

November 1, 2019

# VIA ELECTRONIC FILING

Public Utility Commission of Oregon 201 High Street SE, Suite 100 Salem, OR 97301-3398

Attn: Filing Center

RE: UE 352—PacifiCorp's November 1, 2019 Final Cost Update

In accordance with Section 22 of the Commission-adopted Stipulation and Ordering Paragraph 5 in Order No. 19-304 issued in the above referenced docket, PacifiCorp d/b/a Pacific Power encloses the following document for filing:

- Attachment 1 November 1, 2019 update to Exhibit PAC/401 Annual RAC Repowering Revenue Requirement for the December 1, 2019 rate change for McFadden Ridge.
- <u>Attachment 2</u> Monthly billing comparison by rate class for the December 1, 2019 rate change.
- Attachment 3 November 1, 2019 update to Exhibit PAC/401 Annual RAC Repowering Revenue Requirement for the January 1, 2020 rate change for Goodnoe Hills, High Plains, and Marengo I and II.

The updated costs are lower than those reflected in the Stipulation. As such PacifiCorp will use the updated costs reflected in this filing to set rates in two compliance filings made in accordance with Order No. 19-304.

As noted above, PacifiCorp plans to make two compliance filings to set rates based on this cost update. The first compliance filing will set rates for the addition of McFadden Ridge effective December 1, 2019. McFadden Ridge will be placed into service in November 2019. The compliance filing to set rates for December 1, 2019 will be made in November 2019.

The in-service dates for Goodnoe Hills, High Plains, and Marengo I and II have been delayed beyond December 1, 2019, but are expected to be placed in service by December 31, 2019. As noted in Section 23 of the Commission-adopted Stipulation:<sup>1</sup>

If a wind facility's completion is delayed beyond December 1, 2019, consistent with the State's policy to ensure timely recovery of capital costs incurred for RPS compliance and the intent of the stipulating parties' in the 2019 TAM, the Stipulating Parties agree that PacifiCorp may seek to modify the rate effective

<sup>&</sup>lt;sup>1</sup> Adopted in Order No. 19-304.

Public Utility Commission of Oregon November 1, 2019 Page 2

date or make an additional tariff filing with an additional rate effective date to include the resource in rates once it goes into service, as authorized by ORS 469A.120(2).

As such PacifiCorp will make a second compliance filing to set rates for these resource additions<sup>2</sup> with a rate effective date of January 1, 2020. This compliance filing will be made in December 2019.

Order No. 19-304 required the November 1, 2019 filing to include the monthly billing comparisons for each rate class of the RAC rates to become effective on December 1, 2019. The monthly billing comparisons for the December 1, 2019 rate change is provided with this filing. The monthly billing comparisons for each rate class for RAC rates to become effective January 1, 2020 will be provided with the compliance filing to set rates with a rate effective date of January 1, 2020.

If you have questions about this filing, please contact Cathie Allen, Regulatory Affairs Manager, at (503) 813-5934.

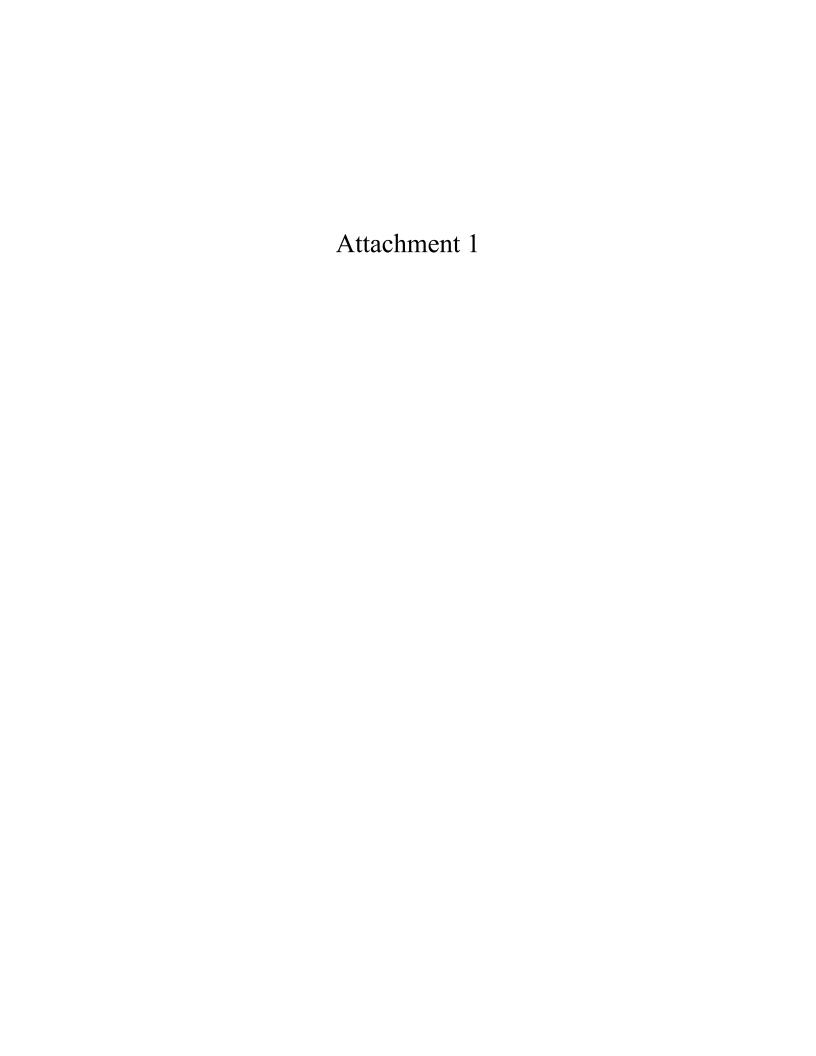
Sincerely,

Etta Lockey

Vice President, Regulation

Enclosure

<sup>&</sup>lt;sup>2</sup> Goodnoe Hills, High Plains, and Marengo I and II.



## PacifiCorp Oregon

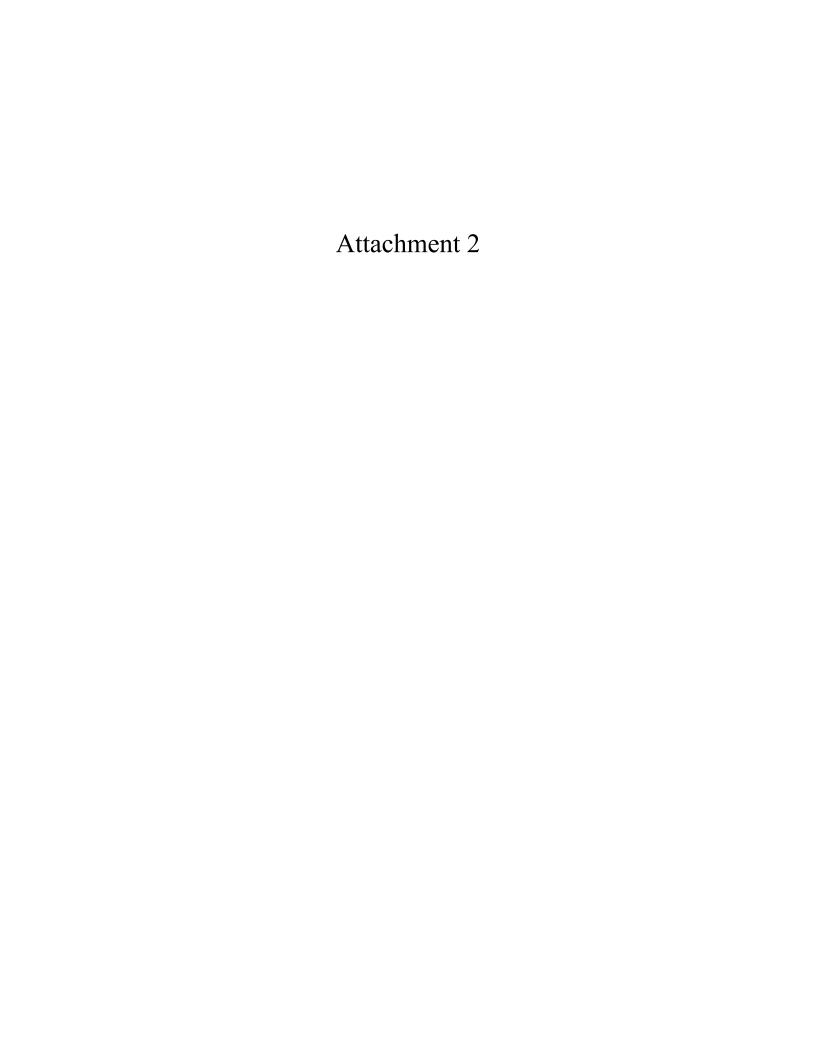
Renewable Adjustment Clause Revenue Requirement McFadden Ridge

RAC Effective Date December 1, 2019

	Oregon Allocated
26.7248%	Allocated
26.7248%	
	0.207
	0.207
26.7248%	, , , , , , , , , , , , , , , , , , ,
	` /
26.7248%	
	8,346
	9.244%
	772
26.7248%	17
26.7248%	317
27.1069%	81
26.7248%	6
26.7248%	(332)
	860
	21
	4
	1
	3
	889
5 5 5	6 26.7248% 6 26.7248% 6 26.7248% 6 26.7248% 8 27.1069% 6 26.7248% 6 26.7248%

# Footnotes:

- 1) Capital balances equal the 13-month average of the monthly balances in PAC/402.
- 2) Equals the annual cost of the first full year subsequent to the rate effective date. See PAC/402.
- 3) Equals the 12 consecutive months beginning with the rate effective date. See PAC/402.
- 4) As stated in testimony, actual depreciation expense
  - will be adjusted by the impact of the retired assets until the next depreciation study.
- 5) Depreciation expense for the replaced equipement currently in rates is removed as an incremental revenue requirement savings.
  - Reference OPUC 22, excluding Dunlap and Glenrock 3.



Pacific Power

Monthly Billing Comparison

Delivery Service Schedule 4 + Cost-Based Supply Service

Residential Service

	Monthl	y Billing*		Percent
kWh	Present Price	Proposed Price	Difference	Difference
100	\$20.28	\$20.29	\$0.01	0.05%
200	\$30.08	\$30.09	\$0.01	0.03%
300	\$39.87	\$39.89	\$0.02	0.05%
400	\$49.67	\$49.69	\$0.02	0.04%
500	\$59.47	\$59.52	\$0.05	0.08%
600	\$69.28	\$69.33	\$0.05	0.07%
700	\$79.08	\$79.13	\$0.05	0.06%
800	\$88.87	\$88.93	\$0.06	0.07%
900	\$98.67	\$98.73	\$0.06	0.06%
950	\$103.58	\$103.65	\$0.07	0.07%
1,000	\$108.47	\$108.55	\$0.08	0.07%
1,100	\$121.44	\$121.52	\$0.08	0.07%
1,200	\$134.39	\$134.47	\$0.08	0.06%
1,300	\$147.35	\$147.45	\$0.10	0.07%
1,400	\$160.31	\$160.41	\$0.10	0.06%
1,500	\$173.27	\$173.38	\$0.11	0.06%
1,600	\$186.23	\$186.35	\$0.12	0.06%
2,000	\$238.06	\$238.21	\$0.15	0.06%
3,000	\$367.65	\$367.87	\$0.22	0.06%
4,000	\$497.24	\$497.53	\$0.29	0.06%
5,000	\$626.83	\$627.19	\$0.36	0.06%

<sup>\*</sup> Net rate including Schedules 91, 98, 199, 290 and 297.

Note: Assumed average billing cycle length of 30.42 days.

Pacific Power

Monthly Billing Comparison

Delivery Service Schedule 23 + Cost-Based Supply Service
General Service - Secondary Delivery Voltage

			Monthly	Percent			
kW		Prese	ent Price	Propose	ed Price	Difference	
Load Size	kWh	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase
5	500	\$73	\$82	\$73	\$82	0.05%	0.05%
	750	\$100	\$109	\$100	\$109	0.05%	0.05%
	1,000	\$128	\$137	\$128	\$137	0.05%	0.06%
	1,500	\$183	\$192	\$183	\$192	0.06%	0.06%
10	1,000	\$128	\$137	\$128	\$137	0.05%	0.06%
	2,000	\$238	\$246	\$238	\$247	0.06%	0.06%
	3,000	\$348	\$356	\$348	\$357	0.06%	0.06%
	4,000	\$441	\$450	\$441	\$450	0.07%	0.06%
20	4,000	\$468	\$477	\$468	\$477	0.06%	0.06%
	6,000	\$654	\$663	\$655	\$663	0.07%	0.06%
	8,000	\$840	\$849	\$841	\$850	0.07%	0.07%
	10,000	\$1,027	\$1,036	\$1,028	\$1,036	0.07%	0.07%
30	9,000	\$987	\$996	\$988	\$997	0.07%	0.07%
	12,000	\$1,267	\$1,276	\$1,268	\$1,277	0.07%	0.07%
	15,000	\$1,547	\$1,555	\$1,548	\$1,556	0.07%	0.07%
	18,000	\$1,826	\$1,835	\$1,827	\$1,836	0.07%	0.07%

<sup>\*</sup> Net rate including Schedules 91, 199, 290 and 297.

Pacific Power

Monthly Billing Comparison

Delivery Service Schedule 23 + Cost-Based Supply Service
General Service - Primary Delivery Voltage

			Monthly Billing*				Percent		
kW		Prese	ent Price	Propose	ed Price	Difference			
Load Size	kWh	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase		
5	500	\$71	\$80	\$71	\$80	0.06%	0.04%		
	750	\$98	\$107	\$98	\$107	0.05%	0.06%		
	1,000	\$125	\$134	\$125	\$134	0.06%	0.05%		
	1,500	\$178	\$187	\$179	\$187	0.06%	0.06%		
10	1,000	\$125	\$134	\$125	\$134	0.06%	0.05%		
	2,000	\$232	\$241	\$232	\$241	0.06%	0.06%		
	3,000	\$339	\$348	\$339	\$348	0.06%	0.06%		
	4,000	\$430	\$439	\$430	\$439	0.07%	0.07%		
20	4,000	\$456	\$465	\$456	\$465	0.06%	0.06%		
	6,000	\$638	\$647	\$638	\$647	0.07%	0.07%		
	8,000	\$819	\$828	\$820	\$829	0.07%	0.07%		
	10,000	\$1,001	\$1,010	\$1,002	\$1,010	0.07%	0.07%		
30	9,000	\$963	\$972	\$963	\$972	0.07%	0.07%		
	12,000	\$1,235	\$1,244	\$1,236	\$1,245	0.07%	0.07%		
	15,000	\$1,508	\$1,516	\$1,509	\$1,518	0.07%	0.07%		
	18,000	\$1,780	\$1,789	\$1,781	\$1,790	0.07%	0.07%		

<sup>\*</sup> Net rate including Schedules 91, 199, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 28 + Cost-Based Supply Service
Large General Service - Secondary Delivery Voltage

kW		Monthly	Percent	
Load Size	kWh	Present Price	Proposed Price	Difference
15	3,000	\$356	\$356	0.06%
	4,500	\$472	\$472	0.07%
	7,500	\$703	\$704	0.08%
31	6,200	\$716	\$717	0.06%
	9,300	\$955	\$956	0.07%
	15,500	\$1,434	\$1,435	0.08%
40	8,000	\$919	\$919	0.06%
	12,000	\$1,227	\$1,228	0.07%
	20,000	\$1,845	\$1,846	0.08%
60	12,000	\$1,370	\$1,370	0.06%
	18,000	\$1,833	\$1,834	0.07%
	30,000	\$2,741	\$2,744	0.08%
80	16,000	\$1,814	\$1,816	0.06%
	24,000	\$2,425	\$2,427	0.07%
	40,000	\$3,632	\$3,635	0.08%
100	20,000	\$2,259	\$2,261	0.06%
	30,000	\$3,014	\$3,016	0.07%
	50,000	\$4,522	\$4,526	0.08%
200	40,000	\$4,425	\$4,428	0.07%
	60,000	\$5,934	\$5,938	0.07%
	100,000	\$8,951	\$8,958	0.08%

<sup>\*</sup> Net rate including Schedules 91, 199, 290 and 297.

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 28 + Cost-Based Supply Service
Large General Service - Primary Delivery Voltage

cent	ling* Pe	Monthly Billin		kW		
rence	Proposed Price Diff	nt Price I	kWh	Load Size		
0.07%	\$459	\$459	4,500	15		
0.08%	\$565	\$565	6,000			
0.08%	\$671	\$671	7,500			
0.07%	\$923	\$922	9,300	31		
0.08%	\$1,142	\$1,141	12,400			
0.08%	\$1,360	\$1,359	15,500			
0.07%	\$1,183	\$1,182	12,000	40		
0.08%	\$1,466	\$1,465	16,000			
0.08%	\$1,748	\$1,747	20,000			
0.07%	\$1,765	\$1,763	18,000	60		
0.08%	\$2,182	\$2,180	24,000			
0.08%	\$2,596	\$2,594	30,000			
0.07%	\$2,332	\$2,330	24,000	80		
0.08%	\$2,884	\$2,882	32,000			
0.08%	\$3,436	\$3,433	40,000			
0.07%	\$2,897	\$2,894	30,000	100		
0.08%	\$3,587	\$3,584	40,000			
0.08%	\$4,276	\$4,273	50,000			
0.08%	\$5,682	\$5,678	60,000	200		
0.08%	\$7,062		80,000			
0.09%	\$8,442	\$8,435	100,000			
	\$1,765 \$2,182 \$2,596 \$2,332 \$2,884 \$3,436 \$2,897 \$3,587 \$4,276 \$5,682 \$7,062	\$1,763 \$2,180 \$2,594 \$2,330 \$2,882 \$3,433 \$2,894 \$3,584 \$4,273 \$5,678 \$7,056	18,000 24,000 30,000 24,000 32,000 40,000 30,000 40,000 50,000 60,000 80,000	80 100		

<sup>\*</sup> Net rate including Schedules 91, 199, 290 and 297.

Pacific Power

Monthly Billing Comparison

Delivery Service Schedule 30 + Cost-Based Supply Service

Large General Service - Secondary Delivery Voltage

kW		Monthly	Billing*	Percent
Load Size	kWh	Present Price	Proposed Price	Difference
100	20,000	\$2,688	\$2,689	0.05%
	30,000	\$3,299	\$3,301	0.07%
	50,000	\$4,522	\$4,526	0.08%
200	40,000	\$4,731	\$4,734	0.06%
	60,000	\$5,954	\$5,959	0.07%
	100,000	\$8,400	\$8,407	0.09%
300	60,000	\$6,945	\$6,949	0.06%
	90,000	\$8,779	\$8,786	0.07%
	150,000	\$12,448	\$12,459	0.09%
400	80,000	\$9,040	\$9,046	0.06%
400	120,000	\$11,486	\$11,494	0.08%
	200,000	\$16,378	\$16,392	0.09%
500	100,000	\$11,166	\$11,173	0.06%
	150,000	\$14,223	\$14,234	0.08%
	250,000	\$20,338	\$20,356	0.09%
600	120,000	\$13,292	\$13,300	0.07%
	180,000	\$16,961	\$16,974	0.08%
	300,000	\$24,298	\$24,320	0.09%
800	160,000	\$17,544	\$17,555	0.07%
	240,000	\$22,436	\$22,453	0.08%
	400,000	\$32,219	\$32,248	0.09%
1000	200,000	\$21,796	\$21,810	0.07%
1000	300,000	\$27,910	\$27,932	0.08%
	500,000	\$40,140	\$40,176	0.09%

<sup>\*</sup> Net rate including Schedules 91, 199, 290 and 297.

Pacific Power

Monthly Billing Comparison

Delivery Service Schedule 30 + Cost-Based Supply Service

Large General Service - Primary Delivery Voltage

kW		Monthly	Billing*	Percent
Load Size	kWh	Present Price	Proposed Price	Difference
100	30,000	\$3,236	\$3,239	0.07%
	40,000	\$3,837	\$3,839	0.08%
	50,000	\$4,437	\$4,440	0.08%
200	60,000	\$5,844	\$5,848	0.07%
	80,000	\$7,044	\$7,050	0.08%
	100,000	\$8,245	\$8,252	0.09%
300	90,000	\$8,611	\$8,618	0.08%
	120,000	\$10,412	\$10,420	0.08%
	150,000	\$12,212	\$12,223	0.09%
400	120,000	\$11,284	\$11,293	0.08%
	160,000	\$13,684	\$13,696	0.08%
	200,000	\$16,085	\$16,100	0.09%
500	150,000	\$13,969	\$13,980	0.08%
	200,000	\$16,970	\$16,984	0.08%
	250,000	\$19,970	\$19,988	0.09%
600	180,000	\$16,654	\$16,667	0.08%
-	240,000	\$20,255	\$20,272	0.09%
	300,000	\$23,855	\$23,877	0.09%
800	240,000	\$22,024	\$22,041	0.08%
	320,000	\$26,825	\$26,848	0.09%
	400,000	\$31,626	\$31,655	0.09%
1000	300,000	\$27,393	\$27,415	0.08%
	400,000	\$33,395	\$33,424	0.09%
	500,000	\$39,396	\$39,432	0.09%

<sup>\*</sup> Net rate including Schedules 91, 199, 290 and 297.

Pacific Power
Billing Comparison
Delivery Service Schedule 41 + Cost-Based Supply Service
Agricultural Pumping - Secondary Delivery Voltage

			Present Price*		]	Proposed Price*		P	ercent Difference	:
		April -	December-	Annual	April -	December-	Annual	April -	December-	Annual
kW		November	March	Load Size	November	March	Load Size	November	March	Load Size
Load Size	kWh	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge
Single Phase										
10	2,000	\$196	\$224	\$155	\$196	\$224	\$155	0.08%	0.07%	0.00%
10	3,000	\$293	\$322	\$155 \$155	\$294	\$322	\$155 \$155	0.08%	0.07%	0.00%
	5,000	\$489	\$522 \$517	\$155 \$155	\$489	\$518	\$155 \$155	0.07%	0.07%	0.00%
	3,000	\$409	\$317	\$133	\$ <del>4</del> 69	\$316	\$133	0.07/0	0.0776	0.0076
Three Phase										
20	4,000	\$391	\$448	\$309	\$391	\$449	\$309	0.07%	0.06%	0.00%
	6,000	\$587	\$644	\$309	\$587	\$644	\$309	0.07%	0.07%	0.00%
	10,000	\$978	\$1,035	\$309	\$978	\$1,036	\$309	0.07%	0.07%	0.00%
100	20,000	\$1,956	\$2,241	\$1,349	\$1,957	\$2,243	\$1,349	0.07%	0.06%	0.00%
100	30,000	\$2,933	\$3,219	\$1,349	\$2,935	\$3,221	\$1,349	0.07%	0.07%	0.00%
	50,000	\$4,889	\$5,175	\$1,349	\$4,892	\$5,178	\$1,349	0.07%	0.07%	0.00%
	50,000	Φ <del>1</del> ,002	\$5,175	Ψ1,547	Ψτ,072	\$5,176	\$1,547	0.0770	0.0770	0.0070
300	60,000	\$5,867	\$6,724	\$3,409	\$5,871	\$6,728	\$3,409	0.07%	0.06%	0.00%
	90,000	\$8,800	\$9,657	\$3,409	\$8,806	\$9,664	\$3,409	0.07%	0.07%	0.00%
	150,000	\$14,666	\$15,524	\$3,409	\$14,677	\$15,534	\$3,409	0.07%	0.07%	0.00%

<sup>\*</sup> Net rate including Schedules 91, 98, 199, 290 and 297.

Pacific Power
Billing Comparison
Delivery Service Schedule 41 + Cost-Based Supply Service
Agricultural Pumping - Primary Delivery Voltage

			Present Price*		]	Proposed Price*		P	ercent Difference	;
		April -	December-	Annual	April -	December-	Annual	April -	December-	Annual
kW		November	March	Load Size	November	March	Load Size	November	March	Load Size
Load Size	kWh	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge
Single Phase										
10	3,000	\$284	\$312	\$155	\$284	\$312	\$155	0.08%	0.07%	0.00%
	4,000	\$379	\$407	\$155	\$379	\$407	\$155	0.08%	0.07%	0.00%
	5,000	\$474	\$501	\$155	\$474	\$502	\$155	0.08%	0.07%	0.00%
Three Phase										
20	6,000	\$568	\$624	\$309	\$569	\$624	\$309	0.08%	0.07%	0.00%
	8,000	\$758	\$813	\$309	\$758	\$814	\$309	0.08%	0.07%	0.00%
	10,000	\$947	\$1,003	\$309	\$948	\$1,003	\$309	0.08%	0.07%	0.00%
100	30,000	\$2,842	\$3,118	\$1,339	\$2,844	\$3,120	\$1,339	0.08%	0.07%	0.00%
	40,000	\$3,789	\$4,065	\$1,339	\$3,792	\$4,068	\$1,339	0.08%	0.07%	0.00%
	50,000	\$4,736	\$5,013	\$1,339	\$4,739	\$5,016	\$1,339	0.08%	0.07%	0.00%
300	90,000	\$8,525	\$9,355	\$3,399	\$8,531	\$9,361	\$3,399	0.08%	0.07%	0.00%
	120,000	\$11,366	\$12,196	\$3,399	\$11,375	\$12,205	\$3,399	0.08%	0.07%	0.00%
	150,000	\$14,208	\$15,038	\$3,399	\$14,218	\$15,048	\$3,399	0.08%	0.07%	0.00%

<sup>\*</sup> Net rate including Schedules 91, 98, 199, 290 and 297.

# Pacific Power Monthly Billing Comparison Delivery Service Schedule 48 + Cost-Based Supply Service Large General Service - Secondary Delivery Voltage 1,000 kW and Over

kW		Monthly	Monthly Billing		
Load Size	kWh	Present Price	Proposed Price	Difference	
1,000	300,000	\$27,167	\$27,186	0.07%	
	500,000	\$38,855	\$38,886	0.08%	
	650,000	\$47,622	\$47,662	0.08%	
2,000	600,000	\$53,902	\$53,939	0.07%	
	1,000,000	\$75,028	\$75,090	0.08%	
	1,300,000	\$91,736	\$91,816	0.09%	
6,000	1,800,000	\$156,472	\$156,583	0.07%	
	3,000,000	\$223,302	\$223,488	0.08%	
	3,900,000	\$273,425	\$273,666	0.09%	
12,000	3,600,000	\$311,620	\$311,843	0.07%	
	6,000,000	\$445,280	\$445,651	0.08%	
	7,800,000	\$545,525	\$546,008	0.09%	

Notes:

On-Peak kWh 64.49% Off-Peak kWh 35.51%

<sup>\*</sup> Net rate including Schedules 91, 199 and 290. Schedule 297 included for kWh levels under 730,000.

# Pacific Power Monthly Billing Comparison Delivery Service Schedule 48 + Cost-Based Supply Service Large General Service - Primary Delivery Voltage 1,000 kW and Over

kW		Monthly	Billing	Percent
Load Size	kWh	Present Price	Proposed Price	Difference
1,000	300,000	\$25,715	\$25,734	0.07%
	500,000	\$36,586	\$36,617	0.08%
	650,000	\$44,738	\$44,779	0.09%
2,000	600,000	\$50,957	\$50,994	0.07%
	1,000,000	\$70,448	\$70,509	0.09%
	1,300,000	\$85,928	\$86,008	0.09%
6,000	1,800,000	\$147,237	\$147,348	0.08%
	3,000,000	\$209,158	\$209,344	0.09%
	3,900,000	\$255,600	\$255,841	0.09%
12,000	3,600,000	\$293,119	\$293,341	0.08%
	6,000,000	\$416,962	\$417,333	0.09%
	7,800,000	\$509,844	\$510,326	0.09%

Notes:

On-Peak kWh 61.36% Off-Peak kWh 38.64%

<sup>\*</sup> Net rate including Schedules 91, 199 and 290. Schedule 297 included for kWh levels under 730,000.

Pacific Power

Monthly Billing Comparison

Delivery Service Schedule 48 + Cost-Based Supply Service

Large General Service - Transmission Delivery Voltage

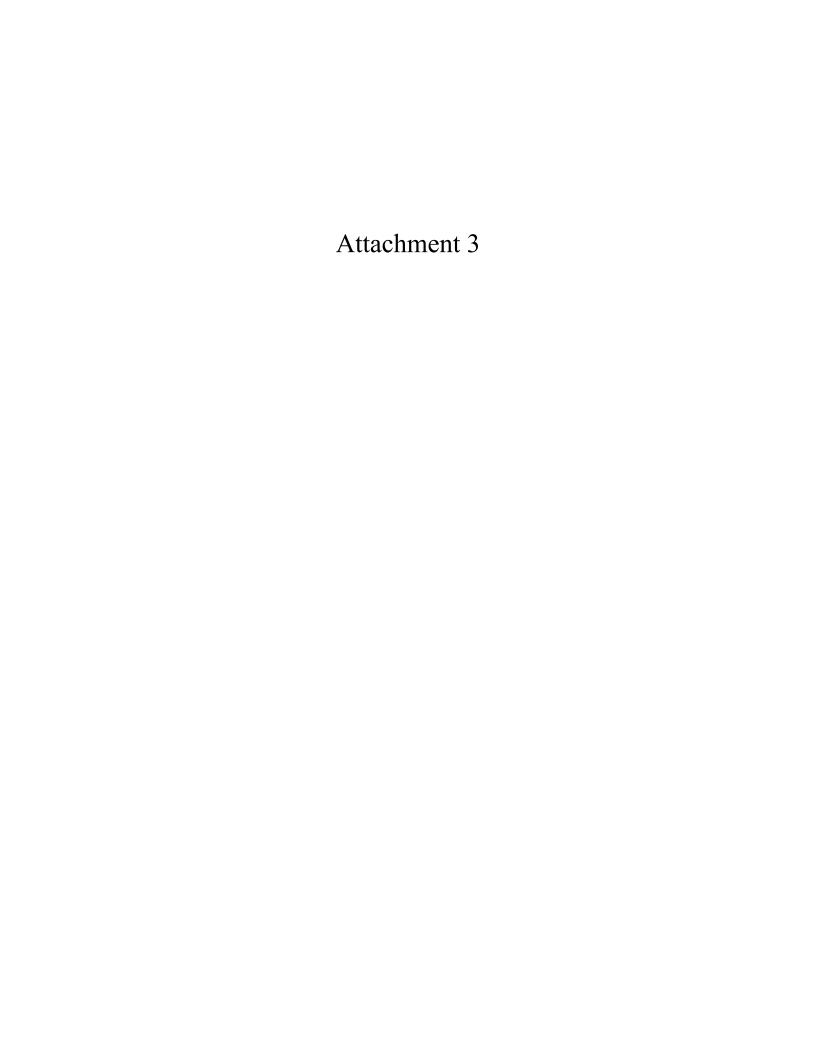
1,000 kW and Over

kW	kWh	Monthly	Percent	
Load Size		Present Price	Proposed Price	Difference
1,000	500,000	\$36,280	\$36,311	0.09%
	650,000	\$43,883	\$43,923	0.09%
2,000	1,000,000	\$69,424	\$69,486	0.09%
	1,300,000	\$83,806	\$83,886	0.10%
6,000	3,000,000	\$206,263	\$206,448	0.09%
	3,900,000	\$249,408	\$249,649	0.10%
12,000	6,000,000	\$410,378	\$410,749	0.09%
	7,800,000	\$496,668	\$497,150	0.10%
50,000	25,000,000	\$1,703,106	\$1,704,651	0.09%
	32,500,000	\$2,062,648	\$2,064,657	0.10%

Notes:

On-Peak kWh 56.79% Off-Peak kWh 43.21%

<sup>\*</sup> Net rate including Schedules 91, 199 and 290. Schedule 297 included for kWh levels under 730,000.



## **PacifiCorp** Oregon

Renewable Adjustment Clause Revenue Requirement High Plains, Marengo I & II, and Goodnoe Hills

RAC Effective Date January 1, 2020

			(a)	(b)	(c)	(d)
	\$-Thousands		Jan. 2020 - Dec. 2020			
Line No.		Reference	Total Company	Factor	Factor %	Oregon Allocated
	Plant Revenue Requirement					
1	Capital Investment	Footnote 1	435,146	SG	26.7248%	116,292
2	Depreciation Reserve	Footnote 1	(8,720)	SG	26.7248%	(2,331)
3	Accumulated DIT Balance	Footnote 1	(35,157)	SG	26.7248%	(9,396)
4	Net Rate Base	sum of lines 1-3	391,268			104,566
5	Pre-Tax Rate of Return	line 20	9.244%			9.244%
6	Pre-Tax Return on Rate Base	line 4 * line 5	36,169			9,666
7	Operation & Maintenance	Footnote 2	(461)	SG	26.7248%	(123)
8	Depreciation	Footnote 3 and 4	14,949	SG	26.7248%	3,995
9	Property Taxes	Footnote 2	3,780	GPS	27.1069%	1,025
10	Wind Tax	Footnote 2	76	SG	26.7248%	20
11	Depreciation Expense Adjustment	Footnote 5	(17,751)	SG	26.7248%	(4,744)
12	Rev. Reqt. Before Revenue Gross-up	sum of lines 6-11	36,762			9,839
13	Franchise Taxes	PAC/404, line 17				238
14	Bad Debt Expense	PAC/404, line 18				49
15	Resource Supplier Tax	PAC/404, line 19				14
16	PUC Fee	PAC/404, line 20				31
17	Total Revenue Requirement	sum of lines 12-16			[	10,170
18	Federal/State Combined Tax Rate	PAC/404, line 5	24.587%			
19	Net to Gross Bump up Factor = (1/(1-tax rate))	PAC/404, line 6	1.3260			
20	Pretax Return	PAC/404, line 4	9.244%			
21	Property Tax Rate	PAC/404, line 14	0.87%			
22	Oregon SG Factor	PAC/404, line 15	26.7248%			
23	Oregon GPS Factor	PAC/404, line 16	27.1069%			

## Footnotes:

- 1) Capital balances equal the 13-month average of the monthly balances in PAC/402.
- 2) Equals the annual cost of the first full year subsequent to the rate effective date. See PAC/402.
- 3) Equals the 12 consecutive months beginning with the rate effective date. See PAC/402.
- 4) As stated in testimony, actual depreciation expense

will be adjusted by the impact of the retired assets until the next depreciation study.

5) Depreciation expense for the replaced equipement currently in rates

is removed as an incremental revenue requirement savings.

Reference OPUC 22, excluding Dunlap and Glenrock 3.