

Docket No. UE 352
Exhibit PAC/504
Witness: Judith M. Ridenour

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

PACIFICORP

Exhibit Accompanying Direct Testimony of Judith M. Ridenour
Monthly Billing Comparisons for October 1

December 2018

Pacific Power
Monthly Billing Comparison
Delivery Service Schedule 4 + Cost-Based Supply Service
Residential Service

kWh	Monthly Billing*		Difference	Percent Difference
	Present Price	Proposed Price		
100	\$20.26	\$20.38	\$0.12	0.59%
200	\$30.02	\$30.27	\$0.25	0.83%
300	\$39.79	\$40.18	\$0.39	0.98%
400	\$49.55	\$50.07	\$0.52	1.05%
500	\$59.33	\$59.98	\$0.65	1.10%
600	\$69.11	\$69.88	\$0.77	1.11%
700	\$78.87	\$79.78	\$0.91	1.15%
800	\$88.64	\$89.68	\$1.04	1.17%
900	\$98.40	\$99.58	\$1.18	1.20%
950	\$103.31	\$104.54	\$1.23	1.19%
1,000	\$108.19	\$109.48	\$1.29	1.19%
1,100	\$121.12	\$122.55	\$1.43	1.18%
1,200	\$134.04	\$135.61	\$1.57	1.17%
1,300	\$146.98	\$148.66	\$1.68	1.14%
1,400	\$159.90	\$161.72	\$1.82	1.14%
1,500	\$172.84	\$174.78	\$1.94	1.12%
1,600	\$185.77	\$187.85	\$2.08	1.12%
2,000	\$237.49	\$240.08	\$2.59	1.09%
3,000	\$366.79	\$370.68	\$3.89	1.06%
4,000	\$496.09	\$501.28	\$5.19	1.05%
5,000	\$625.39	\$631.88	\$6.49	1.04%

* 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**

kW Load Size	kWh	Monthly Billing*						Percent Difference	
		Present Price		Proposed Price		Single Phase	Three Phase	Single Phase	Three Phase
		Single Phase	Three Phase	Single Phase	Three Phase				
5	500	\$72	\$81	\$73	\$82	0.87%	0.76%	0.87%	0.76%
	750	\$100	\$108	\$100	\$109	0.94%	0.86%		
	1,000	\$127	\$136	\$128	\$137	0.98%	0.92%		
	1,500	\$181	\$190	\$183	\$192	1.03%	0.98%		
10	1,000	\$127	\$136	\$128	\$137	0.98%	0.92%	0.98%	0.92%
	2,000	\$236	\$244	\$238	\$247	1.06%	1.02%		
	3,000	\$345	\$353	\$348	\$357	1.09%	1.06%		
	4,000	\$437	\$446	\$442	\$451	1.14%	1.12%		
20	4,000	\$464	\$473	\$469	\$478	1.07%	1.06%	1.07%	1.06%
	6,000	\$648	\$657	\$656	\$664	1.15%	1.14%		
	8,000	\$832	\$841	\$842	\$851	1.20%	1.19%		
	10,000	\$1,017	\$1,026	\$1,029	\$1,038	1.23%	1.21%		
30	9,000	\$978	\$987	\$990	\$999	1.15%	1.14%	1.15%	1.14%
	12,000	\$1,255	\$1,264	\$1,270	\$1,279	1.19%	1.18%		
	15,000	\$1,532	\$1,540	\$1,550	\$1,559	1.22%	1.21%		
	18,000	\$1,808	\$1,817	\$1,831	\$1,839	1.24%	1.23%		

* 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

kW Load Size	kWh	Monthly Billing*						Percent Difference	
		Present Price		Proposed Price		Single Phase	Three Phase	Single Phase	Three Phase
		Single Phase	Three Phase	Single Phase	Three Phase				
5	500	\$71	\$80	\$72	\$80	0.89%	0.78%	0.89%	0.78%
	750	\$97	\$106	\$98	\$107	0.95%	0.89%		
	1,000	\$124	\$133	\$125	\$134	1.01%	0.94%		
	1,500	\$177	\$186	\$179	\$188	1.06%	1.01%		
10	1,000	\$124	\$133	\$125	\$134	1.01%	0.94%	1.01%	0.94%
	2,000	\$230	\$239	\$232	\$241	1.08%	1.05%		
	3,000	\$336	\$345	\$340	\$348	1.11%	1.08%		
	4,000	\$426	\$435	\$431	\$440	1.17%	1.15%		
20	4,000	\$452	\$461	\$457	\$466	1.10%	1.08%	1.10%	1.08%
	6,000	\$632	\$641	\$639	\$648	1.18%	1.17%		
	8,000	\$811	\$820	\$821	\$830	1.23%	1.22%		
	10,000	\$991	\$1,000	\$1,003	\$1,012	1.26%	1.25%		
30	9,000	\$954	\$963	\$965	\$974	1.18%	1.16%	1.18%	1.16%
	12,000	\$1,223	\$1,232	\$1,238	\$1,247	1.22%	1.21%		
	15,000	\$1,493	\$1,501	\$1,511	\$1,520	1.25%	1.25%		
	18,000	\$1,762	\$1,771	\$1,784	\$1,793	1.27%	1.27%		

* 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 Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
15	3,000	\$353	\$357	1.09%
	4,500	\$467	\$473	1.23%
	7,500	\$695	\$705	1.38%
31	6,200	\$709	\$717	1.12%
	9,300	\$945	\$957	1.26%
	15,500	\$1,417	\$1,437	1.40%
40	8,000	\$910	\$920	1.12%
	12,000	\$1,214	\$1,229	1.26%
	20,000	\$1,823	\$1,848	1.40%
60	12,000	\$1,357	\$1,372	1.13%
	18,000	\$1,813	\$1,836	1.27%
	30,000	\$2,709	\$2,747	1.41%
80	16,000	\$1,797	\$1,817	1.14%
	24,000	\$2,399	\$2,429	1.28%
	40,000	\$3,588	\$3,639	1.42%
100	20,000	\$2,238	\$2,263	1.14%
	30,000	\$2,981	\$3,019	1.29%
	50,000	\$4,468	\$4,532	1.43%
200	40,000	\$4,381	\$4,433	1.17%
	60,000	\$5,868	\$5,945	1.31%
	100,000	\$8,842	\$8,970	1.44%

* 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

kW Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
15	4,500	\$454	\$460	1.26%
	6,000	\$558	\$566	1.37%
	7,500	\$662	\$672	1.45%
31	9,300	\$912	\$924	1.30%
	12,400	\$1,127	\$1,143	1.41%
	15,500	\$1,342	\$1,362	1.47%
40	12,000	\$1,169	\$1,185	1.31%
	16,000	\$1,447	\$1,468	1.41%
	20,000	\$1,725	\$1,751	1.48%
60	18,000	\$1,744	\$1,767	1.32%
	24,000	\$2,154	\$2,185	1.42%
	30,000	\$2,561	\$2,599	1.50%
80	24,000	\$2,304	\$2,335	1.33%
	32,000	\$2,847	\$2,888	1.44%
	40,000	\$3,390	\$3,441	1.51%
100	30,000	\$2,862	\$2,900	1.34%
	40,000	\$3,540	\$3,591	1.44%
	50,000	\$4,218	\$4,282	1.51%
200	60,000	\$5,612	\$5,689	1.37%
	80,000	\$6,969	\$7,071	1.47%
	100,000	\$8,326	\$8,453	1.53%

* 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 Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
100	20,000	\$2,666	\$2,691	0.91%
	30,000	\$3,267	\$3,304	1.12%
	50,000	\$4,469	\$4,529	1.36%
200	40,000	\$4,688	\$4,737	1.04%
	60,000	\$5,890	\$5,963	1.24%
	100,000	\$8,293	\$8,415	1.47%
300	60,000	\$6,881	\$6,953	1.06%
	90,000	\$8,683	\$8,792	1.26%
	150,000	\$12,287	\$12,470	1.48%
400	80,000	\$8,954	\$9,051	1.09%
	120,000	\$11,357	\$11,503	1.28%
	200,000	\$16,163	\$16,406	1.50%
500	100,000	\$11,059	\$11,180	1.10%
	150,000	\$14,063	\$14,245	1.30%
	250,000	\$20,070	\$20,374	1.51%
600	120,000	\$13,163	\$13,309	1.11%
	180,000	\$16,768	\$16,987	1.30%
	300,000	\$23,977	\$24,342	1.52%
800	160,000	\$17,372	\$17,567	1.12%
	240,000	\$22,178	\$22,470	1.32%
	400,000	\$31,791	\$32,277	1.53%
1000	200,000	\$21,581	\$21,824	1.13%
	300,000	\$27,589	\$27,954	1.32%
	500,000	\$39,604	\$40,212	1.53%

* 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 Load Size	kWh	Monthly Billing*		Percent Difference
		Present Price	Proposed Price	
100	30,000	\$3,204	\$3,241	1.14%
	40,000	\$3,794	\$3,842	1.28%
	50,000	\$4,383	\$4,444	1.39%
200	60,000	\$5,780	\$5,853	1.26%
	80,000	\$6,959	\$7,056	1.40%
	100,000	\$8,138	\$8,259	1.49%
300	90,000	\$8,515	\$8,624	1.28%
	120,000	\$10,283	\$10,429	1.42%
	150,000	\$12,052	\$12,234	1.51%
400	120,000	\$11,155	\$11,301	1.31%
	160,000	\$13,513	\$13,708	1.44%
	200,000	\$15,871	\$16,114	1.53%
500	150,000	\$13,808	\$13,990	1.32%
	200,000	\$16,755	\$16,998	1.45%
	250,000	\$19,702	\$20,006	1.54%
600	180,000	\$16,461	\$16,680	1.33%
	240,000	\$19,998	\$20,289	1.46%
	300,000	\$23,534	\$23,899	1.55%
800	240,000	\$21,766	\$22,058	1.34%
	320,000	\$26,482	\$26,871	1.47%
	400,000	\$31,197	\$31,684	1.56%
1000	300,000	\$27,072	\$27,437	1.35%
	400,000	\$32,966	\$33,453	1.47%
	500,000	\$38,861	\$39,468	1.56%

* 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**

kW Load Size	kWh	Present Price*			Proposed Price*			Percent Difference		
		April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge
<u>Single Phase</u>										
10	2,000	\$193	\$222	\$155	\$196	\$224	\$155	1.30%	1.13%	0.00%
	3,000	\$290	\$319	\$155	\$294	\$322	\$155	1.30%	1.18%	0.00%
	5,000	\$483	\$512	\$155	\$490	\$518	\$155	1.30%	1.23%	0.00%
<u>Three Phase</u>										
20	4,000	\$387	\$444	\$309	\$392	\$449	\$309	1.30%	1.13%	0.00%
	6,000	\$580	\$637	\$309	\$588	\$645	\$309	1.30%	1.18%	0.00%
	10,000	\$967	\$1,024	\$309	\$979	\$1,036	\$309	1.30%	1.23%	0.00%
100	20,000	\$1,933	\$2,219	\$1,349	\$1,958	\$2,244	\$1,349	1.30%	1.13%	0.00%
	30,000	\$2,900	\$3,186	\$1,349	\$2,938	\$3,223	\$1,349	1.30%	1.18%	0.00%
	50,000	\$4,833	\$5,119	\$1,349	\$4,896	\$5,182	\$1,349	1.30%	1.23%	0.00%
300	60,000	\$5,800	\$6,657	\$3,409	\$5,875	\$6,732	\$3,409	1.30%	1.13%	0.00%
	90,000	\$8,700	\$9,557	\$3,409	\$8,813	\$9,670	\$3,409	1.30%	1.18%	0.00%
	150,000	\$14,500	\$15,357	\$3,409	\$14,688	\$15,545	\$3,409	1.30%	1.23%	0.00%

* 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**

kW Load Size	kWh	Present Price*			Proposed Price*			Percent Difference		
		April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge	April - November Monthly Bill	December- March Monthly Bill	Annual Load Size Charge
<u>Single Phase</u>										
10	3,000	\$281	\$308	\$155	\$285	\$312	\$155	1.34%	1.22%	0.00%
	4,000	\$374	\$402	\$155	\$379	\$407	\$155	1.34%	1.25%	0.00%
	5,000	\$468	\$496	\$155	\$474	\$502	\$155	1.34%	1.27%	0.00%
<u>Three Phase</u>										
20	6,000	\$562	\$617	\$309	\$569	\$625	\$309	1.34%	1.22%	0.00%
	8,000	\$749	\$804	\$309	\$759	\$814	\$309	1.34%	1.25%	0.00%
	10,000	\$936	\$991	\$309	\$949	\$1,004	\$309	1.34%	1.27%	0.00%
100	30,000	\$2,808	\$3,085	\$1,339	\$2,846	\$3,123	\$1,339	1.34%	1.22%	0.00%
	40,000	\$3,744	\$4,021	\$1,339	\$3,794	\$4,071	\$1,339	1.34%	1.25%	0.00%
	50,000	\$4,680	\$4,957	\$1,339	\$4,743	\$5,020	\$1,339	1.34%	1.27%	0.00%
300	90,000	\$8,424	\$9,254	\$3,399	\$8,538	\$9,368	\$3,399	1.34%	1.22%	0.00%
	120,000	\$11,233	\$12,063	\$3,399	\$11,383	\$12,213	\$3,399	1.34%	1.25%	0.00%
	150,000	\$14,041	\$14,871	\$3,399	\$14,229	\$15,059	\$3,399	1.34%	1.27%	0.00%

* 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 Load Size	kWh	Monthly Billing		Percent Difference
		Present Price	Proposed Price	
1,000	300,000	\$26,861	\$27,192	1.23%
	500,000	\$38,346	\$38,897	1.44%
	650,000	\$46,959	\$47,675	1.53%
2,000	600,000	\$53,290	\$53,951	1.24%
	1,000,000	\$74,009	\$75,111	1.49%
	1,300,000	\$90,410	\$91,843	1.58%
6,000	1,800,000	\$154,637	\$156,621	1.28%
	3,000,000	\$220,243	\$223,549	1.50%
	3,900,000	\$269,448	\$273,746	1.60%
12,000	3,600,000	\$307,949	\$311,917	1.29%
	6,000,000	\$439,162	\$445,775	1.51%
	7,800,000	\$537,572	\$546,168	1.60%

Notes:

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

* 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 Load Size	kWh	Monthly Billing		Percent Difference
		Present Price	Proposed Price	
1,000	300,000	\$25,410	\$25,740	1.30%
	500,000	\$36,076	\$36,627	1.53%
	650,000	\$44,076	\$44,792	1.63%
2,000	600,000	\$50,345	\$51,007	1.31%
	1,000,000	\$69,428	\$70,530	1.59%
	1,300,000	\$84,602	\$86,035	1.69%
6,000	1,800,000	\$145,401	\$147,385	1.36%
	3,000,000	\$206,099	\$209,406	1.60%
	3,900,000	\$251,623	\$255,921	1.71%
12,000	3,600,000	\$289,448	\$293,416	1.37%
	6,000,000	\$410,844	\$417,456	1.61%
	7,800,000	\$501,891	\$510,487	1.71%

Notes:

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

* 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 Load Size	kWh	Monthly Billing		Percent Difference
		Present Price	Proposed Price	
1,000	500,000	\$35,770	\$36,321	1.54%
	650,000	\$43,221	\$43,937	1.66%
2,000	1,000,000	\$68,404	\$69,507	1.61%
	1,300,000	\$82,480	\$83,913	1.74%
6,000	3,000,000	\$203,204	\$206,510	1.63%
	3,900,000	\$245,431	\$249,729	1.75%
12,000	6,000,000	\$404,260	\$410,872	1.64%
	7,800,000	\$488,714	\$497,311	1.76%
50,000	25,000,000	\$1,677,614	\$1,705,166	1.64%
	32,500,000	\$2,029,508	\$2,065,326	1.76%

Notes:

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

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