



# Wyoming Public Service Commission Utility Annual Report - Rural Electric Association 2017

Required Pursuant to WPSC Rule Chapter 3, Section 32

2515 Warren Avenue, Suite 300  
Cheyenne, WY 82002

<b>Exact legal name of reporting company:</b>	<b>Powder River Energy Corporation</b>
<b>Company docket number:</b>	<b>10014</b>
<b>Street address or P.O. box:</b>	<b>PO Box 930</b>
<b>City, state and ZIP code:</b>	<b>Sundance, WY 82729</b>
<b>Telephone number:</b>	<b>(307)283-3531</b>
<b>Fax number:</b>	<b>(307)283-3527</b>
<b>Website URL:</b>	<a href="http://www.precorp.coop">www.precorp.coop</a>
<b>Contact person:</b>	<b>Michael E Easley</b>
<b>Email address of contact person:</b>	<a href="mailto:mikee@precorp.coop">mikee@precorp.coop</a>

Report for the calendar year ended December 31, **2017**

### General Instructions

1. A completed annual report, including a copy of the notarized Oath and Verification page, shall be filed with the Wyoming Public Service Commission on or before May 1 following the year end to which this report applies.
2. Each inquiry contained in this report must be definitely answered.
3. Any material sought to be kept confidential must be mailed to the Wyoming Public Service Commission with a written request that the material be treated as confidential under Commission Rule Chapter 2, Section 30, Confidentiality of Information. All confidential information must be clearly labeled as such and printed on yellow paper.
4. Please contact the Wyoming Public Service Commission office at (307) 777-7427 if there are any questions concerning the content of this annual report.
5. Please provide Wyoming and Total Company numbers in the annual report. If Wyoming numbers equal Total Company numbers, please indicate such by including the numbers in both columns.

	Submission Date
Original Filing	4/30/2018
1st Revision	1/3/2019
2nd Revision	5/3/2019
3rd Revision	

## Company Information

Year of incorporation:	1945
Year company first began Wyoming operations:	1947
Business organization:	C-Corporation
Specify organization type if "Other":	
Total number of Wyoming customers as of December 31, 2017:	26,578

**Names of counties, cities and towns served by the company:**

Campbell, Crook, Johnson, Sheridan, and Weston Counties, including the towns and cities of Alva, Aladdin, Arvada, Beulah, Buckhorn, Carlile, Clearmont, Colony, Four Corners, Hulett, Kaycee, Leiter, Moorcroft, New Haven, Oshoto, Pine Haven, Recluse, Rozet, Saddle Sub, Sundance, Wright, Wyarno.

**Name of owning, controlling or operating corporation or organization:**

**Headquarters (H)**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Person to be contacted for additional information regarding Wyoming operations:**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Person to be contacted regarding Wyoming operation complaints (P):**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Person in charge of Wyoming regulatory affairs (R):**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Person in charge of Wyoming utility assessment affairs (S):**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Person to be contacted concerning this annual report (N):**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Person to be contacted concerning emergencies (E): (Provide a 24/7 contact telephone number.)**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone (24/7): (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

**Registered agent (G):**

Name: Michael E. Easley  
Address: PO Box 930  
City, State, ZIP Code: Sundance, WY 82729-0930  
Telephone: (307)283-3531  
Email: [mikee@precorp.coop](mailto:mikee@precorp.coop)

DON'T NEED

<b>Operating Managers</b>	
Report the name and title of each operating manager of the utility. Include such positions as general manager, director of operations, chief engineering manager, chief financial manager, office manager and director of customer service.	
Name	Title (and address if different from address on title page)
Michael E. Easley	Chief Executive Officer
Joanne Kolb	Chief Financial and Administration Officer
Doug Wilson	Chief Information and Strategy Execution Officer
Brian Mills	Deputy GM / Human Resources Officer
Quentin Rogers	Vice President of Engineering and Technical Services
Mike Pommarane	Senior Vice President of System Operations
Jeff Bumgarner	Vice President of Member Service

<b>Officers</b>	
Report the names and titles of the top six officers.	
Name	Title (and address if different from address on title page)
Walt Christensen	President
Philip Habeck	Vice President
Gerry Geis	Secretary / Treasurer

<b>Directors</b>	
Report the name and term of each person who held a directorship during any part of the reporting year.	
Name	Term (and address if different from address on title page)
Paul Baker II	1994-2018
Jim Baumgartner	2015-2018
Walt Christensen	1990-2020
Alison Gee	2017-2020
Gerry Geis	2013-2019
Philip Habeck	2001-2020
Pam Kinchen	1996-2018
Wade Larsen	2014-2017
Mike Lohse	2011-2018
Reuben Ritthaler	1983-2019
Bob Vergnani	2017-2017

<b>Wyoming Employees</b>		
Report the number of employees by classification.		
Classification	Number	Employer
Executive:	7	
Office:	51	
Field:	81	
Other:	12	
Total Wyoming employees:	151	

**Plant in Service**

Account Description	2016 Allocation Factor	2017 Allocation Factor	Wyoming					2017 Ending Balance
			2017 Beginning Balance	Additions	Retirements	Adjustments	Transfers	
Organizational Costs			\$ 368,367	\$ -	\$ -			\$ 368,367
Franchises			\$ -	\$ -	\$ -			\$ -
Land and Land Rights			\$ 7,785,886	\$ 194,570	\$ -			\$ 7,980,457
Buildings & Improvements			\$ 8,897,051	\$ 7,048	\$ -			\$ 8,904,099
Office Furniture & Equipment			\$ 5,749,931	\$ 248,246	\$ (4,568)			\$ 5,993,609
Transportation Equipment			\$ 3,842,279	\$ 72,556	\$ (134,416)			\$ 3,780,419
Tools & Other Work Equipment			\$ 15,585,835	\$ 2,153,309	\$ (748,479)			\$ 16,990,665
Engines & Generators			\$ -	\$ -	\$ -			\$ -
Other:			\$ (2,873,189)	\$ -	\$ -	\$ 2,910,063		\$ 36,874
<b>Subtotal General:</b>			<b>\$ 39,356,161</b>	<b>\$ 2,675,729</b>	<b>\$ (887,463)</b>	<b>\$ 2,910,063</b>	<b>\$ -</b>	<b>\$ 44,054,489</b>
Boiler Plant Equipment:								\$ -
Eng & Eng-Driven Equipment:								\$ -
Turbogenerator Units:								\$ -
Other Power Plant Equipment:								\$ -
<b>Subtotal Generation:</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Transmission Sub-Station Equipment			\$ 40,561,423	\$ 1,965,866	\$ (40,346)			\$ 42,486,943
Transmission Lines			\$ 28,545,023	\$ 319,762	\$ (95,118)			\$ 28,769,666
<b>Subtotal Transmission:</b>			<b>\$ 69,106,446</b>	<b>\$ 2,285,627</b>	<b>\$ (135,464)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 71,256,609</b>
Distribution Lines			\$ 146,274,354	\$ 4,966,784	\$ (1,334,616)			\$ 149,906,521
Distribution Substation Equipment			\$ 27,534,583	\$ 970,566	\$ (47,257)			\$ 28,457,892
Line Transformers			\$ 55,804,057	\$ 825,597	\$ (513,520)			\$ 56,116,135
Services			\$ 3,363,226	\$ 88,264	\$ (30,643)			\$ 3,420,848
Metering			\$ 19,867,063	\$ 353,683	\$ (242,509)			\$ 19,978,237
<b>Subtotal Distribution:</b>			<b>\$ 252,843,284</b>	<b>\$ 7,204,894</b>	<b>\$ (2,168,545)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 257,879,632</b>
<b>Total System</b>			<b>\$ 361,305,891</b>	<b>\$ 12,166,249</b>	<b>\$ (3,191,473)</b>	<b>\$ 2,910,063</b>	<b>\$ -</b>	<b>\$ 373,190,730</b>

Wyoming Plant in Service Notes:

No allocation factors are used in this section. The actual amounts for plant in service in Wyoming are found by subtracting actual plant in service in Montana from the total company plant in service for each line item.

**Plant in Service**

Total Company						
Account Description	2017 Beginning Balance	Additions	Retirements	Adjustments	Transfers	2017 Ending Balance
1 Organizational Costs	\$ 368,367	\$ -	\$ -			\$ 368,367
2 Franchises	\$ -	\$ -	\$ -			\$ -
3 Land and Land Rights	\$ 7,831,022	\$ 194,570	\$ -			\$ 8,025,592
4 Buildings & Improvements	\$ 8,897,051	\$ 7,048	\$ -			\$ 8,904,099
5 Office Furniture & Equipment	\$ 5,749,931	\$ 248,246	\$ (4,568)			\$ 5,993,609
6 Transportation Equipment	\$ 3,842,279	\$ 72,556	\$ (134,416)			\$ 3,780,419
7 Tools & Other Work Equipment	\$ 15,585,835	\$ 2,153,309	\$ (748,479)			\$ 16,990,665
8 Engines & Generators	\$ -	\$ -	\$ -			\$ -
9 Other:	\$ (2,873,189)		\$ -	\$ 2,910,063		\$ 36,874
10 <b>Subtotal General:</b>	<b>\$ 39,401,297</b>	<b>\$ 2,675,729</b>	<b>\$ (887,463)</b>	<b>\$ 2,910,063</b>	<b>\$ -</b>	<b>\$ 44,099,625</b>
11 Boiler Plant Equipment:						\$ -
12 Eng & Eng-Driven Equipment:						\$ -
13 Turbogenerator Units:						\$ -
14 Other Power Plant Equipment:						\$ -
15 <b>Subtotal Generation:</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
16 Transmission Sub-Station Equipment	\$ 40,707,463	\$ 2,165,473	\$ (40,346)			\$ 42,832,589
17 Transmission Lines	\$ 30,415,035	\$ 319,762	\$ (95,118)			\$ 30,639,679
18 <b>Subtotal Transmission:</b>	<b>\$ 71,122,498</b>	<b>\$ 2,485,234</b>	<b>\$ (135,464)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 73,472,268</b>
19 Distribution Lines	\$ 148,838,373	\$ 4,964,706	\$ (1,334,616)			\$ 152,468,462
20 Distribution Substation Equipment	\$ 30,328,138	\$ 1,027,955	\$ (47,257)			\$ 31,308,836
21 Line Transformers	\$ 56,161,080	\$ 813,823	\$ (513,520)			\$ 56,461,383
22 Services	\$ 3,392,558	\$ 88,264	\$ (30,643)			\$ 3,450,179
23 Metering	\$ 19,952,704	\$ 353,542	\$ (242,509)			\$ 20,063,737
24 <b>Subtotal Distribution:</b>	<b>\$ 258,672,852</b>	<b>\$ 7,248,290</b>	<b>\$ (2,168,545)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 263,752,597</b>
25 <b>Total System</b>	<b>\$ 369,196,647</b>	<b>\$ 12,409,253</b>	<b>\$ (3,191,473)</b>	<b>\$ 2,910,063</b>	<b>\$ -</b>	<b>\$ 381,324,490</b>

Total Company Plant in Service Notes:

No allocation factors are used for this section.

**Reserve for Depreciation**

		Wyoming							
	Annual Depr. Rate	2017 Beginning Balance	Depreciation Expense	Book Cost of Plant Retired	Cost of Removal or Retirement	Salvage	Adjustments	Transfers	2017 Ending Balance
1									
2									
3									
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24									
25									
26									

Wyoming Reserve for Depreciation Notes:

Tools and other equipment are comprised of 6 separate classes of assets, all with different depreciation rates. The annual depreciation rate given for that category is the weighted average rate according to the ending balance for those classes, or 10.474%. Transportation Equipment - Light use and Line Operations vehicles have a salvage value of 15% of the original cost of the unit and Small Power Operating Chassis have a salvage value of 20% of the original cost. All other types of transportation equipment are assigned no salvage value.

**Reserve for Depreciation**

Total Company								
Account Description	2017 Beginning Balance	Depreciation Expense	Book Cost of Plant Retired	Cost of Removal or Retirement	Salvage	Adjustments	Transfers	2017 Ending Balance
Organizational Costs	\$ 157,119	\$ 14,730	\$ -					\$ 171,849
Franchises	\$ -	\$ -	\$ -					\$ -
Land and Land Rights	\$ 3,132,769	\$ 131,923	\$ -			\$ (190,783)		\$ 3,073,909
Buildings & Improvements	\$ 5,245,688	\$ 246,607	\$ -					\$ 5,492,294
Office Furniture & Equipment	\$ 4,982,267	\$ 335,421	\$ (4,568)					\$ 5,313,120
Transportation Equipment	\$ 2,434,451	\$ 310,828	\$ (98,054)					\$ 2,647,225
Tools & Other Work Equipment	\$ 9,108,473	\$ 1,505,830	\$ (652,574)					\$ 9,961,729
Engines & Generators	\$ -	\$ -	\$ -					\$ -
Other	\$ (139,843)	\$ -	\$ -					\$ (92,582)
<b>Subtotal General:</b>	<b>\$ 24,920,924</b>	<b>\$ 2,545,338</b>	<b>\$ (755,196)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (190,783)</b>	<b>\$ -</b>	<b>\$ 26,567,544</b>
Boiler Plant Equipment								\$ -
Eng & Eng-Driven Equipment								\$ -
Turbogenerator Units								\$ -
Other Power Plant Equipment								\$ -
<b>Subtotal Generation:</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Transmission Sub-Station Equipment	\$ 34,965,775	\$ 3,335,395	\$ (230,696)			\$ 30,075		\$ 38,100,549
Transmission Lines								\$ -
<b>Subtotal Transmission:</b>	<b>\$ 34,965,775</b>	<b>\$ 3,335,395</b>	<b>\$ (230,696)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,075</b>	<b>\$ -</b>	<b>\$ 38,100,549</b>
Distribution Lines	\$ 109,172,747	\$ 5,284,904	\$ 164,051			\$ 160,708		\$ 114,782,409
Distribution Substation Equipment								\$ -
Line Transformers								\$ -
Services								\$ -
Metering								\$ -
<b>Subtotal Distribution:</b>	<b>\$ 109,172,747</b>	<b>\$ 5,284,904</b>	<b>\$ 164,051</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 160,708</b>	<b>\$ -</b>	<b>\$ 114,782,409</b>
<b>Total System</b>	<b>\$ 169,059,447</b>	<b>\$ 11,165,636</b>	<b>\$ (821,842)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 179,450,503</b>

Total Company Reserve for Depreciation Notes:

Tools and other equipment are comprised of 6 separate classes of assets, all with different depreciation rates. The annual depreciation rate given for that category is the weighted average rate according to the ending balance for those classes, or 10.474%. Transportation Equipment - Light use and Line Operations vehicles have a salvage value of 15% of the original cost of the unit and Small Power Operating Chassis have a salvage value of 20% of the original cost. All other types of transportation equipment are assigned no salvage value.



### Balance Sheet - Assets & Other Debits

	2017 Allocation Factor	Wyoming		Total Company	
		2017 Beginning Balance	2017 Ending Balance	2017 Beginning Balance	2017 Ending Balance
1 Total Utility Plant in Service	Actual	\$ 361,305,891	\$ 373,190,730	\$ 369,196,647	\$ 381,324,490
2 Construction Work in Progress	Actual	\$ 7,105,313	\$ 7,336,344	\$ 7,391,740	\$ 7,546,815
3 Total Utility Plant		\$ 368,411,204	\$ 380,527,075	\$ 376,588,387	\$ 388,871,304
4 Accumulated Provision for Depreciation and Amortization	Other	\$ 165,804,249	\$ 176,122,965	\$ 169,059,447	\$ 179,450,503
5 Net Utility Plant		\$ 202,606,956	\$ 204,404,110	\$ 207,528,940	\$ 209,420,802
6 Non-Utility Property (Net)	Actual	\$ 133,202	\$ 122,436	\$ 133,202	\$ 122,436
7 Investments in Subsidiary Companies		\$ -	\$ -	\$ -	\$ -
8 Investments in Assoc Org - Patronage Capital	Plant	\$ 126,972,309	\$ 129,135,159	\$ 129,748,936	\$ 131,945,600
9 Invest in Assoc Org - Other - General Funds		\$ -	\$ -	\$ -	\$ -
10 Invest in Assoc Org- Other - Nongeneral Funds	Actual	\$ 2,705,733	\$ 2,691,415	\$ 2,705,733	\$ 2,691,415
11 Investments in Economic Development Projects		\$ -	\$ -	\$ -	\$ -
12 Other Investments	Actual	\$ 855,566	\$ 874,043	\$ 855,566	\$ 874,043
13 Special Funds	Other	\$ 26,333,066	\$ 26,837,937	\$ 26,877,447	\$ 27,389,701
14 Total Other Property & Investments		\$ 156,999,875	\$ 159,660,990	\$ 160,320,883	\$ 163,023,195
15 Cash - General Funds	Actual	\$ 7,507,473	\$ 4,294,755	\$ 7,507,473	\$ 4,294,755
16 Cash - Construction Funds - Trustee	Actual	\$ 400	\$ 400	\$ 400	\$ 400
17 Special Deposits		\$ -	\$ -	\$ -	\$ -
18 Temporary Investments	Actual	\$ 38,932,321	\$ 43,868,905	\$ 38,932,321	\$ 43,868,905
19 Notes Receivable (Net)		\$ -	\$ -	\$ -	\$ -
20 Accounts Receivable - Sales of Energy (Net)	Other	\$ 15,250,248	\$ 17,139,557	\$ 15,890,444	\$ 17,888,730
21 Accounts Receivable - Other (Net)	Actual	\$ 375,787	\$ 625,604	\$ 375,787	\$ 625,604
22 Fuel Stock		\$ -	\$ -	\$ -	\$ -
23 Materials and Supplies	Actual	\$ 6,626,794	\$ 6,531,808	\$ 6,626,794	\$ 6,531,808
24 Prepayments	Actual	\$ 448,464	\$ 403,627	\$ 448,464	\$ 403,627
25 Other Current and Accrued Assets	Actual	\$ 17,816	\$ 55,403	\$ 17,816	\$ 55,403
26 Total Current and Accrued Assets		\$ 69,159,303	\$ 72,920,059	\$ 69,799,499	\$ 73,669,232
27 Unamortized Debt Discount & Extraordinary Property Losses		\$ -	\$ -	\$ -	\$ -
28 Regulatory Assets	Actual	\$ -	\$ -	\$ -	\$ -
29 Other Deferred Debits	Actual	\$ 763,129	\$ 511,027	\$ 763,129	\$ 511,027
30 Accumulated Deferred Income Taxes		\$ -	\$ -	\$ -	\$ -
31 <b>Total Assets &amp; Other Debits</b>		<b>\$ 429,529,263</b>	<b>\$ 437,496,185</b>	<b>\$ 438,412,452</b>	<b>\$ 446,624,256</b>

Notes:

The allocation factors used for multiple line items in this Balance Sheet, both Assets and Liabilities, are the revenue factor and the plant factor. The 2017 Revenue Factor = 1 - (Montana Revenue / Total Sales Revenue) = 1 - (\$7,109,727/\$191,161,757)=3.72%. The 2017 Plant Factor = 1 - (Montana Plant / Total Plant) = 1 - (\$8,133,759/\$381,324,490) = 2.13%. This compares to the 2015 Revenue factor of 3.88% and 2016 Plant Factor of 2.14%. The line items that are listed as "actual" are calculated with actual known data and not by allocation factors. The Accumulated Provision for Depreciation and Amortization uses the amount from the "5. Reserve for Depreciation" tab. Special Funds, line 13, is calculated using both the plant and revenue allocation factors on different funds that add up to the total shown. Accounts Receivable - Sales of Energy (net), line 20, has a factor of 1 - (Montana Sales in December / Total Sales in December).

**Balance Sheet - Liabilities, Equity & Credits**

Account Description	2017 Allocation Factor	Wyoming		Total Company	
		2017 Beginning Balance	2017 Ending Balance	2017 Beginning Balance	2017 Ending Balance
1 Memberships		\$ -	\$ -	\$ -	\$ -
2 Patronage Capital	Actual	\$ 190,563,430	\$ 193,095,353	\$ 196,362,425	\$ 198,523,896
3 Operating Margins - Prior Years		\$ -	\$ -	\$ -	\$ -
4 Operating Margins - Current Year	Revenue	\$ 13,948,459	\$ 7,790,933	\$ 14,427,451	\$ 8,091,954
5 Non-Operating Margins	Revenue	\$ 1,973,962	\$ 4,387,555	\$ 2,041,748	\$ 4,557,078
6 Other Margins and Equities	Revenue	\$ 3,095,620	\$ 6,597,707	\$ 3,201,924	\$ 6,852,625
7 Total Margins & Equities		\$ 209,581,471	\$ 211,871,548	\$ 216,033,547	\$ 218,025,553
8 Long-Term Debt - RUS (Net)	Plant	\$ 38,083,557	\$ 35,774,128	\$ 38,916,367	\$ 36,552,701
9 Long-Term Debt - FFB - RUS Guaranteed	Plant	\$ 125,659,446	\$ 122,231,545	\$ 125,659,446	\$ 122,231,545
10 Long-Term Debt - Other - RUS Guaranteed		\$ -	\$ -	\$ -	\$ -
11 Long-Term Debt - Other (Net)	Plant	\$ 9,121,668	\$ 7,441,815	\$ 9,321,140	\$ 7,603,775
12 Long-Term Debt - RUS - Econ Development (Net)		\$ -	\$ -	\$ -	\$ -
13 Payments - Unapplied	Plant	\$ (25,036,893)	\$ (14,653,442)	\$ (25,036,893)	\$ (14,653,442)
14 Total Long Term Debt		\$ 147,827,778	\$ 150,794,046	\$ 148,860,060	\$ 151,734,579
15 Obligations Under Capital Leases - Noncurrent	Actual	\$ 29,885	\$ 21,490	\$ 29,885	\$ 21,490
16 Accumulated Operating Provisions & Asset Retirement Obligations	Actual	\$ 4,607,150	\$ 2,911,970	\$ 4,607,150	\$ 2,911,970
17 Total Other Non-current Liabilities		\$ 4,637,035	\$ 2,933,460	\$ 4,637,035	\$ 2,933,460
18 Notes Payable		\$ -	\$ -	\$ -	\$ -
19 Accounts Payable	Actual	\$ 14,587,356	\$ 15,700,104	\$ 14,587,356	\$ 15,700,104
20 Consumers Deposits	Actual	\$ 11,846,970	\$ 13,038,145	\$ 12,156,538	\$ 13,941,374
21 Current Maturities Long-Term Debt	Plant	\$ 7,042,750	\$ 7,318,956	\$ 7,196,761	\$ 7,478,243
22 Current Maturities Long-Term Debt - Rural Development		\$ -	\$ -	\$ -	\$ -
23 Current Maturities - Capital Leases		\$ -	\$ -	\$ -	\$ -
24 Taxes Accrued		\$ -	\$ -	\$ -	\$ -
25 Interest Accrued		\$ -	\$ -	\$ -	\$ -
26 Other Current and Accrued Liabilities	Actual	\$ 4,057,503	\$ 3,983,702	\$ 4,071,161	\$ 3,999,114
27 Total Current & Accrued Liabilities		\$ 37,534,580	\$ 40,040,907	\$ 38,011,817	\$ 41,118,835
28 Regulatory Liabilities	Revenue	\$ 3,087,606	\$ 4,889,859	\$ 3,193,634	\$ 5,078,790
29 Other Deferred Credits	Other	\$ 26,860,794	\$ 26,966,364	\$ 27,676,359	\$ 27,733,039
30 Accumulated Deferred Income Taxes		\$ -	\$ -	\$ -	\$ -
31 <b>Total Liabilities and Other Credits</b>		<b>\$ 429,529,263</b>	<b>\$ 437,496,185</b>	<b>\$ 438,412,452</b>	<b>\$ 446,624,256</b>

Notes:

The allocation factors used for multiple line items in this Balance Sheet, both Assets and Liabilities, are the revenue factor and the plant factor. The 2017 Revenue Factor = 1 - (Montana Revenue / Total Sales Revenue) = 1 - (\$7,109,727/\$191,161,757)=3.72%. The 2017 Plant Factor = 1 - (Montana Plant / Total Plant) = 1 - (\$8,133,759/\$381,324,490) = 2.13%. This compares to the 2015 Revenue factor of 3.88% and 2016 Plant Factor of 2.14%. The line items that are listed as "actual" are calculated with actual known data and not by allocation factors. Other Deferred Credits, line 29, uses both the revenue factor and actual amounts in part.

**Long-Term Debt**  
W.S. § 37-6-101 defines long-term debt as any debt with a term greater than 18 months.

	Organization	Authorizing Docket	Issue Date	Maturity Date	Face Amount Authorized	Total Amount Issued	Interest Rate
1	RUS - 1B520	10014-71-CS-04 (AA44)	12/1/03	12/1/23	\$ 9,306,000	\$ 9,306,000	4.640%
2	RUS - 1B521	10014-71-CS-04 (AA44)	12/1/03	12/1/23	\$ 6,529,000	\$ 6,529,000	4.850%
3	RUS - 1B522	10014-71-CS-04 (AA44)	12/1/03	12/1/23	\$ 7,783,000	\$ 7,783,000	4.280%
4	RUS - 1B530	10014-71-CS-04 (AA44)	12/1/03	12/1/38	\$ 12,940,000	\$ 12,940,000	4.690%
5	RUS - 1B531	10014-71-CS-04 (AA44)	12/1/03	12/1/38	\$ 13,389,000	\$ 13,389,000	4.720%
6	RUS - 1B532	10014-71-CS-04 (AA44)	12/1/03	12/1/38	\$ 9,490,000	\$ 9,490,000	4.430%
7	FFB - H0020	10014-95-CS-7	12/12/08	12/31/35	\$ 23,885,000	\$ 23,885,000	3.245%
8	FFB - F0025	10014-117-CS-10	9/15/10	1/3/45	\$ 50,000,000	\$ 50,000,000	3.602%
9	FFB - F0030	10014-117-CS-10	8/2/11	1/3/45	\$ 18,300,000	\$ 18,300,000	3.821%
10	FFB - F0035	10014-117-CS-10	1/16/15	1/3/45	\$ 28,246,000	\$ 28,246,000	2.232%
11	FFB - F0040	10014-117-CS-10	1/16/15	1/3/45	\$ 3,711,000	\$ 3,711,000	2.232%
12	FFB - F0045	10014-117-CS-10	1/15/16	1/3/45	\$ 17,604,000	\$ 17,604,000	2.622%
13	CFC - 9007001	unknown	9/1/89	3/1/19	\$ 3,800,000	\$ 3,800,000	6.100%
14	CFC - 9009001	unknown	6/1/92	8/31/22	\$ 497,000	\$ 497,000	6.100%
15	CoBank - RI0323T03	10014-138-CS-12	4/30/12	3/20/34	\$ 14,416,735	\$ 14,416,735	3.670%
16	Basin Electric	10014-79-CS-5	7/11/05	12/31/27	\$ 1,000,000	\$ 1,000,000	1.000%
17	FFB authorized but not yet borrowed	10014-95-CS-07			\$ 55,750,000		
18							
19							
20							
21							
22							
23							
24							
25							
50	<b>Total</b>				<b>\$ 276,646,735</b>	<b>\$ 220,896,735</b>	

Notes 1:

All known authorizing docket numbers are listed. Some of the older docket numbers could not be located and are listed as unknown.

<b>Long-Term Debt</b> W.S. § 37-6-101 defines long-term debt as any debt with a term greater than 18 months.		Total Company						
		Debt Issuance Cost		Interest Accrued	Interest Paid During Year	Principal Paid During Year	Outstanding Balances	
		Original Amount	Unamortized Amount				Year Beginning	Year Ending
Organization								
1	RUS - 1B520				\$ 196,868	\$ 566,969	\$ 4,504,025	\$ 3,937,056
2	RUS - 1B521				\$ 147,800	\$ 403,770	\$ 3,228,292	\$ 2,824,521
3	RUS - 1B522				\$ 161,760	\$ 511,625	\$ 4,013,592	\$ 3,501,967
4	RUS - 1B530				\$ 488,698	\$ 283,044	\$ 10,550,324	\$ 10,267,280
5	RUS - 1B531				\$ 511,653	\$ 293,294	\$ 10,975,143	\$ 10,681,849
6	RUS - 1B532				\$ 345,140	\$ 218,566	\$ 7,891,571	\$ 7,673,004
7	FFB - H0020				\$ 598,907	\$ 738,442	\$ 18,790,309	\$ 18,051,868
8	FFB - F0025				\$ 1,623,294	\$ 985,272	\$ 45,572,991	\$ 44,587,719
9	FFB - F0030				\$ 632,645	\$ 349,838	\$ 16,738,728	\$ 16,388,889
10	FFB - F0035				\$ 595,609	\$ 718,147	\$ 27,034,417	\$ 26,316,270
11	FFB - F0040				\$ 78,252	\$ 94,351	\$ 3,551,821	\$ 3,457,469
12	FFB - F0045				\$ 447,754	\$ 433,615	\$ 17,290,845	\$ 16,857,230
13	CFC - 9007001				\$ 33,057	\$ 293,615	\$ 686,534	\$ 392,919
14	CFC - 9009001				\$ 9,483	\$ 25,509	\$ 170,188	\$ 144,679
15	CoBank - RI0323T03				\$ 314,634	\$ 1,311,394	\$ 9,094,935	\$ 7,783,541
16	Basin Electric				\$ 10,000	\$ -	\$ 1,000,000	\$ 1,000,000
17	FFB authorized but not yet borrowed							
18								
19								
20								
21								
22								
23								
24								
25								
50	<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,195,553</b>	<b>\$ 7,227,451</b>	<b>\$ 181,093,714</b>	<b>\$ 173,866,263</b>

Total minimum principle payments required for 2017: \$ 7,227,451

Notes 2:

Interest Expense on Long Term Debt, included in the statement of operations, includes interest on capital leases totaling \$400, but does not include the \$10,000 interest paid for the Basin Economic Development loan, which reconciles the difference between column L, Interest Paid During the Year, plus interest accrued, and the Statement of Operations, line 15.

## Statement of Operations

	Wyoming	Total Company
1 Operating Revenue & Patronage Capital	\$ 183,972,716	\$ 191,161,757
2 Power Production Expense	\$ -	\$ -
3 Cost of Purchased Power	\$ 144,007,302	\$ 150,153,057
4 Transmission Expense	\$ 1,624,126	\$ 1,659,524
5 Distribution Expense-Operation	\$ 6,393,286	\$ 6,532,629
6 Distribution Expense-Maintenance	\$ 4,464,912	\$ 4,562,225
7 Consumer Accounts Expense	\$ 2,397,063	\$ 2,449,307
8 Customer Service & Informational Expense	\$ 64,938	\$ 66,354
9 Sales Expense	\$ 3,337	\$ 3,409
10 Administrative and General Expense	\$ 6,219,475	\$ 6,355,030
11 Total Operation and Maintenance Expense	\$ 165,174,438	\$ 171,781,535
12 Depreciation & Amortization Expense	\$ 10,845,917	\$ 11,067,147
13 Tax Expense - Property & Gross Receipts	\$ 457,872	\$ 457,872
14 Tax Expense - Other	\$ 50,535	\$ 65,947
15 Interest on Long-term Debt	\$ 6,054,005	\$ 6,185,953
16 Interest Charged to Construction - Credit	\$ -	\$ -
17 Interest Expense - Other	\$ 424,775	\$ 434,033
18 Other Deductions	\$ 266,187	\$ 276,470
19 Total Cost of Electric Service	\$ 183,273,729	\$ 190,268,957
20 Patronage Capital & Operating Margins	\$ 698,987	\$ 892,800
21 Non-operating Margins - Interest	\$ 1,748,180	\$ 1,815,711
22 Allowance for Funds Used During Construction	\$ -	\$ -
23 Income (Loss) from Equity Investments	\$ -	\$ -
24 Non-operating Margins - Other	\$ 2,613,439	\$ 2,714,393
25 Generation & Transmission Capital Credits	\$ 6,717,344	\$ 6,976,828
26 Other Capital Credits & Patronage Dividends	\$ 240,029	\$ 249,301
27 Extraordinary Items	\$ -	\$ -
28 Patronage Capital or Margins	\$ 12,017,979	\$ 12,649,033
29		
30 Patronage Capital Cash Received	\$ 4,799,503	\$ 4,984,903

Notes:

In 2017, PRECorp deferred \$1,400,000.

### Customer Counts, Operating Revenues, Demand and Energy Delivered

Title of Account	Wyoming				Total Company Revenue
	Average Customer Count	Revenue	Demand and Energy Delivered		
			KW	kWh	
<b>1 Sales of Electricity</b>					
2 Residential Sales (440)	18,242	\$ 24,490,745	0.0	214,865,603	\$ 24,591,157
3 440.1 Residential Sales - Excluding Seasonal	14,873	\$ 22,291,567		203,107,207	\$ 22,353,755
4 440.2 Residential Sales - Seasonal	3,369	\$ 2,199,178		11,758,396	\$ 2,237,401
5 441 Irrigation Sales	233	\$ 590,264		4,765,642	\$ 596,223
6 Commercial Sales (442.x)	8,018	\$ 65,865,289	0.0	683,765,645	\$ 66,146,898
7 442.1x Commercial Sales - 1000 kVA or Less	8,018	\$ 65,865,289		683,765,645	\$ 66,146,898
8 442.2x Commercial Sales - Greater than 1000 kVA					
9 Industrial Sales (442.y)	53	\$ 90,977,024	0.0	1,276,289,572	\$ 97,697,725
10 442.1y - Industrial Sales - 1000 kVA or Less					
11 442.2y - Industrial Sales - Greater than 1000 kVA	53	\$ 90,977,024		1,276,289,572	\$ 97,697,725
12 Public Street and Highway Lighting (444)	28	\$ 96,528		921,392	\$ 96,528
13 Other Sales to Public Authorities (445)					
14 Sales to Railroads and Railways (446)					
15 Interdepartmental Sales (448)					
<b>16 TOTAL Electric Sales</b>	<b>26,574</b>	<b>\$ 182,019,851</b>	<b>0.0</b>	<b>2,180,607,854</b>	<b>\$ 189,128,531</b>
17 Sales for Resale (447)	2	\$ 55,628	0.0	930,540	\$ 55,628
18 447.1 Sales for Resale - RUS Borrowers	2	\$ 55,628		930,540	\$ 55,628
19 447.2 Sales for Resale - Other					
<b>20 TOTAL Sales of Electricity</b>	<b>26,576</b>	<b>\$ 182,075,478</b>	<b>0.0</b>	<b>2,181,538,394</b>	<b>\$ 189,184,159</b>
21 Provision for Rate Refunds (449.1)					
<b>22 TOTAL Revenues Net of Provision for Refunds</b>	<b>26,576</b>	<b>\$ 182,075,478</b>	<b>0.0</b>	<b>2,181,538,394</b>	<b>\$ 189,184,159</b>
<b>23 Other Operating Revenues</b>					
24 Forfeited Discounts (450)					
25 Miscellaneous Service Revenues (451)		\$ 37,038			\$ 38,469
26 Sales of Water and Water Power (453)		\$ -			\$ -
27 Rent from Electric Property (454)		\$ 112,542			\$ 112,980
28 Interdepartmental Rents (455)		\$ -			\$ -
29 Other Electric Revenues (456)		\$ 0			\$ 129,515
30 Revenues from Transmission of Electricity of Others (456.1)		\$ 2,766,914			\$ 2,766,914
31 Regional Transmission Service Revenues (457.1)		\$ -			\$ -
32 Miscellaneous Revenues (457.2)		\$ (1,019,256)			\$ (1,070,279)
<b>33 TOTAL Other Operating Revenues</b>		<b>\$ 1,897,238</b>			<b>\$ 1,977,598</b>
<b>34 TOTAL Electric Operating Revenues</b>	<b>26,576</b>	<b>\$ 183,972,716</b>	<b>0.0</b>	<b>2,181,538,394</b>	<b>\$ 191,161,757</b>

Energy Sales and Use Summary	kWh
35 Total Sales to Customers	2,274,852,976
36 Energy Furnished without Charge	0
37 Company Use (Excluding Station Use)	2,420,893
38 Energy Losses	78,632,754
<b>39 Total</b>	<b>2,355,906,623</b>

Notes:

The demand billing units for the entire year was 3,698,398 kW. The system peak demand for 2017 was in January, a demand of 367,089. The demand was not tracked by consumer class.

### Rate Base and Return on Rate Base

	Description	Wyoming
1	<b>Rate Base Additions</b>	
2	Plant in Service	\$ 380,527,075
3	Plant Held for Future Use	\$ -
4	Prepayments	\$ 999,315
5	Materials and Supplies	\$ 6,489,084
6	Cash Working Capital	\$ 2,645,892
7	Deferred Debits	\$ -
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18	<b>Subtotal of Rate Base Additions</b>	<b>\$ 390,661,366</b>
19		
20	<b>Rate Base Deductions</b>	
21	Accumulated Provision for Depreciation	\$ 172,581,155
22	Accumulated Provision for Amortization	\$ 3,436,541
23	Accumulated Deferred Income Tax	\$ -
24	Consumer Advances for Construction	\$ 1,107,887
25	Consumer Deposits	\$ 13,905,966
26	Consumer Energy Prepayments	\$ 53,767
27	Deferred Credits	\$ -
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38	<b>Subtotal of Rate Base Deductions</b>	<b>\$ 191,085,316</b>
39	<b>Total Rate Base</b>	<b>\$ 199,576,050</b>
40		
41	<b>Actual Results</b>	
42	Net Utility Operating Income	\$ 183,972,716
43	Rate of Return on Rate Base	3.730%
44	Rate of Return on Equity	3.512%
45	Operating Expense Ratio	0.898
46	Capital Structure - Percent Debt	51.559%
47	Capital Structure - Percent Equity	48.441%
48	Operating Times Interest Earned Ratio (OTIER)	
49	Rural Utilities Service OTIER (RUS OTIER)	1.912
50	Net Times Interest Earned Ratio (NTIER)	2.985
51	Operating Debt Service Coverage Ratio (ODSC)	1.706
52	Net Debt Service Coverage Ratio (NDSC)	2.201
53	Modified Debt Service Coverage Ratio (MDSC)	1.839
54	<b>Authorized Metrics</b>	
55	Rate of Return on Rate Base	N/A
56	Rate of Return on Equity	N/A
57	Rural Utilities Service OTIER (RUS OTIER)	1.500
58	Capital Structure - Percent Debt	N/A
59	Capital Structure - Percent Equity	N/A
60	Cost of Debt in Capital Structure	N/A
61	Docket No. of Authorization	10014-168-CR-16
62	Effective Date	1/1/2017

Notes:

### **Rate Base and Return on Rate Base**

Lines 55, 56, 58-60 are marked N/A because the Commission's order in our last general rate case, Docket No. 10014-168-CR-16, did not include an authorized rate of return on rate bases, rate of return on equity, operating ratio, or capital structure ratios. Our rate case was based on cost of service, and provided the Cooperative with sufficient operating margins to maintain the financial integrity and meet the coverage ratios required by RUS financings. The Commission's order stated "We find that the proposed 1.50 OTIER is a reasonable response to the declining energy market and should provide an opportunity for PRECorp to maintain the financial health needed to satisfy its lenders."



**Electric Utility Load and Resources Report (Wyoming System Only)**

**Peak Wyoming System Demands and Annual Energy**

Reported data are:  Actual Data (If actual data are not available, provide the basis for the estimates in the notes section.)

Year	Summer (April - September)		Winter (October - March)		Annual Energy kWh
	Month	KW	Month	KW	
2014	April	369,910	February	415,086	2,754,238,554
2015	April	357,150	January	407,573	2,608,053,089
2016	April	293,092	December	347,927	2,258,124,605
2017	April	292,567	January	367,089	2,246,430,719
2018	September	291,616	January	346,541	2,167,500,557
2019	April	293,286	February	341,629	2,170,261,418
2020	April	288,202	January	324,945	2,131,797,418

Notes:

Data is actual through 2017. Budgeted data is used for 2018, and forecasted data from our current Basin Load Forecast is used for 2019-2020. Restated 2014-2016 to remove Montana kWh. Used 2017 Montana actual kWh to reduce 2018-2020.

**2017 Peak Day**

Date	4-Jan
Time	21:30 CST
KW Reading	355,254.0

Notes:

Our coincident peak is determined by Basin Electric using a 30 minute interval demand.

**Sources of Electricity**

Year	Owned Generation										Total Owned Generation	
	Steam Generation		Hydro Generation		Internal Combustion Engine		Wind Generation		Other Generation		KW	kWh
	KW	kWh	KW	kWh	KW	kWh	KW	kWh	KW	kWh		
2014											0.0	0
2015											0.0	0
2016											0.0	0
2017											0.0	0

Year	Purchased Power	
	KW	kWh
2014	4,453,952.0	2,861,939,346
2015	4,258,279.0	2,714,491,112
2016	3,667,882.0	2,339,745,301
2017	3,698,398.0	2,356,649,467

Notes:

**Power Purchase Contracts**

Supplier	2017 KW Purchases	2017 kWh Purchases	Contract Expiration Date
Members 1st Power Cooperative	3,557,234.0	2,273,882,811	12/31/2075
Members 1st Power Cooperative - WAPA	141,164.0	82,023,812	12/31/2075
Black Hills Electric Cooperative		738,758	Year to Year
Small Power Production		4,086	Year to Year
Totals	3,698,398.0	2,356,649,467	

Power Purchase Contracts Notes, page 1

Black Hills Electric Cooperative bills on energy usage, and not demand. Therefore, the kW purchases are not available from Black Hills Electric Cooperative. The Small Power Production rate is billed by energy coming into the system, and not demand. The kW purchases are not available for the Small Power Production purchases.

**Electric Transmission and Distribution Plant (Wyoming Only)**

Note: Use Wyoming-specific data only. For substations with multiple transformer banks, please use a separate line for each bank and note if the number of circuits listed is for the transformer bank or for the substation.

Transmission and subtransmission lines:	
Nominal Voltage	Miles of Line
34.5	26.90
69	574.60
230	63.40

Primary underground distribution lines:	
Nominal Voltage	Miles of Line
2.4/4.16	0.15
7.2	60.80
12	22.90
14.4/24.9	354.80

Primary overhead distribution lines:	
Nominal Voltage	Miles of Line
7.2	1,310.70
12	33.30
14.4/24.9	8,196.40

**Meters in Service in Wyoming**

Phase	Total Meters in Service	Advanced Meters in Service	Types of Advanced Meters in Service
Single Phase:	21,438	21,438	Landis and Gyr TS1 AMR
Three Phase:	5,446	5,446	Landis and Gyr TS1 AMR 5,388 Meters; Landis and Gyr RF AMI 58 Meters
Instrument Rated Phase:	2,169	2,169	Landis and Gyr TS1 AMR 2,111 Meters; Landis and Gyr RF AMI 58 Meters

Notes:

### Electric Transmission and Distribution Plant (Wyoming Only)

Note: Use Wyoming-specific data only. For substations with multiple transformer banks, please use a separate line for each bank and note if the number of circuits listed is for the transformer bank or for the substation.

#### Distribution Substations in Wyoming

	Name of Distribution Substation	Primary Voltage - Secondary Voltage	Section Township Range (i.e. 26-20-84)	Number of Circuits	Transformers by Voltage	Nameplate Capacity of Transformers by Voltage	Peak Loading of Transformers for Reporting Year
20	Adon	69 - 24.9	52-70-11 NESE	3	69 - 24.9/14.4	10,500.0	5,899.2
21	Arvada	69 - 24.9	54-76-02 NWNW	4	69 - 24.9/14.4	10,500.0	1,310.4
22	Baker	69 - 7.2	54-67-14 SENE	1	67x33.5 - 7.2	500.0	3.6
23	Barber Creek	69 - 24.9	48-75-05 NENE	4	66 - 24.9/14.4	22,400.0	10,224.0
24	BFP-1	69 - 4.16	50-68-19 SESE	1	69 - 4.16/2.4	2,500.0	1,104.0
25	Bonepile	69 - 24.9	49-73-26 SWSW	4	69 - 24.9/14.4	28,000.0	9,350.4
26	Butte	69 - 4.16	54-66-16 SWNW	1	69x34.5 - 4.16/2.4	4,857.0	1,803.0
27	Carr Draw	69 - 24.9	50-75-08 NESE	4	69 - 24.9/14.4	28,000.0	6,489.6
28	Clear Creek	69 - 24.9	51-81-09 NWSW	1	69 - 24.9/14.4	10,500.0	1,353.6
29	Clear Creek Addition	69 - 24.9	51-81-09 NWSW	1	69 - 24.9/14.4	10,500.0	3,074.4
30	Conoco	69 - 4.16	43-81-11 SESW	1	67 - 4.16/2.4	3,500.0	2.4
31	Decker	69 - 24.9	09-40-22 NWSW	2	67x34.5 - 24.9/14.4	28,000.0	760.0
32	Dillinger	69 - 24.9	47-69-07 NWNE	3	69 - 24.9/14.4	10,500.0	4,248.0
33	Dry Fork	69 - 24.9	51-72-13 SWSW	2	67 - 24.9/14.4	14,000.0	331.2
34	East Fiddler	69 - 12.5	46-65-23 SENW	3	69 - 24.9/14.4x12.5/7.2	10,500.0	3,888.0
35	Gap	69 - 24.9	49-71-30 NWSE	4	115x69 - 24.9/14.4	22,400.0	12,614.4
36	Hartzog	69 - 24.9	44-75-14 SESE	4	69 - 24.9/14.4	22,400.0	6,998.4
37	Hilight	69 - 24.9	45-71-22 SWSE	4	69 - 24.9/14.4	28,000.0	5,260.8
38	Hulett	69 - 24.9	54-65-23 NENE	2	69 - 24.9/14.4x12.5/7.2	7,000.0	1,803.6
39	Hulett Addition	69 - 24.9	54-65-23 NENE	4	69 - 24.9/14.4	10,500.0	4,204.8
40	Indian Creek	69 - 24.9	48-78-08 SESE	4	67 - 24.9/14.4	28,000.0	7,910.4
41	Kaycee	69 - 24.9	43-81-10 SESE	4	67 - 24.9/14.4	14,000.0	6,480.0
42	Keyhole	34.5 - 12.5	50-66-15 SWNW	2	34.4 - 12.5/7.2	2,500.0	1,938.6
43	Kitty	69 - 24.9	52-72-31 SESW	4	69 - 24.9/14.4	28,000.0	6,364.8
44	Little Missouri	69 - 24.9	54-67-16 SWNW	2	69 - 24.9/14.4	10,500.0	3,153.6
45	Middle Butte	69 - 24.9	44-76-26 NENW	3	67 - 24.9/14.4	28,000.0	9,230.4
46	Moorcroft	69 - 24.9	50-68-36 NENE	4	69 - 24.9/14.4	10,500.0	5,630.4
47	Moorcroft Addition	69 - 24.9	50-68-36 NENE	4	69 - 24.9/14.4	10,500.0	8,078.4
48	Mush Creek	34.5 - 12.5	44-63-15 NWSW	3	68.8x34.4 - 12.5/7.2	3,500.0	1,216.8
49	Newcastle	69 - 12.5	44-61-02 NENW	3	67 - 24.9/14.4x12.5/7.2	7,000.0	4,756.0
50	ONEOK - Oak Creek	69 - 4.16	54-61-05 SESW	1	69 - 4.16/2.4	3,750.0	2,560.0
51	Porcupine	69 - 24.9	42-71-34 SESE	2	67x34.5 - 24.9/14.4	28,000.0	1,670.4
52	Powder River	69 - 24.9	50-77-29 SWNE	3	67 - 24.9/14.4	28,000.0	9,115.2
53	Recluse	69 - 24.9	55-73-03 NWNW	4	67 - 24.9/14.4	28,000.0	5,299.2
54	Rozet Addition	69 - 24.9	50-69-18 SWSW	3	69 - 24.9/14.4	7,000.0	6,220.8
55	Sheridan	41.6 - 24.9	56-84-14 SWSE	3	41.6 - 24.9/14.4	22,400.0	2,520.0
56	Springen	69 - 24.9	51-71-28 SWSE	4	69 - 24.9/14.4	10,500.0	5,076.0
57	Sundance	69 - 12.5	51-63-27 NENE	3	69 - 24.9/14.4x12.5/7.2	7,000.0	5,731.2
58	Sundance Addition	69 - 24.9	51-63-27 NENE	1	69 - 24.9/14.4	14,000.0	3,816.0
59	Ulric Hawken	69 - 24.9	50-63-23 SESE	2	69 - 24.9/14.4	10,500.0	1,598.4
60	Upton Bentonite	69 - 12.5	48-65-27 SWSW	1	67 - 12.5/7.2	5,000.0	2,080.8
61	Wenande	69 - 24.9	43-81-10 SESE	3	69 - 24.9/14.4	10,500.0	3,672.0

### Electric Transmission and Distribution Plant (Wyoming Only)

Note: Use Wyoming-specific data only. For substations with multiple transformer banks, please use a separate line for each bank and note if the number of circuits listed is for the transformer bank or for the substation.

#### Distribution Substations in Wyoming

	Name of Distribution Substation	Primary Voltage - Secondary Voltage	Section Township Range (i.e. 26-20-84)	Number of Circuits	Transformers by Voltage	Nameplate Capacity of Transformers by Voltage	Peak Loading of Transformers for Reporting Year
62	West Rozet	69 - 24.9	50-69-18 SWSW	3	69 - 24.9/14.4	10,500.0	5,457.6
63	Wright	69 - 24.9	43-72-05 NENE	1	69 - 24.9/14.4	10,500.0	4,276.8
64	Wright Addition	69 - 24.9	43-72-05 NENE	3	69 - 24.9/14.4	22,400.0	8,928.0
65							

#### Transmission Substations and Switch Stations in Wyoming

	Name of Transmission Substation or Switch Station	Primary Voltage - Secondary Voltage	Section Township Range (i.e. 26-20-84)	Number of Circuits	Transformers by Voltage	Nameplate Capacity of Transformers by Voltage	Peak Loading of Transformers for Reporting Year
146	Barber Creek	230 - 69	48-75-05 NENE	2	230 - 69	100,000.0	45,320.0
147	Buffalo	230 - 69	51-81-30 SESW	1	230 - 69	37,333.0	4,387.0
148	Bill Durfee T1	230 - 69	50-63-14 SWNW	1	230 - 69	78,400.0	11,102.0
149	Bill Durfee T2	230 - 69	50-63-14 SWNW	1	230 - 69	78,400.0	2,866.0
150	Carr Draw	230 - 69	50-75-08 NESE	2	230 - 69	100,000.0	18,060.0
151	Decker	230 - 34.5	09-40-22 NWSW	1	230 - 34.5	28,000.0	9,050.0
152	Hughes	230 - 69	50-69-19 NWNW	3	230 - 69	140,000.0	48,170.0
153	Kaycee T1	230 - 69	43-81-10 SESE	2	230 - 69	20,000.0	6,208.0
154	Kaycee T2	230 - 69	43-81-10 SESE	0	230 - 69	30,000.0	0.0
155	Moorcroft	69 - 34.5	50-68-36 NENE	1	67 - 34.4	7,500.0	3,062.0
156	Osage	69 - 34.5	46-64-23 SWNW	1	69 - 34.5	3,750.0	1,284.0
157	Pumpkin Buttes	230 - 69	44-74-20 NWSW	4	230 - 69	100,000.0	34,660.0
158	Reno T1	230 - 69	45-71-28 SWNW	2	230 - 69/39.8	100,000.0	38,420.0
159	Reno T2	230 - 69	45-71-28 SWNW	1	230 - 69/39.8	100,000.0	30,500.0
160	Spring Creek	230 - 34.5	08-40-30 NENE	1	230x115 - 34.4/19.9	20,000.0	12,635.0
161	Teckla T1	230 - 69	41-71-03 NENE	1	230 - 69	100,000.0	12,240.0
162	Teckla T2	230 - 69	41-71-03 NENE	2	230 - 69	100,000.0	69,120.0
163	Wydak	230 - 69	50-71-27 NWNW	1	230 - 69	100,000.0	36,887.0

**Emergency Curtailment, Contingency and  
Integrated Resource Plans**

Does Powder River Energy Corporation have an emergency curtailment plan for use in Wyoming?

No

Plan title, plan filing date and comments

Does Powder River Energy Corporation have a contingency plan for use in Wyoming?

No

Plan title, plan filing date and comments

Does Powder River Energy Corporation have an integrated resource plan for use in Wyoming?

No

Plan title, plan filing date and comments

### Major Facilities Construction Forecast

	Description & Details	In-Service Date	2018 Total	2019 Total	2020 Total	2021 Total	2022 Total	Five-Year Total
1	Butte to Little Mo 69 kV Rebuild	12/31/2018	\$ 500,000					\$ 500,000
2								\$ -
3								\$ -
4								\$ -
5								\$ -
6								\$ -
7								\$ -
8								\$ -
9								\$ -
10								\$ -
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12								\$ -
13								\$ -
14								\$ -
15								\$ -
16								\$ -
17								\$ -
18								\$ -
19								\$ -
20								\$ -
21								\$ -
22								\$ -
23								\$ -
24								\$ -
25	<b>Total</b>		<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>

Notes:

## Smart Grid Technologies Report

The Commission's Order in Docket No. 90000-106-XO-08 (Record No. 11992) requires each electric utility to file an annual report regarding developments in smart grid technologies, including which technologies are being promoted by regional planning organizations, whether any smart grid technologies would be beneficial to any particular Wyoming customer, and whether utilities have considered or adopted any available smart grid technologies in Wyoming or in other jurisdictions.

File attachments to this report in Docket No. 90000-106-XO-08.

### **Provide the name of Powder River Energy Corporation's regional planning organization:**

### **Describe the smart grid technologies Powder River Energy Corporation's regional planning organization is promoting:**

The various components of PRECorp's investment in Smart Grid solutions are outlined below:

- (1) The prior implementation of a wide-area data communications network established a full ring of coverage and critical data redundancy across both the northern and southern parts of PRECorp's service territory. This data communications network infrastructure has served as the foundation for multiple projects including the original SCADA system deployment as well as subsequent deployments of a new digital Mobile Radio system and an Outage Management system. Prior to the Smart Grid project deployment, only half of PRECorp's nearly 16,000 square mile service territory was covered by a wide-area data communications network and two-way communications to the majority of the substations did not physically exist. The redundancy built into this new wide-area data communications system also replaced a very costly fiber optic network that primarily only served as a back-up data network between the three main PRECorp offices.
- (2) The implementation of a Supervisory Control and Data Acquisition (SCADA) solution provided remote access, control, monitoring and data collection between PRECorp's primary command, control and dispatch center in Gillette, Wyoming, and at least 40 substations that serve the PRECorp membership including several coal mines as well as large natural gas and oil fields.
- (3) The implementation of AMI meters at 34 primary delivery metering sites has enabled two-way communications with those metering sites as well as the ability to obtain higher frequency and more accurate readings of the metering information. PRECorp is currently conducting an evaluation of potential solutions to further deploy AMI metering technologies throughout the cooperative's service territory.

### **Describe the smart grid technologies that would be beneficial to Powder River Energy Corporation's customers:**

The various components of PRECorp's investment in Smart Grid solutions benefit PRECorp customers in the following manner:

- (1) The original SCADA system deployment as well as subsequent deployments of a new digital Mobile Radio system and an Outage Management system each contribute to faster notification and resolution of outages. The SCADA system enables remote control and monitoring reduces man-hours for onsite visits and keeps the maintenance costs lower for the members. The digital Mobile Radio system provides benefits related to safety, quicker outage response and tracking of location of vehicles via Automatic Vehicle Location (AVL) data. This AVL information helps dispatching personnel identify which trucks in the field may be the closest to an outage or other work needing to be addressed as well as better ensures safety of the PRECorp personnel.
- (2) The implementation of a Supervisory Control and Data Acquisition (SCADA) solution allows for a faster analysis of an outage or issue through remote access and control of substation equipment as well as better ensuring more efficient and effective deployment of resources to resolve outages or other issues.
- (3) The implementation of AMI metering technology enables better decision-making for both PRECorp personnel and members through enhanced usage information as well as improving the efficiency and accuracy of the billing processes. This includes being able to support enhanced capabilities such as Prepaid meters and remote disconnects which both minimize financial exposure for the organization and provide additional options to more quickly restore power for members who provide a payment to a delinquent account.

### **Discuss which class of Powder River Energy Corporation's Wyoming customers benefits from each smart grid technology listed above:**

PRECorp provides for 17 tariffs or rate classes including residential, agricultural and industrial class members. All of them benefit from the deployed Smart Grid technology which monitors the system and more effectively addresses outages within the system with out regard to classes.

### **Discuss the smart grid technologies Powder River Energy Corporation has evaluated or considered adopting in Wyoming or in other jurisdictions:**

PRECorp is currently completing an evaluation of further use of Automated Metering Infrastructure (AMI) technologies. The evaluation has reviewed currently available technologies for electronic metering equipment which include power line carrier communications and Radio Frequency based communications configurations. In addition to further deployment of AMI technologies, PRECorp has done some preliminary evaluation of other "Smart Grid" technologies to manage down-line devices such as regulators, reclosers, fault indicators, etc. The AMI technologies being planned for deployment also provide additional enhanced capabilities for the cooperative such as Distributed Automation, Demand Response, Voltage Management, Conservation Voltage Reduction, Dynamic Pricing, etc.

## Smart Grid Technologies Report

**Provide the status of the smart grid technologies Powder River Energy Corporation has adopted or implemented:**

As indicated in the above questions, currently PRECorp only has a limited deployment of AMI technology at 34 primary delivery metering locations within its system. PRECorp has been working with current system vendors to extend the plant life and related system support of its existing Advanced Meter Reading (AMR) metering solution until 2020. PRECorp is planning to complete the selection of a new AMI solution and start further deployment of additional AMI meters in 2018. The rollout of additional AMI meters is expected to be completed before the existing AMR metering solution reaches end of life in 2020. A new Meter Data Management System (MDMS) has already been implemented which provides additional capabilities to collect, analyze and leverage meter usage data by the cooperative. Smart Grid technologies to manage down-line devices and assets such as Voltage Regulators, Capacitor Banks, Reclosers, etc. will continue to be evaluated for additional deployment opportunities.



## Important Changes During the Reporting Year

For the reporting year, please include a short narrative description on this page of the annual report for the following:

1. Purchase, sale, discontinuance or abandonment of service of major utility facility operating units, property or equipment, specifying a description of the property and the transaction and the docket number for which authorization was granted.
2. All important financial changes of respondent such as bond issues or retirements, showing amounts, identity of bonds and purpose of or reason for the change.
3. Additional matters of fact (not elsewhere provided for) which the respondent may desire to include in this report.

### Changes, page 1

Powder River Energy Corporation (PRECorp) signed a contract, effective January 2017, with Members 1st Power Cooperative for power supply. Members' 1st is a member of Basin Electric Power Cooperative.

The City of Gillette annexation of South Industrial Park was completed in 2017.

Powder River Energy Corporation purchased the following facilities from Tri-State Generation & Transmission Assoc., Inc in 2017.

- Buffalo Substation
- Kaycee Substation
- Flying D Ranch Tower Site
- Kingsbury Ridge Tower Site

**Reconciliation of Gross Wyoming Intrastate Retail Revenue**

Description		Amount	
1	Total Wyoming Operating Revenues (400)	\$183,972,716	
2	Gross Wyoming Intrastate Retail Revenues	\$181,021,663	
3	<b>Difference between Operating &amp; Intrastate Revenue</b>	<b>\$2,951,053</b>	
4			
<b>Adjustments to Operating Revenue Accounts that Derive</b>			
<b>Gross Wyoming Intrastate Retail Revenues</b>		<b>Amount</b>	<b>Adjustment Explanation</b>
6	Remove Rent From Electric Property	101,215	Removed because it is not retail revenue.
7	Remove Rent from Surge Protection	11,327	Removed because it is not retail revenue.
8	Remove Wheeling Revenue (69kV)	71,597	Removed because it is not retail revenue.
9	Remove Open Access Transmission Tariff Revenue	2,054,644	Removed because it is not retail revenue.
10	Remove Regional Transmission Service Revenues	712,270	Removed because it is not retail revenue.
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105	<b>Total Adjustments</b>	<b>\$2,951,052.86</b>	

Notes:

### **Interest Rate**

State the interest rate the utility used for deposits in 2017. If the interest rate used by the utility is different from the Commission Authorized Interest Rate for 2017, please explain why and indicate how the utility will correct or has corrected the oversight.

**2.02%**

### **Supplemental Notes to this Annual Report**

Supplemental Notes, page 1

## Oath and Verification

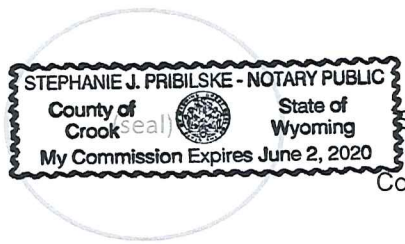
Once the report is complete, sign the Oath and Verification page before a notary public. Upload a copy of the notarized Oath and Verification page with the balance of the annual report files.

<b>State of:</b>	Wyoming
<b>County of:</b>	Crook
<b>Affiant name:</b>	Joanne Kolb
<b>Official title:</b>	Chief Financial and Administration Officer
<b>Legal name of reporting entity:</b>	Powder River Energy Corporation

The Affiant, of lawful age, first being sworn according to law, upon oath hereby deposes and says:

1. Affiant has, by all necessary action, been duly authorized to make this Verification;
2. Affiant has examined the foregoing Annual Report and all attachments thereto;
3. Except as may be set forth in Paragraph 4 of this Oath and Verification, Affiant hereby verifies, upon Affiant's knowledge, that all statements contained in the foregoing Annual Report and all attachments thereto are correct and complete and constitute a correct statement of the business affairs of the above-named reporting entity with respect to each and every matter set forth therein for the period from and including January 1, 2017, to and including December 31, 2017;
4. Here state the source of Affiant's information and grounds of Affiant's beliefs as to any matters not stated to be verified upon Affiant's knowledge:

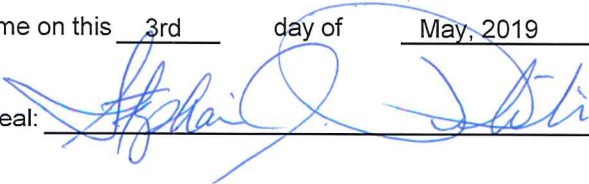
Affiant Signature:   
Name and Title (please type): Joanne Kolb, Chief Financial and Administration Officer



**Notary**

State of: Wyoming  
County of: Crook

Subscribed and sworn to before me on this 3rd day of May, 2019

Witness my hand and official seal: 

My Commission Expires: June 2, 2020