

Rocky Mountain Power
Exhibit RMP__(JKL-2)
Docket No. 20000-__-EA-17
Witness: Jeffrey K. Larsen

BEFORE THE WYOMING PUBLIC SERVICE
COMMISSION

ROCKY MOUNTAIN POWER

Exhibit Accompanying Direct Testimony of Jeffrey K. Larsen
Example Annual RTM Deferral Calculation – Revenue Requirement

June 2017

Table 1

Combined Projects Estimated Revenue Requirement Cost (Benefit)		\$thousands			
		2020	2021	2022	2023
1	Total Company Revenue Requirement	(16,278)	82,729	85,326	66,175
2	Wyoming Allocated	(2,598)	12,998	13,416	10,366
3	Wyoming ECAM	(1,909)	(6,786)	(4,579)	(4,640)
4	RTM Deferral	(689)	19,784	17,995	15,006
5	Net Customer Impact	(2,598)	12,998	13,416	10,366

PacifiCorp Wyoming Combined Projects - Example Annual RTM Deferral Calculation Revenue Requirement

Line No.	Reference	(a) 2020 Energy Gateway		(b) 2020 Energy Gateway		(c) 2020 Energy Gateway		(d) 2020 Energy Gateway		(e) 2021 Energy Gateway		(f) 2021 Energy Gateway		(g) 2021 Energy Gateway		(h) 2021 Energy Gateway		(i) 2022 Energy Gateway		(j) 2022 Energy Gateway		(k) 2022 Energy Gateway		(l) 2022 Energy Gateway		(m) 2023 Energy Gateway		(n) 2023 Energy Gateway		(o) 2023 Energy Gateway		(p) 2023 Energy Gateway		
		Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	Total Company	Factor	Factor %	Wyoming Allocated	
1	Footnote 1	172,071	SG	15.9592%	27,461	2,068,792	SG	15.9592%	330,163	2,068,792	SG	15.9592%	330,163	2,068,917	SG	15.9592%	333,055	2,086,917	SG	15.9592%	333,055	2,086,917	SG	15.9592%	333,055	2,086,917	SG	15.9592%	333,055	2,086,917	SG	15.9592%	333,055	
2	Footnote 1	(404)	SG	15.9592%	(64)	(36,392)	SG	15.9592%	(6,808)	(36,392)	SG	15.9592%	(6,808)	(195,042)	SG	15.9592%	(19,168)	(153,932)	SG	15.9592%	(15,168)	(153,932)	SG	15.9592%	(15,168)	(153,932)	SG	15.9592%	(15,168)	(153,932)	SG	15.9592%	(15,168)	
3	Footnote 1	(2,532)	SG	15.9592%	(404)	(197,503)	SG	15.9592%	(31,520)	(197,503)	SG	15.9592%	(31,520)	(333,225)	SG	15.9592%	(65,180)	(412,834)	SG	15.9592%	(65,885)	(412,834)	SG	15.9592%	(65,885)	(412,834)	SG	15.9592%	(65,885)	(412,834)	SG	15.9592%	(65,885)	
4	sum of lines 1-3	169,134			26,993	1,834,896			292,835	1,834,896			292,835	1,658,651			264,707	1,520,151			264,707	1,520,151			264,707	1,520,151			264,707	1,520,151			264,707	
5	line 34	10,397%			10,397%	10,397%			10,397%	10,397%			10,397%	10,397%			10,397%	10,397%			10,397%	10,397%			10,397%	10,397%			10,397%	10,397%			10,397%	
6	Pre-Tax Return on Rate Base	17,584			2,806	190,767			30,445	190,767			30,445	172,444			27,521	158,044			27,521	158,044			27,521	158,044			27,521	158,044			27,521	
7	Footnote 4	(972)	SG	15.9592%	(155)	(10,615)	SG	15.9592%	(1,694)	(10,615)	SG	15.9592%	(1,694)	(10,280)	SG	15.9592%	(1,641)	(9,939)			(1,641)	(9,939)			(1,641)	(9,939)			(1,641)	(9,939)			(1,641)	
8	Operation & Maintenance	3,196	SG	15.9592%	510	20,189	SG	15.9592%	3,222	20,189	SG	15.9592%	3,222	20,757	SG	15.9592%	3,313	20,995			3,313	20,995			3,313	20,995			3,313	20,995			3,313	
9	Footnote 3	9,689	SG	15.9592%	1,548	58,351	SG	15.9592%	9,312	58,351	SG	15.9592%	9,312	58,890	SG	15.9592%	9,388	58,890			9,388	58,890			9,388	58,890			9,388	58,890			9,388	
10	Property Taxes	-	GPS	14.6657%	-	15,839	GPS	14.6657%	2,323	15,839	GPS	14.6657%	2,323	15,559	GPS	14.6657%	2,282	15,105			2,282	15,105			2,282	15,105			2,282	15,105			2,282	
11	Wind Tax	-	SG	15.9592%	-	-	SG	15.9592%	-	-	SG	15.9592%	-	-	SG	15.9592%	-	-			-	-			-	-			-	-			-	
12	sum of lines 6-11	29,508			4,709	274,530			43,608	274,530			43,608	257,371			40,873	243,809			40,873	243,809			40,873	243,809			40,873	243,809			40,873	
13	Net Power Cost	(17,090)	SG	15.9592%	(2,727)	(60,746)	SG	15.9592%	(9,695)	(60,746)	SG	15.9592%	(9,695)	(40,989)	SG	15.9592%	(6,542)	(41,537)			(6,542)	(41,537)			(6,542)	(41,537)			(6,542)	(41,537)			(6,542)	
14	PTC Benefit	(17,806)	SG	15.9592%	(2,842)	(81,319)	SG	15.9592%	(12,978)	(81,319)	SG	15.9592%	(12,978)	(81,319)	SG	15.9592%	(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	
15	PTC Benefit in Base Rates	(17,806)	SG	15.9592%	(2,842)	(81,319)	SG	15.9592%	(12,978)	(81,319)	SG	15.9592%	(12,978)	(81,319)	SG	15.9592%	(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	
16	Net PTC	(17,806)			(2,842)	(81,319)			(12,978)	(81,319)			(12,978)	(81,319)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	(84,446)			(12,978)	
17	Gross-up for taxes	(10,890)			(1,738)	(49,737)			(7,938)	(49,737)			(7,938)	(49,737)			(7,938)	(51,650)			(7,938)	(51,650)			(7,938)	(51,650)			(7,938)	(51,650)			(7,938)	
18	PTC Revenue Requirement	(28,696)			(4,580)	(131,055)			(20,915)	(131,055)			(20,915)	(131,055)			(20,915)	(136,096)			(20,915)	(136,096)			(20,915)	(136,096)			(20,915)	(136,096)			(20,915)	
19	Rev. Requirement	(16,278)			(2,598)	82,729			12,988	82,729			12,988	85,326			13,416	66,175			13,416	66,175			13,416	66,175			13,416	66,175			13,416	
20	Adjustment for ECAM Pass-through																																	
21	NPC Incremental Savings																																	
22	Percentage included in ECAM (70%)																																	
23	ECAM Pass-through																																	
24	Rev. Reqt. after ECAM Pass-through																																	
25	Total Deferral - WY Share																																	
26	Net Customer Benefit																																	
27	Deferral Balance - WY Share																																	
28	Beginning Deferral Balance																																	
29	Monthly Deferral																																	
30	Deferral Collection																																	
31	Carrying Charge																																	
32	Ending Deferral Balance																																	
33	Federal/State Combined Tax Rate	37.951%																																
34	Net to Gross Bump up Factor = (1/(1-tax rate))	1.6116																																
35	Deferred Balance Carrying Charge	2.02%																																
36	Pre-tax Return	10.397%																																
37	Property Tax Rate	0.77%																																
38	Wyoming SG Factor	15.9592%																																
39	Wyoming GPS Factor	14.6657%																																

Footnote 1: Capital balances equal the average of the monthly balances in JKL-3 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 JKL-3
 Footnote 4: Includes Wholesale Revenue offset for transmission asset credit already in base rates