

July 1, 2022

#### VIA ELECTRONIC FILING

Utah Public Service Commission Heber M. Wells Building, 4<sup>th</sup> Floor 160 East 300 South Salt Lake City, UT 84114

Attention: Gary Widerburg

**Commission Administrator** 

**RE:** Docket No. 22-035-38

Rocky Mountain Power's 2022 Net Metering, Customer Generation and

**Interconnection Report** 

Enclosed for filing is Rocky Mountain Power's ("Company") 2022 Net Metering, Customer Owned Generation and Interconnection Report and Attachment A for the period April 1, 2021 through March 31, 2022 ("Report"). This Report is submitted in compliance with Docket 08-035-T04 and R746-312-16. The Report is structured as follows:

**Attachment A:** provides the detail for each interconnected customer-owned generation, including expired credits

**Attachment B:** provides the calculation to support the valuation of the Schedule 135 expired excess generation credits

Attachment C: contains the customer generation summary report

Attachment D: provides additional detail for 2 new Schedule 135 customers

The Company also includes workpapers that provide supporting documentation for Section 6 of Attachment C as requested by the Division of Public Utilities in its September 8, 2021 comments in Docket No. 21-035-46.

As shown in the Report, the value of excess generation credits from customers taking service on Schedule 135, Schedule 136, and Schedule 137 are \$320,225.53, \$624,209.53, and \$31,184.72, respectively. Upon acknowledgement by the Commission of this report, the value of the excess credits will be dispersed as follows:

- 1. The value of excess credits from Schedule 135 will be credited to the Home Electric Lifeline Program balancing account per the Commission's January 11, 2019 order in Docket No. 18-035-39.
- 2. The value of the excess credits from Schedule 136 will be credited to the Energy Balance Account ("EBA"), as approved by the Commission in a letter dated August 30, 2018 in Docket No. 18-035-28.
- 3. The value of the excess credits from Schedule 137 will be credited to the EBA, as approved by the Commission in a letter dated October 5, 2021 in Docket No. 21-035-46.

It is respectfully requested that all formal correspondence and staff requests regarding this matter be addressed to:

By E-mail (preferred): datarequest@pacificorp.com

Jana.saba@pacificorp.com

By regular mail: Data Request Response Center

PacifiCorp

825 NE Multnomah St., Suite 2000

Portland, OR 97232

Informal inquiries may be directed to Jana Saba, Regulatory Manager, at (801) 220-2823.

Sincerely,

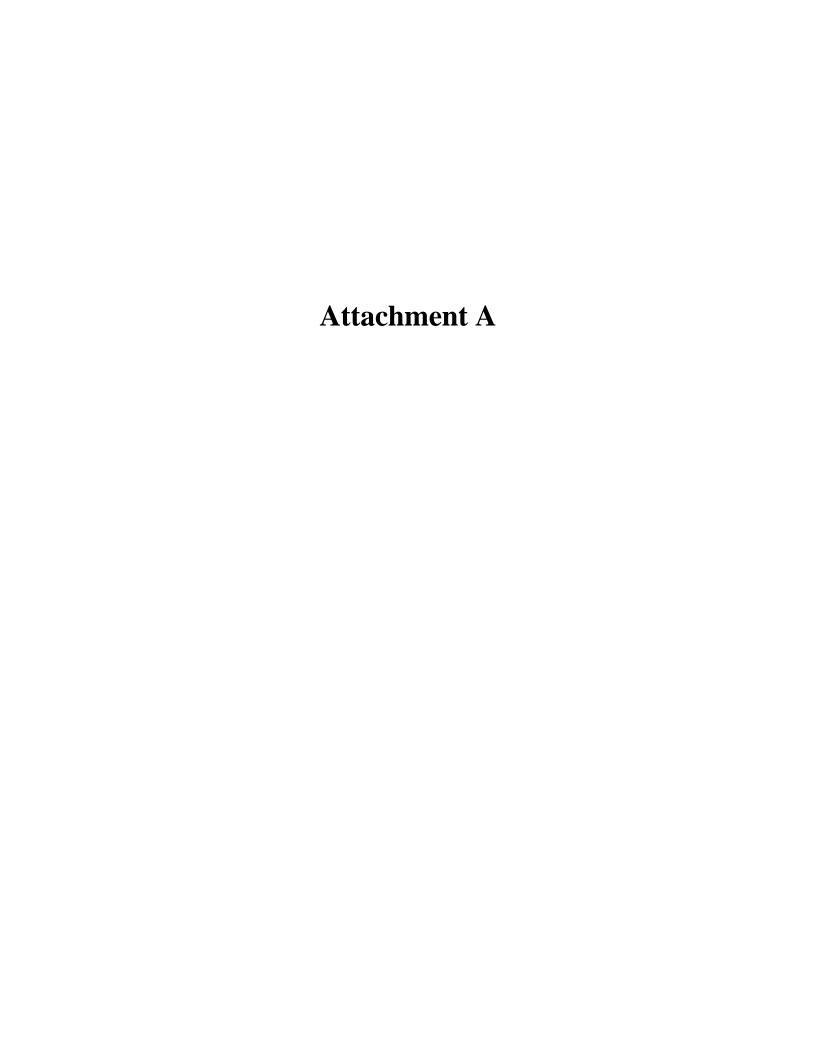
Joelle Steward

Senior Vice President, Regulation

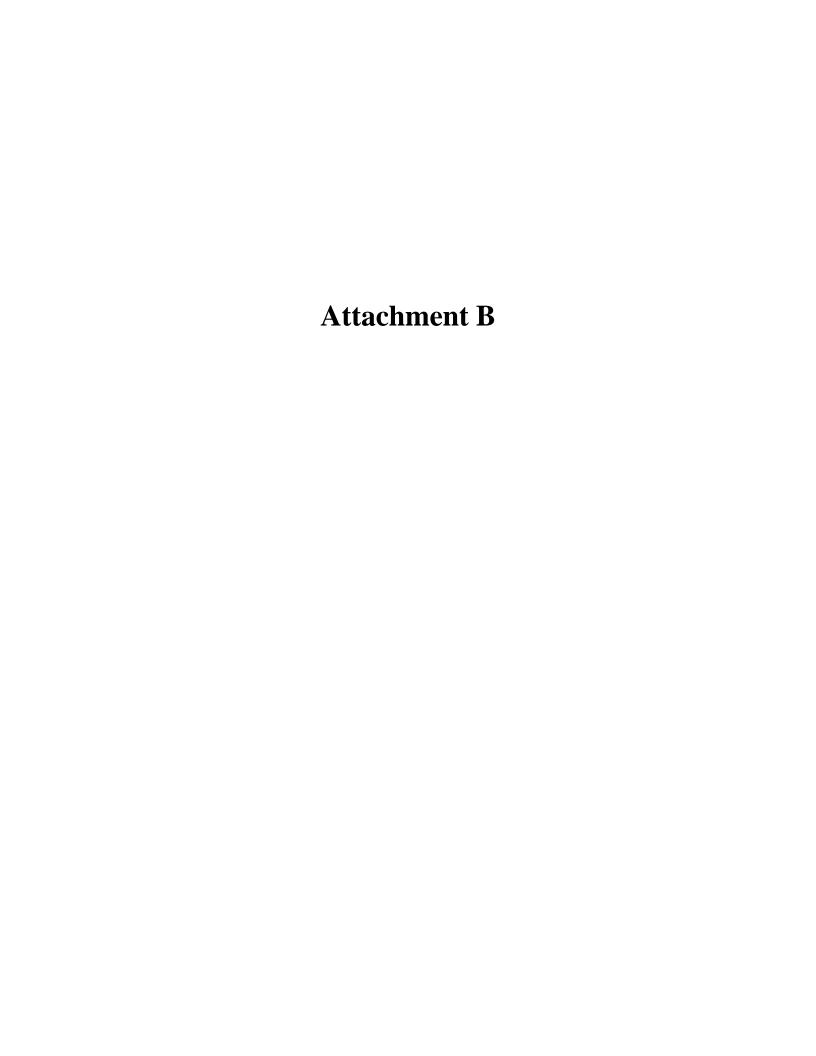
Enclosures

cc: Division of Public Utilities

Office of Consumer Services



# THIS ATTACHMENT IS VOLUMINOUS AND HAS BEEN PROVIDED IN EXCEL FORMAT ONLY



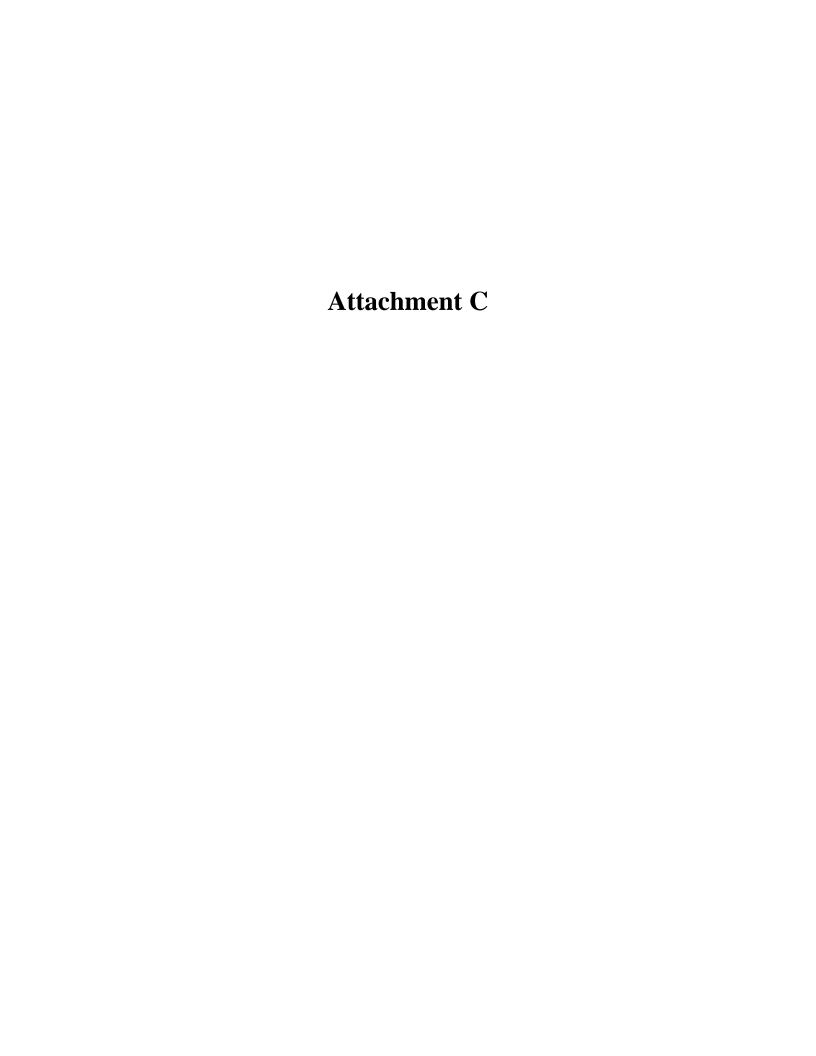
# Valuation of Expired Credits from Schedule 135 Reporting Period: April 1, 2021 through March 31, 2022

Onpeak	Hrs
Hrs Per Day (6am to 10pm)	16
Days Per Week	6
Total	96
Offpeak (10pm to 6am)	8
Days	6
Total	48
Sunday	24
Total	72
Total Hours	168
Reconcile 7 * 24	168

Uses volumetric winter and summer energy prices for on-peak and off-peak hours for non-levelized base load facilities

2021 Winter (Apr, May) Advice No 20-035-T04	Percent	Sch. 37	Calc	Allocation (2 mo)	cents per kWh
Onpeak Rate	0.57	1.594	0.910857143	0.166666667	0.15
Offpeak Rate	0.43	1.446	0.619714286	0.166666667	0.10
2021 Summer (Jun, Jul, Aug, Sep) Advice No. 21-035-T05	Percent	Sch. 37	Calc	Allocation (4 mo)	cents per kWh
Onpeak Rate	0.57	4.816	2.752	0.33333333	0.92
Offpeak Rate	0.43	1.573	0.674142857	0.33333333	0.22
2021 Winter (Oct, Nov, Dec) Docket No. 21-035-T05	Percent	Sch. 37	Calc	Allocation (3 mo)	cents per kWh
Onpeak Rate	0.57	2.003	1.144571429	0.25	0.29
Offpeak Rate	0.43	1.731	0.741857143	0.25	0.19
2022 Winter (Jan, Feb, Mar) Docket No. 21-035-T05	Percent	Tariff	Calc	Allocation (3 mo)	cents per kWh
2022 Winter (Jan, Feb, Mar) Docket No. 21-035-T05 Onpeak Rate	Percent 0.57		Calc 1.188571429	Allocation (3 mo) 0.25	cents per kWh

	Total Avoided Cost (per kWh) \$	0.02367536
	# of Expired Credits (kWh)	13,525,688
Value of Expired Credits	in the Reporting Period (12 months) \$	320,225



#### 1. Number of Customer Generation Systems (Data for report compiled on 6/22/2022)

Customer Generation Facilities by Resource Type (Net Metering - Schedule 135)						
Resource	Facilities as of March 31, 2021	New Facilities April 1, 2021 to March 31, 2022*	Total Facilities**	New Facilities January 1, 2021 to December 31, 2021*		
Solar	30,934	2	30,897	1		
Wind	49	-	48	-		
Solar and Wind (Mixed)	20	-	20	-		
Hydro	7	-	7	-		
Fuel Cell	1	-	1	-		
Total	31,011	2	30,973	1		

<sup>\*</sup> See Attachment D for additional detail on the customers interconnected on Schedule 135 during the reporting period

<sup>\*\*10</sup> Solar were added to Schedule 135 that were not previously reported but have been interconnected in previous years.

Customer Generation Facilities by Resource Type (Transition Program - Schedule 136)						
Resource Facilities as of March New Facilities Total Facilities*						
	31, 2021	April 1, 2021 to March				
		31, 2022				
Solar	17,115	286	17,380			
Solar and Battery	717	214	931			
Wind	2	-	2			
Total	17,834	500	18,313			

<sup>\*5</sup> Solar moved from Schedule 135 to Schedule 136 during reporting period.

<sup>\*14</sup> Solar were removed from Schedule 136 by the customer.

Customer Generation Facilities by Resource Type (Net Billing - Schedule 137)					
Resource Facilities as of March 31, 2021 New Facilities Total Facilities* April 1, 2021 to March 31, 2022					
Solar	871	5,450	6,353		
Solar and Battery	58	1,395	1,457		
Wind	-	-	1		
Total	929	6,845	7,811		

<sup>\*11</sup> solar and 1 solar and battery were not reported in the previous year

<sup>\*\*5</sup> Solar moved to Schedule 136 and 16 Solar and 1 wind facility moved to Schedule 137 during the reporting period.

<sup>\*\*28</sup> Solar were removed from Schedule 135 by the customer.

<sup>\*10</sup> Solar moved from Schedule 136 to 137 during reporting period.

<sup>\*2</sup> Solar were removed due to incorrect reporting in previous year.

<sup>\*10</sup> solar and 1 wind moved from Schedule 135 to 137. 12 solar and 4 solar and battery moved from Schedule 136 to Schedule 137 during the reporting period.

<sup>\*1</sup> solar and 1 solar and battery were removed due to incorrect reporting in previous year.

Customer Generation Facilities by Resource Type								
Resource Facilities as of March 31, 2021 Volume 31, 2022 Total Facilities April 1, 2021 Facilities April 1, 2021 Facilities 2021 to March 31, 2022								
Solar	18	-	18					
Wind Solar and Wind (Mixed)	l -	-	0					
Hydro Thermal	22 4		22 4					
Gas Fuel Cell	8 -	-	8 -					
Battery Storage  Total	55	-	2 55					

#### Historic to December 31, 2009

The information provided for non-RMP customer facilities represents the Company's best efforts to identify generation facilities that have been approved and are interconnected to PacifiCorp's distribution system. PacifiCorp has reviewed the generation facilities within the Balancing Authority and eliminated those that are interconnected to third parties or to the Company's transmission system. This list may not be complete because previously there were no requirements to maintain records based upon the point of interconnection with the distribution system.

#### 2. Individual Capacity of Each Installation

See Attachment A

#### 3. Total kW Combined Capacity

Customer Generation Facilities by Resource Type (Net Metering - Schedule 135)					
Resource	Facilities as of March	Iarch New Facilities Total Facilities*		New Facilities	
	31, 2021	April 1, 2021 to March		January 1, 2021 to	
		31, 2022*		December 31, 2021	
Solar	250,227.17	12.31	250,357.91	6.75	
Wind	206.42	-	204.02	-	
Solar and Wind (Mixed)	264.24	-	264.24	-	
Hydro	126.12	-	126.12	-	
Fuel Cell	15.00	-	15.00	-	
Total	250,838.95	12.31	250,967.29	6.75	

<sup>\*</sup> See Attachment D for additional detail on the customers interconnected on Schedule 135 during the reporting period

<sup>\*\*10</sup> Solar were added to Schedule 135 that were not previously reported but have been interconnected in previous years.

Customer Generation Facilities by Resource Type (Transition Program - Schedule 136)					
Resource Facilities as of March New Facilities Total Facilities*					
	31, 2021	April 1, 2021 to March			
		31, 2022			
Solar	136,277.17	3,858.99	140,070.17		
Solar and Battery	6,155.68	2,203.93	8,359.61		
Wind	21.92	-	21.92		
Total	142,454.77	6,062.92	148,451.70		

<sup>\*5</sup> Moved from Schedule 135 to Schedule 136 during reporting period.

<sup>\*14</sup> Solar were removed from Schedule 136 by the customer.

Customer Generation Facilities by Resource Type						
	(Net Billing	- Schedule 137)				
Resource Facilities as of March New Facilities Total Facilities*						
	31, 2021	April 1, 2021 to March				
		31, 2022				
Solar	6,262.56	44,742.66	51,704.57			
Solar and Battery	569.34	12,260.47	12,898.34			
Wind	-	-	11.20			
Total	6,831.90	57,003.13	64,614.11			

<sup>\*11</sup> solar and 1 solar and battery were not reported in the previous year

<sup>\*1</sup> solar and 1 solar and battery were removed due to incorrect reporting in previous year.

Customer Generation Facilities by Resource Type (Non-RMP Customers)					
Resource	Facilities as of March 31, 2021	New Facilities April 1, 2021 to March 31, 2022**	Total Facilities		
Solar	45.345	-	45.345		
Wind	0.04	-	0.04		
Solar and Wind (Mixed)	-	-	-		
Hydro	36.96	-	36.96		
Thermal	42.5	-	42.5		
Gas	8.255	-	8.255		
Fuel Cell	-	-	-		
Battery Storage	1.25	-	1.25		
Total	134.35	-	134.35		

<sup>\*\*5</sup> Solar moved to Schedule 136 and 16 Solar and 1 wind facility moved to Schedule 137 during the reporting period.

<sup>\*\*28</sup> Solar were removed from Schedule 135 by the customer.

<sup>\*10</sup> solar moved from Schedule 136 to 137 during reporting period.

<sup>\*2</sup> Solar were removed due to incorrect reporting in previous year.

<sup>\*10</sup> solar and 1 wind moved from Schedule 135 to 137. 12 solar and 4 solar and battery moved from Schedule 136 to Schedule 137 during the reporting period.

# 4. Number of Expired Credits per Customer See Attachment A

### 4a. Net Metering Excess Energy Valuation

See Attachment B

#### 5. Total Value of Expired Credits (as reported on June 22, 2022)

**Expired Credits at End of Annualized Period (Schedule 135)** 

Customers	kWh	Value	
30,973	13,525,688	\$0.0237	\$ 320,225.53

#### **Expired Credits at End of Annualized Period (Schedule 136)**

Customers	kWh	Total Value
18,313	6,838,142	\$ 624,209.53

#### **Expired Credits at End of Annualized Period (Schedule 137)**

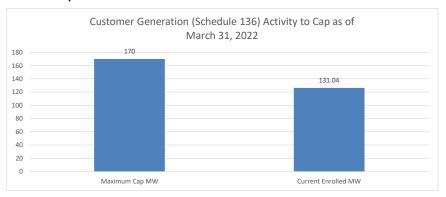
Customers	kWh	Total Value
7,811	660,134	\$ 31,184.72

#### 6. Excess Net Metering Generation per Month

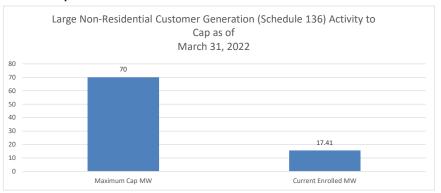
Month	Schedule 135	Schedule 136	Schedule 137
Apr-20	9,669,443	11,342,154	581,775
May-20	10,440,294	12,651,030	960,578
Jun-20	11,962,690	13,259,432	1,327,821
Jul-20	8,476,045	8,743,918	1,222,688
Aug-20	9,319,791	7,608,711	1,326,795
Sep-20	11,700,578	8,738,282	1,813,283
Oct-20	12,224,949	8,301,734	1,946,589
Nov-20	10,740,623	5,740,685	1,544,854
Dec-20	9,370,514	4,753,004	1,505,860
Jan-21	6,525,095	2,955,054	1,081,306
Feb-21	11,172,088	6,863,362	2,757,057
Mar-21	13,949,370	7,414,906	3,344,727
Total	125,551,480	98,372,272	19,413,333

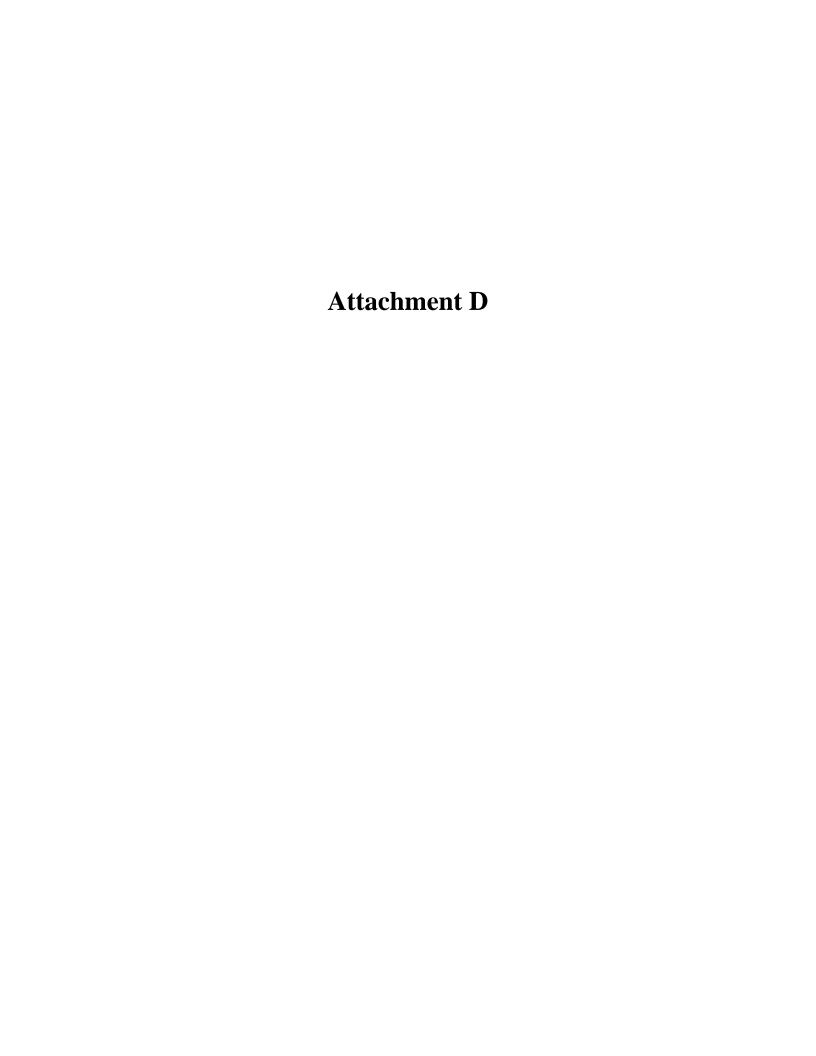
# **7. Unforeseen Problems or Barriers in the Tariff.** There are no unforeseen problems or barriers.

#### 8. Measurement to Cap



#### 9. Measurement to Cap





Customer Number	Resource Type	ĸw	Interconnectio n Date	Original Application Date	Interconnection Delay Explanation
55473	Solar	6.75	6/9/2021	9/23/2015	House was demolished and rebuilt. Due to same system size & panels, customer was grandfathered when the home was rebuilt.
61090	Solar	5.559	1/21/2021	4/1/2016	House was demolished and rebuilt. Due to same system size & panels, customer was grandfathered when the home was rebuilt.

# **CERTIFICATE OF SERVICE**

Docket No. 22-035-38

I hereby certify that on July 1, 2022, a true and correct copy of the foregoing was served by electronic mail to the following:

# **Utah Office of Consumer Services**

Michele Beck <u>mbeck@utah.gov</u>

ocs@utah.gov

# **Division of Public Utilities**

dpudatarequest@utah.gov

## **Assistant Attorney General**

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## **Rocky Mountain Power**

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Santiago Gutierrez

Coordinator, Regulatory Operations