

May 7, 2019

***VIA ELECTRONIC FILING  
AND OVERNIGHT DELIVERY***

Wyoming Public Service Commission  
2515 Warren Avenue, Suite 300  
Cheyenne, Wyoming 82002

Attn: Chris Petrie, Chief Counsel

Docket No. 20000-558-EM-19  
Record No. 15236

**RE: IN THE MATTER OF THE APPLICATION OF ROCKY MOUNTAIN POWER FOR AUTHORITY TO INCREASE CURRENT RATES BY \$9.96 MILLION TO RECOVER DEFERRED NET POWER COSTS UNDER TARIFF SCHEDULE 95 ENERGY COST ADJUSTMENT MECHANISM AND TO INCREASE CURRENT RATES BY \$10 THOUSAND UNDER TARIFF SCHEDULE 93, REC AND S02 REVENUE ADJUSTMENT MECHANISM – RRA Errata Filing**

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Rocky Mountain Power hereby files an original and four copies of corrections to its request to change rates in its Energy Cost Adjustment Mechanism (“ECAM”) and its Renewable Energy Credit and Sulfur Dioxide (“S02”) Revenue Adjustment (“RRA”) Mechanism filed in this docket on April 15, 2019 (the “ECAM/RRA Application”).

Rocky Mountain Power found an error in a supporting exhibit to the direct testimony of Company witness Terrell H Spackman which, when corrected, results in an overall decrease to customer rates of approximately \$132 thousand (or -0.02 percent) related to the RRA Mechanism under tariff Schedule 93, rather than the \$10 thousand rate increase that was originally requested. This error also impacted the direct testimony and certain exhibits of Company witness Robert M. Meredith.

Attachment 1 contains the corrected testimony and application pages along with certain exhibits as shown below:

- Application (pages 1-2; 9-13);
- Direct testimony of Terrell H Spackman (pages 2; 4; 6-7; 9; and 11);
- Exhibits RMP\_\_\_\_(THS-1) through RMP\_\_\_\_(THS-3) to Mr. Spackman’s direct testimony *should be replaced in their entirety*;
- Direct testimony of Robert M. Meredith (pages 2-3);
- Exhibits RMP\_\_\_\_(RMM-1) and RMP\_\_\_\_(RMM-3) to Mr. Meredith’s direct testimony *should be replaced in their entirety*; and
- Exhibit RMP\_\_\_\_(RMM-4) (pages 1-3; 8-11) to Mr. Meredith’s direct testimony *should be replaced in their entirety*.

Wyoming Public Service Commission

May 7, 2019

Page 2

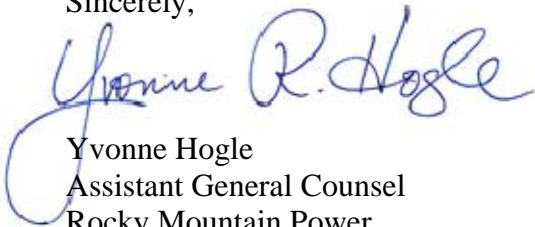
Attachment 2 contains the redline version of the corrected testimony and application pages to show the specific changes from the ECAM/RRA Application and this errata filing:

- Redline application (pages 1-2; 9-13);
- Redline direct testimony of Terrell H Spackman (pages 2; 4; 6-7; 9; and 11); and
- Redline direct testimony of Robert M. Meredith (pages 2-3).

Rocky Mountain Power requests that the Wyoming Public Service Commission (“Commission”) and the parties in the docket replace the original referenced pages with the enclosed corrected pages. The Company also requests the updated tariff Schedule 93 rates with this errata filing become effective on an interim basis on June 15, 2019.

Please feel free to direct any inquiries regarding this matter to Stacy Splittstoesser at (307) 632-2677.

Sincerely,

A handwritten signature in blue ink that reads "Yvonne R. Hogle". The signature is written in a cursive style with a large initial "Y".

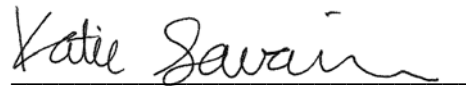
Yvonne Hogle  
Assistant General Counsel  
Rocky Mountain Power

cc: Service List

CERTIFICATE OF SERVICE

I hereby certify that on May 7, 2019, I caused to be served via email and/or overnight delivery a true and correct copy of the foregoing document to the following:

<b>Office of Consumer Advocates</b>	
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<b>Rocky Mountain Power</b>	
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Katie Savarin  
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# Attachment 1

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*Attorneys for Rocky Mountain Power*

**BEFORE THE WYOMING PUBLIC SERVICE COMMISSION**

IN THE MATTER OF THE APPLICATION OF  
ROCKY MOUNTAIN POWER TO INCREASE  
CURRENT RATES BY \$9.96 MILLION TO  
RECOVER DEFERRED NET POWER COSTS  
UNDER TARIFF SCHEDULE 95 ENERGY  
COST ADJUSTMENT MECHANISM AND TO  
INCREASE CURRENT RATES BY \$10  
THOUSAND UNDER TARIFF SCHEDULE 93,  
REC AND SO<sub>2</sub> REVENUE ADJUSTMENT  
MECHANISM

Docket No. 20000-558-EM-19  
(Record No. 15236)

**APPLICATION**

Rocky Mountain Power, a division of PacifiCorp (“Company” or “Rocky Mountain Power”), hereby submits this application (“Application”) to the Wyoming Public Service Commission (“Commission”) under two different rate schedules: (1) its energy cost adjustment mechanism (“ECAM”) Tariff Schedule 95, requesting approval to collect approximately \$6.55 million in deferred net power costs (“NPC”); and (2) its REC and SO<sub>2</sub> revenue adjustment mechanism (“RRA”) Tariff Schedule 93, requesting approval to refund approximately \$132 thousand to customers to reflect the sale of renewable energy credits (“RECs”) and sulfur dioxide (“SO<sub>2</sub>”) emission allowances. The total ECAM deferral from calendar year 2018 (“Deferral Period”) was a charge of approximately \$6.55 million consisting of the following components: 1) deferred ECAM costs after the 30 percent sharing (ECAM costs include NPC, the embedded cost

differential (“ECD”), chemical costs, and start-up fuel costs); 2) accrued interest of approximately \$209 thousand; 3) a credit of approximately \$55 thousand remaining from the 2017 ECAM; 4) an increase of approximately \$170 thousand remaining from the 2018 ECAM; and 5) a credit of approximately \$100 thousand related to the settlement of the 2017 ECAM.

The Company proposes to collect the deferral balance of \$6.55 million over a 12-month period, from June 15, 2019 through June 14, 2020. The annual rate effective date for Schedule 95 is June 15.

The Company is proposing to revise Tariff Schedule 95 by removing the current refund to customers of approximately \$3.41 million (adjusted for load) and adding the charge of approximately \$6.55 million, for a total increase of approximately \$9.96 million or 1.46 percent.

Under Tariff Schedule 93, the Company is proposing to refund to customers approximately \$379 thousand to account for calendar year 2018 balancing account adjustments and 2019 forecast sales revenues for REC and SO<sub>2</sub> products in the market. From the currently approved approximately \$247 thousand sur-credit, this results in a rate decrease of approximately \$132 thousand from current rates, as more fully described below.

The proposed RRA rate adjustment and percentage impact varies by rate schedule under the terms in Tariff Schedule 93 as illustrated later in this Application. Rocky Mountain Power respectfully requests that this increase in Wyoming rates become effective on an interim basis June 15, 2019, subject to further review and hearing. In support of its Application, Rocky Mountain Power states as follows:

1. Rocky Mountain Power is a division of PacifiCorp, an Oregon corporation, which provides electric service to retail customers through its Rocky Mountain Power division in the

Pricing and Cost of Service. Ms. Wiencke's testimony addresses the historical and forecast sale of RECs and SO<sub>2</sub> allowances. Mr. Spackman's testimony addresses the allocation of total-Company sales to Wyoming and the calculation of the deferral component to true up calendar year 2019 REC and SO<sub>2</sub> sales. Mr. Meredith's testimony addresses the rate spread and rate design implementation of Tariff Schedule 93.

20. **Confidential Exhibits RMP\_\_\_(MMW-1)** through **RMP\_\_\_(MMW-9)** illustrate the total Company REC and SO<sub>2</sub> revenue forecast as well as the confidential actual total-Company REC sales by entity, price, resource and vintage.

21. The currently effective RRA in rates was developed for the then-forecast period beginning January 1, 2018, and ending December 31, 2018. **Exhibit RMP\_\_\_(THS-1)** is a summary of the RRA which shows that the Wyoming allocated REC and SO<sub>2</sub> sales deferred revenue balance from calendar year 2018, is approximately \$525 thousand charged to the customers. This includes a load adjustment and time value of money adjustment under the terms of Schedule 93. The REC and SO<sub>2</sub> revenue forecast for calendar year 2019 is approximately \$903 thousand owing to customers. Combining the deferred and forecast RRA figures results in the total 2019 RRA sur-credit of approximately \$132 thousand owing to customers. The existing RRA sur-credit in rates is approximately \$247 thousand. The difference between the current sur-credit in rates of approximately \$247 thousand and the proposed sur-credit of approximately \$379 thousand results in a rate decrease of approximately \$132 thousand over a 12-month period from June 15, 2019 through June 14, 2020.

22. **Exhibit RMP\_\_\_(THS-2)** shows the detailed calculation of forecast REC and SO<sub>2</sub> revenues for the 12-months ending December 31, 2019, including applicable renewable portfolio standards and the allocation of RECs to Wyoming. The Wyoming allocated REC and SO<sub>2</sub> sales

revenue forecast for the 2019 forecast period including interest during the recovery period is approximately \$903 thousand.

23. **Exhibit RMP\_\_\_(THS-3)** shows the detailed calculation of the REC and SO<sub>2</sub> deferred balance, which includes an adjustment for the time value of money as specified in the tariff. The actual REC and SO<sub>2</sub> sales revenue received by the Company during calendar year 2018 and through June 14, 2019, in comparison to the REC and SO<sub>2</sub> credit that was included in rates, is approximately \$525 thousand charged to the customers including the time value of money adjustments.

24. **Table B** below summarizes the proposed price changes by tariff rate schedule applicable to the 2018 RRA adjustment. Within each rate schedule, the percentage change to individual customers may be higher or lower than the average due to rate design, customer load factors, and usage characteristics. **Exhibit RMP\_\_\_(RMM-3)** shows the RRA price change across rate schedules. It also includes billing determinants for rate design purposes through June 2020, both present and proposed rates for each rate schedule. The resulting RRA rate change in this Application represents an overall proposed rate decrease of approximately \$132 thousand, or approximately -0.02 percent.



**Table B - RRA Schedule 93**

<b>Customer Class</b>	<b>Proposed Percentage Change</b>
<b>Residential</b>	
Schedule 2	(0.03)%
<b>General Service</b>	
Schedule 25	(0.02)%
Schedule 28	(0.03)%
<b>Large General Service</b>	
Schedule 33	(0.02)%
Schedule 46	(0.01)%
Schedule 48T	(0.02)%
<b>Irrigation</b>	
Schedule 40	0.00%
Schedule 210	(0.05)%
<b>Lighting Schedules</b>	0.06%
<b>Overall</b>	(0.02)%

25. Mr. Meredith has provided testimony and exhibits in this Application which explain how the deferred NPC ECAM rate increase and the RRA rate increase are spread to the Company's service schedules. **Exhibit RMP\_\_\_(RMM-1)** is a summary rate spread exhibit which shows the combined rate spread related to both the ECAM and RRA rate increases and includes monthly billing comparisons for the combined impact by rate schedule. **Exhibit RMP\_\_\_(RMM-2)** shows the rate spread, billing determinants and rates related to the ECAM, and **Exhibit RMP\_\_\_(RMM-3)** shows the rate spread, billing determinants and rates related to the RRA.

26. Table C below summarizes the proposed price changes by tariff rate schedule applicable to the combined 2019 RRA adjustment and 2019 ECAM. Within each rate schedule, the percentage change to individual customers may be higher or lower than the average due to rate design, customer load factors, and usage characteristics. The combined effect of the 2019 RRA and ECAM in this Application represents an overall proposed rate increase of approximately \$9.82 million or approximately 1.44 percent. However, the Company is proposing to offset these increases, in part, with a rate decrease proposed to implement a \$2.3 million refund on Schedule 92, Bonus Tax Depreciation, filed in Docket No. 20000-506-EA-16, and a forthcoming filing to revise Schedule 197, Federal Tax Act Adjustment.

**Table C - Combined Schedules 93 and 95**

<b>Residential</b>	
Schedule 2	1.04%
<b>General Service</b>	
Schedule 25	1.11%
Schedule 28	1.37%
<b>Large General Service</b>	
Schedule 33	1.47%
Schedule 46	1.63%
Schedule 48T	1.64%
<b>Irrigation</b>	
Schedule 40	1.35%
Schedule 210	1.08%
<b>Lighting Schedules</b>	0.80%
<b>Overall</b>	1.44%

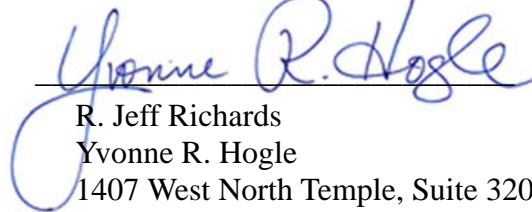
27. **Exhibit RMP\_\_\_(RMM-4)**, contains proposed revised tariff Schedule 93 and Schedule 95 in both legislative and final formats with the RRA and ECAM rates, respectively, that reflect the calculations and analysis set forth in the exhibits to this Application.

28. In order to expedite the approval process of this Application, the Company has included both printed and electronic versions of a proposed Notice of Application.

WHEREFORE, Rocky Mountain Power respectfully requests that the Commission issue a Notice of Application for the 2019 RRA and the 2019 ECAM as soon as practicable. Rocky Mountain Power further requests that the Commission approve interim rates as provided in tariff Schedule 95 to charge approximately \$6.55 million in ECAM deferred NPC and approve interim rates as provided in tariff Schedule 93 to refund customers approximately \$379 thousand as a sur-credit to reflect RRA forecast and true-up of REC and SO<sub>2</sub> revenues as identified in this Application, both with an interim effective date of June 15, 2019.

DATED this 15<sup>th</sup> day of April, 2019.

Respectfully submitted,  
ROCKY MOUNTAIN POWER



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*Attorneys for Rocky Mountain Power*

Docket No. 20000-558-EM-19  
Witness: Terrell H Spackman

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Direct Testimony of Terrell H Spackman

Clean

May 2019

1 **PURPOSE OF TESTIMONY**

2 **Q. Please describe the purpose of your testimony.**

3 A. My testimony supports the calculation of the Company’s REC and Sulfur Dioxide  
4 (“SO<sub>2</sub>”) Revenue Adjustment Mechanism (“RRA”) filing for Tariff Schedule 93. I  
5 illustrate how the forecast and deferral components produce an RRA sur-credit of \$379  
6 thousand. In support of this request, my testimony includes the following:

- 7 • Explanation of the process used to determine the Wyoming-allocated REC and SO<sub>2</sub>  
8 revenues for the 12 months ending December 31, 2019 (the “Forecast Period”), and  
9 the 12 months ended December 31, 2018, (the “Comparison Period”);
- 10 • Discussion of the deferral balance calculation that represents the true-up of calendar  
11 year 2018 actual REC and SO<sub>2</sub> revenues to the amount included in rates; and
- 12 • Explanation of the REC revenues associated with the Leaning Juniper contract  
13 included in this RRA filing.

14 **Q. Please describe Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3).**

15 A. Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3) support the calculation of the  
16 requested RRA sur-credit of \$379 thousand. They also illustrate how the Company  
17 determined the Wyoming-allocated amount of REC and SO<sub>2</sub> revenues in the Forecast  
18 Period and the Comparison Period.

19 **Q. Please describe how Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3) are  
20 organized.**

21 A. Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3) are organized as follows:

- 22 • Exhibit RMP\_\_(THS-1) contains a summary of the RRA calculation highlighting  
23 how the forecast and deferral components contribute to the Company’s sur-credit

- 1 • Page 3.4 provides the calculation of the allocation factors for the  
2 Comparison Period, which were used to allocate actual 2018 REC and SO<sub>2</sub>  
3 revenues to Wyoming.

4 **SUMMARY OF RRA FILING**

5 **Q. Please summarize the various components of the Company's RRA filing that**  
6 **comprise the Schedule 93 sur-credit of \$379 thousand.**

7 A. The Company calculated the RRA filing based on the methodology described in  
8 Schedule 93. The table below provides a summary of how the Company arrived at the  
9 \$379 thousand requested sur-credit.

10 **Corrected Table 1**  
**Summary of REC and SO<sub>2</sub> Revenue Adjustment Mechanism**

<b>Description</b>	<b>Amount</b>
Forecast REC and SO <sub>2</sub> Revenue Projection	\$903,830
REC and SO <sub>2</sub> Revenue Deferred Balance	<u>(524,737)</u>
Total RRA - Proposed	379,093
Total RRA Sur-credit - Docket 20000-535-EA-18	247,259
Change in RRA Schedule 93	131,834

11 **Q. How does the Company propose to refund this amount?**

12 A. The Company is proposing to refund this amount over a 12-month period from June 15,  
13 2019, through June 14, 2020. The proposed rate change to implement the RRA is  
14 provided in the direct testimony and supporting exhibits of Company witness Mr.  
15 Robert M. Meredith.

1 allocated share of REC revenue using the System Generation (“SG”) factor, including  
2 a reallocation of revenue initially allocated system-wide to reflect compliance with  
3 state RPS. The Company allocates REC revenues attributable to the Leaning Juniper  
4 contract using the SG factor.

5 **Q. Please describe the time value of money adjustment.**

6 A. Tariff Schedule 93 details the calculation of the time value of money adjustment that  
7 was approved by the Wyoming Public Service Commission (“Commission”) in  
8 Docket No. 20000-384-ER-10 (“2010 GRC”). The Company discounted the Forecast  
9 Period RRA revenues by a 5.03 percent discount rate over a 15-month period, as  
10 defined in the tariff, producing an adjustment of approximately \$61 thousand. The tariff  
11 defines the calculation of the 5.03 percent as the sum of the interest rate determined by  
12 the Commission pursuant to Commission Rule Chapter 3, Section 7, which is 3.53  
13 percent for 2019, plus 1.5 percent.

14 **COMPARISON PERIOD REC AND SO<sub>2</sub> REVENUE DEFERRAL**

15 **Q. What is the Comparison Period REC and SO<sub>2</sub> revenue deferral component of the**  
16 **Tariff Schedule 93?**

17 A. The Company will collect from customers approximately \$525 thousand which  
18 comprises the Comparison Period REC and SO<sub>2</sub> revenue deferral.

19 **Q. Please explain what this amount represents and how it is calculated.**

20 A. The deferral component for the Comparison Period represents a true-up of the  
21 difference between actual REC and SO<sub>2</sub> revenues during the 12 months ended  
22 December 31, 2018, and the amount of REC and SO<sub>2</sub> revenues in rates during the same  
23 period, calculated in detail in Exhibit RMP\_\_\_\_(THS-3). The December 31, 2017,

1 ending balance of \$382 thousand from the Company's 2018 RRA filing was rolled over  
2 to become the January 1, 2018, beginning balance of the 2018 RRA Comparison  
3 Period. The monthly REC and SO<sub>2</sub> revenues in rates were compared to the actual  
4 monthly revenues realized in 2018. The difference, adjusted for the time value of  
5 money and load variance, was deferred each month, netted against the actual Tariff  
6 Schedule 93 surcharge, and accrued carrying charges in accordance with the tariff. The  
7 \$525 thousand is collected from customers in the current RRA.

8 **Q. How did the Company determine the Wyoming-allocated REC and SO<sub>2</sub> revenue**  
9 **in rates during the Comparison Period as shown on lines 3 and 4 of Exhibit**  
10 **RMP\_\_\_(THS-3)?**

11 A. The RRA revenues in rates during 2018 were determined using the REC and SO<sub>2</sub>  
12 revenues included in the 2017 RRA and the 2018 RRA. The REC and SO<sub>2</sub> revenues  
13 shown for January 1, 2018, through June 30, 2018, reflect the amount set in rates in the  
14 2017 RRA. The REC and SO<sub>2</sub> revenues shown for July 1, 2018, through December 31,  
15 2018, reflect the amount approved in rates in the 2018 RRA. A summary of these  
16 amounts is provided on Page 2.2 of Exhibit RMP\_\_\_(THS-2).

17 **Q. Please describe the load adjustment.**

18 A. Tariff Schedule 93 specifies that the deferral balance is to be adjusted for the difference  
19 between forecast billed units and actual billed units. The Company adjusted the  
20 monthly revenues in rates for the corresponding difference between the actual 2018  
21 load and the previous forecast load used to set rates. The monthly detail of load in rates  
22 and actual load is provided on page 3.1 of Exhibit RMP\_\_\_(THS-3). The 2017 RRA



1 Period were calculated as the rate determined by the Commission pursuant to  
2 Commission Rule Chapter 3, Section 7 plus 1.5 percent per the tariff as shown in  
3 Exhibit RMP\_\_\_\_(THS-2) on Page 2.2.

4 **Q. Please explain how the January 1, 2018, beginning balance was determined.**

5 A. In Exhibit RMP\_\_\_\_(THS-3), line 13, the January 1, 2018, beginning balance is \$382  
6 thousand. This amount represents the December 31, 2017, ending balance from the  
7 2018 RRA, Exhibit RMP\_\_\_\_(THS-3), as shown on line 17 in this exhibit. Resource  
8 assignment for REC sales revenue was correctly estimated for December 2017. No  
9 adjustment is required to true-up the December 31, 2017 ending balance.

10 **Q. What do the collection amounts on Exhibit RMP\_\_\_\_(THS-3), line 15 represent?**

11 A. The collection amounts on Exhibit RMP\_\_\_\_(THS-3), line 15 represent the actual billed  
12 Tariff Schedule 93 surcharges the Company collected from Wyoming customers related  
13 to the deferral component established in the 2018 RRA. The January 1, 2018, through  
14 June 30, 2018, figures represent the amount set in the 2017 RRA. In the 2018 RRA,  
15 Exhibit RMP\_\_\_\_(THS-1), line 2 showed a REC and SO<sub>2</sub> revenue deferred balance of  
16 \$403 thousand. This amount was included in the 2018 RRA, which became effective  
17 July 1, 2018. During the 2018 deferral period, the actual collections from customers  
18 related to the deferral component of Tariff Schedule 93 were approximately \$178  
19 thousand.

20 **Q. Please describe what the estimated Tariff Schedule 93 surcharge January 1, 2019**  
21 **through June 14, 2019 represents.**

22 A. This surcharge represents an estimate that will be collected from customers during  
23 January through June 2019 as a result of the 2018 RRA filing. With the exception of

1 **Q. Does the Company's request include carrying charges through the collection**  
2 **period, June 15, 2019, through June 14, 2020?**

3 A. Yes. The Company has included \$29 thousand for carrying charges. This amount  
4 includes \$18 thousand for the period from January 1, 2018, to December 31, 2018, and  
5 \$11 thousand for the interim period from January 1, 2019, through June 14, 2019. These  
6 amounts are included in Exhibit RMP\_\_\_\_(THS-3).

7 **Q. Does this conclude your direct testimony?**

8 A. Yes.

Rocky Mountain Power  
Exhibit RMP\_\_\_(THS-1)  
Docket No. 20000-558-EM-19  
Witness: Terrell H Spackman

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Exhibit Accompanying Direct Testimony of Terrell H Spackman

Summary of the RRA Calculation

May 2019

**Rocky Mountain Power**  
**Wyoming REC and SO2 Revenue Adjustment Mechanism**  
April 15, 2019 *Corrected as of May 6, 2019*

*Summary of Wyoming REC and SO2 Revenue Adjustment Mechanism (Schedule 93)*

<b>Line</b>	<b>Description</b>	<b>Amount</b>	<b>Reference</b>
1	Forecast REC and SO2 Revenue Projection	\$ 903,830	RMP_(THS-2)
2	REC and SO2 Revenue Deferred Balance	(524,737)	RMP_(THS-3)
3	Total RRA - Proposed	379,093	Line 1 + Line 2
4	Total RRA Surcredit - Docket 20000-535-EA-18	247,259	RMP_(RMM-3)
5	Change in RRA Schedule 93	131,834	Line 3 - Line 4

Rocky Mountain Power  
Exhibit RMP\_\_\_(THS-2)  
Docket No. 20000-558-EM-19  
Witness: Terrell H Spackman

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Exhibit Accompanying Direct Testimony of Terrell H Spackman

REC and SO<sub>2</sub> Forecast

May 2019

**Rocky Mountain Power**  
**Wyoming REC and SO2 Revenue Adjustment Mechanism**  
 April 15, 2019

*Corrected as of May 6, 2019*

*Calculation of Forecast REC and SO2 Revenue*

Line No.	Forecast Period	Current RRA Filing	Reference
		CY 2019	
	<i>Rate Effective Period</i>	June 15, 2019 -	
		June 14, 2020	
<b>REC Revenue</b>			
1	Total Company	4,390,488	Page 2.1
2	Wyoming Allocated	964,873	Page 2.1
<b>SO2 Revenue</b>			
3	Total Company	-	Page 2.1
4	Wyoming Allocated	-	Page 2.1
5	<b>Discount for Time Value of Money</b>	(61,043)	Schedule 93, page 2
6	Rate	5.03%	Customer Deposit Interest Rate + 1.5%
7	Months	15	Schedule 93, page 2
8	<b>RRA Surcredit</b>	903,830	Line 2 + Line 4 + Line 5

**Rocky Mountain Power**  
**Wyoming REC and SO2 Revenue Adjustment Mechanism**  
 April 15, 2019  
 Corrected as of May 6, 2019  
 Calculation of Wyoming Allocated Forecast REC and SO2 Revenue for CY 2019

December 2019 - REC Revenues - CA/OR/WA Eligible Resources(1)	\$ 391,800
December 2019 - REC Revenues - CA/OR Eligible Resources(1)	\$ 2,529,792
December 2019 - REC Revenues - CA Eligible Resources(1)	\$ 212,364
December 2019 REC Revenues - Known Sales	\$ 3,133,957

	Factor	Total	California	Oregon	Washington	Wyoming	Utah	Idaho	FERC	Other
		100.000%	1.552%	25.464%	7.761%	16.089%	43.527%	5.558%		0.049%
<b>Reallocate December 2019 for Renewable Portfolio Standards</b>	SG	391,800	6,080	99,767	30,408	63,037	170,539	21,777		192
<b>Estimated December 2019 REC Rev - Eligible for CA/OR/WA RPS</b>	SG	2,529,792	39,260	644,179	196,337	407,023	1,101,145	140,611		1,237
Adjustment for RPS/Commission Order	SG	936,417	14,532	238,446	72,675	150,662	407,595	52,048		458
Adjustment for RPS/Commission Order	Situs	(936,417)	(53,792)	(862,625)						
<b>Estimated December 2019 REC Revenues - Reallocated Totals</b>		<b>391,800</b>	-	-	-	<b>96,649</b>	<b>261,469</b>	<b>33,388</b>		<b>294</b>
<b>Estimated December 2019 REC Rev - Eligible for CA/OR RPS</b>	SG	2,529,792	39,260	644,179	196,337	407,023	1,101,145	140,611		1,237
Adjustment for RPS/Commission Order	SG	936,417	14,532	238,446	72,675	150,662	407,595	52,048		458
Adjustment for RPS/Commission Order	Situs	(936,417)	(53,792)	(862,625)						
<b>Estimated December 2019 REC Revenues - Reallocated totals</b>		<b>2,529,792</b>	-	-	<b>269,013</b>	<b>557,685</b>	<b>1,508,741</b>	<b>192,659</b>		<b>1,695</b>
<b>Estimated December 2019 REC Rev - Eligible for CA RPS Only</b>	SG	212,364	3,296	54,076	16,482	34,168	92,436	11,804		104
Adjustment for RPS/Commission Order	SG	3,348	52	852	260	539	1,457	186		2
Adjustment for RPS/Commission Order	Situs	(3,348)	(3,348)	(54,928)						
<b>Estimated December 2019 REC Revenues - Reallocated totals</b>		<b>212,364</b>	-	-	<b>16,741</b>	<b>34,706</b>	<b>93,893</b>	<b>11,990</b>		<b>105</b>
<b>Reallocated Revenues for 12 ME December 2019</b>	SG	1,148,670	17,826	292,494	89,148	184,812	499,983	63,845		562
	Situs	(1,148,670)	(66,462)	(1,090,515)	(46,621)					
<b>Estimated December 2019 REC Revenues - Total Reallocated Known Sales</b>		<b>3,133,957</b>	-	-	<b>285,754</b>	<b>689,040</b>	<b>1,864,103</b>	<b>238,037</b>		<b>2,094</b>

	Total Company	Percentage %	Wyoming Alloc	Reference
Known REC contract sales	3,133,957	100.00%		
Additional estimated REC revenue sales - Structured	341,025	10.88%	689,040	See Exhibit RMP (MMW-1)
Additional estimated REC revenue sales - Unstructured	908,180	28.97%	74,879	See Exhibit RMP (MMW-1)
Estimated Leaning Juniper revenue	7,326	0.23%	199,675	See Exhibit RMP (MMW-1)
<b>Total CY 2019 REC revenue forecast</b>	<b>4,390,488</b>	<b>139.88%</b>	<b>1,179</b>	<b>See Exhibit RMP (MMW-1)</b>

	Total Company	Percentage %	Wyoming Alloc	Reference
Forecast SO2 sales	-	0.00%	-	See Exhibit RMP (MMW-1)
		<b>17.61%</b>		

1) Please see Exhibit RMP (MMW-3) for the 2019 REC revenue forecast sales by resource

21.99% = (B) / (A)  
 16.09% = Wyoming SG Factor - Docket No. 20000-469-ER-15  
 17.61% = Wyoming SE Factor - Docket No. 20000-469-ER-15

**Rocky Mountain Power**  
**Wyoming REC and SO2 Revenue Adjustment Mechanism**  
 April 15, 2019

*Corrected as of May 6, 2019*

*Prior RRA Forecast REC and SO2 Revenue  
 (Used to calculate the amount of REC and SO2 in rates in THS-3, Lines 3, 4, and 6)*

Line No.		Docket No.	Docket No.
		20000-514-EA-17, Exhibit RMP___(THS-2)	20000-535-EA-18, Exhibit RMP___(THS-2)
	<b>Forecast Period</b>	CY 2017	CY 2018
	<i>Rate Effective Period</i>	<i>May 15, 2017 - June 30, 2018</i>	<i>July 1, 2018 - June 14, 2019</i>
	<b>REC Revenue</b>		
1	Total Company	5,547,420	3,041,874
2	Wyoming Allocated	1,232,239	686,867
	<b>SO2 Revenue</b>		
3	Total Company	-	-
4	Wyoming Allocated	-	-
5	<b>Discount for Time Value of Money</b>	(54,455)	(35,641)
6	Rate	3.52%	4.13%
7	Months	15	15
8	<b>RRA Surcredit</b>	1,177,784	651,226
	<b>Monthly Amount</b>		
9	Wyoming Allocated REC Revenue (Line 2 / 12)	102,687	57,239



Rocky Mountain Power  
Exhibit RMP\_\_\_(THS-3)  
Docket No. 20000-558-EM-19  
Witness: Terrell H Spackman

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Exhibit Accompanying Direct Testimony of Terrell H Spackman

REC and SO<sub>2</sub> Revenue Deferred Balance

May 2019

**Rocky Mountain Power**  
**Wyoming REC and SO2 Revenue Adjustment Mechanism**  
 April 15, 2019

Corrected as of May 6, 2019

**Calculation of REC and SO2 Revenue Deferred Balance**

**Comparison Period 2018**

Line No.	Reference	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total CY 2018
1	WY Load in Rates (@ sales)	857,927	771,082	825,836	783,879	769,879	784,127	799,077	787,507	746,717	770,830	776,448	829,075	9,523,384
2	WY Actual Load (@ sales)	817,266	739,489	776,127	742,861	781,298	771,740	851,205	804,152	732,649	726,072	787,034	862,596	9,392,489
3	WY REC in Rates	102,687	102,687	102,687	102,687	102,687	102,687	57,239	57,239	57,239	57,239	57,239	57,239	959,553
4	WY SO2 in Rates	(4,867)	(4,207)	(6,298)	(5,373)	(1,116)	(1,622)	3,734	1,210	(1,078)	(3,324)	780	2,314	(19,846)
5	Load Adjustment	(4,323)	(4,552)	(4,260)	(4,300)	(4,489)	(4,466)	(3,164)	(3,033)	(2,914)	(2,798)	(3,011)	(3,090)	(44,198)
6	Time Value of Money Adjustment	93,497	94,127	92,129	93,013	97,082	96,598	57,809	55,416	53,246	51,118	55,009	56,463	895,508
7	Total WY REC and SO2 in Rates	46,118	(9,648)	89,832	29,017	548	680	35,861	894	965	140,953	98,450	8,731	442,400
8	WY Actual REC Revenue	(2,918)	610	(5,683)	(1,838)	(35)	(0)	(43)	(57)	(61)	(8,917)	(6,228)	(552)	(27,991)
9	WY Actual SO2 Revenue	43,200	(9,038)	84,148	27,209	514	637	33,592	837	904	132,036	92,221	8,178	414,440
10	Time Value of Money Adjustment													
11	REC and SO2 Revenue Subject to Deferral	50,297	103,165	7,981	65,804	96,569	95,962	24,217	54,579	52,342	(80,918)	(37,212)	48,285	481,068
12	Monthly Deferral for Collection/(Refund)													
13	Beginning Balance	381,669	441,631	547,763	559,458	623,211	706,111	790,980	827,491	848,671	871,405	767,064	686,992	481,068
14	Monthly Deferral	50,297	103,165	7,981	65,804	96,569	95,962	24,217	54,579	52,342	(80,918)	(37,212)	48,285	481,068
15	Schedule 93 Deferral Collection	8,764	1,984	2,502	(3,345)	(15,124)	(12,731)	10,523	(35,233)	(31,491)	(38,208)	(34,440)	(33,629)	(177,527)
16	Carrying Charge	801	1,083	1,212	1,455	1,455	1,639	1,772	1,835	1,883	1,783	1,581	1,322	17,959
17	Ending Balance	441,631	547,763	559,458	623,211	706,111	790,980	827,491	848,671	871,405	767,064	686,992	703,170	

**Interim Period - Jan - June 14, 2019 (Footnote 6)**

Line No.	Reference	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total
18	Beginning Balance	703,170	672,722	641,464	610,146	578,735	547,232	3,753,468
19	Monthly Deferral							
20	Schedule 93 Deferral Collection	(32,468)	(33,188)	(33,157)	(33,157)	(33,157)	(33,157)	(198,284)
21	Carrying Charge	2,021	1,930	1,838	1,746	1,654	1,561	10,750
22	Ending Balance	672,722	641,464	610,146	578,735	547,232	515,636	
23	Accrued Interest during Rate Effective Period						9,101	
24	<b>REC and SO2 Revenue Deferred Balance</b>						<b>524,737</b>	

25 Deferred Balance Carrying Charge - 2018 Commission Rule Chpt. 3, Sect. 7 2.63%

26 Deferred Balance Carrying Charge - 2019 Commission Rule Chpt. 3, Sect. 7 3.53%

1) Please see Page 2.2. The January/2018 through June 30, 2018 REC and SO2 amounts in rates come from Docket No. 20000-514-EA-17. The July 1, 2018 through December 2018 REC and SO2 amounts in rates come from Docket No. 20000-535-EA-18.

2) In compliance with the Schedule 93 tariff, Line 5 adjusts the deferral calculation for the difference between the forecasted billed units, shown on Line 1 and actual billed units, shown on Line 2.

3) Lines 6 and 10 represents the time value of money adjustment. This is included to comply with the Schedule 93 tariff.

4) The beginning balance shown for January represents the \$382 thousand ending December 31, 2017 balance from Docket No. 20000-535-EA-18. No additional true-up was required since REC Resource assignments for 2018 remain unchanged from those included in the 2018 RRA filing.

5) Carrying charges were applied to the monthly deferral according to the Schedule 93 tariff, which specifies that when the RRA deferred balance is positive, a carrying charge will be applied at the interest rate pursuant to Commission Rule Chapter 3, Section 7.

6) These 2019 amounts are shown to calculate the balance as of June 14, 2019 including applicable carrying charges and Schedule 93 surcredits that will continue through June 2019. The surcredits and carrying charges shown in 2019 relate to the CY 2018 deferral.

7) The surcharge shown for January and February 2019 represents the actual surcharge billed. The March through June 15, 2019 amounts were not available at the time of filing and represent estimates. The June 15-30, 2019 amount represents the surcharge that are related to the 1-14 2019 usage, but are not billed until later in June 2019 due to lag in the Company's billing cycles.

8) This represents the interest accrued on the December 31, 2018 deferral balance for the period of January 1, 2019 through June 14, 2019.

9) This represents the interest that will accrue during the rate effective period, June 15, 2019 through June 14, 2020.

Rocky Mountain Power  
 Wyoming REC and SO2 Revenue Adjustment Mechanism  
 April 15, 2019  
 Corrected as of May 6, 2019

Summary of Wyoming Load (MWh) @ Sales

	Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
Docket No. 20000-514-EA-17	2017							838,658	836,828	785,972	787,401	820,034	855,447	9,738,070
Docket No. 20000-514-EA-17	2018	857,927	771,082	826,836	783,879	789,879	784,127	799,077	787,507	746,717	770,830	776,448	829,075	9,314,775
Docket No. 20000-535-EA-18	2018	831,392	747,268	785,145	750,493	755,332	735,491							
Docket No. 20000-535-EA-18	2019	817,266	739,489	776,127	742,861	781,298	771,740	851,205	804,152	732,649	726,072	787,034	862,596	9,392,489
Actual Load CY 2018														

Rocky Mountain Power  
 Wyoming REC and SO2 Revenue Adjustment Mechanism  
 April 15, 2019  
 Corrected as of May 6, 2019

Summary of Wyoming Allocated Actual REC and SO2 Revenue for CY 2018

Line No.	Reference	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
1	Total Company 2018 REC Revenue	224,521	(47,182)	436,828	139,160	(34)	147	170,961	32	(210)	681,445	474,144	36,770	2,116,552
2	WY Allocation Factor	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%	20.52%
3	WY Allocated	46,082	(9,684)	89,657	28,562	(7)	30	35,089	7	(43)	139,864	97,316	7,547	484,421
4	Total Company 2018 LJ Revenue	240	240	1,163	3,036	3,711	4,340	5,160	5,928	6,738	7,276	7,572	7,910	53,313
5	WY Allocation Factor - SG	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%
6	WY Allocated	36	36	174	454	555	650	772	887	1,008	1,089	1,133	1,184	7,979
7	Total Company 2018 SO2 Revenue	-	-	-	182	-	(0)	-	-	-	-	-	-	182
8	WY Allocation Factor - SE	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%	16.68%
9	WY Allocated	-	-	-	30	-	(0)	-	-	-	-	-	-	30

**Rocky Mountain Power  
 Wyoming REC and SO2 Revenue Adjustment Mechanism**  
 April 15, 2019

Corrected as of May 6, 2019

Calculation of Wyoming Allocated REC Actuals for CY 2018

Jan - Dec 2018 - Actual REC Revenues - CA/OR/WA Eligible Resources(1)	\$ 399,006
Jan - Dec 2018 - Actual REC Revenues - CA/OR Eligible Resources(1)	\$ 1,552,999
Jan - Dec 2018 - Actual REC Revenues - CA Eligible Resources(1)	\$ 164,576
Total Jan - Dec 2018 REC Revenues	\$ 2,116,582

Reallocate Jan - Dec 2018 REC Revenues for Renewable Portfolio Standards

Type	Factor	Total 100.000%	California 1.452%	Oregon 25.410%	Washington 7.965%	Wyoming 14.967%	Utah 44.109%	Idaho 6.065%	FERC 0.033%	Other
SG Factor Amounts - Actual 2018	SG									
<b>Actual Jan - Dec 2018 REC Rev - Eligible for CA/OR/WA RPS</b>	1 SG	399,006	5,792	101,386	31,782	59,718	175,997	24,199	133	
Adjustment for RPS/Commission Order	1 SG	213,215	3,095	54,177	16,983	31,911	94,046	12,931	71	
Adjustment for RPS/Commission Order	1 Situs	(213,215)	(8,887)	(155,563)	(48,765)					
<b>Actual Jan - Dec 2018 REC Revenues - Reallocated Totals</b>		399,006	-	-	-	91,629	270,043	37,130	203	
<b>Actual Jan - Dec 2018 REC Rev - Eligible for CA/OR RPS</b>	1 SG	1,552,999	22,543	394,610	123,701	232,433	685,009	94,187	516	
Adjustment for RPS/Commission Order	1 SG	570,358	8,279	144,925	45,431	85,364	251,578	34,591	189	
Adjustment for RPS/Commission Order	1 Situs	(570,358)	(30,822)	(539,536)						
<b>Actual Jan - Dec 2018 REC Revenues - Reallocated Totals</b>		1,552,999	-	-	169,132	317,797	936,587	128,778	705	
<b>Actual Jan - Dec 2018 REC Rev - Eligible for CA RPS Only</b>	1 SG	164,576	2,389	41,818	13,109	24,632	72,593	9,981	55	
Adjustment for RPS/Commission Order	1 SG	2,424	35	616	193	363	1,069	147	1	
Adjustment for RPS/Commission Order	1 Situs	(2,424)	(2,424)	(42,434)						42,434
<b>Actual Jan - Dec 2018 REC Revenues - Reallocated Totals</b>		164,576	-	-	13,302	24,994	73,662	10,128	55	42,434
<b>Reallocated REC Revenues for Jan - Dec 2018</b>	SG Situs	785,997 (785,997)	11,409 (42,133)	199,718 (737,532)	62,607 (48,765)	117,638	346,694	47,669	261	42,434
<b>Actual Jan - Dec 2018 REC Revenues - Total Reallocated</b>		<b>2,116,582</b>	-	-	182,434	<b>434,421</b>	1,280,292	176,036	964	42,434

(A)

(B)

Wyoming % of Actual CY 2018 REC sales(2)  
 Wyoming allocated CY 2018 REC revenue(2)

Total Company Actual CY 2018 Leaning Juniper Revenue  
 Wyoming % of Actual Leaning Juniper Revenue (SG Factor)  
 Wyoming allocated CY 2018 Leaning Juniper Revenue  
 Total Wyoming allocated CY 2018 REC revenue

Reference  
 C = B / A  
 434,421 D = C \* A

53,313 E = SAP Actuals  
 14.97% F = See Page 3.4  
 7,979 G = E \* F

442,400 H = D + G

1) Exhibit RMP (MMW-1) provides the actual 2018 REC revenue by resource.

2) The resource assignments for December 2018 RECs are known and will not require any subsequent true up.

**Rocky Mountain Power**  
**Wyoming REC and SO2 Revenue Adjustment Mechanism**  
 April 15, 2019  
*Corrected as of May 6, 2019*

*Calculation of Wyoming CY 2018 Actual Allocation Factors*

Coincident Peaks:		Month	Day	hour	CA	OR	WA	UT	ID	WY	FERC	total
Year	2018	1	6	8	123	2,204	728	3,303	464	1,243	3	8,067
	2018	2	1	19	155	2,608	784	3,208	433	1,245	3	8,436
	2018	3	6	8	138	2,339	649	3,079	457	1,207	3	7,872
	2018	4	3	8	123	2,196	584	2,912	437	1,192	2	7,446
	2018	5	30	17	96	1,784	619	3,635	443	1,148	2	7,727
	2018	6	26	17	125	1,914	640	4,829	744	1,230	4	9,486
	2018	7	6	17	126	2,526	790	4,954	669	1,295	3	10,363
	2018	8	1	17	133	2,491	840	4,843	567	1,272	4	10,150
	2018	9	5	17	103	1,934	694	4,320	531	1,181	3	8,766
	2018	10	31	8	97	1,656	547	3,357	439	1,151	2	7,250
	2018	11	7	18	131	2,231	721	3,111	437	1,218	3	7,852
	2018	12	12	18	138	2,476	699	3,280	398	1,252	3	8,246
	Total 12 CP				1,488	26,359	8,296	44,831	6,020	14,634	34	101,661
					1.4637%	25.9280%	8.1605%	44.0989%	5.9212%	14.3946%	0.0331%	100.0000%

System Capacity Factor

Energy:		Month	CA	OR	WA	UT	ID	WY	FERC	total
Year	2018	1	75,613	1,297,036	416,626	2,120,800	303,511	867,711	1,748	5,083,045
	2018	2	69,394	1,190,219	358,564	1,880,546	249,832	790,333	1,503	4,540,391
	2018	3	73,387	1,233,277	352,032	2,000,253	294,938	841,976	1,567	4,797,431
	2018	4	62,320	1,074,497	313,248	1,880,211	275,124	775,872	1,414	4,382,685
	2018	5	67,754	1,056,175	314,366	2,016,078	309,974	796,456	1,458	4,562,261
	2018	6	68,259	1,079,091	337,310	2,346,067	400,420	793,292	1,662	5,026,101
	2018	7	80,310	1,280,714	412,454	2,794,976	469,110	865,846	1,991	5,905,401
	2018	8	77,748	1,231,544	397,084	2,605,347	373,826	821,128	1,889	5,508,566
	2018	9	60,194	1,034,682	338,819	2,210,801	314,325	771,038	1,534	4,731,393
	2018	10	59,119	1,081,870	332,398	1,968,194	274,638	822,155	1,435	4,559,808
	2018	11	66,082	1,190,889	372,582	2,015,626	273,886	818,494	1,638	4,739,197
	2018	12	76,181	1,347,351	415,724	2,225,897	299,235	895,029	1,920	5,261,338
	Total Energy		836,362	14,097,344	4,361,207	26,084,796	3,838,819	9,859,331	19,758	59,097,617
			1.4152%	23.8543%	7.3797%	44.1385%	6.4957%	16.6831%	0.0334%	100.0000%
			1.4516%	25.4096%	7.9653%	44.1088%	6.0648%	14.9667%	0.0332%	100.0000%

System Energy Factor  
 System Generation Factor

Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Direct Testimony of Robert M. Meredith

Clean

May 2019

1 renewable energy credits (“REC”) and sulfur dioxide (“SO<sub>2</sub>”) Revenue Adjustment  
2 Mechanism (“RRA”) forecast and deferred revenues.

3 **Q. Please summarize the rate impacts for the proposed changes to Tariff Schedules**  
4 **95 and 93.**

5 A. The combined net impact of the ECAM and RRA in this filing is an increase of  
6 \$9.82 million, or 1.44 percent. The change in the ECAM rates results in an increase of  
7 \$9.96 million, or 1.46 percent. The change in the RRA rates results in a decrease of  
8 \$136 thousand, or -0.02 percent. The combined impacts by rate schedule are shown in  
9 Exhibit RMP\_\_\_\_(RMM-1), page 1, based on a forecast test period of 12 months ending  
10 June 2020. Pages 2 through 11 of Exhibit RMP\_\_\_\_(RMM-1) show the monthly billing  
11 comparisons for each of the major rate schedules. These tables reflect the combined  
12 impact of the ECAM and RRA rates proposed in this filing.

13 **ECAM – PROPOSED REVENUE SPREAD AND RATES FOR**  
14 **TARIFF SCHEDULE 95**

15 **Q. What is the total 2019 ECAM amount requested in this case?**

16 A. The total requested 2019 ECAM amount is a surcharge of \$6.55 million, as shown in  
17 Table 1 of Company witness Mr. Michael G. Wilding’s direct testimony. The Company  
18 proposes to collect this amount over a 12-month period, from June 15, 2019 to June 14,  
19 2020. The net change for Tariff Schedule 95 is an increase to customers of  
20 \$9.96 million, or 1.46 percent. The net change is the difference between the requested  
21 2019 ECAM charge amount and the current refund amount in rates of \$3.41 million  
22 (adjusted for load), which included the recovery of the approved balances from the  
23 2017 and 2018 ECAM.



1 **Q. How does the Company propose to allocate the 2019 ECAM revenue across**  
2 **customer classes?**

3 A. Consistent with the ECAM Adjustment Calculation provision in Tariff Schedule 95, the  
4 Company proposes to spread the annualized ECAM revenue across customer classes  
5 in the same proportion as the allocation of Base Net Power Costs to rate schedules  
6 approved in Docket No. 20000-469-ER-15 (“2015 GRC”). Exhibit RMP\_\_(RMM-2),  
7 page 1, shows the allocation of the 2019 ECAM and the net impact across rate  
8 schedules compared to present revenues.

9 **Q. How were the proposed Tariff Schedule 95 rates developed for each rate schedule?**

10 A. The proposed rates for Tariff Schedule 95 were calculated by dividing each rate  
11 schedule’s allocated annualized 2019 ECAM amount by the billing determinants for  
12 the forecast test period of 12 months ending June 2020. The calculation of the proposed  
13 rates for the 2019 ECAM are shown in Exhibit RMP\_\_(RMM-2), pages 2 through 10.

14 **RRA – PROPOSED REVENUE SPREAD AND RATES FOR TARIFF SCHEDULE 93**

15 **Q. What is the total RRA amount requested in this case?**

16 A. The requested RRA amount (combined forecast and deferred amounts) for 2019 is a  
17 decrease of \$0.136 million, or -0.02 percent. The net change is the difference between  
18 the current refund level of \$0.247 million and the new proposed refund level of  
19 \$0.383 million, as shown in Corrected Table 1 of the direct testimony of Company  
20 witness Mr. Terrell H Spackman.

21 **Q. How does the Company propose to allocate the RRA revenue increase across**  
22 **customer classes?**

23 A. Consistent with the Allocation of the RRA Surcharge/Surcredit to Customer Rate

Rocky Mountain Power  
Exhibit RMP\_\_\_(RMM-1)  
Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Exhibit Accompanying Direct Testimony of Robert M. Meredith

Combined Impacts of Tariff Changes by Rate Schedule

May 2019



**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 2  
 Residential Service**

*Corrected as of May 6, 2019*

kWh	Monthly Billing		Percent Difference
	Present <sup>1</sup>	Proposed <sup>2</sup>	
100	\$25.42	\$25.55	0.52%
200	\$30.61	\$30.85	0.79%
300	\$35.80	\$36.17	1.05%
400	\$40.99	\$41.48	1.18%
500	\$46.18	\$46.80	1.34%
600	\$57.76	\$58.50	1.28%
700	\$69.35	\$70.20	1.23%
720 *	\$71.66	\$72.54	1.23%
800	\$80.93	\$81.90	1.20%
900	\$92.50	\$93.60	1.18%
1,000	\$104.09	\$105.31	1.17%
1,100	\$115.67	\$117.01	1.15%
1,200	\$127.25	\$128.71	1.14%
1,300	\$138.83	\$140.41	1.14%
1,400	\$150.42	\$152.11	1.12%
1,500	\$162.00	\$163.82	1.12%
1,600	\$173.58	\$175.52	1.12%
2,000	\$219.91	\$222.33	1.10%
3,000	\$335.73	\$339.35	1.08%
5,000	\$567.36	\$573.39	1.06%

\* Average Customer

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.

**Rocky Mountain Power**  
**Monthly Billing Comparison**  
**Schedule 25**  
**General Service - Secondary Voltage**

*Corrected as of May 6, 2019*

kWh	Monthly Billing						Percent Difference
	Present <sup>1</sup>			Proposed <sup>2</sup>			
	Single Phase	Three Phase	Three Phase	Single Phase	Three Phase	Three Phase	
300	\$47.59	\$49.66	\$49.66	\$47.94	\$50.01	\$50.01	0.74%
400	\$55.07	\$57.14	\$57.14	\$55.53	\$57.61	\$57.61	0.85%
500	\$62.55	\$64.62	\$64.62	\$63.14	\$65.21	\$65.21	0.94%
600	\$70.03	\$72.10	\$72.10	\$70.73	\$72.81	\$72.81	1.01%
700	\$77.51	\$79.58	\$79.58	\$78.34	\$80.41	\$80.41	1.07%
800	\$85.00	\$87.07	\$87.07	\$85.93	\$88.01	\$88.01	1.10%
900	\$92.48	\$94.55	\$94.55	\$93.54	\$95.61	\$95.61	1.14%
1,000	\$99.96	\$102.04	\$102.04	\$101.13	\$103.21	\$103.21	1.17%
1,100	\$107.44	\$109.52	\$109.52	\$108.74	\$110.81	\$110.81	1.21%
1,200	\$114.92	\$117.00	\$117.00	\$116.33	\$118.41	\$118.41	1.23%
1,300	\$122.41	\$124.49	\$124.49	\$123.94	\$126.01	\$126.01	1.24%
1,400	\$129.90	\$131.97	\$131.97	\$131.53	\$133.61	\$133.61	1.26%
1,500	\$137.38	\$139.45	\$139.45	\$139.14	\$141.21	\$141.21	1.28%
1,600	\$144.86	\$146.93	\$146.93	\$146.73	\$148.81	\$148.81	1.30%
1,700	\$152.34	\$154.41	\$154.41	\$154.34	\$156.41	\$156.41	1.31%
1,800	\$159.83	\$161.90	\$161.90	\$161.93	\$164.01	\$164.01	1.32%
1,900	\$167.31	\$169.38	\$169.38	\$169.54	\$171.61	\$171.61	1.33%
2,000	\$174.79	\$176.86	\$176.86	\$177.13	\$179.21	\$179.21	1.34%
3,000	\$249.62	\$251.69	\$251.69	\$253.13	\$255.20	\$255.20	1.41%
4,000	\$324.44	\$326.52	\$326.52	\$329.13	\$331.20	\$331.20	1.44%
5,000	\$399.27	\$401.35	\$401.35	\$405.13	\$407.20	\$407.20	1.47%
6,000	\$474.10	\$476.17	\$476.17	\$481.13	\$483.20	\$483.20	1.48%
7,000	\$548.93	\$551.00	\$551.00	\$557.13	\$559.20	\$559.20	1.49%

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 25  
 General Service - Primary Voltage**

*Corrected as of May 6, 2019*

kWh	Monthly Billing						Percent Difference	
	Present <sup>1</sup>			Proposed <sup>2</sup>			Single Phase	Three Phase
	Single Phase	Three Phase	Three Phase	Single Phase	Three Phase	Three Phase	Single Phase	Three Phase
300	\$49.76	\$52.87	\$50.12	\$53.23	0.71%	0.67%		
400	\$56.94	\$60.05	\$57.40	\$60.51	0.80%	0.76%		
500	\$64.11	\$67.22	\$64.69	\$67.80	0.91%	0.86%		
600	\$71.28	\$74.39	\$71.99	\$75.10	0.99%	0.95%		
700	\$78.46	\$81.57	\$79.27	\$82.38	1.03%	0.99%		
800	\$85.63	\$88.74	\$86.57	\$89.68	1.09%	1.05%		
900	\$92.81	\$95.92	\$93.85	\$96.96	1.12%	1.08%		
1,000	\$99.98	\$103.09	\$101.14	\$104.25	1.16%	1.13%		
1,100	\$107.15	\$110.26	\$108.44	\$111.55	1.20%	1.17%		
1,200	\$114.33	\$117.44	\$115.72	\$118.83	1.21%	1.18%		
1,300	\$121.50	\$124.61	\$123.02	\$126.13	1.25%	1.21%		
1,400	\$128.68	\$131.79	\$130.30	\$133.41	1.26%	1.23%		
1,500	\$135.85	\$138.96	\$137.59	\$140.70	1.28%	1.25%		
1,600	\$143.02	\$146.13	\$144.89	\$148.00	1.30%	1.28%		
1,700	\$150.20	\$153.31	\$152.17	\$155.28	1.31%	1.28%		
1,800	\$157.37	\$160.48	\$159.47	\$162.58	1.33%	1.30%		
1,900	\$164.55	\$167.66	\$166.75	\$169.86	1.34%	1.31%		
2,000	\$171.72	\$174.83	\$174.04	\$177.15	1.35%	1.33%		
3,000	\$243.46	\$246.57	\$246.94	\$250.05	1.43%	1.41%		
4,000	\$315.20	\$318.31	\$319.84	\$322.95	1.47%	1.46%		
5,000	\$386.94	\$390.05	\$392.74	\$395.85	1.50%	1.49%		
6,000	\$458.68	\$461.79	\$465.64	\$468.75	1.52%	1.51%		
7,000	\$530.42	\$533.52	\$538.54	\$541.65	1.53%	1.52%		

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 28  
 General Service - Secondary Voltage**

*Corrected as of May 6, 2019*

kW Load Size	kWh	Monthly Billing						Percent Difference	
		Present <sup>1</sup>			Proposed <sup>2</sup>			Single Phase	Three Phase
		Single Phase	Three Phase	Three Phase	Single Phase	Three Phase	Three Phase		
20	3,000	\$486.01	\$488.08	\$490.45	\$492.52	0.91%	0.91%	0.91%	
	7,000	\$623.72	\$625.80	\$632.14	\$634.21	1.35%	1.34%	1.34%	
	12,000	\$795.86	\$797.94	\$809.26	\$811.33	1.68%	1.68%	1.68%	
21	3,000	\$503.48	\$505.55	\$507.99	\$510.06	0.90%	0.89%	0.89%	
	4,000	\$537.91	\$539.98	\$543.41	\$545.48	1.02%	1.02%	1.02%	
	5,000	\$572.33	\$574.41	\$578.83	\$580.90	1.14%	1.13%	1.13%	
25	3,750	\$599.16	\$601.24	\$604.71	\$606.78	0.93%	0.92%	0.92%	
	6,000	\$676.62	\$678.69	\$684.41	\$686.48	1.15%	1.15%	1.15%	
	15,000	\$986.47	\$988.55	\$1,003.21	\$1,005.29	1.70%	1.69%	1.69%	
50	7,500	\$1,164.89	\$1,166.96	\$1,175.98	\$1,178.05	0.95%	0.95%	0.95%	
	17,500	\$1,509.17	\$1,511.24	\$1,530.21	\$1,532.28	1.39%	1.39%	1.39%	
	30,000	\$1,939.52	\$1,941.59	\$1,973.00	\$1,975.07	1.73%	1.72%	1.72%	
100	15,000	\$2,296.35	\$2,298.42	\$2,318.53	\$2,320.61	0.97%	0.97%	0.97%	
	35,000	\$2,984.91	\$2,986.99	\$3,026.99	\$3,029.07	1.41%	1.41%	1.41%	
	60,000	\$3,845.62	\$3,847.69	\$3,912.57	\$3,914.65	1.74%	1.74%	1.74%	
200	30,000	\$4,559.27	\$4,561.35	\$4,603.64	\$4,605.71	0.97%	0.97%	0.97%	
	70,000	\$5,936.40	\$5,938.47	\$6,020.56	\$6,022.64	1.42%	1.42%	1.42%	
	120,000	\$7,657.80	\$7,659.88	\$7,791.72	\$7,793.79	1.75%	1.75%	1.75%	
300	45,000	\$6,822.20	\$6,824.27	\$6,888.74	\$6,890.81	0.98%	0.98%	0.98%	
	105,000	\$8,887.88	\$8,889.96	\$9,014.13	\$9,016.20	1.42%	1.42%	1.42%	
	180,000	\$11,469.99	\$11,472.06	\$11,670.86	\$11,672.94	1.75%	1.75%	1.75%	
500	75,000	\$11,348.05	\$11,350.12	\$11,458.95	\$11,461.02	0.98%	0.98%	0.98%	
	175,000	\$14,790.86	\$14,792.93	\$15,001.26	\$15,003.34	1.42%	1.42%	1.42%	
	300,000	\$19,094.37	\$19,096.44	\$19,429.16	\$19,431.23	1.75%	1.75%	1.75%	

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 28  
 General Service - Primary Voltage**

*Corrected as of May 6, 2019*

kW Load Size	kWh	Monthly Billing						Percent Difference	
		Present <sup>1</sup>		Proposed <sup>2</sup>		Single Phase	Three Phase	Single Phase	Three Phase
		Single Phase	Three Phase	Single Phase	Three Phase				
20	3,000	\$475.38	\$479.52	\$479.75	\$483.90	0.92%	0.91%	0.92%	0.91%
	7,000	\$608.86	\$613.01	\$617.13	\$621.28	1.36%	1.35%	1.36%	1.35%
	12,000	\$775.72	\$779.86	\$788.86	\$793.00	1.69%	1.69%	1.69%	1.69%
21	3,000	\$492.26	\$496.41	\$496.71	\$500.85	0.90%	0.90%	0.90%	0.90%
	4,000	\$525.63	\$529.78	\$531.05	\$535.20	1.03%	1.02%	1.03%	1.02%
	5,000	\$559.00	\$563.15	\$565.40	\$569.54	1.14%	1.14%	1.14%	1.14%
	6,000	\$592.37	\$596.52	\$599.74	\$603.89	1.24%	1.24%	1.24%	1.24%
	7,000	\$625.75	\$629.89	\$634.09	\$638.24	1.33%	1.33%	1.33%	1.32%
	8,000	\$659.12	\$663.26	\$668.43	\$672.58	1.41%	1.41%	1.41%	1.40%
25	3,750	\$584.83	\$588.97	\$590.30	\$594.45	0.94%	0.93%	0.94%	0.93%
	8,750	\$751.68	\$755.83	\$762.03	\$766.17	1.38%	1.37%	1.38%	1.37%
	15,000	\$960.25	\$964.40	\$976.68	\$980.83	1.71%	1.70%	1.71%	1.70%
50	7,500	\$1,132.08	\$1,136.23	\$1,143.02	\$1,147.16	0.97%	0.96%	0.97%	0.96%
	17,500	\$1,465.79	\$1,469.94	\$1,486.47	\$1,490.62	1.41%	1.41%	1.41%	1.41%
	30,000	\$1,882.93	\$1,887.07	\$1,915.79	\$1,919.93	1.74%	1.74%	1.74%	1.74%
100	15,000	\$2,226.59	\$2,230.74	\$2,248.46	\$2,252.61	0.98%	0.98%	0.98%	0.98%
	35,000	\$2,894.01	\$2,898.16	\$2,935.37	\$2,939.51	1.43%	1.43%	1.43%	1.43%
	60,000	\$3,728.28	\$3,732.43	\$3,794.00	\$3,798.14	1.76%	1.76%	1.76%	1.76%
200	30,000	\$4,415.62	\$4,419.76	\$4,459.36	\$4,463.50	0.99%	0.99%	0.99%	0.99%
	70,000	\$5,750.45	\$5,754.60	\$5,833.16	\$5,837.31	1.44%	1.44%	1.44%	1.44%
	120,000	\$7,418.99	\$7,423.14	\$7,550.42	\$7,554.57	1.77%	1.77%	1.77%	1.77%
300	45,000	\$6,604.64	\$6,608.78	\$6,670.25	\$6,674.39	0.99%	0.99%	0.99%	0.99%
	105,000	\$8,606.89	\$8,611.03	\$8,730.96	\$8,735.10	1.44%	1.44%	1.44%	1.44%
	180,000	\$11,109.70	\$11,113.85	\$11,306.85	\$11,310.99	1.77%	1.77%	1.77%	1.77%
500	75,000	\$10,982.68	\$10,986.83	\$11,092.03	\$11,096.18	1.00%	1.00%	1.00%	1.00%
	175,000	\$14,319.77	\$14,323.91	\$14,526.55	\$14,530.69	1.44%	1.44%	1.44%	1.44%
	300,000	\$18,491.12	\$18,495.27	\$18,819.69	\$18,823.84	1.78%	1.78%	1.78%	1.78%

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.



**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 40  
 Agricultural Pumping**

*Corrected as of May 6, 2019*

kW Load Size <sup>1</sup> <u>Single Phase</u>	kWh	Monthly Billing						Percent Difference		
		Present <sup>1</sup>		Proposed <sup>2</sup>		On-Season	Post-Season	On-Season	Post-Season	
		On-Season	Post-Season	On-Season	Post-Season					
10	2,000	\$196.45	\$157.35	\$199.02	\$159.30	1.31%	1.24%	1.31%	1.24%	
	4,000	\$294.17	\$294.23	\$298.69	\$298.13	1.54%	1.32%			
	6,000	\$391.89	\$431.12	\$398.36	\$436.96	1.65%	1.36%			
<u>Three Phase</u>	20	4,000	\$377.61	\$299.42	\$382.75	\$303.31	1.36%	1.30%	1.36%	1.30%
		8,000	\$573.06	\$573.18	\$582.09	\$580.97	1.58%	1.36%		
		12,000	\$768.50	\$846.94	\$781.44	\$858.64	1.68%	1.38%		
100	20,000	\$1,785.44	\$1,394.47	\$1,811.14	\$1,413.96	1.44%	1.40%	1.44%	1.40%	
	40,000	\$2,762.66	\$2,763.29	\$2,807.86	\$2,802.26	1.64%	1.41%			
	60,000	\$3,739.89	\$4,132.10	\$3,804.57	\$4,190.56	1.73%	1.41%			
300	60,000	\$5,305.01	\$4,132.10	\$5,382.12	\$4,190.56	1.45%	1.41%	1.45%	1.41%	
	120,000	\$8,236.69	\$8,238.55	\$8,372.26	\$8,355.47	1.65%	1.42%			
	180,000	\$11,168.37	\$12,345.00	\$11,362.40	\$12,520.38	1.74%	1.42%			

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 46  
 Large General Service-Secondary Voltage  
 1,000 kW and Over**

*Corrected as of May 6, 2019*

kW Load Size <sup>3</sup>	per kW v Hours	kWh	Monthly Billing		Percent Difference
			Present <sup>1</sup> Price Schedule 46	Proposed <sup>2</sup> Price Schedule 46	
1,000	#	300,000	\$29,981	\$30,376	1.32%
	#	450,000	\$34,512	\$35,050	1.56%
	#	675,000	\$41,309	\$42,059	1.82%
2,000	#	600,000	\$59,332	\$60,123	1.33%
	#	900,000	\$68,395	\$69,469	1.57%
	#	1,350,000	\$81,988	\$83,489	1.83%
4,000	#	1,200,000	\$117,536	\$119,116	1.34%
	#	1,800,000	\$135,661	\$137,809	1.58%
	#	2,700,000	\$162,847	\$165,849	1.84%
6,000	#	1,800,000	\$175,755	\$178,125	1.35%
	#	2,700,000	\$202,942	\$206,165	1.59%
	#	4,050,000	\$243,722	\$248,224	1.85%

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

<sup>3</sup> Demand charge kW is equal to load size kW.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 46/33\*  
 Large General Service-Primary Voltage  
 1,000 kW and Over**

*Corrected as of May 6, 2019*

kW Load Size <sup>3</sup>	kWh	Monthly Billing		Percent Difference
		Present <sup>1</sup> Price Schedule 46	Proposed <sup>2</sup> Price Schedule 46	
1,000	300,000	\$30,050	\$30,432	1.27%
	450,000	\$34,461	\$34,984	1.52%
	675,000	\$41,079	\$41,812	1.79%
2,000	600,000	\$59,283	\$60,047	1.29%
	900,000	\$68,106	\$69,152	1.53%
	1,350,000	\$81,341	\$82,808	1.80%
4,000	1,200,000	\$117,881	\$119,409	1.30%
	1,800,000	\$135,528	\$137,618	1.54%
	2,700,000	\$161,998	\$164,932	1.81%
6,000	1,800,000	\$176,126	\$178,418	1.30%
	2,700,000	\$202,596	\$205,731	1.55%
	4,050,000	\$242,301	\$246,702	1.82%

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

<sup>3</sup> Demand charge kW is equal to load size kW.

\*Schedule 33 RRA rates present and proposed are different than 46. Other rates are the same.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 48T/33\*-Transmission Voltage  
 Large General Service  
 1,000 kW and Over**

*Corrected as of May 6, 2019*

kW Load Size <sup>3</sup>	kWh	Monthly Billing		Percent Difference
		Present <sup>1</sup> Price Schedule 48T	Proposed <sup>2</sup> Price Schedule 48T	
5,000	1,500,000	\$138,376	\$140,099	1.25%
	2,250,000	\$160,356	\$162,715	1.47%
	3,375,000	\$193,327	\$196,637	1.71%
25,000	7,500,000	\$657,509	\$666,127	1.31%
	11,250,000	\$767,411	\$779,203	1.54%
	16,875,000	\$932,263	\$948,818	1.78%
50,000	15,000,000	\$1,306,426	\$1,323,661	1.32%
	22,500,000	\$1,526,229	\$1,549,814	1.55%
	33,750,000	\$1,855,934	\$1,889,044	1.78%
90,000	27,000,000	\$2,344,693	\$2,375,716	1.32%
	40,500,000	\$2,740,339	\$2,782,791	1.55%
	60,750,000	\$3,333,808	\$3,393,405	1.79%

<sup>1</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>2</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

<sup>3</sup> Demand charge kW is equal to load size kW.

\*Schedule 33 RRA rates present and proposed are different than 46. Other rates are the same.

Note: Includes all billing components.

**Rocky Mountain Power  
 Monthly Billing Comparison  
 Schedule 210  
 Agricultural Pumping**

*Corrected as of May 6, 2019*

kW Load Size <sup>2</sup> <u>Single Phase</u>	kWh	Monthly Billing <sup>1</sup>				Percent Difference	
		Present <sup>3</sup>		Proposed <sup>4</sup>		On-Season	Post-Season
		On-Season	Post-Season	On-Season	Post-Season	On-Season	Post-Season
10	2,000	\$236.10	\$79.08	\$238.10	\$80.65	0.84%	1.99%
	4,000	\$298.75	\$141.72	\$302.32	\$144.87	1.19%	2.22%
	6,000	\$361.40	\$204.37	\$366.54	\$209.09	1.42%	2.31%
<u>Three Phase</u>	20	\$458.89	\$144.83	\$462.87	\$147.98	0.87%	2.18%
	8,000	\$584.18	\$270.12	\$591.32	\$276.43	1.22%	2.33%
	12,000	\$709.48	\$395.42	\$719.76	\$404.87	1.45%	2.39%
100	20,000	\$2,216.30	\$646.00	\$2,236.20	\$661.76	0.90%	2.44%
	40,000	\$2,842.77	\$1,272.47	\$2,878.42	\$1,303.98	1.25%	2.48%
	60,000	\$3,469.24	\$1,898.94	\$3,520.65	\$1,946.20	1.48%	2.49%
300	60,000	\$6,609.83	\$1,898.94	\$6,669.53	\$1,946.20	0.90%	2.49%
	120,000	\$8,489.23	\$3,778.34	\$8,596.20	\$3,872.87	1.26%	2.50%
	180,000	\$10,368.63	\$5,657.74	\$10,522.86	\$5,799.53	1.49%	2.51%

<sup>1</sup> Secondary Delivery; Does not include Seasonal Minimum Charge.

<sup>2</sup> Demand charge kW is equal to load size kW.

<sup>3</sup> Includes effective DSM, current REC credit, current Deferred ECAM and Fed Tax Act Credit.

<sup>4</sup> Includes effective DSM, proposed REC credit, Fed Tax Act Credit, current Deferred ECAM and proposed Deferred ECAM.

Note: Includes all billing components.

Rocky Mountain Power  
Exhibit RMP\_\_\_(RMM-3)  
Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Exhibit Accompanying Direct Testimony of Robert M. Meredith

RRA Proposed Allocation and Rates  
(Forecast Test Period 12 Months Ended June 2020)

May 2019

TABLE C  
 ROCKY MOUNTAIN POWER  
 ESTIMATED EFFECT OF PROPOSED RRA PRICES  
 ON REVENUES FROM ELECTRIC SALES TO ULTIMATE CONSUMERS IN WYOMING  
 DISTRIBUTED BY RATE SCHEDULE  
 FORECAST TEST PERIOD: 12 MONTHS ENDED JUNE 2020  
 Corrected as of May 6, 2019

Line No.	Description	Present Schedule Number	Average No. of Customers Forecast	KWH (000) Forecast	Present Revenues Forecast (\$000)	Prior GRC Revenue Spread		RRA Revenues Targets		Deferred Current (\$000)	Deferred RRA Current (\$000)	Deferred RRA Proposed (\$000)	Total Change		Avg. Cents/kWh Proposed Net	Avg. Cents/kWh Present Net
						(6)	(7)	(8)	(9)				(10)	(11)		
1	Residential	2/18	115,940	923,237	\$106,797	\$2,955	18.17%	(\$164)	\$95	\$71	\$98	(\$27)	(\$27)	-0.03%	11.56	11.56
2	Total Residential		115,940	923,237	\$106,797	\$2,955	18.17%	(\$164)	\$95	\$71	\$98	(\$27)	(\$27)	-0.03%	11.56	11.56
3	Commercial, Industrial & Irrigation	25	23,955	275,089	\$28,082	\$626	3.85%	(\$35)	\$20	\$14	\$19	(\$6)	(\$6)	-0.02%	10.20	10.20
4	General Service	28	4,141	1,286,909	\$107,478	\$3,409	20.97%	(\$190)	\$110	\$95	\$108	(\$34)	(\$34)	-0.03%	8.35	8.35
5	Partial Requirements Service	33	11	1,242,947	\$86,046	\$2,162	13.30%	(\$120)	\$70	\$42	\$69	(\$15)	(\$15)	-0.02%	6.92	6.92
6	Agricultural Pumping Service	40	756	20,222	\$1,711	(\$14)	-0.09%	\$1	(\$0)	(\$0)	(\$0)	\$0	\$0	0.00%	8.46	8.46
7	Agricultural Pumping Service	210	108	4,149	\$337	\$7	0.04%	(\$0)	\$0	(\$0)	(\$0)	\$0	\$0	-0.05%	8.11	8.11
8	Large General Service - KW>1,000	46	76	1,903,674	\$128,626	\$3,456	21.26%	(\$192)	\$112	\$84	\$116	(\$19)	(\$19)	-0.01%	6.75	6.75
9	Large General Service - Transmission	48	28	3,574,286	\$214,700	\$3,805	23.40%	(\$212)	\$123	\$94	\$116	(\$36)	(\$36)	-0.02%	6.00	6.00
10	Recreational Field Lighting	54	772		\$55	(\$2)	-0.02%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.01%	7.12	7.12
11	Total Commercial, Industrial & Irrigation		29,132	8,308,053	\$567,034	\$13,449	82.72%	(\$748)	\$434	\$328	\$427	(\$110)	(\$110)	-0.02%	6.82	6.82
12	Lighting	15	2,595	3,503	\$84	(\$26)	-0.16%	\$1	(\$1)	(\$1)	(\$1)	\$0	\$0	0.25%	2.43	2.42
13	Outdoor Area Lighting Service	51	186	5,302	\$1,025	(\$49)	-0.30%	\$3	(\$2)	(\$1)	(\$2)	\$0	\$0	0.04%	19.36	19.35
14	Street Lighting Service	53	213	3,367	\$396	(\$22)	-0.14%	\$1	(\$1)	(\$1)	(\$1)	\$0	\$0	0.06%	11.79	11.78
15	Street Lighting Service	57	15	238	\$17	(\$3)	-0.02%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.14%	7.12	7.11
16	Street Lighting Service	58	47	238	\$65	(\$4)	-0.02%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.03%	5.85	5.85
17	Security Area Lighting	207	225	349	\$77	(\$7)	-0.05%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.08%	22.06	22.05
18	Security Area Lighting - Company	211	51	1,383	\$314	(\$31)	-0.19%	\$2	(\$1)	(\$1)	(\$1)	\$0	\$0	0.09%	22.78	22.76
19	Street Lighting - Customer	212	5	34	\$5	(\$0)	0.00%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.07%	14.93	14.92
20	Traffic Signal Systems	213	15	46	\$2	(\$0)	0.00%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.04%	5.12	5.12
21	Metered Outdoor Night Lighting	213	13	381	\$23	(\$2)	-0.01%	\$0	(\$0)	(\$0)	(\$0)	\$0	\$0	0.02%	5.97	5.97
22	Total Lighting		3,365	15,707	\$2,009	(\$145)	-0.89%	\$8	(\$5)	(\$4)	(\$5)	\$1	\$1	0.06%	12.81	12.80
23	AGA (Revenue Credit)/Other		0	0	\$4,119	\$0		\$0	\$0	\$0	\$0	\$0	\$0	0.00%	7.35	7.35
24	Total Sales to Ultimate Consumers		148,436	9,246,997	\$679,959	\$16,259	100.00%	(\$904)	\$525	\$396	\$520	(\$136)	(\$136)	-0.02%	7.35	7.35

RMP\_(THIS-1) (\$904) \$525

ROCKY MOUNTAIN POWER - WYOMING  
 FORECAST TEST PERIOD 12 MONTHS ENDED JUNE 2020  
 BILLING DETERMINANTS SHOWING ESTIMATED EFFECTS OF PROPOSED PRICES FOR BASE AND DEFERRED RRA

Corrected as of May 6, 2019

	Units Forecast	Present Price	Present Dollars Forecast	Current Base RRA		Proposed Base RRA		Current Deferred RRA		Proposed Deferred RRA		
				Rate	Revenue	Target	Rate	Revenue	Rate	Revenue	Target	Rate
<b>SCHEDULE 2/18</b>												
Residential Service												
Basic Charge	1,391,279	\$20.00	\$27,825,580									
Energy 0-500 kWh	493,847,643	0.447 ¢	\$2,207,499	-0.006 ¢	(\$29,631)		-0.009 ¢	(\$44,446)	0.004 ¢	\$19,754	0.005 ¢	\$24,692
Energy >500 kWh	429,389,357	1.446 ¢	\$6,208,970	-0.019 ¢	(\$81,584)		-0.028 ¢	(\$120,229)	0.012 ¢	\$51,527	0.017 ¢	\$72,996
Demand-Related 0-500 kWh	493,847,643	2.266 ¢	\$11,190,588									
Demand-Related >500 kWh	429,389,357	7.591 ¢	\$32,594,946									
All kW	2,870	\$1.65	\$4,736									
Minimum 3 Phase	0	\$3.00	\$0									
Minimum 3 Phase kW	0											
Demand - NPC 0-500 kWh	493,847,643	0.562 ¢	\$2,775,424									
Demand - NPC >500 kWh	429,389,357	0.562 ¢	\$2,413,168									
Energy - NPC 0-500 kWh	493,847,643	2.337 ¢	\$11,541,219									
Energy - NPC > 500 kWh	429,389,357	2.337 ¢	\$10,034,829									
Subtotal	923,237,000		\$106,796,959									
Unbilled	0		\$0									
Total	923,237,000		\$106,796,959		(\$111,215)	(\$164,260)		(\$164,675)	71,281	\$95,364		\$97,689
<b>Schedule No. 15</b>												
Outdoor Area Lighting Service - Combined												
Mercury Vapor Lamp Charges												
7,000 Lumens	0	\$7.03	\$0									
21,000 Lumens	0	\$13.18	\$0									
55,000 Lumens	0	\$28.17	\$0									
High Pressure Sodium Vapor Lamp Charges												
5,800 Lumens	0	\$9.03	\$0									
22,000 Lumens	0	\$13.27	\$0									
50,000 Lumens	0	\$21.35	\$0									
Pole Charges	456	\$1.00	\$456									
Demand - NPC	3,502,911	0.063 ¢	\$2,207									
Energy - NPC	3,502,911	2.336 ¢	\$81,828									
Total Bills	31,142		\$84,491	0.030 ¢	\$1,051		0.042 ¢	\$1,471	-0.018 ¢	(\$631)	-0.024 ¢	(\$841)
Subtotal	3,502,911		\$84,491		\$1,051	\$1,464		\$1,471		(\$631)		(\$841)
Unbilled	0		\$0									
Total	3,502,911		\$84,491		\$1,051	\$1,464		\$1,471		(\$631)	(\$850)	(\$841)
<b>SCHEDULE 25</b>												
Small General Service--GRAND COMPOSITE												
Basic Charge												
Single Phase	230,650		\$5,593,425									
Three Phase	56,805		\$1,493,103									
Total Basic Charges	287,455		\$7,086,528									
All kW	806,792		\$0									
Energy Charges												
All kWh	275,089,331		\$13,010,728	-0.009 ¢	(\$24,758)		-0.013 ¢	(\$35,762)	0.005 ¢	\$13,754	0.007 ¢	\$19,256
Excess Kvar	40,561		\$24,337									
Demand - NPC -kW	806,792		\$0									
Demand - NPC -kWh	275,089,331		\$1,528,874									
Energy - NPC	275,089,331		\$6,431,892									
Subtotal	275,089,331		\$28,082,359									
Unbilled	0		\$0									
Total	275,089,331		\$28,082,359		(\$24,758)	(\$34,773)		(\$35,762)		\$13,754	\$20,188	\$19,256
<b>SCHEDULE 28</b>												
General Service--GRAND COMPOSITE												
Basic Charge												
Single Phase	10,714		\$345,583									
Three Phase	38,976		\$1,342,530									
Total Basic Charges	49,690		\$1,688,113									
All kW	3,445,830		\$51,041,612	(\$0.03)	(\$103,375)		(\$0.04)	(\$137,833)	\$0.02	\$68,917	\$0.02	\$68,917
Energy Charges												
All kWh	1,286,909,067		\$17,542,068	-0.003 ¢	(\$38,607)		-0.004 ¢	(\$51,476)	0.002 ¢	\$25,738	0.003 ¢	\$38,607
Excess Kvar	436,690		\$262,014									
Demand - All kW NPC	3,445,830		\$6,979,013									
Energy - NPC	1,286,909,067		\$29,965,081									
Subtotal	1,286,909,067		\$107,477,901									
Unbilled	0		\$0									
Total	1,286,909,067		\$107,477,901		(\$141,982)	(\$189,524)		(\$189,310)		\$94,655	\$110,032	\$107,524



**SCHEDULE 33**  
 Partial Requirements Service  
 Composite

Basic Charge													
46kV or Greater	72	\$8,525.00	\$613,800										
Less than 46 kV	60	\$1,380.00	\$82,800										
Total Basic Charges	132												
Load Size Charge Less than 46 kV	832,595	\$2.43	\$2,023,206										
Supplementary Demand (contract) - 46 kv or greater	647,583	\$14.66	\$9,493,567	(\$0.04)	(\$25,903)	(\$0.06)	(\$38,855)	\$0.02	\$12,952	\$0.03	\$19,427		
Supplementary Demand (contract) less than 46 kV	830,256	\$15.31	\$12,711,219	(\$0.04)	(\$33,210)	(\$0.06)	(\$49,815)	\$0.02	\$16,605	\$0.03	\$24,908		
Back-up Facilities (contract capacity)46kV or greater	984,160	\$3.78	\$3,720,125										
Back-up Facilities (contract capacity)-Less than 46 kV	925,792	\$7.62	\$7,054,535										
Back-up Demand 46 kV or greater	1,272,308	\$0.46	\$585,262										
Back-up Demand Less than 46 kV	12,162,044	\$0.48	\$5,837,781										
Maintenance Demand less than 46 kV	0	\$0.24	\$0										
Maintenance Demand 46 kV or greater	0	\$0.23	\$0										
Excess Demand 46 kV o r greater	318	\$34.14	\$10,857										
Excess Demand Less than 46 kV	9,232	\$35.50	\$327,736										
Supp. & Back-up Energy - all kWh greater than 46kV	346,876,608	0.939 ¢	\$3,222,484	-0.002 ¢	(\$6,938)	-0.003 ¢	(\$10,406)	0.001 ¢	\$3,469	0.002 ¢	\$6,938		
Supp. & Back-up Energy - all kWh less than 46 kV	896,070,408	0.937 ¢	\$8,396,180	-0.002 ¢	(\$17,921)	-0.003 ¢	(\$26,882)	0.001 ¢	\$8,961	0.002 ¢	\$17,921		
Excess Kvar	366,202	\$60.00	\$219,721										
Supp. Demand - NPC less than 46 kV	830,256	\$2.44	\$2,025,825										
Energy - NPC less than 46 kV	896,070,408	\$2.79	\$2,421,445										
Supp. Demand - NPC 46 kV or greater	647,583	\$2.41	\$1,560,675										
Energy - NPC 46 kV or greater	346,876,608	\$2.31	\$7,738,817										
Subtotal	1,242,947,016		\$86,046,033										
Unbilled	0		\$0										
Total	1,242,947,016		\$86,046,033	(\$83,973)	(\$120,184)		(\$125,959)	\$41,986	\$69,776		\$69,194		

**SCHEDULE 40**  
 Agricultural Pumping Service

Basic Charge													
Single Phase	1,799	\$19.75	\$35,530										
Three Phases	4,316	\$24.75	\$106,821										
Total Basic Charges	6,116												
Annual Customers	756												
Total kW	68,258	\$6.19	\$422,517	\$0.00	\$0	\$0.01	\$683	\$0.00	\$0	(\$0.01)	(\$683)		
Energy Charges													
On-season kWh	18,353,577	2.688 ¢	\$493,344	0.002 ¢	\$404	0.002 ¢	\$404	-0.001 ¢	(\$202)	-0.001 ¢	(\$202)		
Off-season kWh	1,868,562	4.577 ¢	\$85,524										
Demand - NPC	68,258	\$1.38	\$94,196										
Energy - NPC	20,222,139	2.337 ¢	\$472,591										
Subtotal	20,222,139		\$1,710,524										
Unbilled	0		\$0										
Total	20,222,139		\$1,710,524	\$404	\$773	\$1,087		(\$202)	(\$449)	(\$885)			

**SCHEDULE 46**  
 General Service-- Grand Composite

Basic Charge													
<=3000 KW	610		\$454,695										
>3000 KW	302		\$408,930										
Total Basic Charges	912												
<=3000 KW variable	972,080		\$2,378,727										
>3000 KW variable	2,602,306		\$6,288,989										
All kW	3,242,896		\$49,681,915	(\$0.03)	(\$97,287)	(\$0.04)	(\$129,716)	\$0.02	\$64,858	\$0.03	\$97,287		
Energy Charges													
All kWh	1,903,673,589		\$17,928,851	-0.002 ¢	(\$38,073)	-0.003 ¢	(\$57,110)	0.001 ¢	\$19,037	0.001 ¢	\$19,037		
Excess Kvar	216,693		\$130,016										
Demand - NPC	3,242,896		\$7,935,890										
Energy - NPC	1,903,673,589		\$43,417,825										
Subtotal	1,903,673,589		\$128,625,838										
Unbilled	0		\$0										
Total	1,903,673,589		\$128,625,838	(\$135,360)	(\$192,120)		(\$186,826)	\$83,895	\$111,539	\$116,324			

**SCHEDULE 48T**  
 Large General Service - Transmission Delivery  
 Composite

Basic Charge	336	\$8,525.00	\$2,864,400										
kW	5,782,376	\$14.66	\$84,769,632	(\$0.02)	(\$115,648)	(\$0.03)	(\$173,471)	\$0.01	\$57,824	\$0.02	\$115,648		
All kWh	3,574,285,984	0.929 ¢	\$33,205,117	-0.001 ¢	(\$35,743)	-0.001 ¢	(\$35,743)	0.001 ¢	\$35,743	0.000 ¢	\$0		
Excess Kvar	304,790	\$60.00	\$182,874										
Demand - NPC	5,782,376	\$2.41	\$13,935,526										
Energy - NPC	3,574,285,984	2.231 ¢	\$79,742,320										
Subtotal	3,574,285,984		\$214,699,869										
Unbilled	0		\$0										
Total	3,574,285,984		\$214,699,869	(\$151,390)	(\$211,534)		(\$209,214)	\$93,567	\$122,810	\$115,648			

**SCHEDULE 51**  
 Street Lighting Service Company-Owned

Per Lamp Charges										
<i>High Pressure Sodium Vapor</i>										
5,800 Lumens - Functional	17,017	\$6.35	\$108,058							
9,500 Lumens - Functional	55,936	\$7.52	\$420,639							
9,500 Lumens - S1	0	\$25.37	\$0							
9,500 Lumens - S2	0	\$21.69	\$0							
16,000 Lumens - Functional	37	\$9.46	\$350							
16,000 Lumens - S1	0	\$26.07	\$0							
16,000 Lumens - S2	0	\$22.27	\$0							
22,000 Lumens - Functional	23,351	\$11.24	\$262,465							
27,500 Lumens - Functional	1,433	\$12.69	\$18,185							
50,000 Lumens - Functional	4,742	\$18.66	\$88,486							
<i>Light-Emitting Diode (LED)</i>										
4,000 Lumens/50 Watts	0	\$7.63	\$0							
6,200 Lumens/75 Watts	0	\$13.27	\$0							
13,000 Lumens/135 Watts	0	\$15.43	\$0							
16,800 Lumens/185 Watts	0	\$20.20	\$0							
Total Bills	2,232									
Demand - NPC	5,301,560	0.063 ¢	\$3,340							
Energy - NPC	5,301,560	2.336 ¢	\$123,844							
<b>Subtotal</b>	<b>5,301,560</b>		<b>\$1,025,367</b>	<b>0.037 ¢</b>	<b>\$1,962</b>	<b>0.051 ¢</b>	<b>\$2,704</b>	<b>-0.023 ¢</b>	<b>(\$1,219)</b>	<b>-0.030 ¢</b>
Unbilled	0		\$0							
<b>Total</b>	<b>5,301,560</b>		<b>\$1,025,367</b>		<b>\$1,962</b>	<b>\$2,725</b>	<b>\$2,704</b>		<b>(\$1,219)</b>	<b>(\$1,582)</b>

**Schedule No. 53**  
 Mercury Vapor Street Lighting Service

<b>Overhead System on Wood Poles</b>										
Horizontal Lamp Charges										
7,000 Lumens	21,685	\$6.68	\$144,856							
21,000 Lumens	1,034	\$11.74	\$12,139							
55,000 Lumens	11	\$23.53	\$259							
Vertical Lamp Charges										
7,000 Lumens	19,773	\$6.08	\$120,220							
21,000 Lumens	183	\$10.77	\$1,971							
<b>Overhead System on Metal Poles</b>										
Horizontal Lamp Charges										
7,000 Lumens	578	\$8.88	\$5,133							
21,000 Lumens	956	\$14.42	\$13,786							
55,000 Lumens	0	\$27.54	\$0							
Vertical Lamp Charges										
7,000 Lumens	0	\$8.38	\$0							
21,000 Lumens	0	\$13.44	\$0							
<b>Underground System</b>										
Horizontal Lamp Charges										
7,000 Lumens	791	\$8.89	\$7,032							
21,000 Lumens	278	\$13.88	\$3,859							
55,000 Lumens	0	\$26.85	\$0							
Vertical Lamp Charges										
7,000 Lumens	754	\$8.30	\$6,258							
21,000 Lumens	11	\$12.91	\$142							
Total Bills	2,553									
Demand - NPC	3,366,681	0.063 ¢	\$2,121							
Energy - NPC	3,366,681	2.336 ¢	\$78,646							
<b>Subtotal</b>	<b>3,366,681</b>		<b>\$396,420</b>	<b>0.025 ¢</b>	<b>\$842</b>	<b>0.037 ¢</b>	<b>\$1,246</b>	<b>-0.016 ¢</b>	<b>(\$539)</b>	<b>-0.021 ¢</b>
Unbilled	0		\$0							
<b>Total</b>	<b>3,366,681</b>		<b>\$396,420</b>		<b>\$842</b>	<b>\$1,236</b>	<b>\$1,246</b>		<b>(\$539)</b>	<b>(\$718)</b>

**SCHEDULE 54**  
 Recreational Field Lighting

Basic Charge 1 Phase	487	\$7.50	\$3,653							
Basic Charge 3 Phase	197	\$10.50	\$2,069							
Total Bills	684									
<b>All kWh</b>	<b>776,639</b>	<b>3.981 ¢</b>	<b>\$30,918</b>	<b>0.014 ¢</b>	<b>\$109</b>	<b>0.017 ¢</b>	<b>\$132</b>	<b>-0.008 ¢</b>	<b>(\$62)</b>	<b>-0.010 ¢</b>
Demand - NPC	776,639	0.063 ¢	\$489							
Energy - NPC	776,639	2.336 ¢	\$18,142							
Subtotal	776,639		\$55,271							
Unbilled	0		\$0							
<b>Total</b>	<b>776,639</b>		<b>\$55,271</b>		<b>\$109</b>	<b>\$136</b>	<b>\$132</b>		<b>(\$62)</b>	<b>(\$79)</b>

**SCHEDULE 57**

Company-Owned Street Lighting Service

Operation, Maintenance, Depreciation & Fixed Costs											
Dusk to Dawn kWh	238,236	4.695 ¢	\$11,185								
Dusk to Midnight kWh	0	5.288 ¢	\$0								
Total Bills	180										
Demand - NPC	238,236	0.063 ¢	\$150								
Energy - NPC	238,236	2.336 ¢	\$5,565								
<b>Subtotal</b>	<b>238,236</b>		<b>\$16,901</b>	<b>0.042 ¢</b>	<b>\$100</b>	<b>0.061 ¢</b>	<b>\$145</b>	<b>-0.026 ¢</b>	<b>(\$62)</b>	<b>-0.035 ¢</b>	<b>(\$83)</b>
Unbilled	0		\$0								
<b>Total</b>	<b>238,236</b>		<b>\$16,901</b>		<b>\$100</b>	<b>\$145</b>	<b>\$145</b>		<b>(\$62)</b>	<b>(\$84)</b>	<b>(\$83)</b>

**SCHEDULE 58**

Customer-Owned Street Lighting Service

Operation, Maintenance, Depreciation & Fixed Costs											
HPSV 5800 LUMEN	495	\$0.95	\$470								
HPSV 9500 LUMEN	123	\$1.32	\$162								
HPSV 16000 LUMEN	363	\$2.17	\$788								
HPSV 22000 LUMEN	561	\$2.58	\$1,447								
HPSV 27500 LUMEN	1,244	\$3.91	\$4,864								
HPSV 50000 LUMEN	429	\$5.03	\$2,158								
MV 7000 LUMEN	0	\$0.00	\$0								
MV 10700 LUMEN	0	\$0.00	\$0								
MV 21000 LUMEN	0	\$0.00	\$0								
MV 36000 LUMEN	0	\$0.00	\$0								
MV 55000 LUMEN	0	\$0.00	\$0								
<i>Metal Halide</i>											
9,000 Lumens	0	\$1.32	\$0								
12,000 Lumens	0	\$2.31	\$0								
19,500 Lumens	0	\$3.19	\$0								
32,000 Lumens	0	\$5.06	\$0								
107,800 Lumens	0	\$12.03	\$0								
Non Listed Luminaire (Co. O&M) kWh	74,590	3.397 ¢	\$2,534								
Non Listed Luminaire (Cust. O&M) kWh	738,624	3.397 ¢	\$25,091								
Total Bills	564										
Demand - NPC	1,104,428	0.063 ¢	\$696								
Energy - NPC	1,104,428	2.336 ¢	\$25,799								
<b>Subtotal</b>	<b>1,104,428</b>		<b>\$64,576</b>	<b>0.012 ¢</b>	<b>\$133</b>	<b>0.018 ¢</b>	<b>\$199</b>	<b>-0.007 ¢</b>	<b>(\$77)</b>	<b>-0.011 ¢</b>	<b>(\$121)</b>
Unbilled	0		\$0								
<b>Total</b>	<b>1,104,428</b>		<b>\$64,576</b>		<b>\$133</b>	<b>\$202</b>	<b>\$199</b>		<b>(\$77)</b>	<b>(\$117)</b>	<b>(\$121)</b>

**SCHEDULE NO. 207**

Security Area Lighting - Grand Composite

Mercury Vapor Lamps											
7,000 Lumen	1,659	\$12.88	\$21,367								
10,000 Lumen	83	\$15.04	\$1,248								
21,000 Lumen	520	\$19.53	\$10,156								
55,000 Lumen	0	\$46.96	\$0								
High Pressure Sodium Vapor Lamps - New Pole											
5,800 Lumen	148	\$12.42	\$1,838								
9,500 Lumen	619	\$12.81	\$7,928								
16,000 Lumen	202	\$15.91	\$3,214								
27,500 Lumen	115	\$19.90	\$2,289								
50,000 Lumen	202	\$23.34	\$4,715								
Sodium Vapor Flood Lamps - New Pole											
16,000 Lumen	35	\$18.11	\$634								
50,000 Lumen	83	\$28.31	\$2,350								
High Pressure Sodium Vapor Lamps - No New Pole											
5,800 Lumen	81	\$10.08	\$816								
9,500 Lumen	620	\$10.84	\$6,720								
16,000 Lumen	117	\$14.15	\$1,656								
27,500 Lumen	0	\$15.52	\$0								
50,000 Lumen	95	\$20.02	\$1,902								
Sodium Vapor Flood Lamps - No New Pole											
16,000 Lumen	12	\$15.95	\$191								
50,000 Lumen	48	\$28.03	\$1,345								
Total Bills	2,700										
All kWh	348,560										
Demand - NPC	348,560	0.063 ¢	\$220								
Energy - NPC	348,560	2.337 ¢	\$8,146								
<b>Subtotal</b>	<b>348,560</b>		<b>\$76,734</b>	<b>0.085 ¢</b>	<b>\$296</b>	<b>0.119 ¢</b>	<b>\$415</b>	<b>-0.053 ¢</b>	<b>(\$185)</b>	<b>-0.069 ¢</b>	<b>(\$241)</b>
Unbilled	0		\$0								
<b>Total</b>	<b>348,560</b>		<b>\$76,734</b>		<b>\$296</b>	<b>\$414</b>	<b>\$415</b>		<b>(\$185)</b>	<b>(\$240)</b>	<b>(\$241)</b>

**SCHEDULE NO. 210**

Agricultural Pumping Service

Single Phase Customer Charge											
Single Phase Customer Charge	137	\$15.85	\$2,171								
Three Phase Customer Charge											
Three Phase Customer Charge	471	\$18.85	\$8,878								
Total Customer Charges											
Total Customer Charges	608										
Annual Customers											
All kWh	4,149,090	0.936	\$38,835	-0.001 ¢	(\$41)	-0.002 ¢	(\$83)	0.001 ¢	\$41	0.001 ¢	\$41
All On-Season kW	12,433	\$13.72	\$170,581	(\$0.02)	(\$249)	(\$0.03)	(\$373)	\$0.01	\$124	\$0.01	\$124
kvar	1,717	60.00	\$1,030								
Demand - NPC	12,433	\$1.46	\$18,152								
Energy - NPC	4,149,090	2.337 ¢	\$96,964								
Subtotal	4,149,090		\$336,611								
Unbilled	0		\$0								
<b>Total</b>	<b>4,149,090</b>		<b>\$336,611</b>		<b>(\$290)</b>	<b>(\$392)</b>	<b>(\$456)</b>		<b>\$166</b>	<b>\$227</b>	<b>\$166</b>

**SCHEDULE NO. 211**

Company-Owned Overhead Street Lighting System

*Mercury Vapor Lamps - No New Service*

4,000 Lumen	0	\$7.85	\$0
7,000 Lumen	1,483	\$9.74	\$14,444
10,000 Lumen	156	\$12.43	\$1,939
21,000 Lumen	212	\$15.75	\$3,339

*High Pressure Sodium Vapor Lamps*

5,800 Lumen - Functional	1,236	\$10.08	\$12,459
9,500 Lumens - Functional	11,638	\$10.25	\$119,290
9,500 Lumens - S1	0	\$19.79	\$0
9,500 Lumens - S2	0	\$16.92	\$0
16,000 Lumens - Functional	3,188	\$14.51	\$46,258
16,000 Lumens - S1	0	\$20.35	\$0
16,000 Lumens - S2	0	\$17.39	\$0
27,500 Lumens - Functional	5,607	\$14.80	\$82,984
50,000 Lumens - Functional	33	\$15.26	\$504

*Light-Emitting Diode (LED)*

4,000 Lumens/50 Watts	0	\$7.63	\$0
6,200 Lumens/75 Watts	0	\$13.27	\$0
13,000 Lumens/135 Watts	0	\$15.43	\$0
16,800 Lumens/185 Watts	0	\$20.20	\$0

Total Bills	612		
All kWh	1,383,266		
Demand - NPC	1,383,266	0.063 ¢	\$871
Energy - NPC	1,383,266	2.337 ¢	\$32,327

<b>Subtotal</b>	<b>1,383,266</b>	<b>\$314,415</b>	<b>0.085 ¢</b>	<b>\$1,176</b>	<b>0.125 ¢</b>	<b>\$1,729</b>	<b>-0.053 ¢</b>	<b>(\$733)</b>	<b>-0.073 ¢</b>	<b>(\$1,010)</b>
Unbilled	0	\$0								
<b>Total</b>	<b>1,383,266</b>	<b>\$314,415</b>		<b>\$1,176</b>	<b>\$1,734</b>	<b>\$1,729</b>		<b>(\$733)</b>	<b>(\$1,007)</b>	<b>(\$1,010)</b>

**SCHEDULE NO. 212**

Street Lighting

*Mercury Vapor Lamps*

7,000 Lumen	36	\$5.11	\$184
10,000 Lumen	0	\$6.14	\$0
21,000 Lumen	0	\$9.09	\$0

*High Pressure Sodium Vapor Lamps*

5,800 Lumen	12	\$5.38	\$65
9,500 Lumen	0	\$6.22	\$0
16,000 Lumen	288	\$10.13	\$2,917
27,500 Lumen	108	\$9.65	\$1,042

*High Pressure Sodium Vapor Lamps - Energy Only*

5,800 Lumen	0	\$0.96	\$0
9,500 Lumen	0	\$1.34	\$0
16,000 Lumen	0	\$2.20	\$0
27,500 Lumen	0	\$3.95	\$0
50,000 Lumen	0	\$6.04	\$0

*Metal Halide - Energy Only*

9,000 Lumens	0	\$1.34	\$0
12,000 Lumens	0	\$2.33	\$0
19,500 Lumens	0	\$3.23	\$0
32,000 Lumens	0	\$5.11	\$0
107,800 Lumens	0	\$12.15	\$0

Non Listed Energy Only kWh 3,432 ¢

Total Bills	60		
All kWh	33,672		
Demand - NPC	33,672	0.063 ¢	\$21
Energy - NPC	33,672	2.337 ¢	\$787

<b>Subtotal</b>	<b>33,672</b>	<b>\$5,016</b>	<b>0.053 ¢</b>	<b>\$18</b>	<b>0.074 ¢</b>	<b>\$25</b>	<b>-0.033 ¢</b>	<b>(\$11)</b>	<b>-0.043 ¢</b>	<b>(\$14)</b>
Unbilled	0	\$0								
<b>Total</b>	<b>33,672</b>	<b>\$5,016</b>		<b>\$18</b>	<b>\$25</b>	<b>\$25</b>		<b>(\$11)</b>	<b>(\$14)</b>	<b>(\$14)</b>

**SCHEDULE NO. 213**

Customer-Owned Outdoor Nighttime Lighting and Signal System

*Traffic Signal Systems*

Total Bills	180		
All kWh	46,437	2.119 ¢	\$984
Minimum	101	\$2.50	\$253
kWh of Minimum Billing Customers	356	(2,119) ¢	(\$8)
Demand - NPC	46,437	0.125 ¢	\$58
Energy - NPC	46,437	2.337 ¢	\$1,085

<b>Subtotal</b>	<b>46,437</b>	<b>\$2,372</b>	<b>0.018 ¢</b>	<b>\$8</b>	<b>0.023 ¢</b>	<b>\$11</b>	<b>-0.011 ¢</b>	<b>(\$5)</b>	<b>-0.014 ¢</b>	<b>(\$7)</b>
Unbilled	0	\$0								
<b>Subtotal</b>	<b>46,437</b>	<b>\$2,372</b>		<b>\$8</b>	<b>\$11</b>	<b>\$11</b>		<b>(\$5)</b>	<b>(\$6)</b>	<b>(\$7)</b>

*Metered Outdoor Nighttime Lighting - Combined*

Annual Maximum kW	346	\$6.00	\$2,076
Annual Meter Charge	12	\$30.00	\$360
Total Bills	156	\$5.00	\$780
All kWh	381,387	2.652 ¢	\$10,114
Demand - NPC	381,387	0.125 ¢	\$477
Energy - NPC	381,387	2.337 ¢	\$8,913

<b>Subtotal</b>	<b>381,387</b>	<b>\$22,720</b>	<b>0.023 ¢</b>	<b>\$88</b>	<b>0.024 ¢</b>	<b>\$92</b>	<b>-0.014 ¢</b>	<b>(\$53)</b>	<b>-0.014 ¢</b>	<b>(\$53)</b>
Unbilled	0	\$0								
<b>Subtotal</b>	<b>381,387</b>	<b>\$22,720</b>		<b>\$88</b>	<b>\$92</b>	<b>\$92</b>		<b>(\$53)</b>	<b>(\$54)</b>	<b>(\$53)</b>

Total Schedule 213	427,824	\$25,092								
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<b>Wyoming Total</b>	<b>9,246,996,993</b>	<b>\$675,840,377</b>		<b>(\$642,783)</b>	<b>(\$903,830)</b>	<b>(\$902,947)</b>		<b>\$395,524</b>	<b>\$524,737</b>	<b>\$520,170</b>
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Plus AGA Revenue Credit		\$4,119,093								
Wyoming Total	9,246,996,993	\$679,959,471								
customers	148,436									(\$135,518)

\$249,525,461

Rocky Mountain Power  
Exhibit RMP\_\_\_(RMM-4)  
Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Exhibit Accompanying Direct Testimony of Robert M. Meredith

Proposed Tariffs

May 2019

# ROCKY MOUNTAIN POWER

## Fourth Revision of Sheet No. 93-5 Canceling Third Revision of Sheet No. 93-5

P.S.C. Wyoming No. 16

### REC and SO<sub>2</sub> Revenue Adjustment Mechanism Schedule 93

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#### Monthly Billing

All charges and provisions of the applicable rate schedule will be applied in determining a Customer's bill except that the Customer's total electric bill will be increased or decreased by an amount equal to the product of all kilowatt demand multiplied by the following dollar per kilowatt rate plus all kilowatt-hours of use multiplied by the following cents per kilowatt-hour rate.

Schedule	Delivery Voltage	Billing Units	Forecast	Deferred
2	**	Energy per kWh 0-500 kWh	(0.009¢)	0.005¢
		Energy per kWh >500 kWh	(0.028¢)	0.017¢
15	**	Energy per kWh	0.042¢	(0.024¢)
18	**	Energy per kWh 0-500 kWh	(0.009¢)	0.005¢
		Energy per kWh >500 kWh	(0.028¢)	0.017¢
25	Secondary	Energy per kWh	(0.013¢)	0.007¢
	Primary	Energy per kWh	(0.013¢)	0.007¢

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(continued)

Issued by  
Joelle R. Steward, Vice President, Regulation

Issued: May 7, 2019

Effective: With service rendered  
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# ROCKY MOUNTAIN POWER

**Fourth Revision of Sheet No. 93-6**  
**Canceling Third Revision of Sheet No. 93-6**

**P.S.C. Wyoming No. 16**

**REC and SO<sub>2</sub> Revenue Adjustment Mechanism**  
**Schedule 93**

**Monthly Billing** (continued)

Schedule	Delivery Voltage	Billing Units	Forecast	Deferred
28	Secondary	Demand per kW	(\$0.04)	\$0.02
		Energy per kWh	(0.004¢)	0.002¢
	Primary	Demand per kW	(\$0.04)	\$0.02
		Energy per kWh	(0.004¢)	0.003¢
33	Primary	Supp. Demand per kW	(\$0.06)	\$0.03
		Energy per kWh	(0.003¢)	0.002¢
	Transmission	Supp. Demand per kW	(\$0.06)	\$0.03
		Energy per kWh	(0.003¢)	0.002¢
40	**	Demand per kW	\$0.01	(\$0.01)
		Energy per kWh	0.002¢	(0.001¢)
46	Secondary	On-Peak Demand per kW	(\$0.04)	\$0.03
		Energy per kWh	(0.003¢)	0.001¢
	Primary	On-Peak Demand per kW	(\$0.04)	\$0.03
		Energy per kWh	(0.003¢)	0.001¢
48T	Transmission	On-Peak Demand per kW	(\$0.03)	\$0.02
		Energy per kWh	(0.001¢)	0.000¢
51	**	Energy per kWh	0.051¢	(0.030¢)
53	**	Energy per kWh	0.037¢	(0.021¢)

(continued)

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# ROCKY MOUNTAIN POWER

Rocky Mountain Power  
Exhibit RMP\_\_\_(RMM-4) Page 3 of 18  
Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

**Fourth Revision of Sheet No. 93-7**  
**Canceling Third Revision of Sheet No. 93-7**

**P.S.C. Wyoming No. 16**

## **REC and SO<sub>2</sub> Revenue Adjustment Mechanism** **Schedule 93**

### **Monthly Billing** (continued)

Schedule	Delivery Voltage	Billing Units	Forecast	Deferred
54	**	Energy per kWh	0.017¢	(0.010¢)
57	**	Energy per kWh	0.061¢	(0.035¢)
58	**	Energy per kWh	0.018¢	(0.011¢)
207	**	Energy per kWh	0.119¢	(0.069¢)
210	**	Demand per kW Energy per kWh	(\$0.03) (0.002¢)	\$0.01 0.001¢
211	**	Energy per kWh	0.125¢	(0.073¢)
212	**	Energy per kWh	0.074¢	(0.043¢)
213-1	**	Energy per kWh	0.024¢	(0.014¢)
213-2	**	Energy per kWh	0.023¢	(0.014¢)

\*\* Rates will be applicable for all Delivery Voltage levels.

### **Rules**

Service under this Schedule is subject to the General Rules contained in the tariff of which this Schedule is a part, and to those prescribed by the Wyoming Public Service Commission.

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# ROCKY MOUNTAIN POWER

~~Third-Fourth~~ Revision of Sheet No. 93-5  
 Canceling ~~Second-Third~~ Revision of Sheet No. 93-5

P.S.C. Wyoming No. 16

## REC and SO<sub>2</sub> Revenue Adjustment Mechanism Schedule 93

### Monthly Billing

All charges and provisions of the applicable rate schedule will be applied in determining a Customer's bill except that the Customer's total electric bill will be increased or decreased by an amount equal to the product of all kilowatt demand multiplied by the following dollar per kilowatt rate plus all kilowatt-hours of use multiplied by the following cents per kilowatt-hour rate.

Schedule	Delivery Voltage	Billing Units	Forecast	Deferred
2	**	Energy per kWh 0-500 kWh	(0.00 <del>96</del> ¢)	0.00 <del>45</del> ¢
		Energy per kWh >500 kWh	(0. <del>0190</del> <del>28</del> ¢)	0. <del>0120</del> <del>17</del> ¢
15	**	Energy per kWh	0. <del>0300</del> <del>42</del> ¢	(0. <del>0180</del> <del>24</del> ¢)
18	**	Energy per kWh 0-500 kWh	(0.00 <del>96</del> ¢)	0. <del>0040</del> <del>05</del> ¢
		Energy per kWh >500 kWh	(0. <del>0190</del> <del>28</del> ¢)	0. <del>0120</del> <del>17</del> ¢
25	Secondary	Energy per kWh	(0. <del>0090</del> <del>13</del> ¢)	0. <del>0050</del> <del>07</del> ¢
	Primary	Energy per kWh	(0. <del>0090</del> <del>13</del> ¢)	0. <del>0050</del> <del>07</del> ¢

(continued)

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 on and after ~~July 1, 2018~~ June 15, 2019

# ROCKY MOUNTAIN POWER

~~Third~~ Fourth Revision of Sheet No. 93-6  
 Canceling ~~Second~~ Third Revision of Sheet No. 93-6

P.S.C. Wyoming No. 16

## REC and SO<sub>2</sub> Revenue Adjustment Mechanism Schedule 93

### Monthly Billing (continued)

Schedule	Delivery Voltage	Billing Units	Forecast	Deferred
28	Secondary	Demand per kW	(\$0.0 <u>43</u> )	\$0.02
		Energy per kWh	(0.00 <u>43</u> ¢)	0.002¢
	Primary	Demand per kW	(\$0.0 <u>34</u> )	\$0.02
		Energy per kWh	(0.00 <u>43</u> ¢)	0.00 <u>23</u> ¢
33	Primary	Supp. Demand per kW	(\$0.0 <u>64</u> )	\$0.0 <u>32</u>
		Energy per kWh	(0.00 <u>32</u> ¢)	0.00 <u>24</u> ¢
	Transmission	Supp. Demand per kW	(\$0.0 <u>64</u> )	\$0.0 <u>32</u>
		Energy per kWh	(0.00 <u>32</u> ¢)	0.00 <u>24</u> ¢
40	**	Demand per kW	\$0.0 <u>10</u>	(\$0.0 <u>10</u> )
		Energy per kWh	0.002¢	(0.001¢)
46	Secondary	On-Peak Demand per kW	(\$0.0 <u>34</u> )	\$0.0 <u>23</u>
		Energy per kWh	(0.00 <u>23</u> ¢)	0.001¢
	Primary	On-Peak Demand per kW	(\$0.0 <u>34</u> )	\$0.0 <u>23</u>
		Energy per kWh	(0.00 <u>23</u> ¢)	0.001¢
48T	Transmission	On-Peak Demand per kW	(\$0.0 <u>23</u> )	\$0.0 <u>42</u>
		Energy per kWh	(0.001¢)	0.00 <u>40</u> ¢
51	**	Energy per kWh	0.0 <u>37051</u> ¢	(0.0 <u>23030</u> ¢)
53	**	Energy per kWh	0.0 <u>25037</u> ¢	(0.0 <u>46021</u> ¢)

(continued)

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# ROCKY MOUNTAIN POWER

Rocky Mountain Power  
Exhibit RMP\_\_\_(RMM-4) Page 10 of 18  
Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

~~Third~~ Fourth Revision of Sheet No. 93-6  
Canceling ~~Second~~ Third Revision of Sheet No. 93-6

P.S.C. Wyoming No. 16

## REC and SO<sub>2</sub> Revenue Adjustment Mechanism Schedule 93

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*(continued)*

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Dkt. No. 20000-~~535~~ 558-EAM-19~~8~~

# ROCKY MOUNTAIN POWER

~~Third~~ Fourth Revision of Sheet No. 93-7  
Canceling ~~Second~~ Third Revision of Sheet No. 93-7

P.S.C. Wyoming No. 16

## REC and SO<sub>2</sub> Revenue Adjustment Mechanism Schedule 93

### Monthly Billing (continued)

Schedule	Delivery Voltage	Billing Units	Forecast	Deferred
54	**	Energy per kWh	0.01 <u>47</u> ¢	(0. <del>008</del> <u>010</u> ¢)
57	**	Energy per kWh	0. <del>042</del> <u>061</u> ¢	(0. <del>026</del> <u>035</u> ¢)
58	**	Energy per kWh	0.01 <u>28</u> ¢	(0. <del>007</del> <u>011</u> ¢)
207	**	Energy per kWh	0. <del>085</del> <u>119</u> ¢	(0. <del>053</del> <u>069</u> ¢)
210	**	Demand per kW Energy per kWh	(\$0. <del>023</del> ) (0.00 <u>24</u> ¢)	\$0.01 0.001¢
211	**	Energy per kWh	0. <del>085</del> <u>125</u> ¢	(0. <del>053</del> <u>073</u> ¢)
212	**	Energy per kWh	0. <del>053</del> <u>074</u> ¢	(0. <del>033</del> <u>043</u> ¢)
213-1	**	Energy per kWh	0.02 <u>34</u> ¢	(0.014¢)
213-2	**	Energy per kWh	0. <del>018</del> <u>023</u> ¢	(0.01 <u>44</u> ¢)

\*\* Rates will be applicable for all Delivery Voltage levels.

### Rules

Service under this Schedule is subject to the General Rules contained in the tariff of which this Schedule is a part, and to those prescribed by the Wyoming Public Service Commission.

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Issued by  
Joelle R. Steward, Vice President, Regulation

Issued: ~~April 16~~ May 7, 20198

Effective: With service rendered  
on and after ~~July 1~~ June 15, 20189

WY\_93-7.LEGE

Dkt. No. 20000-~~535~~558-EAM-198

## Attachment 2

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*Attorneys for Rocky Mountain Power*

**BEFORE THE WYOMING PUBLIC SERVICE COMMISSION**

IN THE MATTER OF THE APPLICATION OF  
ROCKY MOUNTAIN POWER TO INCREASE  
CURRENT RATES BY \$9.96 MILLION TO  
RECOVER DEFERRED NET POWER COSTS  
UNDER TARIFF SCHEDULE 95 ENERGY  
COST ADJUSTMENT MECHANISM AND TO  
INCREASE CURRENT RATES BY \$10  
THOUSAND UNDER TARIFF SCHEDULE 93,  
REC AND SO<sub>2</sub> REVENUE ADJUSTMENT  
MECHANISM

Docket No. 20000-~~558~~-  
EAM-19  
(Record No. ~~15236~~)

**APPLICATION**

Rocky Mountain Power, a division of PacifiCorp (“Company” or “Rocky Mountain Power”), hereby submits this application (“Application”) to the Wyoming Public Service Commission (“Commission”) under two different rate schedules: (1) its energy cost adjustment mechanism (“ECAM”) Tariff Schedule 95, requesting approval to collect approximately \$6.55 million in deferred net power costs (“NPC”); and (2) its REC and SO<sub>2</sub> revenue adjustment mechanism (“RRA”) Tariff Schedule 93, requesting approval to ~~collect~~ refund approximately \$~~1320~~ thousand ~~from~~ to customers to reflect the sale of renewable energy credits (“RECs”) and sulfur dioxide (“SO<sub>2</sub>”) emission allowances. The total ECAM deferral from calendar year 2018 (“Deferral Period”) was a charge of approximately \$6.55 million consisting of the following components: 1) deferred ECAM costs after the 30 percent sharing (ECAM costs include NPC, the

embedded cost differential (“ECD”), chemical costs, and start-up fuel costs); 2) accrued interest of approximately \$209 thousand; 3) a credit of approximately \$55 thousand remaining from the 2017 ECAM; 4) an increase of approximately \$170 thousand remaining from the 2018 ECAM; and 5) a credit of approximately \$100 thousand related to the settlement of the 2017 ECAM.

The Company proposes to collect the deferral balance of \$6.55 million over a 12-month period, from June 15, 2019 through June 14, 2020. The annual rate effective date for Schedule 95 is June 15.

The Company is proposing to revise Tariff Schedule 95 by removing the current refund to customers of approximately \$3.41 million (adjusted for load) and adding the charge of approximately \$6.55 million, for a total increase of approximately \$9.96 million or 1.46 percent.

Under Tariff Schedule 93, the Company is proposing to refund to customers approximately ~~\$238379~~ thousand to account for calendar year 2018 balancing account adjustments and 2019 forecast sales revenues for REC and SO<sub>2</sub> products in the market. From the currently approved approximately \$247 thousand sur-credit, this results in a rate ~~in~~decrease of approximately ~~\$1032~~ thousand from current rates, as more fully described below.

The proposed RRA rate adjustment and percentage impact varies by rate schedule under the terms in Tariff Schedule 93 as illustrated later in this Application. Rocky Mountain Power respectfully requests that this increase in Wyoming rates become effective on an interim basis June 15, 2019, subject to further review and hearing. In support of its Application, Rocky Mountain Power states as follows:

1. Rocky Mountain Power is a division of PacifiCorp, an Oregon corporation, which provides electric service to retail customers through its Rocky Mountain Power division in the

Pricing and Cost of Service. Ms. Wiencke's testimony addresses the historical and forecast sale of RECs and SO<sub>2</sub> allowances. Mr. Spackman's testimony addresses the allocation of total-Company sales to Wyoming and the calculation of the deferral component to true up calendar year 2019 REC and SO<sub>2</sub> sales. Mr. Meredith's testimony addresses the rate spread and rate design implementation of Tariff Schedule 93.

20. **Confidential Exhibits RMP\_\_\_(MMW-1)** through **RMP\_\_\_(MMW-9)** illustrate the total Company REC and SO<sub>2</sub> revenue forecast as well as the confidential actual total-Company REC sales by entity, price, resource and vintage.

21. The currently effective RRA in rates was developed for the then-forecast period beginning January 1, 2018, and ending December 31, 2018. **Exhibit RMP\_\_\_(THS-1)** is a summary of the RRA which shows that the Wyoming allocated REC and SO<sub>2</sub> sales deferred revenue balance from calendar year 2018, is approximately \$~~664~~525 thousand charged to the customers. This includes a load adjustment and time value of money adjustment under the terms of Schedule 93. The REC and SO<sub>2</sub> revenue forecast for calendar year 2019 is approximately \$903 thousand owing to customers. Combining the deferred and forecast RRA figures results in the total 2019 RRA sur-credit of approximately \$~~238~~132 thousand owing to customers. The existing RRA sur-credit in rates is approximately \$247 thousand. The difference between the current sur-credit in rates of approximately \$247 thousand and the proposed sur-credit of approximately \$~~238~~379 thousand results in a rate ~~in~~decrease of approximately \$~~103~~2 thousand over a 12-month period from June 15, 2019 through June 14, 2020.

22. **Exhibit RMP\_\_\_(THS-2)** shows the detailed calculation of forecast REC and SO<sub>2</sub> revenues for the 12-months ending December 31, 2019, including applicable renewable portfolio standards and the allocation of RECs to Wyoming. The Wyoming allocated REC and SO<sub>2</sub> sales



revenue forecast for the 2019 forecast period including interest during the recovery period is approximately \$903 thousand.

23. **Exhibit RMP\_\_\_(THS-3)** shows the detailed calculation of the REC and SO<sub>2</sub> deferred balance, which includes an adjustment for the time value of money as specified in the tariff. The actual REC and SO<sub>2</sub> sales revenue received by the Company during calendar year 2018 and through June 14, 2019, in comparison to the REC and SO<sub>2</sub> credit that was included in rates, is approximately \$~~664~~525 thousand charged to the customers including the time value of money adjustments.

24. **Table B** below summarizes the proposed price changes by tariff rate schedule applicable to the 2018 RRA adjustment. Within each rate schedule, the percentage change to individual customers may be higher or lower than the average due to rate design, customer load factors, and usage characteristics. **Exhibit RMP\_\_\_(RMM-3)** shows the RRA price change across rate schedules. It also includes billing determinants for rate design purposes through June 2020, both present and proposed rates for each rate schedule. The resulting RRA rate change in this Application represents an overall proposed rate ~~in~~decrease of approximately \$~~1032~~ thousand, or approximately ~~0.0201~~ percent.

**Table B - RRA Schedule 93**

<b>Customer Class</b>	<b>Proposed Percentage Change</b>
<b>Residential</b>	
Schedule 2	(0.0 <del>305</del> )%
<b>General Service</b>	
Schedule 25	(0.0 <del>2</del> ) <del>00</del> %
Schedule 28	(0.0 <del>300</del> ) <del>2</del> %
<b>Large General Service</b>	
Schedule 33	(0.0 <del>247</del> ) <del>2</del> %
Schedule 46	(0.0 <del>100</del> ) <del>2</del> %
Schedule 48T	(0.0 <del>200</del> ) <del>2</del> %
<b>Irrigation</b>	
Schedule 40	(0.0 <del>012</del> ) <del>2</del> %
Schedule 210	(0.0 <del>512</del> ) <del>2</del> %
<b>Lighting Schedules</b>	(0.0 <del>603</del> ) <del>2</del> %
<b>Overall</b>	(0.0 <del>201</del> ) <del>2</del> %

25. Mr. Meredith has provided testimony and exhibits in this Application which explain how the deferred NPC ECAM rate increase and the RRA rate increase are spread to the Company's service schedules. **Exhibit RMP\_\_\_(RMM-1)** is a summary rate spread exhibit which shows the combined rate spread related to both the ECAM and RRA rate increases and includes monthly billing comparisons for the combined impact by rate schedule. **Exhibit RMP\_\_\_(RMM-2)** shows the rate spread, billing determinants and rates related to the ECAM, and **Exhibit RMP\_\_\_(RMM-3)** shows the rate spread, billing determinants and rates related to the RRA.

26. Table C below summarizes the proposed price changes by tariff rate schedule applicable to the combined 2019 RRA adjustment and 2019 ECAM. Within each rate schedule, the percentage change to individual customers may be higher or lower than the average due to rate design, customer load factors, and usage characteristics. The combined effect of the 2019 RRA and ECAM in this Application represents an overall proposed rate increase of approximately \$9.9782 million or approximately 1.474 percent. However, the Company is proposing to offset these increases, in part, with a rate decrease proposed to implement a \$2.3 million refund on Schedule 92, Bonus Tax Depreciation, filed in Docket No. 20000-506-EA-16, and a forthcoming filing to revise Schedule 197, Federal Tax Act Adjustment.

**Table C - Combined Schedules 93 and 95**

<b>Residential</b>	
Schedule 2	1.046%
<b>General Service</b>	
Schedule 25	1.131%
Schedule 28	1.4037%
<b>Large General Service</b>	
Schedule 33	1.5047%
Schedule 46	1.653%
Schedule 48T	1.664%
<b>Irrigation</b>	
Schedule 40	1.345%
Schedule 210	1.1208%
<b>Lighting Schedules</b>	0.8074%
<b>Overall</b>	1.474%

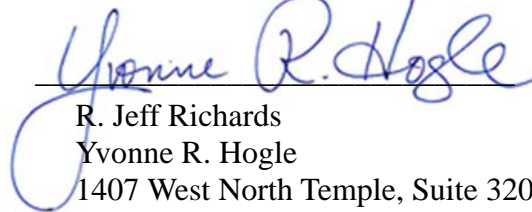
27. **Exhibit RMP\_\_\_(RMM-4)**, contains proposed revised tariff Schedule 93 and Schedule 95 in both legislative and final formats with the RRA and ECAM rates, respectively, that reflect the calculations and analysis set forth in the exhibits to this Application.

28. In order to expedite the approval process of this Application, the Company has included both printed and electronic versions of a proposed Notice of Application.

WHEREFORE, Rocky Mountain Power respectfully requests that the Commission issue a Notice of Application for the 2019 RRA and the 2019 ECAM as soon as practicable. Rocky Mountain Power further requests that the Commission approve interim rates as provided in tariff Schedule 95 to charge approximately \$6.55 million in ECAM deferred NPC and approve interim rates as provided in tariff Schedule 93 to refund customers approximately \$238379 thousand as a sur-credit to reflect RRA forecast and true-up of REC and SO<sub>2</sub> revenues as identified in this Application, both with an interim effective date of June 15, 2019.

DATED this 15<sup>th</sup> day of April, 2019.

Respectfully submitted,  
ROCKY MOUNTAIN POWER



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*Attorneys for Rocky Mountain Power*

Docket No. 20000-558-EM-19  
Witness: Terrell H Spackman

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Direct Testimony of Terrell H Spackman

Redline

May 2019

1 **PURPOSE OF TESTIMONY**

2 **Q. Please describe the purpose of your testimony.**

3 A. My testimony supports the calculation of the Company’s REC and Sulfur Dioxide  
4 (“SO<sub>2</sub>”) Revenue Adjustment Mechanism (“RRA”) filing for Tariff Schedule 93. I  
5 illustrate how the forecast and deferral components produce an RRA sur-credit of  
6 \$240379 thousand. In support of this request, my testimony includes the following:

- 7 • Explanation of the process used to determine the Wyoming-allocated REC and SO<sub>2</sub>  
8 revenues for the 12 months ending December 31, 2019 (the “Forecast Period”), and  
9 the 12 months ended December 31, 2018, (the “Comparison Period”);
- 10 • Discussion of the deferral balance calculation that represents the true-up of calendar  
11 year 2018 actual REC and SO<sub>2</sub> revenues to the amount included in rates; and
- 12 • Explanation of the REC revenues associated with the Leaning Juniper contract  
13 included in this RRA filing.

14 **Q. Please describe Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3).**

15 A. Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3) support the calculation of the  
16 requested RRA sur-credit of \$240379 thousand. They also illustrate how the Company  
17 determined the Wyoming-allocated amount of REC and SO<sub>2</sub> revenues in the Forecast  
18 Period and the Comparison Period.

19 **Q. Please describe how Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3) are  
20 organized.**

21 A. Exhibits RMP\_\_(THS-1) through RMP\_\_(THS-3) are organized as follows:

- 22 • Exhibit RMP\_\_(THS-1) contains a summary of the RRA calculation highlighting  
23 how the forecast and deferral components contribute to the Company’s sur-credit

- Page 3.4 provides the calculation of the allocation factors for the Comparison Period, which were used to allocate actual 2018 REC and SO<sub>2</sub> revenues to Wyoming.

**SUMMARY OF RRA FILING**

**Q. Please summarize the various components of the Company’s RRA filing that comprise the Schedule 93 sur-credit of \$240379 thousand.**

A. The Company calculated the RRA filing based on the methodology described in Schedule 93. The table below provides a summary of how the Company arrived at the \$240379 thousand requested sur-credit.

**Corrected Table 1  
Summary of REC and SO<sub>2</sub> Revenue Adjustment Mechanism**

Description	Amount
Forecast REC and SO <sub>2</sub> Revenue Projection	\$903,830
REC and SO <sub>2</sub> Revenue Deferred Balance	<hr/>
Total RRA - Proposed	
Total RRA Sur-credit - Docket 20000-535-EA-18	247,259
Change in RRA Schedule 93	

**Q. How does the Company propose to refund this amount?**

A. The Company is proposing to refund this amount over a 12-month period from June 15, 2019, through June 14, 2020. The proposed rate change to implement the RRA is provided in the direct testimony and supporting exhibits of Company witness Mr. Robert M. Meredith.

1 allocated share of REC revenue using the System Generation (“SG”) factor, including  
2 a reallocation of revenue initially allocated system-wide to reflect compliance with  
3 state RPS. The Company allocates REC revenues attributable to the Leaning Juniper  
4 contract using the SG factor.

5 **Q. Please describe the time value of money adjustment.**

6 A. Tariff Schedule 93 details the calculation of the time value of money adjustment that  
7 was approved by the Wyoming Public Service Commission (“Commission”) in  
8 Docket No. 20000-384-ER-10 (“2010 GRC”). The Company discounted the Forecast  
9 Period RRA revenues by a 5.03 percent discount rate over a 15-month period, as  
10 defined in the tariff, producing an adjustment of approximately \$61 thousand. The tariff  
11 defines the calculation of the 5.03 percent as the sum of the interest rate determined by  
12 the Commission pursuant to Commission Rule Chapter 3, Section 7, which is 3.53  
13 percent for 2019, plus 1.5 percent.

14 **COMPARISON PERIOD REC AND SO<sub>2</sub> REVENUE DEFERRAL**

15 **Q. What is the Comparison Period REC and SO<sub>2</sub> revenue deferral component of the**  
16 **Tariff Schedule 93?**

17 A. The Company will collect from customers approximately \$~~664~~525 thousand which  
18 comprises the Comparison Period REC and SO<sub>2</sub> revenue deferral.

19 **Q. Please explain what this amount represents and how it is calculated.**

20 A. The deferral component for the Comparison Period represents a true-up of the  
21 difference between actual REC and SO<sub>2</sub> revenues during the 12 months ended  
22 December 31, 2018, and the amount of REC and SO<sub>2</sub> revenues in rates during the same  
23 period, calculated in detail in Exhibit RMP\_\_\_\_(THS-3). The December 31, 2017,



1 ending balance of \$382 thousand from the Company's 2018 RRA filing was rolled over  
2 to become the January 1, 2018, beginning balance of the 2018 RRA Comparison  
3 Period. The monthly REC and SO<sub>2</sub> revenues in rates were compared to the actual  
4 monthly revenues realized in 2018. The difference, adjusted for the time value of  
5 money and load variance, was deferred each month, netted against the actual Tariff  
6 Schedule 93 surcharge, and accrued carrying charges in accordance with the tariff. The  
7 \$~~664~~525 thousand is collected from customers in the current RRA.

8 **Q. How did the Company determine the Wyoming-allocated REC and SO<sub>2</sub> revenue**  
9 **in rates during the Comparison Period as shown on lines 3 and 4 of Exhibit**  
10 **RMP\_\_\_(THS-3)?**

11 A. The RRA revenues in rates during 2018 were determined using the REC and SO<sub>2</sub>  
12 revenues included in the 2017 RRA and the 2018 RRA. The REC and SO<sub>2</sub> revenues  
13 shown for January 1, 2018, through June 30, 2018, reflect the amount set in rates in the  
14 2017 RRA. The REC and SO<sub>2</sub> revenues shown for July 1, 2018, through December 31,  
15 2018, reflect the amount approved in rates in the 2018 RRA. A summary of these  
16 amounts is provided on Page 2.2 of Exhibit RMP\_\_\_(THS-2).

17 **Q. Please describe the load adjustment.**

18 A. Tariff Schedule 93 specifies that the deferral balance is to be adjusted for the difference  
19 between forecast billed units and actual billed units. The Company adjusted the  
20 monthly revenues in rates for the corresponding difference between the actual 2018  
21 load and the previous forecast load used to set rates. The monthly detail of load in rates  
22 and actual load is provided on page 3.1 of Exhibit RMP\_\_\_(THS-3). The 2017 RRA

1 Period were calculated as the rate determined by the Commission pursuant to  
2 Commission Rule Chapter 3, Section 7 plus 1.5 percent per the tariff as shown in  
3 Exhibit RMP\_\_\_\_(THS-2) on Page 2.2.

4 **Q. Please explain how the January 1, 2018, beginning balance was determined.**

5 A. In Exhibit RMP\_\_\_\_(THS-3), line 13, the January 1, 2018, beginning balance is \$382  
6 thousand. This amount represents the December 31, 2017, ending balance from the  
7 2018 RRA, Exhibit RMP\_\_\_\_(THS-3), as shown on line 17 in this exhibit. Resource  
8 assignment for REC sales revenue was correctly estimated for December 2017. No  
9 adjustment is required to true-up the December 31, 2017 ending balance.

10 **Q. What do the collection amounts on Exhibit RMP\_\_\_\_(THS-3), line 15 represent?**

11 A. The collection amounts on Exhibit RMP\_\_\_\_(THS-3), line 15 represent the actual billed  
12 Tariff Schedule 93 surcharges the Company collected from Wyoming customers related  
13 to the deferral component established in the 2018 RRA. The January 1, 2018, through  
14 June 30, 2018, figures represent the amount set in the 2017 RRA. In the 2018 RRA,  
15 Exhibit RMP\_\_\_\_(THS-1), line 2 showed a REC and SO<sub>2</sub> revenue deferred balance of  
16 \$403 thousand. This amount was included in the 2018 RRA, which became effective  
17 July 1, 2018. During the 2018 deferral period, the actual collections from customers  
18 related to the deferral component of Tariff Schedule 93 were approximately \$40178  
19 thousand.

20 **Q. Please describe what the estimated Tariff Schedule 93 surcharge January 1, 2019**  
21 **through June 14, 2019 represents.**

22 A. This surcharge represents an estimate that will be collected from customers during  
23 January through June 2019 as a result of the 2018 RRA filing. With the exception of

1 **Q. Does the Company's request include carrying charges through the collection**  
2 **period, June 15, 2019, through June 14, 2020?**

3 A. Yes. The Company has included \$~~289~~ thousand for carrying charges. This amount  
4 includes \$~~158~~ thousand for the period from January 1, 2018, to December 31, 2018,  
5 and \$~~131~~ thousand for the interim period from January 1, 2019, through June 14, 2019.  
6 These amounts are included in Exhibit RMP\_\_\_\_(THS-3).

7 **Q. Does this conclude your direct testimony?**

8 A. Yes.

Docket No. 20000-558-EM-19  
Witness: Robert M. Meredith

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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ERRATA Direct Testimony of Robert M. Meredith

Redline

May 2019

1 renewable energy credits (“REC”) and sulfur dioxide (“SO<sub>2</sub>”) Revenue Adjustment  
2 Mechanism (“RRA”) forecast and deferred revenues.

3 **Q. Please summarize the rate impacts for the proposed changes to Tariff Schedules**  
4 **95 and 93.**

5 A. The combined net impact of the ECAM and RRA in this filing is an increase of  
6 \$9.9782 million, or 1.447 percent. The change in the ECAM rates results in an increase  
7 of \$9.96 million, or 1.46 percent. The change in the RRA rates results in an ~~in~~decrease  
8 of \$1036 thousand, or ~~-0.0201~~ percent. The combined impacts by rate schedule are  
9 shown in Exhibit RMP\_\_\_\_(RMM-1), page 1, based on a forecast test period of 12  
10 months ending June 2020. Pages 2 through 11 of Exhibit RMP\_\_\_\_(RMM-1) show the  
11 monthly billing comparisons for each of the major rate schedules. These tables reflect  
12 the combined impact of the ECAM and RRA rates proposed in this filing.

13 **ECAM – PROPOSED REVENUE SPREAD AND RATES FOR**  
14 **TARIFF SCHEDULE 95**

15 **Q. What is the total 2019 ECAM amount requested in this case?**

16 A. The total requested 2019 ECAM amount is a surcharge of \$6.55 million, as shown in  
17 Table 1 of Company witness Mr. Michael G. Wilding’s direct testimony. The Company  
18 proposes to collect this amount over a 12-month period, from June 15, 2019 to June 14,  
19 2020. The net change for Tariff Schedule 95 is an increase to customers of  
20 \$9.96 million, or 1.46 percent. The net change is the difference between the requested  
21 2019 ECAM charge amount and the current refund amount in rates of \$3.41 million  
22 (adjusted for load), which included the recovery of the approved balances from the  
23 2017 and 2018 ECAM.

1 **Q. How does the Company propose to allocate the 2019 ECAM revenue across**  
2 **customer classes?**

3 A. Consistent with the ECAM Adjustment Calculation provision in Tariff Schedule 95, the  
4 Company proposes to spread the annualized ECAM revenue across customer classes  
5 in the same proportion as the allocation of Base Net Power Costs to rate schedules  
6 approved in Docket No. 20000-469-ER-15 (“2015 GRC”). Exhibit RMP\_\_(RMM-2),  
7 page 1, shows the allocation of the 2019 ECAM and the net impact across rate  
8 schedules compared to present revenues.

9 **Q. How were the proposed Tariff Schedule 95 rates developed for each rate schedule?**

10 A. The proposed rates for Tariff Schedule 95 were calculated by dividing each rate  
11 schedule’s allocated annualized 2019 ECAM amount by the billing determinants for  
12 the forecast test period of 12 months ending June 2020. The calculation of the proposed  
13 rates for the 2019 ECAM are shown in Exhibit RMP\_\_(RMM-2), pages 2 through 10.

14 **RRA – PROPOSED REVENUE SPREAD AND RATES FOR TARIFF SCHEDULE 93**

15 **Q. What is the total RRA amount requested in this case?**

16 A. The requested RRA amount (combined forecast and deferred amounts) for 2019 is an  
17 ~~increase~~ of \$~~100.136 thousand~~million, or ~~-0.0204~~ percent. The net change is the  
18 difference between the current refund level of \$0.247 million and the new proposed  
19 refund level of \$0.~~2383~~3 million, as shown in Corrected Table 1 of the direct testimony  
20 of Company witness Mr. Terrell H Spackman.

21 **Q. How does the Company propose to allocate the RRA revenue increase across**  
22 **customer classes?**

23 A. Consistent with the Allocation of the RRA Surcharge/Surcredit to Customer Rate