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January 22, 2020

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

Re: Docket No. 10014-198-CT-19, Record No. 15232  
Compliance Filing

Dear Mr. Petrie,

Pursuant to discussions with Staff on the above referenced Docket, attached are revised Exhibits DWH-2, 3, 4, 5,6, and 7.

Four copies and one original will be sent to your attention and this information has also been filed electronically on the Commission's Document Management System.

Sincerely,

Michael E. Easley, CEO

MEE/sjp

Enclosures

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  
UPDATED RATE DESIGN WITH COPA MECHANISM

	<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	\$ 0.03		
Power Supply Demand Charge CP		\$ 19.70		
Energy Adjustment Charge		\$ 0.000289		
Energy Charge	\$ 0.029999	\$ 0.029710		
2019 COPA Power Cost Charge	\$ 0.003691	\$ 0.003691		
<u>Total Billing</u>				
Basic Charge Billing	\$ 156,000	\$ 156,000	\$ -	
Distr. Demand Billing	\$ 1,951,107	\$ 1,951,107	\$ -	
Power Supply Demand Billing NCP	\$ 32,518,452	\$ 65,037	\$ (32,453,415)	-99.80%
Power Supply Demand Billing CP		\$ 32,452,332		
Energy Charge	\$ 30,376,925	\$ 30,084,284	\$ (292,641)	-0.96%
Energy Adjustment Charge		\$ 292,641		
COPA Charge	\$ 3,737,499	\$ 3,737,499	\$ -	0.00%
Total Billing	\$ 68,739,982	\$ 68,738,900	\$ (1,083)	0.00%



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>	<u>June 19</u>	<u>July 19</u>	<u>August 19</u>	<u>September 19</u>	<u>October 19</u>
LPT Power Cost (Schedule "LPT Actual Power Cost)	5,633,096	5,528,029	5,766,252	5,890,868	5,893,040	5,463,188	5,114,629	5,282,100	4,879,397	4,516,701	4,953,386	4,819,210	5,545,465
Billing Demand - NCP	184,293.63	180,727.90	187,597.82	188,903.50	193,032.68	186,576.39	174,815.35	176,075.49	168,499.31	163,150.65	166,370.36	165,513.03	184,586.31
Billing Energy - kWh	88,314,126	86,407,327	92,195,001	93,672,814	86,854,387	84,523,438	79,392,848	76,195,927	73,933,662	71,365,966	76,573,354	75,191,910	84,863,508
Base Demand Charge	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97	\$ 14.97	\$ 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	\$ 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	\$ 2,889,699	\$ 2,793,048	\$ 2,616,986	\$ 2,635,850	\$ 2,522,435	\$ 2,442,365	\$ 2,490,564	\$ 2,477,730	\$ 2,763,257.02
Base Energy Billing	\$ 2,623,813	\$ 2,567,162	\$ 2,739,113	\$ 2,783,019	\$ 2,580,444	\$ 2,511,191	\$ 2,358,762	\$ 2,263,781	\$ 2,196,569	\$ 2,120,283	\$ 2,274,994	\$ 2,233,952	\$ 2,521,294.82
LPT Base Power Cost included in Rate	\$ 5,382,688	\$ 5,272,658	\$ 5,547,453	\$ 5,610,905	\$ 5,470,143	\$ 5,304,240	\$ 4,975,747	\$ 4,899,631	\$ 4,719,004	\$ 4,562,648	\$ 4,765,559	\$ 4,711,682	\$ 5,284,551.84
LPT Recoverable Power Cost	\$ 250,408	\$ 255,371	\$ 218,799	\$ 279,963	\$ 422,897	\$ 158,948	\$ 138,882	\$ 382,469	\$ 160,393	\$ (45,947)	\$ 187,828	\$ 107,528	\$ 260,913
Actual LPT COPA Revenue Collected for Period	345,971.33	338,501.43	361,174.69	345,804.08	320,633.07	312,028.10	293,087.93	281,286.12	272,934.71	263,455.76	282,679.44	277,579.68	\$ 313,284
(Over)/Under Recovery	\$ (95,564)	\$ (83,130)	\$ (142,376)	\$ (65,841)	\$ 102,264	\$ (153,080)	\$ (154,206)	\$ 101,183	\$ (112,541)	\$ (309,402)	\$ (94,852)	\$ (170,052)	\$ (52,370)
Check Sum	95,563.91	83,130.58	142,376.07	65,840.59	(102,263.42)	153,080.41	154,206.00	(101,182.51)	112,541.49	309,402.00	94,852.00	170,052.00	52,370.41
Difference	0.11	0.21	0.09	(0.14)	0.08	0.02	0.12	0.07	0.03	(0.43)	0.15	0.23	0.02

POWDER RIVER ENERGY CORPORATION

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

	October 18	November	December	January 19	February	March	April	May	June	July	August	September	October	Total
<b>Black Hills Electric</b>														
Energy - kWh	0	0	0	0	0									0
Billing	0.00	0.00	53,223.00	0.00	0.00									53,223.00
<b>WAPA</b>														
Metered Demand - kW	10,821	10,846	11,562	11,298	9,930	10,492	9,508	9,896	11,111	13,906	10,964	8,400	11,460	140,194
Metered Energy - kWh	7,007,274	7,007,274	7,670,685	7,463,369	5,887,769	6,426,789	5,921,855	6,205,780	7,138,675	8,923,343	7,138,675	5,232,324	7,007,274	89,031,086
<b>WAPA Billing Calculation</b>														
Demand Billing	48,146	48,998	47,635	47,840	45,256.24	52,717.01	47,425.24	52,609.20	49,224.10	57,292.72	51,391.47	40,524.86	50,988.80	640,049
Energy Billing	110,154.35	110,154.35	120,583.17	117,324.16	92,555.73	101,029.12	93,091.56	97,554.86	112,219.97	140,274.95	112,219.97	82,252.13	110,154.35	1,399,569
Total	158,300.06	159,152.23	168,218.61	165,164.42	137,811.97	153,746.13	140,516.80	150,164.06	161,444.07	197,567.67	163,611.44	122,776.99	161,143.15	1,755,697
<b>BASIN</b>														
Actual Billing kW	271,678	278,535	286,299	293,665	311,656	296,090	263,956	255,117	230,903	231,593	240,622	241,813	287,048	3,488,975
Billing Energy - kWh	175,832,071	179,967,642	192,461,404	194,576,959	185,389,427	182,216,448	164,306,251	160,180,752	148,388,556	148,313,410	156,446,893	153,099,817	175,229,160	2,216,408,790
<b>BASIN Billing Calculation</b>														
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	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	6,120,923.84	5,815,207.60	5,184,095.84	5,010,497.88	4,534,934.92	4,548,486.52	4,725,816.08	4,749,207.32	5,637,622.72	68,523,469
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	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	44,200
Energy Billing	5,700,475.74	5,834,550.95	6,239,598.72	6,308,185.01	6,010,325.22	5,907,457.24	5,326,808.66	5,193,059.98	4,810,756.99	4,808,320.75	5,072,008.27	4,963,496.07	5,680,929.37	71,855,973
Heat Rate Billing														0
Adder	19,627.33	19,627.33	19,627.33	19,627.33	28,254.57	23,940.95	23,940.95	23,940.95	23,940.95	23,940.95	23,940.95	23,940.95	23,940.95	298,291
Other	(10,589.67)	(290,586.07)	68,328.47	(40,111.31)	(52,491.20)	(31,805.69)	(16,198.00)				9,154.00	0.00	(22,047.08)	(386,347)
Power Service Agrmt	34,282.97	44,038.21	46,144.81	44,379.86	43,594.13	35,768.18	41,668.38	42,042.42	37,027.21	45,574.09	56,296.65	42,248.46	33,441.49	546,507
Data Incentive Credit	(16,754.38)	(18,133.60)	(18,576.05)	(19,889.04)	(20,100.46)	(19,178.18)	(18,847.96)	(16,963.21)	(16,550.01)	(15,364.01)	(15,442.11)	(16,277.63)	(15,881.25)	(227,958)
Total	11,066,197.91	11,063,324.22	11,981,435.64	12,083,172.45	12,133,906.10	11,734,790.10	10,544,867.87	10,255,978.02	9,393,510.06	9,414,358.30	9,875,173.84	9,766,015.17	11,341,406.20	140,654,136
<b>Western Division</b>														
Metered kW	8,921	8,883	9,257	9,821	10,820	11,070	8,428	8,111	7,769	10,531	9,175	10,230	10,378	123,394
Metered kWh	5,503,956	5,792,892	6,428,942	6,427,562	6,392,324	6,263,189	5,325,904	5,319,372	5,251,517	6,107,677	6,329,441	5,712,717	5,947,553	76,803,046
Demand Billing	175,208.44	174,462.12	181,807.48	192,884.44	212,504.80	217,414.80	165,525.92	159,300.04	152,583.16	206,828.84	180,197.00	200,917.20	203,823.92	2,423,458
Energy Billing	194,509.81	204,720.80	227,198.81	227,150.04	225,904.73	221,341.10	188,217.45	187,986.61	185,588.61	215,845.31	223,682.44	201,887.42	210,186.52	2,714,220
Energy Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Total	369,718.25	379,182.92	409,006.29	420,034.48	438,409.53	438,755.90	353,743.37	347,286.65	338,171.77	422,674.15	403,879.44	402,804.62	414,010.44	5,137,678
Subtotal Basin/Western	11,435,916.16	11,442,507.14	12,390,441.93	12,503,206.93	12,572,315.63	12,173,546.00	10,898,611.24	10,603,264.67	9,731,681.83	9,837,032.45	10,279,053.28	10,168,819.79	11,755,416.64	145,791,814
<b>Total System</b>														
Total Billing kW	291,420	298,264	307,118	314,784	332,406	317,652	281,892	273,124	249,783	256,030	260,761	260,443	308,886	3,752,563
Total kWh	188,343,301	192,767,808	206,561,031	208,467,890	197,669,520	194,906,426	175,554,010	171,705,904	160,778,748	163,344,430	169,915,009	164,044,858	188,183,987	2,382,242,922
Total Billing	11,594,216.21	11,601,659.37	12,611,883.54	12,668,371.35	12,710,127.60	12,327,292.13	11,039,128.04	10,753,428.73	9,893,125.90	10,034,600.12	10,442,664.73	10,291,596.78	11,916,559.79	147,884,654
Check Difference	11,594,216.22	11,601,659.37	12,611,883.45	12,668,371.35	12,710,127.60	12,327,292.14	11,039,127.97	10,753,428.75	9,893,125.89	10,034,600.13	10,442,664.81	10,291,596.78	11,916,559.79	
	-0.01	0.00	0.09	0.00	0.00	0.00	0.07	-0.02	0.01	-0.01	-0.08	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>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>Total</u>
<b><u>Billing Units @ Basin Level</u></b>														
Total Basin Billing kW	271,678	278,535	286,299	293,665	311,656	296,090	263,956	255,117	230,903	231,593	240,622	241,813	287,048	2,960,114
LPT Billing kW	139,680	144,665	137,896	144,523	156,051	137,807	128,011	141,197	124,606	110,312	123,294	119,429	141,148	1,488,042
LPT kW as % of Total	51.41%	51.94%	48.17%	49.21%	50.07%	46.54%	48.50%	55.35%	53.96%	47.63%	51.24%	49.39%	49.17%	50.27%
kWh Purchased	88,660,790	86,746,506	92,556,898	94,040,512	87,195,321	84,855,222	79,704,493	76,495,023	74,223,877	71,646,102	76,873,931	75,487,064	85,196,627	912,998,675
<b><u>Effective Basin Rate</u></b>														
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.032420	0.032420	0.032420	0.032420	0.032420	0.032420	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	0.008526	0.040951	0.128671	0.205475	0.207092	0.248501	0.321456	0.220467	0.079618	
Demand Billing	2,743,306	2,841,217	2,708,277	2,838,429	3,064,837	2,706,538	2,514,138	2,773,119	2,447,254	2,166,522	2,421,500	2,345,589	2,772,152	29,225,138
Energy Billing	2,874,383	2,812,322	3,000,695	3,048,793	2,826,872	2,751,006	2,584,020	2,479,969	2,406,338	2,322,767	2,492,253	2,447,291	2,762,075	29,599,417
Fixed Charges Billing	15,407	(125,510)	57,280	3,645	1,330	5,643	16,471	29,013	25,805	27,413	39,634	26,330	11,238	96,131
Total LPT	5,633,096	5,528,029	5,766,252	5,890,868	5,893,040	5,463,188	5,114,629	5,282,100	4,879,397	4,516,701	4,953,386	4,819,210	5,545,465	58,920,686
Check Sum	5,633,096	5,528,029	5,766,252	5,890,868	5,893,040	5,463,188	5,114,629	5,282,100	4,879,397	4,516,701	4,953,386	4,819,210	5,545,465	
Difference	(0)	0	(0)	0	0	0	0	(0)	0	0	0	0	(0)	

Number	Total kWh (Oct 2018 through Sept 2019)	COPA Credit	Mine Credit
1	94,864,000	9.63%	\$ (84,356.52)
2	50,011,500	5.08%	\$ (44,472.04)
3	241,338,206	24.51%	\$ (214,606.71)
4	33,883,500	3.44%	\$ (30,130.44)
5	29,247,055	2.97%	\$ (26,007.54)
6	25,298,000	2.57%	\$ (22,495.90)
7	54,012,000	5.49%	\$ (48,029.44)
8	33,868,868	3.44%	\$ (30,117.43)
9	9,254,000	0.94%	\$ (8,228.99)
10	36,970,500	3.75%	\$ (32,875.51)
11	282,604,000	28.70%	\$ (251,301.75)
12	30,954,000	3.14%	\$ (27,525.42)
13	62,315,131	6.33%	\$ (55,412.88)
Total True Up Balance from Exhibit DWH-3			\$ (875,560.57)