

Rocky Mountain Power
Exhibit RMP__(JRS-1R)
Docket No. 14-035-114
Witness: Joelle R. Steward

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Exhibit Accompanying Rebuttal Testimony of Joelle R. Steward
Revised Proposed Schedule 5 Rates and Monthly Billing Comparisons

July 2017

Schedule 5 - Residential Service for Customer Generators		
	Proposed Price	
	Option 1 - Demand Focused Time-of-Use	Option 2 - Energy Focused Time-of-Use
Customer Charge		
1 Phase	\$13.00	\$28.00
3 Phase	\$26.00	\$56.00
Demand Charge		
On-peak (\$/kW)*	\$8.25	N/A
Energy Charges		
On-peak kWh (¢/kWh)*	3.6374	28.5533
Off-peak kWh (¢/kWh)*	3.6374	3.6374
*On-peak periods: Monday-Friday (except holidays) October - April: 8:00 a.m. to 10:00 a.m. and 3:00 p.m. to 8:00 p.m. May - September: 3:00 p.m. to 8:00 p.m.		

Rocky Mountain Power
Monthly Billing Comparison
Schedule 136 - State of Utah
Bill Savings from Proposed Demand Focused TOU Schedule 5 Rates for New Residential NEM Customers

Full Requirements Monthly kWh	% of DG Production to Full Requirements Energy Usage												
	0%	10%		25%		50%		75%		100%			
	Present	Proposed	% Change	Proposed	% Change	Proposed	% Change	Proposed	% Change	Proposed	% Change	Proposed	% Change
500	\$55	\$50	-10%	\$48	-13%	\$45	-19%	\$40	-27%	\$35	-36%	\$31	-45%
750	\$85	\$77	-9%	\$65	-23%	\$61	-28%	\$54	-36%	\$47	-45%	\$31	-64%
1,000	\$114	\$95	-16%	\$92	-20%	\$77	-32%	\$67	-41%	\$58	-49%	\$39	-65%
1,250	\$146	\$114	-22%	\$109	-26%	\$102	-30%	\$81	-45%	\$69	-53%	\$48	-67%
1,500	\$179	\$132	-26%	\$126	-29%	\$118	-34%	\$94	-47%	\$80	-55%	\$57	-68%
1,750	\$211	\$151	-29%	\$144	-32%	\$134	-37%	\$108	-49%	\$82	-61%	\$65	-69%
2,000	\$244	\$178	-27%	\$161	-34%	\$150	-39%	\$122	-50%	\$93	-62%	\$74	-70%
2,500	\$309	\$214	-30%	\$205	-34%	\$182	-41%	\$149	-52%	\$116	-62%	\$83	-73%
3,000	\$373	\$251	-33%	\$240	-36%	\$213	-43%	\$176	-53%	\$138	-63%	\$100	-73%

Assumptions

1. Average monthly DG generation kWh/kW 116
2. Average on-peak load factor % 29%
3. Average monthly Full kWh for Residential NM customer 977
4. DG demand impact index: on-peak kW/MWh 1.47
5. Estimated on-peak kW = Full kWh/(730*29%) - DG MWh x 1.47

**Rocky Mountain Power
 Monthly Billing Comparison
 Schedule 136 - State of Utah
 Bill Savings from Proposed Energy Focused TOU Schedule 5 Rates for New Residential NEM Customers**

Full Requirements Monthly kWh	% of DG Production to Full Requirements Energy Usage												
	0%		10%		25%		50%		75%		100%		
	Present	Proposed	% Change	Proposed	% Change	Proposed	% Change	Proposed	% Change	Proposed	% Change	Proposed	% Change
500	\$55	\$74	33%	\$69	24%	\$62	11%	\$49	-11%	\$37	-32%	\$28	-49%
750	\$85	\$96	14%	\$89	5%	\$78	-8%	\$60	-29%	\$42	-50%	\$28	-67%
1,000	\$114	\$119	5%	\$109	-4%	\$95	-17%	\$71	-38%	\$47	-59%	\$28	-75%
1,250	\$146	\$142	-3%	\$130	-11%	\$112	-24%	\$81	-44%	\$51	-65%	\$28	-81%
1,500	\$179	\$165	-8%	\$150	-16%	\$128	-28%	\$92	-49%	\$56	-69%	\$28	-84%
1,750	\$211	\$187	-11%	\$170	-19%	\$145	-31%	\$103	-51%	\$60	-71%	\$28	-87%
2,000	\$244	\$210	-14%	\$191	-22%	\$162	-34%	\$113	-53%	\$65	-73%	\$28	-88%
2,500	\$309	\$256	-17%	\$231	-25%	\$195	-37%	\$135	-56%	\$74	-76%	\$28	-91%
3,000	\$373	\$301	-19%	\$272	-27%	\$228	-39%	\$156	-58%	\$83	-78%	\$28	-92%

Assumptions

1. Average monthly DG generation kWh/kW	116
2. Average on-peak load factor %	29%
3. Average monthly Full kWh for Residential NM customer	977
4. DG demand impact index: on-peak kW/MWh	1.47
5. Estimated on-peak kW = Full kWh/(730*29%) - DG MWh x 1.47	