

November 1, 2023

VIA ELECTRONIC FILING

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

Attention: Gary Widerburg

Commission Secretary

Re: In the Matter of Rocky Mountain Power's Annual Demand Side Management

November 1st Deferred Account and Forecast Reporting

Docket No. 23-035-31

In its order dated August 25, 2009 in Docket No. 09-035-T08 ("Order"), the Public Service Commission of Utah ("Commission") approved the Phase I Stipulation filed August 3, 2009 in the same ("Stipulation"). As specified in the Stipulation, Rocky Mountain Power ("Company") is required to provide to the Commission and Demand Side Management ("DSM") Advisory Group¹ ("Steering Committee") by November 1st of each year a forecast of expenditures for approved programs for the next calendar year and their acquisition targets (in MWh and MW) for the next calendar year. In addition, the order issued December 21, 2011 in Docket No. 10-035-57 directed the Company to provide an estimate of the capacity and energy savings targets for approved programs in the forecast in comparison to demand-side management program targets included in the Company's most recent Integrated Resource Plan. A report containing the forecast of these items for calendar year 2023 is provided in Exhibit A, attached hereto ("Forecast Report").

The Accounting Analysis section of the Forecast Report reflects actual results through September 2023 and projects expenditures and revenues through December 2030. As illustrated in the Accounting Analysis, the Schedule 193 surcharge rate is estimated to remain flat through 2024 under current assumptions. Consequently, the Company does not intend to propose a rate adjustment to Schedule 193 at this time.

Expenditure information for individual DSM programs is provided in the DSM Expenditures section of the Forecast Report. DSM Expenditures include actual results through September 2023 and projects expenditures through December 31, 2024. Also included in the Forecast Report, and in compliance with the Commission's February 10, 2012 Acknowledgement Letter in Docket No. 10-035-57, is an estimate of total program participation and contribution to peak system load for the Irrigation Load Control Program. This analysis is included in the Peak Impact section of the Forecast Report.

¹ In context of this filing, DSM Advisory Group is redefined as the DSM Steering Committee.

Public Service Commission of Utah November 1, 2023 Page 2

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

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

michael.snow@pacificorp.com

By regular mail: Data Request Response Center

PacifiCorp

825 NE Multnomah Blvd., Suite 2000

Portland, OR 97232

Informal inquiries may be directed to me at (801) 220-4214.

Sincerely,

Michael S. Snow

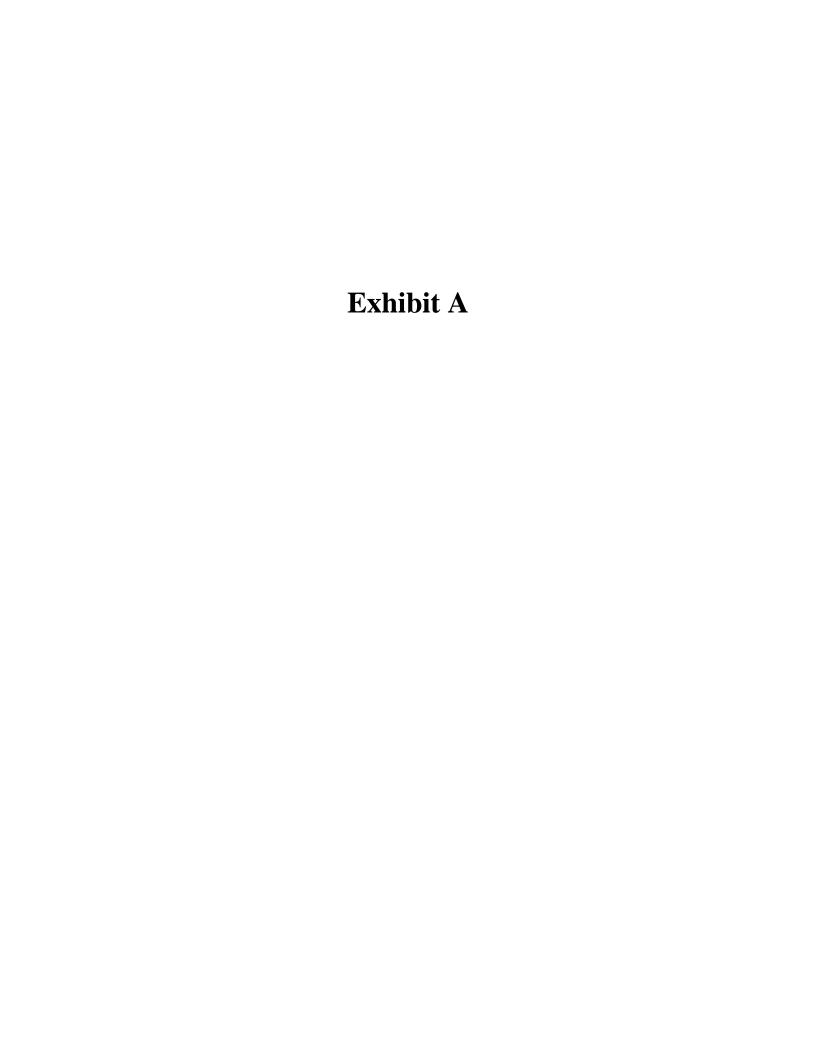
Manager, Regulatory Affairs

cc: Division of Public Utilities

Office of Consumer Services

INS Snow

Enclosures



2024 Forecast Savings compared to Resource Plan Targets

	2024 Program Fo	orecast	2023 Integrated	2023 Integrated Resource Plan		
	MWH @ Gen	MW	MWH	MW		
	2024	2024	2024	2024		
Class 1 DSM - Residential, Commercial, Industrial						
Air Conditioner Load Control - Res. & Small Com. (Sch. 114)		276		N/A		
Wattsmart Batteries Program (Sch. 114)		27		N/A		
Irrigation Load Control - Industrial (Sch. 105)		14		N/A		
C&I Load Control Program (Sch. 114)		54		N/A		
EV Charging Demand Response (Sch. 114) PENDING		2		N/A		
Total Class 1		373		339		
Class 2 DSM - Residential						
Low Income Weatherization (Sch. 118)	178	0.03	N/A	N/A		
Wattsmart Homes (Sch. 111)	54,112	9.41	N/A	N/A		
Total Class 2 Residential	54,290	9.44	N/A	N/A		
Class 2 Non-Residential Programs						
Wattsmart Business (Sch. 140)	208,724	36.30	N/A	N/A		
Total Class 2 Non-Residential	208,724	36.30	N/A	N/A		
Total Class 2	263,014	45.74	266,407	46.33		
Total Class 2 Estimated Range	252,391 - 278,958					
Misc.						
Home Energy Reporting (Sch. N/A)	109,318	19.01				

Notes:

- 1. 2023 IRP Volume I Table 6.10 pg. 158 lists 270 MW of existing short duration capacity for air conditioner load, 30 MW of capacity from WattSmart Business, 210 MW of existing capacity for irrigation load, 20 MW of which is in Utah, and 11 MW of WattSmart batteries, 10 MW of which is Utah. Total existing resources are therefore assumed to be 330 MW. Volume II Appendix D Table D.3 pg. 115 lists a total of 9.0 MW of incremental capacity for Utah for 2024. The combined total of existing plus incremental capacity is (330 MW + 9.0 MW).
- 2. Irrigation forecast represents highest expected realized value during the season (see "Irrigation Load Peak Impact" tab for an estimate by week throughout season).
- 3. Air conditioner load control (Cool Keeper) forecast represents the expected contribution/impact available at peak, temperature dependent.
- 4. Total Class 2 DSM: 2023 IRP Vol. II Table D.4 pg. 116 selected 266,407 MWh of energy efficiency for 2024 when accounting for 1st year annual energy efficiency shape.
- 5. Forecast of coincident peak MW for *Utah's* Class 2 DSM resource is dervied through the following formula:

Estimated coincident peak impact of 2023 Utah Class 2 DSM programs excluding Home Energy Reports	46.33	MW	
Fating the desirable and the all increases of 2002 Likely Class 2 DOM and appropriate and the second			_
Multiplied by Utah 2023 coincident peak value from the 2023 IRP	46.33	MW	
2023 Utah energy selections derived from the 2023 IRP Appendix D	266,407	MWh	
Peak Capacity Impact (MW) divided by forecasted Class 2 DSM energy savings (MWh)	0.000174		

- 6. 2023 IRP Utah Energy Efficiency coincident peak contribution from supporting data used to create 2023 IRP Figure 6.3 page 163
- 7. Savings is at generation.

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
	Full Year	Full Year	Full Year	Full Year	Full Year	Full Year	Full Year	Full Year	Full Year	Full Year	Full Year	
DSM Spend and Collections	Total 2020	Total 2021	Total 2022	Total 2023	Total 2024	Total 2025	Total 2026	Total 2027	Total 2028	Total 2029	Total 2030	All Years
Program Spend	64,090,327	66,013,215	66,172,157	61,912,108	79,093,658	85,952,755	87,663,894	92,331,815	95,834,856	97,040,454	103,137,124	835,152,035
Collections	48,737,866	70,522,433	72,911,534	74,522,249	75,993,331	86,669,603	95,424,442	104,150,005	110,007,149	116,420,402	122,294,255	928,915,404
**Actuals Only-Spend Accruals Change	(839,308)	(697,307)	(874,231)									
Carrying Charge Rate		8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	
Estimated Surcharge Rate	3.56%	3.56%	3.56%	3.56%	3.56%	3.97%	4.39%	4.72%	4.90%	5.12%	5.33%	
Regulatory Asset												
Beginning Balance	139,768,454	179,567,371	224,969,697	255,330,349	282,830,604	314,617,592	344,997,866	368,408,448	389,731,670	410,592,068	427,957,927	
Beginning Balance-Accrual		5,051,317										
Program Spend	64,090,327	66,013,215	66,172,157	61,912,108	79,093,658	85,952,755	87,663,894	92,331,815	95,834,856	97,040,454	103,137,124	835,152,035
Program Spend - Accrual	(839,308)	(697,307)	(874,231)									
Amortization	(18,400,788)	(24,964,895)	(31,455,548)	(38,580,108)	(47,306,670)	(55,572,480)	(64,253,313)	(71,008,593)	(74,974,457)	(79,674,595)	(83,913,288)	(571,703,947)
Carrying Charge (8.99% rate)		16,366,228	17,304,530	18,317,502	26,303,864	28,862,538	31,171,129	33,141,412	35,032,692	36,745,807	38,380,967	281,626,669
Paydown of Carrying Charge		(16,366,228)	(17,304,530)	(18,317,502)	(26,303,864)	(28,862,538)	(31,171,129)	(33,141,412)	(35,032,692)	(36,745,807)	(38,380,967)	(281,626,669)
Ending Balance	184,618,685	224,969,701	258,812,075	278,662,349	314,617,592	344,997,866	368,408,448	389,731,670	410,592,068	427,957,927	447,181,763	
Regulatory Liability												
Beginning Balance	(154,075,179)	-	(29,191,311)	(53,340,819)	(4,781,306)	(7,164,103)	(9,398,688)	(9,398,688)	(9,398,688)	(9,398,688)	(9,398,688)	
Collections	(48,737,866)	(70,522,433)	(72,911,534)	(74,522,249)	(75,993,331)	(86,669,603)	(95,424,442)	(104,150,005)	(110,007,149)	(116,420,402)	(122,294,255)	(928,915,404)
Amortization	18,400,788	24,964,895	31,455,548	38,580,108	47,306,670	55,572,480	64,253,313	71,008,593	74,974,457	79,674,595	83,913,288	571,703,947
Carrying Charge (8.99% rate)	(746,049)	-	-	-	-	-	-	-	-	-	-	
Paydown of Carrying Charge		16,366,228	17,304,530	18,317,502	26,303,864	28,862,538	31,171,129	33,141,412	35,032,692	36,745,807	38,380,967	281,626,669
Coal Accelerated Depreciation Applications	185,158,306	-	-	66,184,152	-	-	-	-	-	-	-	66,184,152
Ending Balance	-	(29,191,311)	(53,342,767)	(4,781,306)	(7,164,103)	(9,398,688)	(9,398,688)	(9,398,688)	(9,398,688)	(9,398,688)	(9,398,688)	
Net Regulatory Asset/(Liability)												
Ending Balance	184,618,685	195,778,390	205,469,308	273,881,043	307,453,489	335,599,179	359,009,760	380,332,982	401,193,381	418,559,240	437,783,076	
Carrying Charge Calculations/Offsets												
Reg Asset Carrying Charge		\$ 17,625,420	\$ 21,238,128	\$ 23,883,583	\$ 26,815,810	\$ 29,605,546	\$ 32,016,071	\$ 33,986,354	\$ 35,877,634	\$ 37,590,749	\$ 39,225,909	
Reg Liability Carrying Charge		(1,259,192)	\$ (3,611,911)	\$ (5,566,081)	\$ (511,946)	\$ (743,009)	\$ (844,942)	\$ (844,942)	\$ (844,942)	\$ (844,942)	\$ (844,942)	
Net		\$ 16,366,228	\$ 17,626,218	\$ 18,317,502	\$ 26,303,864	\$ 28,862,538	\$ 31,171,129	\$ 33,141,412	\$ 35,032,692	\$ 36,745,807	\$ 38,380,967	

Accelerated Depreciation Applications

Accel Deprec Applied In Current Period? (Y/N)

G/L Balance

Coal Fund Balance

Balance per October 2018 Filing	192,000,000	229,000,000	258,000,000	282,000,000	300,000,000	310,000,000	316,000,000
Balance per current assumptions	185,158,306	214,349,616	238,501,073	256,125,712	258,508,509	260,743,093	260,743,093
Fund Balance Variance: Surplus/(Deficit)	(6,841,694)	(14,650,384)	(19,498,927)	(25,874,288)	(41,491,491)	(49,256,907)	(55,256,907)

Assumptions/Comments

Future collections are estimated based on projected load growth and base rate increase of 1.6% in 2021
Collections surcharge rate is held flat at 3.56% until amortization and carrying charges exceed projected collections, at which point surcharge/collections increased to equal amortization plus carrying charges. \$185m coal plant buy down applied in 2021; and additional \$66m coal plant buy down in 2023.

Includes actuals through May 2023.

DSM Program Expenditures							2023 Program Year Spend					
	YTD Balance	Accrual	Total thru		Forecast Oct thru Dec 2023				Nov 1, 2022	Jul 1, 2023		
	Sept 2023	for Sept	Sept 2023	Oct-23	Nov-23	Dec-23	2023 Totals	_	Forecast	Forecast		
Residential Programs												
A/C Load Control Program (Sch. 114)	\$6,402,388	\$774,060	\$7,176,447	\$495,000	\$150,000	\$150,000	\$ 7,971,44	7 \$	6,500,000	\$ 6,500,000		
Wattsmart Batteries Program (Sch. 114)	\$2,187,532	\$ -	\$2,187,532	\$200,000	\$250,000	\$300,000	\$ 2,937,53	2 \$	5,000,000	\$ 5,000,000		
EV Charging Demand Response (Sch. 114) PENDING	\$0	\$ -	\$0	\$0	\$0	\$0	\$ -	\$	-	\$ -		
Low Income (Sch. 118)	\$93,425	\$ -	\$93,425	\$35,525	\$35,525	\$35,525	\$ 200,00	0 \$	250,000	\$ 200,000		
Home Energy Reports (Sch. N/A)	\$1,081,919	\$ 362,106	\$1,444,026	\$115,000	\$115,000	\$115,000	\$ 1,789,02	6 \$	1,550,000	\$ 1,550,000		
Wattsmart Homes Program (Sch. 111)	\$13,720,709	\$621,591	\$14,342,300	\$1,097,862	\$1,297,862	\$1,397,862	\$ 18,135,88	7 \$	19,500,000	\$ 17,266,000		
	\$23,485,973	\$1,757,757	\$25,243,731	\$1,943,387	\$1,848,387	\$1,998,387	\$ 31,033,89	2 \$	32,800,000	\$ 30,516,000		
Commercial & Industrial Sector Programs												
Wattsmart Business Commercial (Sch. 140)	\$15,722,649	\$1,784,431	\$17,507,081	¢2.520.246	\$3,529,346	\$3,529,346	\$ 32.308.60	12 ¢	36.000.000	\$ 23.800.000		
Wattsmart Business Industrial (Sch. 140)	\$4,649,977	\$563,505	\$5,213,482	\$2,529,346	\$3,529,540	\$3,529,340	φ 32,306,00	12 Þ	30,000,000	φ 23,600,000		
Industrial Irrigation Load Control (Sch. N/A)	\$12,937	\$ -	\$12,937	\$162,354	\$162,354	\$162,354	\$ 500,00	0 \$	500,000	\$ 500,000		
C&I Load Control Program (Sch. 114)	\$770,140	\$ -	\$770,140	\$10,000	\$20,000	\$460,000	\$ 1,260,14	0 \$	6,425,000	\$ 6,425,000		
	\$21,155,704	\$2,347,936	\$23,503,640	\$2,701,701	\$3,711,701	\$4,151,701	\$ 34,068,74	1 \$	42,925,000	\$ 30,725,000		
Outreach and Communications	\$702,562	\$ -	\$702,562	\$265,813	\$265,813	\$265,813	\$ 1,500,00	0 \$	1,500,000	\$ 1,500,000		
Portfolio (TRL, DSM Central, Training)	\$264,980	\$38,218	\$303,198	\$3,300	\$3,300	\$3,300	\$ 313,09	8 \$	250,000	\$ 250,000		
Program Evaluation Cost - C&I	\$98,884		\$98,884	\$137,238	\$137,238	\$137,238	\$ 510,59	7 \$	510,597	\$ 510,597		
Program Evaluation Cost - Res	\$83,946	\$ 20,807	\$104,752	\$2,109	\$2,109	\$2,109	\$ 111,08	0 \$	111,080	\$ 111,080		
Potential Study	\$15,740	\$3,538	\$19,278	\$19,407	\$19,407	\$19,407	\$ 77,50	0 \$	77,500	\$ 77,500		
Total DSM Program Expenditures	\$ 45,807,788	\$ 4,168,255	\$ 49,976,044	\$ 5,072,955	\$ 5,987,955	\$ 6,577,955	\$ 67,614,90	8 \$	78,174,177	\$ 63,690,177		

Notes:
Jan-Sept 2023 actuals
Split for WSB program cost was based on 2023 kWh savings (76% / 24%)
Accruals added to capture full cost through Sept.

DSM Program Expenditures

DSM Program Expenditures													Jan - Dec
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024 Totals
Residential Programs													
A/C Load Control Program (Sch. 114)	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	\$733,445	8,801,345
Wattsmart Batteries Program (Sch. 114)	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	4,200,000
EV Charging Demand Response (Sch. 114) PENDING	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	\$13,542	162,500
Low Income (Sch. 118)	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	250,000
Home Energy Reports (Sch. N/A)	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	\$108,333	1,300,000
Wattsmart Homes Program (Sch. 111)	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	\$1,625,000	19,500,000
	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	\$2,851,154	34,213,845
Commercial & Industrial Sector Programs													
Wattsmart Business Commercial (Sch. 140)	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	\$3,277,553	39,330,636
Wattsmart Business Industrial (Sch. 140)													
Industrial Irrigation Load Control (Sch. N/A)	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	\$41,667	500,000
C&I Load Control Program (Sch. 114)	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	\$216,667	2,600,000
	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	\$3,535,886	42,430,636
Outreach and Communications	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	1,500,000
Portfolio (TRL, DSM Central, Training)	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	\$20,833	250,000
Program Evaluation Cost - C&I	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	\$42,550	510,597
Program Evaluation Cost - Res	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	\$9,257	111.080
Potential Study	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	\$6,458	77,500
Total DSM Program Expenditures	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 6.591.138	\$ 79.093.658

Notes: Jan-Sept 2023 actuals Split for WSB program cost was based on 2023 kWh savings (76% / 24%) Accruals added to capture full cost through Sept.

DSM Program Expenditures

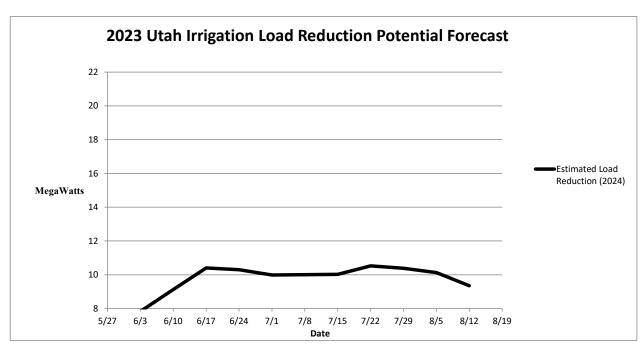
DSM Program Expenditures	2	024 Budget Forecast
Residential Programs		
A/C Load Control Program (Sch. 114)	\$	8,801,345
Wattsmart Batteries Program (Sch. 114)	\$	4,200,000
EV Charging Demand Response (Sch. 114) PENDING	\$	162,500
Low Income (Sch. 118)	\$	250,000
Home Energy Reports (Sch. N/A)	\$	1,300,000
Wattsmart Homes Program (Sch. 111)	\$	19,500,000
	_	34,213,845
Commercial & Industrial Sector Programs		
Wattsmart Business Commercial (Sch. 140) Wattsmart Business Industrial (Sch. 140)		39,330,636
Industrial Irrigation Load Control (Sch. N/A)		500,000
C&I Load Control Program (Sch. 114)		2,600,000
		42,430,636
Outreach and Communications		1,500,000
Portfolio (TRL, DSM Central, Training)		250,000
Program Evaluation Cost - C&I		510,597
Program Evaluation Cost - Res		111,080
Potential Study		77,500
Total DSM Program Expenditures	-	79,093,658

Notes:
Jan-Sept 2023 actuals
Split for WSB program cost was based on 2023 kWh savings (76% / 24%)
Accruals added to capture full cost through Sept.

Rocky Mountain Power Exhibit A Page 6 of 7 Docket No. 23-035-3

Estimated Peak Impact of Irrigation Load Control By Week

Program Weeks	25-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	5-Aug	12-Aug
Estimated Load Reduction (2024)	8	8	9	10	10	10	10	10	11	10	10	9
Participating Load (2024)	22	22	22	22	22	22	22	22	22	22	22	22
Percent Participating Load	35%	36%	42%	48%	48%	46%	46%	46%	49%	48%	47%	43%



Note:

2024 expected impact is based on weekly load availability results for Utah's irrigation program during the 2018 - 2023 control seasons.

Actual impact at peak will be dependent on when monthly peaks occur throughout the 2023 control months.

2023 was a wet year, with events only starting in week 5 of the ILC program.

Closest actual load reduction was used for weeks that did not see load reduction. Note that the first event of 2022 was Week 6, and the first event of 2023 was Week 5.

CERTIFICATE OF SERVICE

Docket No. 23-035-31

I hereby certify that on November 1, 2023, a true and correct copy of the foregoing was served by electronic mail to the following:

Utah Office of Consumer Services

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Rocky Mountain Power

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Santiago Gutierrez

Coordinator, Regulatory Operations