

Rocky Mountain Power
Exhibit RMP__(JRS-3SD)
Docket No. 17-035-40
Witness: Joelle R. Steward

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Exhibit Accompanying Supplemental Direct and Rebuttal Testimony
of Joelle R. Steward

Example Monthly RTM Deferral Calculation – Revenue Requirement

January 2018

PacifiCorp
 Utah

Combined Projects - Example Monthly RTM Deferral Calculation
 Revenue Requirement

Line No.	Reference	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December
1	Capital Investment	-	-	-	-	-	-	-	-	-	282,944	1,748,047	2,068,833
2	Depreciation Reserve	-	-	-	-	-	-	-	-	-	(804)	(4,893)	(9,853)
3	Accumulated DIT Balance	-	-	-	-	-	-	-	-	-	-	(5,761)	(67,591)
4	Net Rate Base	-	-	-	-	-	-	-	-	-	282,140	1,737,392	1,991,389
5	Pre-Tax Rate of Return	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%
6	Pre-Tax Return on Rate Base	-	-	-	-	-	-	-	-	-	-	2,165	13,334
7	Wholesale Wheeling Revenue	-	-	-	-	-	-	-	-	-	-	(143)	(808)
8	Operation & Maintenance	-	-	-	-	-	-	-	-	-	-	2,002	2,002
9	Depreciation	-	-	-	-	-	-	-	-	-	804	4,089	4,960
10	Property Taxes	-	-	-	-	-	-	-	-	-	-	-	-
11	Wind Tax	-	-	-	-	-	-	-	-	-	-	-	-
12	Total Plant Revenue Requirement	-	-	-	-	-	-	-	-	-	804	8,113	19,488
13	Net Power Cost	-	-	-	-	-	-	-	-	-	-	(6,126)	(6,126)
14	PTC Benefit	-	-	-	-	-	-	-	-	-	-	(7,681)	(7,681)
15	PTC Benefit in Base Rates	-	-	-	-	-	-	-	-	-	-	(7,681)	(7,681)
16	Net PTC	-	-	-	-	-	-	-	-	-	-	(2,504)	(2,504)
17	Gross-up for taxes	-	-	-	-	-	-	-	-	-	-	(10,186)	(10,186)
18	PTC Revenue Requirement	-	-	-	-	-	-	-	-	-	-	(10,186)	(10,186)
19	Rev. Requirement	-	-	-	-	-	-	-	-	-	804	(8,198)	3,176
20	Adjustment for EBA Pass-through	-	-	-	-	-	-	-	-	-	-	(143)	(808)
21	Wholesale Wheeling Revenue	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
22	Percentage included in EBA (100%)	-	-	-	-	-	-	-	-	-	-	(143)	(808)
23	EBA Pass-through	-	-	-	-	-	-	-	-	-	-	(6,126)	(6,126)
24	NPC Incremental Savings	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
25	Percentage included in EBA (100%)	-	-	-	-	-	-	-	-	-	-	(6,126)	(6,126)
26	Rev. Req't after EBA Pass-through	-	-	-	-	-	-	-	-	-	804	(1,929)	10,110
27	Utah Allocated	(Ln 26 - ln 10) * ln 39 + ln 10 * ln 40 (line 22 + line 25) * line 36 + line 24											
28	Net Customer Benefit	line 33 of previous month line 24 Footnote 3 Footnote 5 * (ln 30 + ln 31) * ln 36 sum of lines 29-32											
29	Beginning Deferral Balance	JRS-4SD, line 5 JRS-4SD, line 6											
30	Monthly Deferral	Net to Gross Bump-up Factor = (1/(1-tax rate)) see JRS-3S Page 2 line 36											
31	Deferral Collection	JRS-4SD, line 3 JRS-4SD, line 4											
32	Carrying Charge	JRS-4SD, line 14											
33	Ending Deferral Balance	JRS-4SD, line 5 JRS-4SD, line 6											
34	Federal/State Combined Tax Rate	Net to Gross Bump-up Factor = (1/(1-tax rate)) see JRS-3S Page 2 line 36											
35	Net to Gross Bump-up Factor = (1/(1-tax rate))	JRS-4SD, line 3 JRS-4SD, line 4											
36	Deferred Balance Carrying Charge	JRS-4SD, line 14											
37	Pre-tax Return	JRS-4SD, line 15 JRS-4SD, line 16											
38	Property Tax Rate	JRS-4SD, line 15 JRS-4SD, line 16											
39	Utah SG Factor	JRS-4SD, line 15 JRS-4SD, line 16											
40	Utah GPS Factor	JRS-4SD, line 15 JRS-4SD, line 16											

Footnotes:
 1) Pre-tax Return, line 6, is calculated as the rate of return (line 5) multiplied by the ending net rate base of the prior month (line 4) divided by 12
 2) Includes Wholesale Wheeling Revenue offset for transmission asset credit already in base rates
 3) For illustrative purposes, collection of December's balance is assumed to be collected beginning the following May 1

PacifiCorp
Utah
 Combined Projects - Example Monthly RTM Deferral Calculation
 Revenue Requirement

Line No.	Reference	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	
		January	February	March	April	May	June	July	August	September	October	November	December	2021	2021	
1	Capital Investment	2,068,833	2,068,833	2,068,833	2,068,833	2,073,043	2,073,043	2,073,269	2,073,269	2,073,269	2,073,269	2,073,269	2,073,269	2,073,269	2,073,269	2,073,269
2	Depreciation Reserve	(14,813)	(19,773)	(24,732)	(29,692)	(34,658)	(39,625)	(44,592)	(49,559)	(54,526)	(59,492)	(64,460)	(69,427)	(64,460)	(69,427)	(69,427)
3	Accumulated DIT Balance	(67,591)	(67,591)	(92,715)	(92,715)	(92,715)	(117,839)	(117,839)	(117,839)	(142,962)	(142,962)	(142,962)	(142,962)	(142,962)	(142,962)	(168,086)
4	Net Rate Base	1,986,429	1,981,469	1,951,386	1,946,426	1,945,670	1,915,580	1,910,839	1,905,872	1,875,781	1,870,814	1,865,841	1,855,850	1,865,841	1,855,850	1,835,850
5	Pre-Tax Rate of Return	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%
6	Pre-Tax Return on Rate Base	15,283	15,245	15,207	14,976	14,938	14,932	14,701	14,665	14,627	14,396	14,358	14,320	14,358	14,320	14,320
7	Wholesale Wheeling Revenue	(914)	(913)	(912)	(908)	(908)	(910)	(906)	(905)	(905)	(900)	(899)	(898)	(900)	(898)	(898)
8	Operation & Maintenance	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933
9	Depreciation	4,960	4,960	4,960	4,960	4,966	4,966	4,967	4,967	4,967	4,967	4,967	4,967	4,967	4,967	4,967
10	Property Taxes	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319	1,319
11	Wind Tax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Total Plant Revenue Requirement	22,560	22,543	22,506	22,280	22,248	22,240	22,014	21,978	21,941	21,715	21,678	21,642	21,678	21,642	21,642
13	Net Power Cost	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)
14	PTC Benefit	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)
15	PTC Benefit in Base Rates	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)
16	Net PTC	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)
17	Gross-up for taxes	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)
18	PTC Revenue Requirement	6,436	6,399	6,362	6,135	6,104	6,095	5,869	5,834	5,797	5,570	5,534	5,497	5,570	5,534	5,497
19	Rev. Requirement	13,767	13,729	13,691	13,460	13,428	13,423	13,192	13,156	13,118	12,887	12,849	12,812	12,887	12,849	12,812
20	Adjustment for EBA Pass-through	(914)	(913)	(912)	(908)	(908)	(910)	(906)	(905)	(905)	(904)	(899)	(898)	(900)	(898)	(898)
21	Wholesale Wheeling Revenue	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
22	EBA Pass-through	(914)	(913)	(912)	(908)	(908)	(910)	(906)	(905)	(905)	(904)	(899)	(898)	(900)	(898)	(898)
23	NPC Incremental Savings	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)
24	Percentage included in EBA (100%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
25	EBA Pass-through	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)	(6,417)
26	Rev. Req't after EBA Pass-through	13,767	13,729	13,691	13,460	13,428	13,423	13,192	13,156	13,118	12,887	12,849	12,812	12,887	12,849	12,812
27	Utah Allocated															
27	Total Deferral - UT Share															
28	Net Customer Benefit	5,866	5,850	5,834	5,736	5,722	5,720	5,622	5,606	5,590	5,491	5,475	5,459	5,491	5,475	5,459
29	Deferral Balance - UT Share	3,836	9,726	15,621	21,520	27,340	32,848	38,372	43,817	49,265	54,717	60,089	65,463	54,717	60,089	65,463
30	Monthly Deferral Balance	5,866	5,850	5,834	5,736	5,722	5,720	5,622	5,606	5,590	5,491	5,475	5,459	5,491	5,475	5,459
31	Deferral Collection	-	-	-	-	-	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)
32	Carrying Charge	24	44	65	85	105	124	143	162	181	200	219	238	200	219	238
33	Ending Deferral Balance	9,726	15,621	21,520	27,340	32,848	38,372	43,817	49,265	54,717	60,089	65,463	70,840	60,089	65,463	70,840
34	Federal/State Combined Tax Rate	JRS-4SD, line 5														
35	Net to Gross Bump-up Factor = (1/(1-tax rate))	JRS-4SD, line 6														
36	Deferred Balance Carrying Charge	see JRS-3S Page 2 line 36														
37	Pre-tax Return	JRS-4SD, line 37														
38	Property Tax Rate	JRS-4SD, line 14														
39	Utah SG Factor	JRS-4SD, line 15														
40	Utah GPS Factor	JRS-4SD, line 16														

Footnotes:
 1) Pre-tax Return, line 6, is calculated as the rate of return (line 5) multiplied by the ending net rate base of the prior month (line 4) divided by 12
 2) Includes Wholesale Wheeling Revenue offset for transmission asset credit already in base rates
 3) For illustrative purposes, collection of December's balance is assumed to be collected beginning the following May 1

PacifiCorp
Utah
 Combined Projects - Example Monthly RTM Deferral Calculation
 Revenue Requirement

Line No.	Reference	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
		January	February	March	April	May	June	July	August	September	October	November	December		
1	Plant Revenue Requirement	2,073,363	2,073,363	2,073,363	2,073,363	2,073,363	2,073,363	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595
2	Capital Investment	(74,394)	(79,361)	(84,329)	(89,296)	(94,263)	(99,230)	(104,198)	(109,166)	(114,134)	(119,102)	(124,070)	(129,038)	(129,038)	(129,038)
3	Accumulated DIT Balance	(168,086)	(168,086)	(168,086)	(183,039)	(183,039)	(197,991)	(197,991)	(212,944)	(212,944)	(212,944)	(212,944)	(212,944)	(212,944)	(212,944)
4	Net Rate Base	1,830,883	1,825,915	1,805,956	1,801,028	1,796,061	1,776,141	1,771,405	1,766,438	1,746,517	1,741,549	1,736,581	1,736,581	1,736,581	1,736,581
5	Pre-Tax Rate of Return	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%	9.209%
6	Pre-Tax Return on Rate Base	14,069	14,051	14,013	13,860	13,822	13,784	13,631	13,595	13,557	13,404	13,366	13,327	13,327	13,327
7	Wholesale Wheeling Revenue	(883)	(892)	(891)	(886)	(886)	(885)	(881)	(880)	(879)	(875)	(874)	(873)	(873)	(873)
8	Operation & Maintenance	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946	1,946
9	Depreciation	4,967	4,967	4,967	4,967	4,967	4,967	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968
10	Property Taxes	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284
11	Wind Tax	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Total Plant Revenue Requirement	21,393	21,356	21,319	21,170	21,133	21,096	20,948	20,912	20,875	20,726	20,689	20,652	20,652	20,652
13	Net Power Cost	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)
14	PTC Benefit	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)
15	PTC Benefit in Base Rates	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)	(7,336)
16	Net PTC	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)	(2,392)
17	Gross-up for taxes	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)	(9,728)
18	PTC Revenue Requirement	5,213	5,176	5,139	4,990	4,953	4,916	4,767	4,732	4,695	4,546	4,509	4,472	4,472	4,472
19	Rev. Requirement	(883)	(892)	(891)	(887)	(886)	(885)	(881)	(880)	(879)	(875)	(874)	(873)	(873)	(873)
20	Wholesale Wheeling Revenue	(883)	(892)	(891)	(887)	(886)	(885)	(881)	(880)	(879)	(875)	(874)	(873)	(873)	(873)
21	Percentage included in EBA (100%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
22	EBA Pass-through	(883)	(892)	(891)	(887)	(886)	(885)	(881)	(880)	(879)	(875)	(874)	(873)	(873)	(873)
23	NPC Incremental Savings	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)
24	Percentage included in EBA (100%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
25	EBA Pass-through	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)	(6,453)
26	Rev. Req't after EBA Pass-through	12,558	12,520	12,482	12,329	12,291	12,253	12,101	12,065	12,026	11,874	11,835	11,797	11,797	11,797
27	Utah Allocated	(L)n 26 - in 10) * in 39 + in 10 * in 40													
28	Total Deferral - UT Share	(line 22 + line 25) * line 36 + line 24													
29	Net Customer Benefit	5,351	5,335	5,319	5,254	5,237	5,221	5,156	5,141	5,125	5,059	5,043	5,027	5,027	5,027
30	Deferral Balance - UT Share	70,840	76,128	81,418	86,710	91,956	91,610	91,246	90,817	90,370	89,905	89,374	88,824	88,824	88,824
31	Monthly Deferral Balance	5,351	5,335	5,319	5,254	5,237	5,221	5,156	5,141	5,125	5,059	5,043	5,027	5,027	5,027
32	Deferral Collection	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)	(320)
33	Carrying Charge	256	275	293	311	320	319	317	316	314	312	311	309	309	309
34	Ending Deferral Balance	76,128	81,418	86,710	91,956	91,610	91,246	90,817	90,370	89,905	89,374	88,824	88,257	88,257	88,257
35	Federal/State Combined Tax Rate	JRS-4SD, line 5													
36	Net to Gross Bump-up Factor = (1/(1-tax rate))	JRS-4SD, line 6													
37	Deferral Balance Carrying Charge	see JRS-3S Page 2 line 36													
38	Pre-tax Return	JRS-4SD, line 37													
39	Property Tax Rate	JRS-4SD, line 14													
40	Utah SG Factor	JRS-4SD, line 15													
41	Utah GPS Factor	JRS-4SD, line 16													

Footnotes:
 1) Pre-tax Return, line 6, is calculated as the rate of return (line 5) multiplied by the ending net rate base of the prior month (line 4) divided by 12
 2) Includes Wholesale Wheeling Revenue offset for transmission asset credit already in base rates
 3) For illustrative purposes, collection of December's balance is assumed to be collected beginning the following May 1

PacifiCorp
Utah
 Combined Projects - Example Monthly RTM Deferral Calculation
 Revenue Requirement

Line No.	Reference	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023
		January	February	March	April	May	June	July	August	September	October	November	December		
1	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595	2,073,595
2	Capital Investment	(134,006)	(138,973)	(143,941)	(148,909)	(153,877)	(158,845)	(163,813)	(168,781)	(173,749)	(178,717)	(183,685)	(188,653)	(193,621)	(198,589)
3	Depreciation Reserve	(227,896)	(227,896)	(236,663)	(236,663)	(245,429)	(245,429)	(254,195)	(254,195)	(262,962)	(262,962)	(271,728)	(271,728)	(280,494)	(280,494)
4	Accumulated DIT Balance	1,711,693	1,706,725	1,692,297	1,678,023	1,663,055	1,648,321	1,633,067	1,618,084	1,603,335	1,588,853	1,574,595	1,560,622	1,546,995	1,533,777
5	Net Rate Base	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%	9,209%
6	Pre-Tax Rate of Return	13,175	13,136	13,098	12,998	12,963	12,917	12,811	12,809	12,771	12,666	12,627	12,588	12,549	12,510
7	Pre-Tax Return on Rate Base	(868)	(867)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)
8	Wholesale Wheeling Revenue	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924
9	Operation & Maintenance	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968	4,968
10	Depreciation	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246
11	Property Taxes	51	51	51	51	51	51	51	51	51	51	51	51	51	51
12	Wind Tax	20,456	20,459	20,422	20,320	20,283	20,246	20,158	20,157	20,120	20,018	19,981	19,944	19,907	19,870
13	Net Plant Revenue Requirement	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)
14	Net Power Cost	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)
15	NPC incremental Savings	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)
16	PTC Benefit	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)
17	PTC Benefit in Base Rates	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)	(7,618)
18	Net PTC	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)	(2,484)
19	Gross-up for taxes	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)	(10,102)
20	PTC Revenue Requirement	3,775	3,738	3,701	3,599	3,562	3,525	3,437	3,437	3,399	3,297	3,260	3,223	3,186	3,149
21	Rev. Requirement	(868)	(867)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)
22	Adjustment for EBA Pass-through	(868)	(867)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)	(866)
23	Wholesale Wheeling Revenue	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
24	Percentage included in EBA (100%)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)
25	EBA Pass-through	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)	(6,619)
26	Rev. Req't after EBA Pass-through	11,262	11,224	11,185	11,080	11,042	11,004	10,913	10,911	10,873	10,767	10,729	10,691	10,653	10,615
27	Utah Allocated	4,799	4,762	4,766	4,721	4,705	4,689	4,650	4,649	4,633	4,588	4,572	4,555	4,539	4,523
28	Total Deferral - UT Share	1,607	1,591	1,576	1,532	1,516	1,501	1,463	1,463	1,447	1,404	1,388	1,372	1,356	1,340
29	Net Customer Benefit	88,257	87,458	86,641	85,804	84,920	82,562	80,180	77,750	75,311	72,848	70,331	67,788	65,221	62,634
30	Deferral Balance - UT Share	4,799	4,762	4,766	4,721	4,705	4,689	4,650	4,649	4,633	4,588	4,572	4,555	4,539	4,523
31	Monthly Deferral Balance	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)	(5,903)
32	Deferral Collection	306	303	301	298	292	284	273	267	258	241	233	225	217	210
33	Carrying Charge	87,458	86,641	85,804	84,920	82,562	80,180	77,750	75,311	72,848	70,331	67,788	65,221	62,634	60,047
34	Ending Deferral Balance	87,458	86,641	85,804	84,920	82,562	80,180	77,750	75,311	72,848	70,331	67,788	65,221	62,634	60,047
35	Federal/State Combined Tax Rate	JRS-4SD, line 5	JRS-4SD, line 6	JRS-4SD, line 7	JRS-4SD, line 8	JRS-4SD, line 9	JRS-4SD, line 10	JRS-4SD, line 11	JRS-4SD, line 12	JRS-4SD, line 13	JRS-4SD, line 14	JRS-4SD, line 15	JRS-4SD, line 16	JRS-4SD, line 17	JRS-4SD, line 18
36	Net to Cross Bump-up Factor = (1/(1-tax rate))	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36	see JRS-3S Page 2 line 36
37	Deferred Balance Carrying Charge	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37	JRS-4SD, line 37
38	Pre-tax Return	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14	JRS-4SD, line 14
39	Property Tax Rate	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15	JRS-4SD, line 15
40	Utah SG Factor	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16
41	Utah GPS Factor	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16	JRS-4SD, line 16

Footnotes:
 1) Pre-tax Return, line 6, is calculated as the rate of return (line 5) multiplied by the ending net rate base of the prior month (line 4) divided by 12
 2) Includes Wholesale Wheeling Revenue offset for transmission asset credit already in base rates
 3) For illustrative purposes, collection of December's balance is assumed to be collected beginning the following May 1

PacifiCorp
Utah
Combined Projects - Example Monthly RTM Deferral Calculation
Revenue Requirement

Total Plant Revenue Requirement (Lines 1 - 12, 37):

Exhibit JRS-3SD shows the calculation of the RTM revenue requirement deferral described in my testimony. The calculation starts with total Company amounts on lines 1 - 26 to calculate the Utah specific amounts on lines 27 - 33. To calculate the return on rate base associated with the combined investment, net rate base is calculated on a monthly basis. The net rate base balance on line 4 includes the combined investment in wind and transmission resources, along with the associated impacts on the depreciation reserve and accumulated DIT Balance. The monthly beginning net rate base (the final amount from the prior month) is then multiplied by the pre-tax Weighted Average Cost of Capital ("WACC") from the last Utah general rate case, updated for the new tax law, on line 5 to determine the Company's pre-tax return on rate base on line 6. The example uses the pre-tax WACC from Docket No. 13-035-15. The total plant revenue requirement is calculated by taking the return on rate base shown on line 6 and adding wholesale wheeling revenue, O&M expense, depreciation expense, property taxes and wind tax on lines 7 - 11 to determine the total plant revenue requirement on line 12. Wholesale wheeling revenue on line 7 reflects the 3rd party wheeling revenue associated with the new transmission investment and is multiplied by one hundred percent on line 21 to determine the amount of wheeling revenue that will be returned to customers through the sharing band of the EBA.

Net Power Costs (Line 13):

The total company incremental NPC savings associated with new wind resources is shown on line 13. The incremental NPC savings associated with the new wind projects are multiplied by one hundred percent on line 24 to determine the amount of the NPC savings that will be returned to customers through the sharing band of the EBA.

PTC Benefits (Lines 14-18, 34, 35):

Lines 14-18 show the calculation of the PTC benefits associated with the new wind resources. The actual PTC sales are grossed-up for taxes using the net-to-gross bump-up factor from the Company's last general rate case (shown on line 35 - updated for the new tax law) to derive the PTC revenue requirement on line 18. The tax gross-up is necessary for customers to get the full revenue requirement benefit of the PTCs and is calculated using the federal and state combined tax rate shown on line 34, which was also included in the last general rate case.

Deferral Balance (Lines 19 - 30):

The Utah share of the net deferral begins by calculating the total combined project revenue requirement on line 19, which is the sum of Total Plant Revenue Requirement on line 12, NPC Incremental Savings on line 13, and PTC Revenue Requirement on line 18. The Wholesale Wheeling Revenue pass-through on line 22 and the NPC EBA pass-through on line 25 are subtracted to provide the Revenue Requirement after EBA Pass-through on line 26. The Net Customer Benefit (line 28) is the sum of the EBA Pass-throughs (line 22 and line 25) and the Total Deferral - Utah Share (line 27). The carrying charge, shown on line 32 is calculated using the Commission-authorized rate on line 36 from the Carrying Charge Order approved in Docket Nos. 17-035-T02 and 15-035-69. As described earlier, each month the total-Company RTM revenue requirement will be calculated as illustrated on Exhibit JRS-3SD to align with the resources included in the EBA. Once per year on a calendar-year basis, the Company will sum the monthly RTM revenue requirement entries to prepare the annual RTM application for filing with the Commission on March 15, with an interim rate effective date that corresponds with the EBA application, May 1.