
<u>BASIN Billing Calculation</u>									
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	
Demand Billing	5,335,755.92	5,470,427.40	5,622,912.36	5,767,580.60	6,362,012.79	6,052,106.06	5,719,595.54	5,190,704.52	45,521,095.19
Fixed Charge 1	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	27,200.00
Energy Billing	5,700,475.74	5,834,550.95	6,239,598.72	6,308,185.01	6,124,507.74	6,420,356.16	5,722,809.28	5,504,793.93	47,855,277.53
Heat Rate Billing					12,000.00	12,000.00			24,000.00
Adder	19,627.33	19,627.33	19,627.33	19,627.33	19,627.33	19,627.33	19,627.33	19,627.33	157,018.64
Other	(10,589.67)	(290,586.07)	68,328.47	(40,111.32)	0.00	0.00	0.00	0.00	-272,958.59
Power Service Agrmt	34,282.97	44,038.21	46,144.81	44,379.86	37,505.00	37,505.00	37,505.00	37,505.00	318,865.85
Data Incentive Credit	(16,754.38)	(18,133.60)	(18,576.05)	(19,889.04)	(10,003.46)	(10,531.02)	(9,409.68)	(9,104.00)	-112,401.22
Total	11,066,197.91	11,063,324.22	11,981,435.64	12,083,172.44	12,549,049.40	12,534,463.53	11,493,527.48	10,746,926.78	93,518,097.40
<u>Western Division</u>									
Metered kW	8,921	8,883	9,257	9,821	9,289	9,036	7,972	8,209	71,387
Metered kWh	5,503,956	5,792,892	6,428,942	6,427,562	5,416,604	5,811,225	5,398,784	5,604,527	46,384,492
Demand Billing	175,208.44	174,462.12	181,807.48	192,884.44	182,426.63	177,459.03	156,579.69	161,221.08	1,402,048.90
Energy Billing	194,509.81	204,720.80	227,198.81	227,150.04	191,422.77	205,368.69	190,793.04	198,063.97	1,639,227.93
Energy Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	369,718.25	379,182.92	409,006.29	420,034.48	373,849.39	382,827.72	347,372.72	359,285.05	3,041,276.83
Subtotal Basin/Western	11,435,916.16	11,442,507.14	12,390,441.93	12,503,206.92	12,922,898.79	12,917,291.25	11,840,900.20	11,106,211.84	96,559,374.23
<u>Total System</u>									
Total Billing kW	291,420	298,264	307,118	314,784	342,938	327,590	309,411	282,762	2,474,287
Total kWh	188,343,301	192,767,808	206,561,031	208,467,890	200,069,224	210,620,316	188,193,542	182,079,932	1,577,103,043
Total Billing	11,594,216.21	11,601,659.37	12,611,883.54	12,668,371.08	13,053,188.79	13,066,607.93	11,981,617.89	11,253,482.69	97,831,027.49
Check	11,594,216.2	11,601,659.4	12,611,883.4	12,668,371.4	13,053,188.8	13,066,607.9	11,981,617.9	11,253,482.7	
Difference	-0.01	0.00	0.09	-0.27	0.00	0.00	0.00	0.00	

POWDER RIVER ENERGY CORPORATION

**ACTUAL POWER COST FOR LARGE POWER TRANS - (COAL MINES)
FOR THE MONTHS TO BE INCLUDED IN RECONCILIATION OF COPA FOR LPT-CM CLASS**

	<u>October 18</u>	<u>November</u>	<u>December</u>	<u>January 19</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>									
Total Basin Billing kW	271,678	278,535	286,299	293,665	323,931	308,152	291,222	264,292	2,317,775
LPT Billing kW	139,680	144,665	137,896	150,609	143,989	138,233	133,785	118,155	1,107,011
LPT kW as % of Total	51.41%	51.94%	48.17%	51.29%	44.45%	44.86%	45.94%	44.71%	47.76%
kWh Purchased	88,660,790	86,746,506	92,556,898	94,040,512	83,288,396	87,355,436	76,752,028	74,600,149	684,000,715
<u>Effective Basin Rate</u>									
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.032420	0.032420	0.032420	0.032420	0.032420	0.032420	0.032420	0.032420	
Fixed Charges/CP kW	0.110301	-0.867590	0.415386	0.025222	0.155986	0.162262	0.175545	0.194589	
Demand Billing	2,743,306	2,841,217	2,708,277	2,957,963	2,827,953	2,714,899	2,627,532	2,320,555	21,741,702
Energy Billing	2,874,383	2,812,322	3,000,695	3,048,793	2,700,210	2,832,063	2,488,301	2,418,537	22,175,303
Fixed Charges Billing	15,407	(125,510)	57,280	3,799	22,460	22,430	23,485	22,992	42,343
Total LPT	5,633,096	5,528,029	5,766,252	6,010,555	5,550,623	5,569,392	5,139,318	4,762,083	43,959,348
Check Sum	5,633,096	5,528,029	5,766,252	6,010,555	5,550,623	5,569,392	5,139,318	4,762,083	
Difference	(0)	0	(0)	(0)	0	0	0	0	