

Docket No. UE 352  
Exhibit PAC/505  
Witness: Judith M. Ridenour

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**PACIFICORP**

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Exhibit Accompanying Direct Testimony of Judith M. Ridenour  
Monthly Billing Comparisons for December 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	\$20.38	\$20.55	\$0.17	0.83%
200	\$30.27	\$30.61	\$0.34	1.12%
300	\$40.18	\$40.68	\$0.50	1.24%
400	\$50.07	\$50.74	\$0.67	1.34%
500	\$59.98	\$60.82	\$0.84	1.40%
600	\$69.88	\$70.89	\$1.01	1.45%
700	\$79.78	\$80.96	\$1.18	1.48%
800	\$89.68	\$91.02	\$1.34	1.49%
900	<b>\$99.58</b>	<b>\$101.09</b>	<b>\$1.51</b>	<b>1.52%</b>
950	\$104.54	\$106.14	\$1.60	1.53%
1,000	\$109.48	\$111.16	\$1.68	1.53%
1,100	\$122.55	\$124.39	\$1.84	1.50%
1,200	\$135.61	\$137.61	\$2.00	1.47%
1,300	\$148.66	\$150.84	\$2.18	1.47%
1,400	\$161.72	\$164.07	\$2.35	1.45%
1,500	\$174.78	\$177.31	\$2.53	1.45%
1,600	\$187.85	\$190.54	\$2.69	1.43%
2,000	\$240.08	\$243.44	\$3.36	1.40%
3,000	\$370.68	\$375.72	\$5.04	1.36%
4,000	\$501.28	\$508.00	\$6.72	1.34%
5,000	\$631.88	\$640.28	\$8.40	1.33%

\* 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	\$73	\$82	\$74	\$83	1.11%	0.99%	1.11%	0.99%
	750	\$100	\$109	\$102	\$111	1.20%	1.12%		
	1,000	\$128	\$137	\$130	\$138	1.27%	1.18%		
	1,500	\$183	\$192	\$186	\$194	1.33%	1.26%		
10	1,000	\$128	\$137	\$130	\$138	1.27%	1.18%	1.27%	1.18%
	2,000	\$238	\$247	\$241	\$250	1.36%	1.31%		
	3,000	\$348	\$357	\$353	\$362	1.39%	1.36%		
	4,000	\$442	\$451	\$448	\$457	1.46%	1.43%		
20	4,000	\$469	\$478	\$475	\$484	1.38%	1.35%	1.38%	1.35%
	6,000	\$656	\$664	\$665	\$674	1.48%	1.46%		
	8,000	\$842	\$851	\$855	\$864	1.54%	1.52%		
	10,000	\$1,029	\$1,038	\$1,045	\$1,054	1.57%	1.56%		
30	9,000	\$990	\$999	\$1,004	\$1,013	1.47%	1.46%	1.47%	1.46%
	12,000	\$1,270	\$1,279	\$1,289	\$1,298	1.53%	1.52%		
	15,000	\$1,550	\$1,559	\$1,575	\$1,583	1.56%	1.56%		
	18,000	\$1,831	\$1,839	\$1,860	\$1,868	1.59%	1.58%		

\* 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	\$72	\$80	\$72	\$81	1.12%	1.01%	1.12%	1.01%
	750	\$98	\$107	\$100	\$108	1.24%	1.13%		
	1,000	\$125	\$134	\$127	\$136	1.29%	1.20%		
	1,500	\$179	\$188	\$181	\$190	1.35%	1.30%		
10	1,000	\$125	\$134	\$127	\$136	1.29%	1.20%	1.29%	1.20%
	2,000	\$232	\$241	\$236	\$244	1.39%	1.34%		
	3,000	\$340	\$348	\$345	\$353	1.43%	1.39%		
	4,000	\$431	\$440	\$437	\$446	1.50%	1.47%		
20	4,000	\$457	\$466	\$464	\$472	1.41%	1.39%	1.41%	1.39%
	6,000	\$639	\$648	\$649	\$658	1.52%	1.50%		
	8,000	\$821	\$830	\$834	\$843	1.58%	1.56%		
	10,000	\$1,003	\$1,012	\$1,020	\$1,028	1.61%	1.60%		
30	9,000	\$965	\$974	\$980	\$988	1.51%	1.50%	1.51%	1.50%
	12,000	\$1,238	\$1,247	\$1,258	\$1,266	1.57%	1.56%		
	15,000	\$1,511	\$1,520	\$1,536	\$1,544	1.61%	1.60%		
	18,000	\$1,784	\$1,793	\$1,814	\$1,822	1.63%	1.62%		

\* 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	\$357	\$362	1.39%
	4,500	\$473	\$480	1.58%
	7,500	\$705	\$717	1.77%
31	6,200	\$717	\$727	1.43%
	9,300	\$957	\$972	1.61%
	15,500	\$1,437	\$1,462	1.79%
40	8,000	\$920	\$933	1.44%
	12,000	\$1,229	\$1,249	1.62%
	20,000	\$1,848	\$1,882	1.79%
60	12,000	\$1,372	\$1,392	1.45%
	18,000	\$1,836	\$1,866	1.63%
	30,000	\$2,747	\$2,797	1.81%
80	16,000	\$1,817	\$1,844	1.46%
	24,000	\$2,429	\$2,469	1.64%
	40,000	\$3,639	\$3,706	1.82%
100	20,000	\$2,263	\$2,296	1.47%
	30,000	\$3,019	\$3,069	1.65%
	50,000	\$4,532	\$4,615	1.83%
200	40,000	\$4,433	\$4,499	1.50%
	60,000	\$5,945	\$6,044	1.67%
	100,000	\$8,970	\$9,136	1.85%

\* 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	\$460	\$467	1.63%
	6,000	\$566	\$576	1.76%
	7,500	\$672	\$684	1.85%
31	9,300	\$924	\$939	1.67%
	12,400	\$1,143	\$1,163	1.80%
	15,500	\$1,362	\$1,388	1.89%
40	12,000	\$1,185	\$1,205	1.68%
	16,000	\$1,468	\$1,494	1.81%
	20,000	\$1,751	\$1,784	1.89%
60	18,000	\$1,767	\$1,796	1.69%
	24,000	\$2,185	\$2,224	1.82%
	30,000	\$2,599	\$2,649	1.91%
80	24,000	\$2,335	\$2,375	1.70%
	32,000	\$2,888	\$2,941	1.84%
	40,000	\$3,441	\$3,507	1.93%
100	30,000	\$2,900	\$2,950	1.72%
	40,000	\$3,591	\$3,657	1.85%
	50,000	\$4,282	\$4,365	1.94%
200	60,000	\$5,689	\$5,789	1.75%
	80,000	\$7,071	\$7,204	1.88%
	100,000	\$8,453	\$8,619	1.96%

\* 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	\$2,691	\$2,722	1.17%
	30,000	\$3,304	\$3,351	1.43%
	50,000	\$4,529	\$4,608	1.74%
200	40,000	\$4,737	\$4,800	1.33%
	60,000	\$5,963	\$6,057	1.59%
	100,000	\$8,415	\$8,572	1.87%
300	60,000	\$6,953	\$7,048	1.36%
	90,000	\$8,792	\$8,934	1.61%
	150,000	\$12,470	\$12,706	1.90%
400	80,000	\$9,051	\$9,177	1.39%
	120,000	\$11,503	\$11,692	1.64%
	200,000	\$16,406	\$16,722	1.92%
500	100,000	\$11,180	\$11,338	1.41%
	150,000	\$14,245	\$14,481	1.66%
	250,000	\$20,374	\$20,768	1.93%
600	120,000	\$13,309	\$13,498	1.42%
	180,000	\$16,987	\$17,270	1.67%
	300,000	\$24,342	\$24,814	1.94%
800	160,000	\$17,567	\$17,819	1.44%
	240,000	\$22,470	\$22,848	1.68%
	400,000	\$32,277	\$32,907	1.95%
1000	200,000	\$21,824	\$22,140	1.44%
	300,000	\$27,954	\$28,426	1.69%
	500,000	\$40,212	\$41,000	1.96%

\* 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	\$3,241	\$3,288	1.46%
	40,000	\$3,842	\$3,905	1.64%
	50,000	\$4,444	\$4,523	1.77%
200	60,000	\$5,853	\$5,947	1.62%
	80,000	\$7,056	\$7,182	1.79%
	100,000	\$8,259	\$8,417	1.91%
300	90,000	\$8,624	\$8,766	1.64%
	120,000	\$10,429	\$10,618	1.81%
	150,000	\$12,234	\$12,470	1.93%
400	120,000	\$11,301	\$11,490	1.67%
	160,000	\$13,708	\$13,960	1.84%
	200,000	\$16,114	\$16,429	1.96%
500	150,000	\$13,990	\$14,227	1.69%
	200,000	\$16,998	\$17,314	1.85%
	250,000	\$20,006	\$20,400	1.97%
600	180,000	\$16,680	\$16,963	1.70%
	240,000	\$20,289	\$20,667	1.86%
	300,000	\$23,899	\$24,372	1.98%
800	240,000	\$22,058	\$22,436	1.71%
	320,000	\$26,871	\$27,375	1.88%
	400,000	\$31,684	\$32,314	1.99%
1000	300,000	\$27,437	\$27,909	1.72%
	400,000	\$33,453	\$34,083	1.88%
	500,000	\$39,468	\$40,256	2.00%

\* 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	\$196	\$224	\$155	\$199	\$228	\$155	1.67%	1.46%	0.00%
	3,000	\$294	\$322	\$155	\$299	\$327	\$155	1.67%	1.53%	0.00%
	5,000	\$490	\$518	\$155	\$498	\$526	\$155	1.67%	1.58%	0.00%
<u>Three Phase</u>										
20	4,000	\$392	\$449	\$309	\$398	\$455	\$309	1.67%	1.46%	0.00%
	6,000	\$588	\$645	\$309	\$597	\$654	\$309	1.67%	1.52%	0.00%
	10,000	\$979	\$1,036	\$309	\$996	\$1,053	\$309	1.67%	1.58%	0.00%
100	20,000	\$1,958	\$2,244	\$1,349	\$1,991	\$2,277	\$1,349	1.67%	1.46%	0.00%
	30,000	\$2,938	\$3,223	\$1,349	\$2,987	\$3,272	\$1,349	1.67%	1.52%	0.00%
	50,000	\$4,896	\$5,182	\$1,349	\$4,978	\$5,264	\$1,349	1.67%	1.58%	0.00%
300	60,000	\$5,875	\$6,732	\$3,409	\$5,973	\$6,831	\$3,409	1.67%	1.46%	0.00%
	90,000	\$8,813	\$9,670	\$3,409	\$8,960	\$9,817	\$3,409	1.67%	1.52%	0.00%
	150,000	\$14,688	\$15,545	\$3,409	\$14,934	\$15,791	\$3,409	1.67%	1.58%	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	\$285	\$312	\$155	\$290	\$317	\$155	1.73%	1.57%	0.00%
	4,000	\$379	\$407	\$155	\$386	\$414	\$155	1.73%	1.61%	0.00%
	5,000	\$474	\$502	\$155	\$483	\$510	\$155	1.73%	1.63%	0.00%
<u>Three Phase</u>										
20	6,000	\$569	\$625	\$309	\$579	\$634	\$309	1.73%	1.57%	0.00%
	8,000	\$759	\$814	\$309	\$772	\$827	\$309	1.73%	1.61%	0.00%
	10,000	\$949	\$1,004	\$309	\$965	\$1,020	\$309	1.73%	1.63%	0.00%
100	30,000	\$2,846	\$3,123	\$1,339	\$2,895	\$3,172	\$1,339	1.73%	1.57%	0.00%
	40,000	\$3,794	\$4,071	\$1,339	\$3,860	\$4,137	\$1,339	1.73%	1.61%	0.00%
	50,000	\$4,743	\$5,020	\$1,339	\$4,825	\$5,102	\$1,339	1.73%	1.63%	0.00%
300	90,000	\$8,538	\$9,368	\$3,399	\$8,685	\$9,515	\$3,399	1.73%	1.57%	0.00%
	120,000	\$11,383	\$12,213	\$3,399	\$11,580	\$12,410	\$3,399	1.73%	1.61%	0.00%
	150,000	\$14,229	\$15,059	\$3,399	\$14,475	\$15,305	\$3,399	1.73%	1.63%	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	\$27,192	\$27,621	1.58%
	500,000	\$38,897	\$39,613	1.84%
	650,000	\$47,675	\$48,606	1.95%
2,000	600,000	\$53,951	\$54,810	1.59%
	1,000,000	\$75,111	\$76,542	1.91%
	1,300,000	\$91,843	\$93,704	2.03%
6,000	1,800,000	\$156,621	\$159,198	1.65%
	3,000,000	\$223,549	\$227,845	1.92%
	3,900,000	\$273,746	\$279,330	2.04%
12,000	3,600,000	\$311,917	\$317,071	1.65%
	6,000,000	\$445,775	\$454,365	1.93%
	7,800,000	\$546,168	\$557,335	2.04%

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	\$25,740	\$26,170	1.67%
	500,000	\$36,627	\$37,343	1.95%
	650,000	\$44,792	\$45,723	2.08%
2,000	600,000	\$51,007	\$51,866	1.68%
	1,000,000	\$70,530	\$71,962	2.03%
	1,300,000	\$86,035	\$87,896	2.16%
6,000	1,800,000	\$147,385	\$149,962	1.75%
	3,000,000	\$209,406	\$213,701	2.05%
	3,900,000	\$255,921	\$261,505	2.18%
12,000	3,600,000	\$293,416	\$298,570	1.76%
	6,000,000	\$417,456	\$426,047	2.06%
	7,800,000	\$510,487	\$521,654	2.19%

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	\$36,321	\$37,037	1.97%
	650,000	\$43,937	\$44,867	2.12%
2,000	1,000,000	\$69,507	\$70,938	2.06%
	1,300,000	\$83,913	\$85,774	2.22%
6,000	3,000,000	\$206,510	\$210,805	2.08%
	3,900,000	\$249,729	\$255,313	2.24%
12,000	6,000,000	\$410,872	\$419,463	2.09%
	7,800,000	\$497,311	\$508,478	2.25%
50,000	25,000,000	\$1,705,166	\$1,740,959	2.10%
	32,500,000	\$2,065,326	\$2,111,857	2.25%

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.