

Case No. PAC-E-21-07
Exhibit No. 45
Witness: Robert M. Meredith

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

ROCKY MOUNTAIN POWER

Exhibit Accompanying Direct Testimony of Robert M. Meredith

Billing Determinants

May 2021

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 1 - Residential Service						
Customer Charge	653,704	667,912	\$5.00	\$3,339,560	\$8.00	\$5,343,296
Seasonal Service Charge	1	1	\$60.00	\$60	\$96.00	\$96
All kWh (Jun - Oct)						
<= 700 kWh	139,369,003	139,307,348			11.6955 ¢	\$16,292,725
> 700 kWh	55,124,810	55,100,424			13.5988 ¢	\$7,493,010
All kWh (Nov - May)						
<= 1,000 kWh	241,266,381	241,159,647			9.7463 ¢	\$23,504,071
> 1,000 kWh	87,796,964	87,758,124			11.3324 ¢	\$9,945,061
Subtotal	523,557,159	523,325,543				\$62,578,259
Temperature Adj. (Jun-Oct) <= 700 kWh	(3,191,606)	(3,190,194)			11.6955 ¢	(\$373,110)
Temperature Adj. (Jun-Oct) > 700 kWh	(1,262,380)	(1,261,822)			13.5988 ¢	(\$171,593)
Temperature Adj. (Nov-May) <= 1,000 kWh	(182,294)	(182,214)			9.7463 ¢	(\$17,759)
Temperature Adj. (Nov-May) > 1,000 kWh	(66,337)	(66,308)			11.3324 ¢	(\$7,514)
Subtotal	(4,702,618)	(4,700,538)				(\$569,976)
All kWh (May - Oct)						
<= 700 kWh	165,657,189	165,583,904	11.1316 ¢	\$18,432,138		
> 700 kWh	62,582,555	62,554,869	14.9382 ¢	\$9,344,571		
All kWh (Nov - Apr)						
<= 1,000 kWh	211,187,030	211,093,603	8.5806 ¢	\$18,113,098		
> 1,000 kWh	84,130,385	84,093,167	11.4943 ¢	\$9,665,921		
Subtotal	523,557,159	523,325,543		\$58,895,348		
Temperature Adj. (May-Oct) <= 700 kWh	(3,244,092)	(3,242,657)	11.1316 ¢	(\$360,960)		
Temperature Adj. (May-Oct) > 700 kWh	(1,225,564)	(1,225,022)	14.9382 ¢	(\$182,996)		
Temperature Adj. (Nov-Apr) <= 1,000 kWh	(166,595)	(166,522)	8.5806 ¢	(\$14,289)		
Temperature Adj. (Nov-Apr) > 1,000 kWh	(66,366)	(66,337)	11.4943 ¢	(\$7,625)		
Subtotal	(4,702,618)	(4,700,538)		(\$565,870)		
Unbilled	4,483,718	4,481,734		\$453,357		\$453,357
TAA			(0.3090) ¢	(\$1,602,551)	0.0000 ¢	\$0
Total	523,338,259	523,106,739		\$57,180,284		\$62,461,640

SCHEDULE NO. 36 - Residential Service Optional TOD

Customer Charge	137,541	140,530	\$14.00	\$1,967,420	\$15.00	\$2,107,950
Seasonal Service Charge	0	0	\$168.00	\$0	\$180.00	\$0
On-Peak kWh (May - Oct)	32,913,148	32,898,588	14.7822 ¢	\$4,863,135	15.6860 ¢	\$5,160,477
Off-Peak kWh (May - Oct)	42,553,005	42,534,180	5.2128 ¢	\$2,217,222	5.5315 ¢	\$2,352,787
On-Peak kWh (Nov - Apr)	50,656,122	50,633,712	12.6644 ¢	\$6,412,456	13.4387 ¢	\$6,804,527
Off-Peak kWh (Nov - Apr)	70,324,990	70,293,879	4.7926 ¢	\$3,368,904	5.0856 ¢	\$3,574,888
Subtotal	196,447,265	196,360,359		\$18,829,137		\$20,000,629
Temperature Adj. (May-Oct) - On-Peak	(678,198)	(677,898)	14.7822 ¢	(\$100,208)	15.6860 ¢	(\$106,335)
Temperature Adj. (May-Oct) - Off-Peak	(876,834)	(876,446)	5.2128 ¢	(\$45,687)	5.5315 ¢	(\$48,481)
Temperature Adj. (Nov-Apr) - On-Peak	(62,915)	(62,888)	12.6644 ¢	(\$7,964)	13.4387 ¢	(\$8,451)
Temperature Adj. (Nov-Apr) - Off-Peak	(87,344)	(87,306)	4.7926 ¢	(\$4,184)	5.0856 ¢	(\$4,440)
Subtotal	(1,705,292)	(1,704,538)		(\$158,043)		(\$167,707)
Unbilled	1,682,365	1,681,621		\$141,671		\$141,671
TAA			(0.3360) ¢	(\$654,044)	0.0000 ¢	\$0
Total	196,424,338	196,337,442		\$18,158,721		\$19,974,593

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 6 - General Service - Large Power Composite						
Customer Charge (Secondary Voltage)	13,464	13,757	\$37.00	\$509,009	\$39.00	\$536,523
Customer Charge (Primary Voltage)	139	142	\$111.00	\$15,762	\$118.00	\$16,756
Total Customer Charges	13,604	13,899				
All kW (Jun - Oct)	396,535	396,360			\$14.15	\$5,608,494
All kW (Nov - May)	506,134	505,910			\$12.75	\$6,450,353
All kW (May - Oct)	472,115	471,907	\$14.36	\$6,776,585		
All kW (Nov - Apr)	430,554	430,363	\$11.81	\$5,082,587		
All kWh	337,714,841	337,565,439	3.9880 ¢	\$13,462,110	4.4207 ¢	\$14,922,819
Seasonal Service Charge (Secondary)	0	0	\$444.00	\$0	\$468.00	\$0
Seasonal Service Charge (Primary)	0	0	\$1,332.00	\$0	\$1,416.00	\$0
Voltage Discount	81,611	81,575	(\$0.65)	(\$53,024)	(\$0.65)	(\$53,024)
Subtotal	337,714,841	337,565,439		\$25,793,029		\$27,481,921
Temperature Adj. (Jun-Oct)	(114,245)	(114,194)			4.4207	(\$5,048)
Temperature Adj. (Nov-May)	67,929	67,899			4.4207	\$3,002
Temperature Adj. (May-Oct)	(21,706)	(21,696)	3.9880 ¢	(\$865)		
Temperature Adj. (Nov-Apr)	(24,610)	(24,599)	3.9880 ¢	(\$981)		
Unbilled	8,338,998	8,335,309		\$648,699		\$648,699
TAA			(0.2160) ¢	(\$729,041)	0.0000 ¢	\$0
Total	346,007,523	345,854,453		\$25,710,841		\$28,128,574

SCHEDULE NO. 6A - General Service - Large Power (Residential and Farm) Composite						
Customer Charge (Secondary Voltage)	2,419	2,471	\$37.00	\$91,427	\$39.00	\$96,369
Customer Charge (Primary Voltage)	12	12	\$111.00	\$1,332	\$118.00	\$1,416
Total Customer Charges	2,431	2,483				
All kW (Jun - Oct)	34,063	34,048			\$14.15	\$481,779
All kW (Nov - May)	49,696	49,674			\$12.75	\$633,344
All kW (May - Oct)	40,560	40,543	\$14.36	\$582,197		
All kW (Nov - Apr)	43,199	43,179	\$11.81	\$509,944		
All kWh	26,307,895	26,296,256	3.9880 ¢	\$1,048,695	4.4207 ¢	\$1,162,484
Seasonal Service Charge (Secondary)	0	0	\$444.00	\$0	\$468.00	\$0
Seasonal Service Charge (Primary)	0	0	\$1,332.00	\$0	\$1,416.00	\$0
Voltage Discount	0	0	(\$0.65)	\$0	(\$0.65)	\$0
Base Subtotal	26,307,895	26,296,256		\$2,233,595		\$2,375,392
Unbilled	508,994	508,769		\$39,473		\$39,473
TAA			(0.2160) ¢	(\$56,800)	0.0000 ¢	\$0
Base Total	26,816,889	26,805,025		\$2,216,268		\$2,414,865

SCHEDULE NO. 7 - Customer Owned Light Residential						
Level 1 (0-5,500 LED Equivalent Lumens)		73			\$8.00	\$584
Level 2 (5,501-12,000 LED Equivalent Lumens)		33			\$9.24	\$301
Level 3 (12,001 and Greater LED Equivalent Lumens)		21			\$11.14	\$234
Charges Per Lamp						
16,000 Lumens, HPSV	252	252	\$15.13	\$3,813		
Avg Customers	1	1				
All kWh	9,828	9,824				
Base Subtotal	9,828	9,824		\$3,813		\$1,087
Unbilled	84	84		\$32		\$32
TAA			(0.4150) ¢	(\$41)	0.0000 ¢	\$0
Base Total	9,912	9,908		\$3,804		\$1,118

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 7 - Security Area Lighting						
Composite						
Level 1 (0-5,500 LED Equivalent Lumens)		1,943			\$8.00	\$15,547
Level 2 (5,501-12,000 LED Equivalent Lumens)		867			\$9.24	\$8,015
Level 3 (12,001 and Greater LED Equivalent Lumens)		559			\$11.14	\$6,227
Charges Per Lamp						
7000 Lumens, MV	1,463	1,462	\$27.22	\$39,796		
20,000 Lumens, MV	183	183	\$48.54	\$8,883		
5,600 Lumens, HPSV, Co Owned Pole	0	0	\$17.29	\$0		
5,600 Lumens, HPSV, No Co Owned Pole	48	48	\$13.76	\$660		
9,500 Lumens, HPSV, Co Owned Pole	216	216	\$19.80	\$4,277		
9,500 Lumens, HPSV, No Co Owned Pole	290	290	\$16.26	\$4,715		
16,000 Lumens, HPSV, Co Owned Pole	336	336	\$26.07	\$8,760		
16,000 Lumens, HPSV, No Co Owned Pole	60	60	\$23.21	\$1,393		
27,500 Lumens, HPSV, Co Owned Pole	9	9	\$37.51	\$338		
27,500 Lumens, HPSV, No Co Owned Pole	84	84	\$33.96	\$2,853		
50,000 Lumens, HPSV, Co Owned Pole	54	54	\$52.41	\$2,830		
50,000 Lumens, HPSV, No Co Owned Pole	48	48	\$46.39	\$2,227		
16,000 Lumens, HPS Flood, Co Owned Pole	213	213	\$26.07	\$5,553		
16,000 Lumens, HPS Flood, No Co Owned Pole	108	108	\$23.21	\$2,507		
27,500 Lumens, HPS Flood, Co Owned Pole	193	193	\$37.51	\$7,239		
27,500 Lumens, HPS Flood, No Co Owned Pole	48	48	\$33.96	\$1,630		
50,000 Lumens, HPS Flood, Co Owned Pole	48	48	\$52.41	\$2,516		
50,000 Lumens, HPS Flood, No Co Owned Pole	96	96	\$46.39	\$4,453		
Avg Customers	184	187				
All kWh	259,295	259,180				
Base Subtotal	259,295	259,180		\$100,630		\$28,029
Unbilled	4,480	4,478		\$1,761		\$1,761
TAA			(0.4150) ¢	(\$1,076)	0.0000 ¢	\$0
Base Total	263,775	263,658		\$101,315		\$29,790

SCHEDULE NO. 7A - Security Area Lighting (Residential and Farm)						
Composite						
Level 1 (0-5,500 LED Equivalent Lumens)		1,686			8.00	\$13,488
Level 2 (5,501-12,000 LED Equivalent Lumens)		143			9.24	\$1,321
Level 3 (12,001 and Greater LED Equivalent Lumens)		12			11.14	\$134
Charges Per Lamp						
7000 Lumens, MV	970	970	\$27.22	\$26,403		
20,000 Lumens, MV	24	24	\$48.54	\$1,165		
5,600 Lumens, HPSV, Co Owned Pole	0	0	\$17.29	\$0		
5,600 Lumens, HPSV, No Co Owned Pole	156	156	\$13.76	\$2,147		
9,500 Lumens, HPSV, Co Owned Pole	192	192	\$19.80	\$3,802		
9,500 Lumens, HPSV, No Co Owned Pole	368	368	\$16.26	\$5,984		
16,000 Lumens, HPSV, Co Owned Pole	83	83	\$26.07	\$2,164		
16,000 Lumens, HPSV, No Co Owned Pole	24	24	\$23.21	\$557		
27,500 Lumens, HPSV, Co Owned Pole	0	0	\$37.51	\$0		
27,500 Lumens, HPSV, No Co Owned Pole	0	0	\$33.96	\$0		
50,000 Lumens, HPSV, Co Owned Pole	0	0	\$52.41	\$0		
50,000 Lumens, HPSV, No Co Owned Pole	0	0	\$46.39	\$0		
16,000 Lumens, HPS Flood, Co Owned Pole	0	0	\$26.07	\$0		
16,000 Lumens, HPS Flood, No Co Owned Pole	12	12	\$23.21	\$279		
27,500 Lumens, HPS Flood, Co Owned Pole	12	12	\$37.51	\$450		
27,500 Lumens, HPS Flood, No Co Owned Pole	0	0	\$33.96	\$0		
50,000 Lumens, HPS Flood, Co Owned Pole	0	0	\$52.41	\$0		
50,000 Lumens, HPS Flood, No Co Owned Pole	0	0	\$46.39	\$0		
Avg Customers	129	132				
All kWh	104,787	104,741				
Base Subtotal	104,787	104,741		\$42,951		\$14,548
Unbilled	984	984		\$395		\$395
TAA			(0.4150) ¢	(\$435)	0.0000 ¢	\$0
Base Total	105,771	105,725		\$42,911		\$14,943

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
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 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 9 - General Service - High Voltage						
Composite						
Customer Charge	192	197	\$370.00	\$72,890	\$390.00	\$76,830
All kW (Jun - Oct)	103,048	103,003			\$10.82	\$1,114,492
All kW (Nov - May)	150,609	150,543			\$9.75	\$1,467,794
On-peak kWh (Jun - Oct)	19,959,422	16,075,042			5.1115 ¢	\$821,674
Off-peak kWh (Jun - Oct)	26,612,970	30,476,747			4.4755 ¢	\$1,363,983
On-peak kWh (Nov - May)	28,415,103	22,773,813			4.6365 ¢	\$1,055,898
Off-peak kWh (Nov - May)	39,652,112	45,263,290			4.0005 ¢	\$1,810,738
All kW (May - Oct)	130,750	130,691	\$10.26	\$1,340,890		
All kW (Nov - Apr)	122,908	122,854	\$7.74	\$950,890		
Minimum kW Summer	0	0	\$10.26	\$0	\$10.82	\$0
Minimum kW Winter	0	0	\$7.74	\$0	\$9.75	\$0
All kWh	114,639,607	114,588,891	4.1872 ¢	\$4,798,066		
Base Subtotal	114,639,607	114,588,891		\$7,162,736		\$7,711,409
Temperature Adj On-peak (Jun - Oct)	(1,227)	(988)			5.1115 ¢	(\$50)
Temperature Adj Off-peak (Jun - Oct)	(1,636)	(1,873)			4.4755 ¢	(\$84)
Temperature Adj On-peak (Nov - May)	3,425	2,745			4.6365 ¢	\$127
Temperature Adj Off-peak (Nov - May)	4,779	5,455			4.0005 ¢	\$218
Temperature Adj	5,341	5,339	4.1872 ¢	\$224		
Unbilled	4,320,202	4,318,291		\$304,876		\$304,876
TAA			(0.1580) ¢	(\$181,059)	0.0000 ¢	\$0
Total	118,965,150	118,912,521		\$7,286,777		\$8,016,496

SCHEDULE NO. 10 - Irrigation						
Small Customer Charge (Season)	3,085	3,152	\$14.00	\$44,128	\$14.00	\$44,128
Large Customer Charge (Season)	14,830	15,152	\$41.00	\$621,232	\$42.00	\$636,384
Post-Season Customer Charge	13,327	13,616	\$23.00	\$313,168	\$24.00	\$326,784
Total Customer Charges	31,242	31,920				
All kW (June 1 - Sept 15)	1,455,647	1,455,003	\$5.98	\$8,700,918	\$6.19	\$9,006,469
First 25,000 kWh (June 1 - Sept 15)	199,963,215	199,874,753	8.8711 ¢	\$17,731,089	9.1876 ¢	\$18,363,672
Next 225,000 kWh (June 1 - Sept 15)	257,934,386	257,820,278	6.6296 ¢	\$17,092,453	6.8661 ¢	\$17,702,252
All Add'l kWh (June 1 - Sept 15)	33,307,156	33,292,421	4.9616 ¢	\$1,651,837	5.1386 ¢	\$1,710,768
All kWh (Sept 16 - May 31)	96,826,653	96,783,818	7.5441 ¢	\$7,301,468	7.8232 ¢	\$7,571,616
Meters	5,844	5,971				
Base Subtotal	588,031,410	587,771,270		\$53,456,293		\$55,362,073
Temperature Adj: First 25,000 kWh (June 1 - Sept 15)	5,846,433	5,843,846	8.8711 ¢	\$518,413	9.1876 ¢	\$536,909
Temperature Adj: Next 225,000 kWh (June 1 - Sept 15)	7,541,367	7,538,031	6.6296 ¢	\$499,741	6.8661 ¢	\$517,570
Temperature Adj: All Add'l kWh (June 1 - Sept 15)	973,819	973,389	4.9616 ¢	\$48,296	5.1386 ¢	\$50,019
Temperature Adj: All kWh (Sept 16 - May 31)	13,541,567	13,535,576	7.5441 ¢	\$1,021,137	7.8232 ¢	\$1,058,919
Temp Subtotal	27,903,186	27,890,842		\$2,087,587		\$2,163,417
Unbilled	223,782	223,683		\$21,968		\$21,968
TAA			(0.2610) ¢	(\$1,606,878)	0.0000 ¢	\$0
Base Total	616,158,378	615,885,795		\$53,958,970		\$57,547,458

SCHEDULE NO. 11 - Company-Owned Street Lighting Service						
Level 1 (0-3,500 LED Equivalent Lumens)		84			9.23	\$775
Level 2 (3,501-5,500 LED Equivalent Lumens)		3,042			9.92	\$30,177
Level 3 (5,501-8,000 LED Equivalent Lumens)		134			10.42	\$1,396
Level 4 (8,001-12,000 LED Equivalent Lumens)		0			10.96	\$0
Level 5 (12,001-15,500 LED Equivalent Lumens)		172			11.69	\$2,011
Level 6 (15,501 and Greater LED Equivalent Lumens)		60			13.79	\$827
Charges per Lamp						
HPS - 70W	84	84	\$15.35	\$1,289		
HPS - 100W	2,983	2,981	\$19.15	\$57,086		
HPS - 150W	134	134	\$26.10	\$3,497		
HPS - 250W	172	172	\$36.44	\$6,268		
HPS - 400W	60	60	\$53.49	\$3,209		
HPS 100 W - Decorative Series 1	0	0	\$31.68	\$0		
HPS 150W - Decorative Series 1	0	0	\$34.76	\$0		
HPS 100W Decorative Series 2	0	0	\$26.07	\$0		
HPS 150W - Decorative Series 2	0	0	\$29.07	\$0		
LED 50 Watt	61	61	\$15.34	\$936		
LED 75 Watt	0	0	\$16.83	\$0		
LED 135 Watt	0	0	\$22.84	\$0		
LED 185 Watt	0	0	\$28.94	\$0		
Avg Customers	56	57				
All kWh	153,048	152,981				
Base Subtotal	153,048	152,981		\$72,285		\$34,904
Unbilled	735	735		\$282		\$282
TAA			(0.4850) ¢	(\$742)	0.0000 ¢	\$0
Base Total	153,783	153,716		\$71,825		\$35,186

ROCKY MOUNTAIN POWER
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	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 12E - Customer-Owned Street Lighting Service-Energy Only						
Charges per Lamp						
LPS-180W	96	96	\$9.36	\$899	\$6.81	\$654
MH-175W	0	0	\$7.20	\$0	\$5.24	\$0
MH-250W	0	0	\$9.86	\$0	\$7.18	\$0
MH-400W	84	84	\$15.49	\$1,301	\$11.28	\$947
MH-1000W	0	0	\$37.09	\$0	\$27.00	\$0
MH-100W	0	0	\$4.10	\$0	\$2.98	\$0
HPS-70W	132	132	\$2.90	\$383	\$2.11	\$279
HPS-100W	1,779	1,778	\$4.06	\$7,219	\$2.96	\$5,255
HPS-150W	1,152	1,151	\$6.04	\$6,952	\$4.40	\$5,061
HPS-250W	299	299	\$10.32	\$3,086	\$7.51	\$2,246
HPS-400W	1,020	1,020	\$15.85	\$16,167	\$11.54	\$11,770
Non-Listed Luminaire - Energy Only	104,711	104,664	10.5139 ¢	\$11,004	7.6542 ¢	\$8,011
Avg Customers	51	52				
All kWh	444,733	444,536				
Base Subtotal	444,733	444,536		\$47,011		\$34,224
Unbilled	2,135	2,134		\$183		\$183
TAA			(0.1910) ¢	(\$849)	0.0000 ¢	\$0
Base Subtotal	446,868	446,670		\$46,345		\$34,407.28

SCHEDULE NO. 12F - Customer-Owned Street Lighting Service-Full Maintenance						
Charges per Lamp						
HPS-70W	7,130	7,127	\$6.71	\$47,822	\$4.93	\$35,111
HPS-100W	25,510	25,499	\$8.56	\$218,271	\$6.28	\$160,253
HPS-150W	1,534	1,534	\$10.27	\$15,754	\$7.54	\$11,567
HPS-250W	3,778	3,776	\$13.45	\$50,787	\$9.87	\$37,288
HPS-400W	816	816	\$17.93	\$14,631	\$13.16	\$10,742
Avg Customers	184	188				
All kWh	1,768,532	1,767,750				
Base Subtotal	1,768,532	1,767,750		\$347,265		\$254,959
Unbilled	8,491	8,487		\$1,359		\$1,359
TAA			(0.1910) ¢	(\$3,376)	0.0000 ¢	\$0
Base Total	1,777,023	1,776,237		\$345,248		\$256,318.48

SCHEDULE NO. 12P - Customer-Owned Street Lighting Service-Partial Maintenance						
Charges per Lamp						
MV-250W	144	144	\$16.79	\$2,418	\$12.28	\$1,769
MV-400W	240	240	\$22.47	\$5,393	\$16.44	\$3,945
HPS-70W	71	71	\$6.02	\$427	\$4.40	\$313
HPS-100W	684	684	\$7.75	\$5,301	\$5.67	\$3,878
HPS-250W	588	588	\$12.40	\$7,291	\$9.07	\$5,333
HPS-400W	408	408	\$16.71	\$6,818	\$12.22	\$4,987
Avg Customers	16	16				
All kWh	193,698	193,612				
Base Subtotal	193,698	193,612		\$27,648		\$20,224
Unbilled	930	930		\$108		\$108
TAA			(0.1910) ¢	(\$370)	0.0000 ¢	\$0
Base Total	194,628	194,542		\$27,386		\$20,331.81
Schedule 12 - Total	2,418,519	2,417,449		\$418,979		\$311,058

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 19/23 - Commercial and Industrial Space Heating						
Composite						
Customer Charge Secondary	1,038	1,061	\$23.00	\$24,403	\$18.00	\$19,098
All kWh (Jun - Oct)	1,239,897	1,239,348			9.5096 ¢	\$117,857
All kWh (Nov - May)	3,775,422	3,773,752			8.5672 ¢	\$323,304
All kWh (May - Oct)	1,490,324	1,489,664	9.6502 ¢	\$143,756		
All kWh (Nov - Apr)	3,524,995	3,523,436	7.2175 ¢	\$254,304		
Base Subtotal	5,015,319	5,013,100		\$422,463		\$460,259
Temperature Adj. (Jun-Oct)	(2,454)	(2,453)			9.5096 ¢	(\$233)
Temperature Adj. (Nov-May)	(208)	(208)			8.5672 ¢	(\$18)
Temperature Adj. (May-Oct)	(1,086)	(1,085)	9.6502 ¢	(\$105)		
Temperature Adj. (Nov-Apr)	(1,576)	(1,576)	7.2175 ¢	(\$114)		
Unbilled	78,695	78,661		\$6,422		\$6,422
TAA			(0.3020) ¢	(\$15,132)	0.0000 ¢	\$0
Base Total	5,091,352	5,089,100		413,534		466,430

SCHEDULE NO. 23 - General Service						
Composite						
Customer Charge Secondary	89,375	91,317	\$16.00	\$1,461,072	\$18.00	\$1,643,706
Customer Charge Primary	81	83	\$49.00	\$4,067	\$50.00	\$4,150
Total Customer Charges	89,456	91,400				
All kWh (Jun - Oct)	70,407,150	70,376,003			9.5096 ¢	\$6,692,454
All kWh (Nov - May)	104,232,182	104,186,071			8.5672 ¢	\$8,925,807
All kWh (May - Oct)	83,013,757	82,977,032	9.4410 ¢	\$7,833,862		
All kWh (Nov - Apr)	91,625,575	91,585,041	8.2742 ¢	\$7,577,929		
Seasonal Service Charge (Secondary)	0	0	\$192.00	\$0	\$216.00	\$0
Seasonal Service Charge (Primary)	0	0	\$588.00	\$0	\$600.00	\$0
Voltage Discount	402,055	401,877	(0.4397) ¢	(\$1,767)	(0.4397) ¢	(\$1,767)
Base Subtotal	174,639,332	174,562,073		\$16,875,163		\$17,264,350
Temperature Adj. (Jun-Oct)	(97,584)	(97,541)			9.5096 ¢	(\$9,276)
Temperature Adj. (Nov-May)	35,165	35,149			8.5672 ¢	\$3,011
Temperature Adj. (May-Oct)	(35,575)	(35,559)	9.4410 ¢	(\$3,357)		
Temperature Adj. (Nov-Apr)	(26,844)	(26,833)	8.2742 ¢	(\$2,220)		
Unbilled	3,268,646	3,267,200		\$317,944		\$317,944
TAA			(0.2430) ¢	(\$424,034)	0.0000 ¢	\$0
Base Total	177,845,559	177,766,881		16,763,496		17,576,029

SCHEDULE NO. 23A - General Service (Residential & Farm)						
Composite						
Customer Charge Secondary	30,244	30,901	\$16.00	\$494,416	\$18.00	\$556,218
Customer Charge Primary	12	12	\$49.00	\$588	\$50.00	\$600
Total Customer Charges	30,256	30,913				
All kWh (Jun - Oct)	13,274,005	13,268,132			9.5096 ¢	\$1,261,742
All kWh (Nov - May)	25,842,205	25,830,773			8.5672 ¢	\$2,212,969
All kWh (May - Oct)	15,648,095	15,641,173	9.4410 ¢	\$1,476,683		
All kWh (Nov - Apr)	23,468,115	23,457,733	8.2742 ¢	\$1,940,940		
Seasonal Service Charge (Secondary)	0	0	\$192.00	\$0	\$216.00	\$0
Seasonal Service Charge (Primary)	0	0	\$588.00	\$0	\$600.00	\$0
Voltage Discount	0	0	(0.4397) ¢	\$0	(0.4397) ¢	\$0
Base Subtotal	39,116,210	39,098,906		\$3,912,627		\$4,031,529
Unbilled	611,853	611,582		\$55,566		\$55,566
TAA			(0.2430) ¢	(\$95,010)	0.0000 ¢	\$0
Base Total	39,728,063	39,710,488		\$3,873,183		\$4,087,095

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 31 - Partial Requirements Service -- Large General Service -- 1,000 kW and Over						
Customer Charge per month						
Secondary			\$37.00		\$39.00	
Primary			\$111.00		\$118.00	
Transmission			\$370.00		\$390.00	
Facilities Charge, per kW month						
June through October						
Secondary					\$8.46	
Primary					\$8.08	
Transmission					\$6.01	
November through May						
Secondary					\$6.91	
Primary					\$6.53	
Transmission					\$4.54	
May through October						
Secondary			\$7.94			
Primary			\$7.58			
Transmission			\$5.70			
November through April						
Secondary			\$6.49			
Primary			\$6.13			
Transmission			\$4.30			
Back-up Power Charge, Regular, per kW day						
June through October						
Secondary					\$0.28	
Primary					\$0.27	
Transmission					\$0.20	
November through May						
Secondary					\$0.23	
Primary					\$0.22	
Transmission					\$0.15	
May through October						
Secondary			\$0.26			
Primary			\$0.25			
Transmission			\$0.19			
November through April						
Secondary			\$0.22			
Primary			\$0.21			
Transmission			\$0.14			
Back-up Power Charge, Maintenance, per kW day						
June through October						
Secondary					\$0.14	
Primary					\$0.14	
Transmission					\$0.10	
November through May						
Secondary					\$0.12	
Primary					\$0.11	
Transmission					\$0.08	
May through October						
Secondary			\$0.13			
Primary			\$0.13			
Transmission			\$0.10			
November through April						
Secondary			\$0.11			
Primary			\$0.11			
Transmission			\$0.07			

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
Excess Power Charge, per kW month						
June through October						
Secondary					\$30.60	
Primary					\$29.21	
Transmission					\$21.64	
November through May						
Secondary					\$25.16	
Primary					\$23.78	
Transmission					\$16.33	
May through October						
Secondary			\$28.72			
Primary			\$27.42			
Transmission			\$20.52			
November through April						
Secondary			\$23.62			
Primary			\$22.32			
Transmission			\$15.48			
Subtotal						
Supplementary Power Charge, per kW month						
June through October						
Secondary					\$14.15	
Primary					\$13.50	
Transmission					\$10.82	
November through May						
Secondary					\$12.75	
Primary					\$12.10	
Transmission					\$9.75	
May through October						
Secondary			\$14.36			
Primary			\$13.71			
Transmission			\$10.26			
November through April						
Secondary			\$11.81			
Primary			\$11.16			
Transmission			\$7.74			
Supplementary and Back-Up Energy Charge, per kWh						
June through October						
Secondary					4.4207 ¢	
Primary					4.4207 ¢	
Transmission - On-Peak					5.1115 ¢	
Transmission - Off-Peak					4.4755 ¢	
November through May						
Secondary					4.4207 ¢	
Primary					4.4207 ¢	
Transmission - On-Peak					4.6365 ¢	
Transmission - Off-Peak					4.0005 ¢	
May through October						
Secondary			3.9880 ¢			
Primary			3.9880 ¢			
Transmission			4.1872 ¢			
November through April						
Secondary			3.9880 ¢			
Primary			3.9880 ¢			
Transmission			4.1872 ¢			
Subtotal						
TAA						
Secondary			(0.2160) ¢		0.0000 ¢	
Primary			(0.2160) ¢		0.0000 ¢	
Transmission			(0.1580) ¢		0.0000 ¢	
Total						

ROCKY MOUNTAIN POWER
 STATE OF IDAHO
 NORMALIZED BILLING DETERMINANTS
 ADJUSTED HISTORICAL 12 MONTHS ENDED DECEMBER 2020

	2019 Units	Adjusted 2020 Units	Present Price	Present Revenue Dollars	Proposed Price	Proposed Revenue Dollars
SCHEDULE NO. 35 - General Service - Optional TOD						
Composite						
Customer Charge Secondary	24	24	\$67.00	\$1,608	\$72.00	\$1,728
Customer Charge Primary	0	0	\$165.00	\$0	\$177.00	\$0
Total Customer Charges	24	24				
All On-Peak kW	360	360	\$16.45	\$5,922	\$17.61	\$6,340
All kWh	273,786	273,665	5.2197 ¢	\$14,284	5.5864 ¢	\$15,288
Seasonal Service Charge (Secondary)	0	0	\$804.00	\$0	\$864.00	\$0
Seasonal Service Charge (Primary)	0	0	\$1,980.00	\$0	\$2,124.00	\$0
Voltage Discount	0	0	(\$0.84)	\$0	(\$0.84)	\$0
Base Subtotal	273,786	273,665		\$21,814		\$23,356
Unbilled	4,262	4,260		\$332		\$332
TAA			(0.1780) ¢	(\$487)	0.0000 ¢	\$0
Base Total	278,048	277,925		\$21,659		\$23,688

SCHEDULE NO. 35A - General Service - Optional TOD (Commercial)

Customer Charge Secondary		0	\$67.00	\$0	\$72.00	\$0
Customer Charge Primary		0	\$165.00	\$0	\$177.00	\$0
Total Customer Charges		0				
All On-Peak kW		0	\$16.45	\$0	\$17.61	\$0
All kWh		0	5.2197 ¢	\$0	5.5864 ¢	\$0
Seasonal Service Charge (Secondary)		0	\$804.00	\$0	\$864.00	\$0
Seasonal Service Charge (Primary)		0	\$1,980.00	\$0	\$2,124.00	\$0
Voltage Discount		0	(\$0.84)	\$0	(\$0.84)	\$0
Base Subtotal		0		\$0		\$0
Unbilled		0		\$0		\$0
TAA			(0.1780) ¢	\$0	0.0000 ¢	\$0
Base Total		0		\$0		\$0

SCHEDULE 400 Firm Energy and Power

Customer Charges	12	12	\$1,586.00	\$19,032	\$1,618.00	\$19,416
kW	257,120	257,006	\$15.91	\$4,088,965	\$16.23	\$4,171,207
kWh	39,896,000	39,878,350	3.3908 ¢	\$1,352,195	3.4608	\$1,380,109
Excess kVar	52,061	52,038	\$0.96	\$49,956	\$0.96	\$49,956
Unbilled						
TAA			-0.1590 ¢	(\$63,407)	0.0000 ¢	\$0
Total-Normalized	39,896,000	39,878,350		\$5,446,741		\$5,620,688

Interruptible Energy and Power

Customer Charges						
kW	1,911,648	1,910,802	\$15.91	\$30,400,860	\$16.23	\$31,012,316
kWh	1,301,396,000	1,300,820,275	3.3908 ¢	\$44,108,214	3.4608	\$45,018,742
Unbilled						
TAA			-0.1590 ¢	(\$2,068,304)	0.0000 ¢	\$0
Total-Normalized	1,301,396,000	1,300,820,275		\$72,440,770		\$76,031,058

Curtailed Energy

Curtailed kWh	29,030,000	29,017,157	3.3908 ¢	\$983,914	3.4608	\$1,004,225
TAA			-0.1590 ¢	(\$46,137)	0.0000 ¢	\$0
Total Schedule 400	1,370,322,000	1,369,715,782		\$78,825,288		\$82,655,971

SCHEDULE 401/9

Customer Charges	11	11	\$442.00	\$4,862	\$390.00	\$4,290
All kW (Jun - Oct)	55,553	55,529		\$10.82	\$600,824	
All kW (Nov - May)	102,526	102,480		\$9.75	\$999,180	
On-peak kWh (Jun - Oct)	15,383,684	12,311,974		5.1115 ¢	\$629,325	
Off-peak kWh (Jun - Oct)	21,105,916	24,161,484		4.4755 ¢	\$1,081,344	
On-peak kWh (Nov - May)	28,188,964	22,498,417		4.6365 ¢	\$1,043,129	
Off-peak kWh (Nov - May)	39,153,836	44,814,591		4.0005 ¢	\$1,792,788	
All kW (May-October)	85,704	85,666	\$17.60	\$1,507,722		
All kW (November-April)	72,375	72,343	\$14.19	\$1,026,547		
HLH kWh (May-October)	25,860,142	25,848,702	3.9460 ¢	\$1,019,990		
HLH kWh (November-April)	21,626,428	21,616,861	3.3254 ¢	\$718,847		
LLH kWh (May-October)	25,307,132	25,295,936	3.0240 ¢	\$764,949		
LLH kWh (November-April)	31,038,698	31,024,967	3.0240 ¢	\$938,195		
Unbilled						
Total-TAA			-0.1570 ¢	(\$162,945)	0	\$0
Total	103,832,400	103,786,466		\$5,818,167		\$6,150,880

IDAHO JURISDICTIONAL TOTALS:

Subtotal	3,482,989,809	3,481,448,968		\$275,247,904		\$286,504,752
Temperature Adj	21,389,220	21,379,757		\$1,356,256		\$1,417,383
Unbilled	23,540,398	23,529,984		\$1,994,558		\$1,994,558
TAA				(\$7,713,103)		\$0
AGA Revenue				\$605,509		\$605,509
Total	3,527,919,427	3,526,358,711		\$271,491,124		\$290,522,202
Total Base (exclude TAA)						\$290,522,202