

Rocky Mountain Power  
Exhibit RMP\_\_\_(JRS-2SD)  
Docket No. 20000-519-EA-17  
Witness: Joelle R. Steward

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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Exhibit Accompanying Supplemental Direct Testimony of Joelle R. Steward

Example Annual RTM Deferral Calculation – Revenue Requirement

February 2018

Exhibit RMP\_\_\_(JRS-2SD)

Line No.	Description	Reference	(a) 2019 Repowering		(b) 2019 Repowering		(c) 2019 Repowering		(d)		(e) 2020 Repowering		(f) 2020 Repowering		(g)		(h)		(i) 2021 Repowering		(j) 2021 Repowering		(k)		(l)		(m) 2022 Repowering		(n) 2022 Repowering		(o) 2022 Repowering		(p)							
			Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated	Total Company	Factor	%	Wyoming Allocated						
1	Plant Revenue Requirement		167,208	SG	15.9592%	26,685			967,714	SG	15.9592%	154,439	1,103,618	SG	15.9592%	176,129	1,103,618	SG	15.9592%	176,129	1,103,618	SG	15.9592%	176,129	1,106,246	SG	15.9592%	176,548	1,106,246	SG	15.9592%	176,548	1,106,246	SG	15.9592%	176,548				
2	Capital Investment	Footnote 1	(908)	SG	15.9592%	(146)			(23,039)	SG	15.9592%	(3,677)	(67,750)	SG	15.9592%	(9,216)	(67,750)	SG	15.9592%	(9,216)	(67,750)	SG	15.9592%	(9,216)	(94,590)	SG	15.9592%	(15,096)	(94,590)	SG	15.9592%	(15,096)	(94,590)	SG	15.9592%	(15,096)	(94,590)	SG	15.9592%	(15,096)
3	Depreciation Reserve	Footnote 1	(5,894)	SG	15.9592%	(941)			(73,468)	SG	15.9592%	(11,725)	(139,745)	SG	15.9592%	(22,302)	(139,745)	SG	15.9592%	(22,302)	(139,745)	SG	15.9592%	(22,302)	(178,068)	SG	15.9592%	(28,418)	(178,068)	SG	15.9592%	(28,418)	(178,068)	SG	15.9592%	(28,418)	(178,068)	SG	15.9592%	(28,418)
4	Accumulated DIT Balance	Footnote 1	160,407			25,600			871,206			139,038	906,123			144,610	906,123			144,610	906,123			133,034	833,587			133,034	833,587			133,034	833,587			133,034	833,587			
5	Net Rate Base	sum of lines 1-3				25,600						139,038				144,610				144,610			133,034																	
6	Pre-Tax Rate of Return	line 34	14,438			9,001%	2,304		78,414			12,514	81,556			13,016	81,556			13,016			11,974																	
7	Pre-Tax Return on Rate Base	line 4 * line 5				2,304																																		
8	Wholesale Wheeling Revenue	Footnote 4	-	SG	15.9592%	-			-	SG	15.9592%	-	12,779	SG	15.9592%	2,039	12,779	SG	15.9592%	2,039			-																	
9	Operation & Maintenance	Footnote 3	3,876	SG	15.9592%	619			12,137	SG	15.9592%	1,937	36,799	SG	15.9592%	5,873	36,799	SG	15.9592%	5,873			2,039																	
10	Depreciation	Footnote 3 & 6	8,260	SG	15.9592%	1,318			32,635	SG	15.9592%	5,208	6,182	GPS	14.6657%	1,200	32,635	SG	15.9592%	5,873			5,873																	
11	Property Taxes	Footnote 3	-	GPS	14.6657%	-			7,369	GPS	14.6657%	1,084	8,182	GPS	14.6657%	1,200	7,369	GPS	14.6657%	1,200			1,200																	
12	Wind Tax	Footnote 3	98	SG	15.9592%	16			338	SG	15.9592%	54	419	SG	15.9592%	67	338	SG	15.9592%	54			67																	
13	Total Plant Revenue Requirement	sum of lines 6-11	26,671			4,256			130,912			20,797	139,735			22,195	139,735			22,195			20,675																	
14	Net Power Cost		952	SG	15.9592%	152			(10,446)	SG	15.9592%	(1,667)	(13,062)	SG	15.9592%	(2,085)	(13,062)	SG	15.9592%	(2,085)			(2,085)																	
15	NPIC Incremental Savings	Footnote 3																																						
16	PTC Benefit																																							
17	PTC Benefit in Base Rates	Footnote 3	(19,400)	SG	15.9592%	(3,096)			(76,031)	SG	15.9592%	(12,134)	(90,435)	SG	15.9592%	(14,433)	(90,435)	SG	15.9592%	(14,433)			(14,433)																	
18	Net PTC	Footnote 3							(76,031)	SG	15.9592%	(12,134)	(90,435)	SG	15.9592%	(14,433)	(90,435)	SG	15.9592%	(14,433)			(14,433)																	
19	Gross-up for taxes	line 16 * (line 32 - 1)	(19,400)			(3,096)			(76,031)			(12,134)	(90,435)			(14,433)	(90,435)			(14,433)			(14,433)																	
20	PTC Revenue Requirement	sum of lines 16 and 17	(25,725)			(4,106)			(100,819)			(3,956)	(29,485)			(4,705)	(29,485)			(4,705)			(4,705)																	
21	Rev. Requirement	sum of lines 12, 13, 18	1,898			303			19,647			3,040	6,754			972	6,754			972			972																	
22	Adjustment for ECAM Pass-through																																							
23	NPIC Incremental Savings	line 13																																						
24	Percentage included in ECAM (70%)	WY ECAM Sharing %																																						
25	ECAM Pass-through	line 20 * line 21																																						
26	Rev. Req. after ECAM Pass-through	line 19 - line 22																																						
27	Total Deferral - WY Share	Footnote 5																																						
28	Net Customer Benefit	line 22 + line 24																																						
29	Deferral Balance - WY Share																																							
30	Beginning Deferral Balance	line 30 of previous year																																						
31	Monthly Deferral	Footnote 5																																						
32	Deferral Collection	Footnote 5																																						
33	Carrying Charge	Footnote 3																																						
34	Ending Deferral Balance	sum of lines 26-29																																						
35	Federal/State Combined Tax Rate	JRS-4SD, line 5	24.587%																																					
36	Net to Gross Bump up Factor = (1/(1-tax rate))	JRS-4SD, line 6	1.3260																																					
37	Deferred Balance Carrying Charge	Footnote 2																																						
38	Pretax Return	JRS-4SD, line 4																																						
39	Property Tax Rate	JRS-4SD, line 14																																						
40	Wyoming SG Factor	JRS-4SD, line 15	15.9592%																																					
41	Wyoming GPS Factor	JRS-4SD, line 16	14.6657%																																					

Footnote 1: Capital balances equal the average of the monthly balances in JRS-3SD with a one month delay  
 Footnote 2: Carrying Charge (line 29) is applied to average monthly deferral balances  
 Footnote 3: Equals the sum of each year's monthly values in JRS-3SD  
 Footnote 4: Not Applicable for Repowering  
 Footnote 5: The Company is proposing to cap the RTM until the next general rate case so that, after taking into account the wind repowering benefits that will flow through the Company's ECAM, it will not operate to surcharge customers  
 Footnote 6: As stated in testimony, actual depreciation expense will be adjusted by the impact of the retired assets until the next depreciation study

Footnote 7: 2.02% Commission Rule Chpt. 3, Sect. 7  
 Footnote 8: 9.001% 20000-469-ER-15 Capital Structure & Cost - Ordered  
 Footnote 9: 0.77% Property Tax Expense as a percent of Net plant from 20000-469-ER-15