

Rocky Mountain Power  
Docket No. 24-035-12  
Witness: Aaron J. Rose

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

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Direct Testimony of Aaron J. Rose

March 2024

1 **INTRODUCTION AND QUALIFICATIONS**

2 **Q. Please state your name, business address, and present position with PacifiCorp,**  
3 **dba Rocky Mountain Power (“Company”).**

4 A. My name is Aaron J. Rose, and my business address is 1407 W North Temple Street,  
5 Suite 330, Salt Lake City, UT 84116. My present position is Assistant Revenue  
6 Requirement Manager.

7 **Q. Briefly describe your education and business experience.**

8 A. I earned a Bachelor of Science degree in Accounting from Westminster College, now  
9 Westminster University and a Master of Business Administration from the University  
10 of Phoenix. In addition to my formal education, I have attended several accounting and  
11 leadership seminars and courses. I have been employed by PacifiCorp since January of  
12 2018.

13 **Q. Please explain your responsibilities as Assistant Revenue Requirement Manager.**

14 A. My responsibilities include the calculation of the Company’s revenue requirement, the  
15 preparation of business plan regulatory results and the preparation of the Company’s  
16 Renewable Energy Credit (“REC”) filings in various states.

17 **Q. Have you testified in previous proceedings?**

18 A. No, I have not testified in any other docket or proceeding.

19 **PURPOSE AND SUMMARY OF TESTIMONY**

20 **Q. What is the purpose of your testimony?**

21 A. I discuss the calculation of the balance in the REC Balancing Account (“RBA”).  
22 Specifically, I describe the calculation of the \$3.3 million balance the Company is  
23 requesting to return to Utah customers, comprised of the outstanding deferral balances

24 associated with Docket No. 23-035-15 RBA, and the true-up of calendar year 2023  
25 REC sales. This deferral balance of approximately \$3.3 million will be returned to  
26 customers over a one-year period beginning June 1, 2024, pursuant to Electric Service  
27 Schedule No. 98 (“Schedule 98”). My testimony provides details on how these numbers  
28 were calculated, including:

- 29 • The determination of the beginning RBA balance on January 1, 2023, including  
30 true-ups for November and December 2022 and a correction previously identified  
31 in discovery in Docket No. 23-035-15;
- 32 • The allocation of calendar year 2023 REC revenues;
- 33 • The inclusion of the ten percent incentive, as provided in the Stipulation in Docket  
34 No. 11-035-200 (the “2012 Stipulation”);
- 35 • The revenues associated with the Kennecott REC Supply Agreement and Pryor  
36 Mountain;
- 37 • The calendar year 2023 REC revenues included in base rates;
- 38 • The credits associated with Schedule 98, REC Revenue Adjustment; and
- 39 • The carrying charges that were applied to the 2024 RBA deferral balance.

40 **Q. Please provide a brief summary of how the RBA is calculated.**

41 A. The Commission approved Schedule 98 in 2011, resulting in a REC balancing account  
42 mechanism to track the difference between REC revenues included in rates and actual  
43 REC revenues collected.<sup>1</sup> Under the RBA, the variances are identified and deferred  
44 each month for one calendar year (“Deferral Period”). Annually on March 15, the

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<sup>1</sup> *In re RMP 2011 Rate Case*, Docket. No. 10-035-124, Report and Order (Sept. 13, 2011).

45 Company files an RBA application to true-up differences between base rates and actual  
46 REC revenues, including applicable carrying charges.

47 **Q. Please describe the Company's 2024 RBA filing.**

48 A. The Deferral Period for the 2024 RBA filing is January 1, 2023, through December 31,  
49 2023. The total RBA deferral balance for calendar year 2023 REC sales to be returned  
50 to customers is approximately \$3.3 million. This amount will be refunded over one year  
51 beginning June 1, 2024. Exhibit RMP\_\_\_(AJR-1) provides a table showing the  
52 calculation of this amount, and this table is linked to Exhibit RMP\_\_\_(AJR-2) that  
53 includes more detailed calculations.

54 **Q. Please describe how your Exhibit RMP\_\_\_(AJR-2) is organized.**

55 A. Exhibit RMP\_\_\_(AJR-2) provides the detailed calculation of the \$3.3 million total  
56 deferral balance. This exhibit shows: the monthly detail for calendar year 2023 for the  
57 2024 RBA Deferral Balance; the calculation of Utah-allocated actual 2023 REC  
58 revenues, and the reallocation of revenue for renewable portfolio standard ("RPS")  
59 eligibility (Page 2.1); and the System Generation ("SG") allocation factor used on page  
60 2.1 as the basis to allocate REC revenue to Utah (Page 2.2). These allocation factors  
61 are consistent with those used in the Company's energy balancing account filing.

#### 62 **CALCULATION OF THE 2024 RBA DEFERRAL BALANCE**

63 **Q. Please describe how the 2024 RBA Deferral Balance was calculated.**

64 A. The \$3.3 million 2024 RBA Deferral Balance represents the difference between the  
65 actual REC revenue booked by the Company during calendar 2023, less the 10 percent  
66 incentive retained by the Company, and the amount of REC revenue set in base rates.  
67 This balance accrued carrying charges during the deferral period (calendar year 2023)

68 and the interim period (January through May 2024). Each item is described below.

69 **Q. How did the Company determine the REC revenue beginning deferred balance as**  
70 **of January 1, 2023?**

71 A. The REC revenue deferred balance of \$1.6 million for January 1, 2023, was rolled over  
72 from the December 31, 2022, ending balance shown in Exhibit RMP\_\_\_(SEM-2),  
73 line 21 in the 2023 RBA.

74 **Q. Are any adjustments to the January 1, 2023, beginning balance necessary?**

75 A. Yes. The resource assignments for the November and December 2022 REC revenue  
76 were updated to correct the estimated and actual resource assignments resulting in a  
77 four thousand dollar decrease to the December 31, 2022, balance projected in the 2023  
78 RBA filing. Actual REC sales include two corrections identified in the 2023 RBA,  
79 which are shown on line 3 of Exhibit RMP\_\_\_(AJR-1).<sup>2</sup> After these adjustments, the  
80 beginning balance shown on Line 18 of Exhibit RMP\_\_\_(AJR-2) is \$1.7 million.

81 **Q. Please describe how the 2023 Utah allocated booked REC revenue was calculated.**

82 A. During calendar year 2023, the Company booked \$9.6 million from REC sales on a  
83 total Company basis, excluding RECs sales from Pryor Mountain wind project and the  
84 Kennecott REC Supply Agreement described below. Utah's allocated share of REC  
85 revenue is determined using the SG factor, including a reallocation of revenue initially  
86 allocated system wide to reflect compliance with state RPSs. Revenue from the sale of  
87 RECs associated with those not eligible for RPS compliance are allocated on an SG  
88 factor. The resulting Utah-allocated amount of REC revenue during 2023 was \$6.4  
89 million, as shown in Exhibit RMP\_\_\_(AJR-2) on page 2.1.

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<sup>2</sup> Docket No. 23-035-15, Division of Public Utilities Audit Report (Jul. 17, 2023) at 2.

90 **Q. Please describe the 10 percent REC incentive.**

91 A. When the Commission approved Schedule 98 in 2011, it allowed the Company to retain  
92 10 percent of the revenues from sales of RECs incremental to the forecasted REC  
93 revenue included in that case through May 2013, and thereafter incremental to the  
94 revenues received under contracts entered into after July 1, 2012. The contracts  
95 excluded from the 10 percent incentive calculation all expired during 2012. Thus, all  
96 the REC revenue, excluding revenue from the Kennecott REC Supply Agreement and  
97 Pryor Mountain as explained below, recorded in calendar year 2023 qualifies for the  
98 10 percent incentive. The Company calculated the incentive by taking 10 percent of the  
99 Utah allocated REC revenue as shown in Exhibit RMP \_\_\_(AJR-2), line 4, resulting in  
100 \$643 thousand.

101 **Q. Please explain the REC revenue from Pryor Mountain wind project and the**  
102 **Kennecott REC Supply Agreement shown on Exhibit RMP \_\_\_(AJR-2), lines 6**  
103 **and 7, respectively.**

104 A. The Pryor Mountain REC revenue shown on line 6 represents the revenues from the  
105 sale of RECs to Vitesse, LLC as described in the Company's 2020 general rate case.  
106 The Kennecott REC Supply Agreement revenues on line 7 represents the revenue the  
107 Company received from the Non-Generation and REC Supply Agreement between  
108 Kennecott Utah Copper LLC and PacifiCorp, dated April 18, 2019. The agreement  
109 specifies that:

110 Rocky Mountain Power shall allocate one hundred percent of the  
111 revenue from the REC Charge as REC revenue in the Utah REC  
112 Balancing Account (or alternative REC regulatory tracking mechanism  
113 approved by the Utah Public Service Commission) for the sole benefit  
114 of Rocky Mountain Power's Utah customers. Rocky Mountain Power  
115 will forego any REC sale incentive related to the REC Charge under the

116 current REC Balancing Account or future rate tracking mechanism.

117 The Company booked \$600 thousand during calendar year 2023 related to the REC  
118 component of the agreement which is included as a credit to Utah customers in this  
119 RBA filing.

120 **Q. How was the amount of 2023 REC revenue in base rates determined?**

121 A. The REC revenue from 2023 base rates is consistent with the amounts established by  
122 the Commission in the Company's 2020 General Rate Case.<sup>3</sup> From January 1, 2023,  
123 through December 31, 2023, the amount of Utah-allocated REC revenue in base rates  
124 was \$3.6 million, equating to approximately \$298 thousand per month. These monthly  
125 amounts are reflected in Exhibit RMP\_\_\_(AJR-2), line 14.

126 **Q. What were the total 2023 Schedule 98 credits included on customer bills?**

127 A. During calendar year 2023, Utah customers were credited approximately \$1.4 million  
128 through Schedule 98. The monthly amounts are shown in Exhibit RMP\_\_\_(AJR-2),  
129 line 15.

130 **Q. Please describe what the Estimated Schedule 98 January 1, 2024 – May 31, 2024,  
131 represents.**

132 A. This represents an estimate of the surcredits customers will receive from January 2024  
133 through May 2024 resulting from the 2023 RBA. Except for January 2024, the monthly  
134 amounts shown in Exhibit RMP\_\_\_(AJR-2) line 22 are estimated amounts because  
135 actual amounts are not known at the time of filing. The Company will update the  
136 February through May 2024 actual collections as part of the 2025 RBA.

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<sup>3</sup> *In re RMP's 2020 Rate Case*, Docket No. 20-035-04, Report and Order (Dec. 30, 2020).

137 **Q. Did you apply carrying charges to the 2024 RBA Deferral Balance in this filing?**

138 A. Yes. Approximately \$227 thousand in carrying charge credits were applied to arrive at  
139 the \$3.3 million in 2024 RBA Deferral Balance. Of this amount, approximately  
140 \$157 thousand credit was accrued during the deferral period (calendar year 2023), and  
141 approximately \$70 thousand will be accrued during the interim period (January through  
142 May 2024). The Commission's most recently approved carrying charges were applied  
143 to the monthly deferral balance to calculate the correct monthly carrying charge: 3.05  
144 percent from April 1, 2022, to March 31, 2023; 4.57 percent from April 1, 2023 to  
145 March 31, 2024; and 5.34 percent from April 1, 2024 to March 31, 2025.

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

147 A. Yes.



Rocky Mountain Power  
Exhibit RMP\_\_\_(AJR-1)  
Docket No. 24-035-12  
Witness: Aaron J. Rose

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

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Exhibit Accompanying Direct Testimony of Aaron J. Rose

Summary of REC Balancing Account (Schedule 98)

March 2024

Rocky Mountain Power  
 Utah REC Balancing Account  
 15-Mar-24

Summary of REC Balancing Account (Schedule 98)

Line No.		Reference
	<b>2024 RBA Deferral Balance Calculation:</b>	
1	2023 REC Revenue Deferred Balance @ December 31, 2022	\$ 1,645,709 Docket No. 23-035-15, RMP_(SEM-2), line 21
2	True Up for using actual resource allocations for Nov-Dec 2022	(4,268) AJR-2, Footnote 3
3	OCS 2.7 & OCS 3.4	29,389 AJR-2, Footnote 3
4	REC Revenue Deferred Balance @ December 31, 2022 in this RBA filing	<u>1,670,830</u> AJR-2, Line 18
5	2023 Actual REC Revenue	6,430,130 AJR-2, Line 3
6	10% retention incentive on incremental REC sales	(643,013) AJR-2, Line 4
7	2023 Leaning Juniper Wind Wake loss Revenue and Pryor Mountain Revenue	336,669 AJR-2, Line 6
8	2023 Kennecott Contract Revenue	600,000 AJR-2, Line 7
9	2023 REC Revenues in Base Rates	(3,571,691) AJR-2, Line 14
10	2023 Schedule 98 Surcharge/(Surcredit)	(1,358,030) AJR-2, Line 15
11	Estimated Schedule 98 Surcharge/(Surcredit) January 2023 to June 2023	(434,125) AJR-2, Line 22
12	Carrying Charges for Deferral Period (January - December 2023)	157,051 AJR-2, Line 20
13	Carrying Charges for Interim Period (January 2024 - May 2024)	69,840 AJR-2, Line 25
14	<b>Total 2024 RBA Deferral Balance</b>	<b>\$ 3,257,661</b>

Rocky Mountain Power  
Exhibit RMP\_\_\_(AJR-2)  
Docket No. 24-035-12  
Witness: Aaron J. Rose

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Exhibit Accompanying Direct Testimony of Aaron J. Rose

REC Balancing Account Calculation

March 2024

Rocky Mountain Power  
 Utah REC Balancing Account  
 15-Mar-24

Calendar Year 2023

2024 RBA (Deferral of CY 2023 REC Revenue)

Line No.	Reference	2024 RBA - Deferral Period												Total	
		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23		
<b>Actual REC Revenue</b>															
1	Total Company REC Revenue	SAP Actuals	587	1,966,410	3,887,569	1,593,288	611,707	(5,932)	489,092	(488,237)	(347)	167	324,155	1,227,133	9,605,592
2	Allocation Rate	Page 2.1	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%	66.94%
3	Utah Allocated	Line 1 * Line 2	393	1,316,345	2,602,398	1,066,572	409,486	(3,971)	327,406	(326,833)	(232)	112	216,994	821,461	6,430,130
4	10% incentive	Line 3 * 10%, Footnote 1	39	131,635	260,240	106,657	40,949	(397)	32,741	(32,683)	(23)	11	21,699	82,146	643,013
5	Net Utah Allocated REC Revenue	Line 3 - Line 4	354	1,184,711	2,342,158	959,915	368,537	(3,574)	294,665	(294,150)	(209)	101	195,295	739,315	5,787,117
6	Leaning Juniper & Pryor Mountain Revenue CY 2023	Page 2.1	40,932	42,823	36,916	39,165	32,468	31,133	17,632	18,391	16,183	19,931	17,371	23,726	336,669
7	Kennecott Revenue CY 2023	SAP Actuals	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	600,000
8	Total Utah Allocated REC Revenue	Line 5 + Line 6 + Line 7	91,286	1,277,534	2,429,074	1,049,079	451,005	77,559	362,297	(225,759)	65,974	70,032	262,666	813,041	6,723,786
<b>REC Revenue in Rates</b>															
9	Docket No. 20-035-04 UT Allocated	Footnote 2	242,037	242,037	242,037	242,037	242,037	242,037	242,037	242,037	242,037	242,037	242,037	242,037	2,904,446
10	10% incentive	Line 10 *10%, Footnote 1	24,204	24,204	24,204	24,204	24,204	24,204	24,204	24,204	24,204	24,204	24,204	24,204	290,445
11	Utah Allocated REC Revenue less incentive	Line 9- Line 10	217,833	217,833	217,833	217,833	217,833	217,833	217,833	217,833	217,833	217,833	217,833	217,833	2,614,002
12	Pryor Mountain REC Revenue	Footnote 2	29,807	29,807	29,807	29,807	29,807	29,807	29,807	29,807	29,807	29,807	29,807	29,807	357,689
13	Kennecott REC Revenue	Footnote 2	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	600,000
14	Net Utah Allocated REC Revenue	Footnote 2	297,641	297,641	297,641	297,641	297,641	297,641	297,641	297,641	297,641	297,641	297,641	297,641	3,571,691
15	Schedule 98 Surcredits/(Surcharges)	Actual Surcredits/(Surcharges) Billed	130,145	123,528	116,657	113,334	108,569	111,454	122,013	136,999	123,149	92,023	84,171	95,989	1,358,030
16	Total in Rates	Line 14 + Line 15	427,786	421,169	414,297	410,975	406,210	409,095	419,654	434,640	420,790	389,663	381,812	393,630	4,929,721
17	Monthly Deferral Amount	Line 8 - Line 16	(336,501)	856,365	2,014,776	638,104	44,796	(331,536)	(57,357)	(660,399)	(354,816)	(319,632)	(119,146)	419,411	1,794,065
18	CY 2023 Deferral Balance	Footnote 3	1,670,830	1,338,148	2,199,002	4,221,928	4,877,326	4,940,782	4,627,431	4,587,588	3,943,402	3,602,928	3,296,409	3,189,589	1,794,065
19	Monthly Deferral	Line 17	(336,501)	856,365	2,014,776	638,104	44,796	(331,536)	(57,357)	(660,399)	(354,816)	(319,632)	(119,146)	419,411	1,794,065
20	Carrying Charge	Footnotes 4 and 5	3,819	4,489	8,150	17,294	18,680	16,185	17,514	16,214	14,342	13,113	12,327	12,946	157,051
21	<b>Ending Deferral Balance - 2024 RBA</b>	Line 18 + Line 19 + Line 20	1,338,148	2,199,002	4,221,928	4,877,326	4,940,782	4,627,431	4,587,588	3,943,402	3,602,928	3,296,409	3,189,589	3,621,946	

Interim Period - Jan - June 2024

Line No.	Reference	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Total	
22	Schedule 98 Surcredits/(Surcharges)	Actual Surcredits/(Surcharges) Billed	96,625	75,000	75,000	75,000	75,000	37,500	434,125
23	Beginning Deferral Balance	Line 21	3,621,946	3,538,930	3,477,265	3,415,365	3,355,396	3,295,161	
24	Monthly Deferral Balance	Line 22	(96,625)	(75,000)	(75,000)	(75,000)	(75,000)	(37,500)	(434,125)
25	Carrying Charge	Footnote 5 & 6	13,610	13,335	13,100	15,031	14,765	-	69,840
26	<b>Ending Deferral Balance -</b>	Line 23 + Line 24 + Line 25	3,538,930	3,477,265	3,415,365	3,355,396	3,295,161	<b>3,257,661</b>	

Carrying Charge Rates

27	Carrying Charge Rate (Apr 2022- Mar 2023)	Footnote 4	3.05%
28	Carrying Charge Rate (Apr 2023- Mar 2024)	Footnote 5	4.57%
29	Carrying Charge Rate (Apr 2024- Mar 2025)	Footnote 6	5.34%

FOOTNOTES:

- 1) The Stipulation in Docket No. 11-035-200, paragraph 39 permits the Company to retain 10% of Utah-allocated REC revenue received after May 31, 2013, incremental to certain contracts executed before July 1, 2012. The excludable contracts listed in Exhibit B to the 2012 GRC stipulation terminated during 2012, all REC revenue booked January 1, 2022 through December 31, 2022 is eligible for the 10% incentive.
- 2) The REC revenue in rates for January 1, 2023 through December 31, 2023 is consistent with Docket No. 23-035-15.
- 3) The beginning balance shown for January 2023 of \$1,670,830 represents the (\$4,268) for the true-up for the November 2022 and December 2022 amounts from Docket No. 23-035-15 and the \$29,389 from OCS 2.7 and OCS 3.4.
- 4) The carrying charge of 3.05 percent applied to January 2023 through March 2023 represents the carrying charge determined in Docket No. 22-035-T03 with an effective April 1, 2022 through March 31, 2023.
- 5) The carrying charge of 4.57 percent applied to April 2023 through March 2024 represents the carrying charge determined in Docket No. 23-035-T02 with an effective April 1, 2023 through March 31, 2024.
- 6) The carrying charge of 5.34 percent applied to April 2024 through June 2024 represents the carrying charge determined in Docket No. 24-035-T02 with an effective April 1, 2024 through March 31, 2025.

Rocky Mountain Power  
 Utah REC Balancing Account  
 #####

Calculation of Utah Allocated REC Actuals for CY 2023

Jan - Dec 2023 - Actual REC Revenues - CA/OR/WA Eligible Resources(1)	\$ 8,098,005
Jan - Dec 2023 - Actual REC Revenues - CA/OR Eligible Resources(1)	\$ 432,512
Jan - Dec 2023 - Actual REC Revenues - CA Eligible Resources(1)	\$ 44,303
Jan - Dec 2023 - Actual REC Revenues - CA/WA Eligible Resources(1)	\$ 541,540
Jan - Dec 2023 - Actual REC Revenues - OR/WA Eligible Resources(1)	\$ 227,217
Jan - Dec 2023 - Actual REC Revenues - OR Eligible Resources(1)	\$ 51,254
Jan - Dec 2023 - Actual REC Revenues - Not Eligible for RPS Compliance(1)	\$ 210,762
<b>Total Jan - Dec 2023 REC Revenue:</b>	<b>\$ 9,605,592</b>

Reallocate Jan - Dec 2023 REC Revenues for Renewable Portfolio Standard

Factor	Total	California	Oregon	Washington	Wyoming	Utah	Idaho	FERC	
CY 2023 Actual SG Factor - See Page 2.1	100.000%	1.474%	27.283%	7.739%	13.954%	43.948%	5.579%	0.024%	
<b>Actual Jan - Dec 2023 REC Rev - Eligible for CA/OR/WA RP:</b>	SG	8,098,005	119,363	2,209,373	626,675	1,129,984	3,558,882	451,802	1,926
Adjustment for RPS/Commission Order	SG	4,653,862	68,597	1,269,710	360,145	649,393	2,045,263	259,647	1,107
Adjustment for RPS/Commission Order	Situs	(4,653,862)	(187,960)	(3,479,082)	(986,620)				
<b>Actual Jan - Dec 2023 REC Revenues - Reallocated total</b>		8,098,005	-	-	-	1,779,378	5,604,145	711,450	3,033
<b>Actual Jan - Dec 2023 REC Rev - Eligible for CA/OR RP:</b>	SG	432,512	6,375	118,002	33,471	60,352	190,079	24,131	103
Adjustment for RPS/Commission Order	SG	174,581	2,573	47,631	13,510	24,361	76,724	9,740	42
Adjustment for RPS/Commission Order	Situs	(174,581)	(8,948)	(165,633)					
<b>Actual Jan - Dec 2023 REC Revenues - Reallocated total</b>		432,512	-	-	46,981	84,713	266,803	33,871	144
<b>Actual Jan - Dec 2023 REC Rev - Eligible for CA RPS Ont</b>	SG	44,303	653	12,087	3,428	6,182	19,470	2,472	11
Adjustment for RPS/Commission Order	SG	663	10	181	51	92	291	37	0
Adjustment for RPS/Commission Order	Situs	(663)	(663)						
<b>Actual Jan - Dec 2023 REC Revenues - Reallocated total</b>		44,303	-	12,268	3,480	6,275	19,762	2,509	11
<b>Actual Jan - Dec 2023 REC Rev - Eligible for CA/WA RP:</b>	SG	541,540	7,982	147,748	41,908	75,566	237,994	30,214	129
Adjustment for RPS/Commission Order	SG	54,953	810	14,993	4,253	7,668	24,150	3,066	13
Adjustment for RPS/Commission Order	Situs	(54,953)	(8,792)	(95,403)	(46,160)				
<b>Actual Jan - Dec 2023 REC Revenues - Reallocated total</b>		541,540	-	162,741	-	83,234	262,144	33,279	142
<b>Actual Jan - Dec 2023 REC Rev - Eligible for OR/WA RP:</b>	SG	227,217	3,349	61,991	17,583	31,706	99,856	12,677	54
Adjustment for RPS/Commission Order	SG	122,463	1,805	33,412	9,477	17,088	53,820	6,832	29
Adjustment for RPS/Commission Order	Situs	(122,463)		(95,403)	(27,060)				
<b>Actual Jan - Dec 2023 REC Revenues - Reallocated total</b>		227,217	5,154	-	-	48,794	153,676	19,509	83
<b>Actual Jan - Dec 2023 REC Rev - Eligible for OR RP:</b>	SG	51,254	755	13,984	3,966	7,152	22,525	2,860	12
Adjustment for RPS/Commission Order	SG	19,230	283	5,247	1,488	2,683	8,451	1,073	5
Adjustment for RPS/Commission Order	Situs	(19,230)		(19,230)					
<b>Actual Jan - Dec 2023 REC Revenues - Reallocated total</b>		51,254	1,039	-	5,454	9,835	30,976	3,932	17
<b>Reallocated REC Revenues for Jan - Dec 2023:</b>	SG	5,025,752	74,078	1,371,172	388,925	701,286	2,208,699	280,396	1,195
	Situs	(5,025,752)	(206,363)	(3,759,348)	(1,060,041)	-	-	-	-
<b>Actual Jan - Dec 2023 REC Rev - Not Eligible for RPS Compliance</b>	SG	210,762	3,107	57,502	16,310	29,409	92,625	11,759	50
<b>Actual Jan - Dec 2023 REC Revenues - Total Reallocate</b>		<b>9,605,592</b>	<b>9,300</b>	<b>232,511</b>	<b>72,225</b>	<b>2,041,637</b>	<b>6,430,130</b>	<b>816,309</b>	<b>3,480</b>
		(A)					(B)		

Utah % of Actual CY 2023 REC sales(2) 66.94% Reference  
 Utah allocated CY 2023 REC revenue(2) 6,430,130 C = B / A  
 D = C \* A

SG Factor	Total
Leaning Juniper and Pryor Mountain - amounts booked in SA	766,068
Utah allocated Leaning Juniper Revenue	43.95% 336,669

1) Exhibit RMP\_\_(MRH-1) provides the actual 2023 REC sales by vintage and resource.

Rocky Mountain Power  
 Utah REC Balancing Account

15-Mar-24

Calculation of Utah CY 2023 Actual Allocation Factors

Coincident Peaks:

Year	Month	Day	Hour	CA	OR	WA	UT	ID	WY	FERC	Total
2023	1	30	9	148	2,746	807	3,478	482	1,255	3.2	8,920
2023	2	2	8	143	2,606	779	3,452	436	1,197	3.3	8,616
2023	3	6	8	146	2,449	622	3,285	426	1,131	1.6	8,061
2023	4	3	9	140	2,305	577	3,230	352	1,167	1.5	7,773
2023	5	19	17	118	2,058	630	3,520	465	1,056	1.3	7,850
2023	6	30	18	135	2,424	707	4,106	683	1,080	1.9	9,136
2023	7	21	18	135	2,500	737	5,173	759	1,156	2.6	10,463
2023	8	15	17	140	2,890	807	5,213	509	1,223	2.6	10,785
2023	9	8	17	72	1,959	576	4,330	458	1,116	1.9	8,513
2023	10	30	8	122	2,308	666	3,152	414	1,182	1.6	7,845
2023	11	28	8	149	2,638	711	3,242	363	1,184	1.7	8,287
2023	12	18	18	119	2,233	658	3,629	357	1,212	1.8	8,209
Total 12 CP				1,567	29,117	8,277	45,811	5,703	13,959	25	104,458

System Capacity Factor

1.5001%	27.8741%	7.9234%	43.8556%	5.4593%	13.3635%	0.0240%	100.0000%
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Energy:

Year	Month	CA	OR	WA	UT	ID	WY	FERC	Total
2023	1	81,541	1,456,876	447,899	2,312,609	303,538	866,266	2,196	5,470,924
2023	2	72,614	1,318,550	381,275	2,089,476	284,568	772,483	1,364	4,920,330
2023	3	80,624	1,398,955	375,198	2,163,668	294,802	820,856	1,142	5,135,244
2023	4	68,358	1,192,241	309,260	1,961,099	252,861	769,276	1,372	4,554,467
2023	5	69,109	1,138,548	301,254	2,057,308	273,264	756,166	793	4,596,442
2023	6	64,614	1,164,605	322,593	2,071,698	368,186	734,557	804	4,727,056
2023	7	81,919	1,363,081	381,876	2,868,671	481,082	793,229	1,332	5,971,190
2023	8	69,068	1,376,060	368,154	2,673,228	318,523	792,676	1,156	5,598,864
2023	9	53,028	1,117,275	313,611	2,153,965	285,199	745,143	839	4,669,059
2023	10	59,888	1,192,046	324,091	2,030,357	258,137	793,706	853	4,659,078
2023	11	67,419	1,302,262	392,825	2,067,432	221,546	801,593	971	4,854,047
2023	12	74,920	1,388,845	421,680	2,264,475	245,710	852,880	1,127	5,249,636
Total Energy		843,103	15,409,341	4,339,714	26,713,985	3,587,417	9,498,831	13,947	60,406,339

System Energy Factor  
 System Generation Factor

1.3957%	25.5095%	7.1842%	<b>44.2238%</b>	5.9388%	15.7249%	0.0231%	100.000%
1.4740%	27.2829%	7.7386%	<b>43.9476%</b>	5.5792%	13.9539%	0.0238%	100.000%