

November 15, 2019

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
201 High Street SE, Suite 100
Salem, OR 97301-3389

Attn: Filing Center

RE: Advice 19-017/UE 356—Compliance Tariff Sheets

In compliance with ORS 757.205, OAR 860-022-0025, and OAR 860-022-0030, PacifiCorp d/b/a Pacific Power encloses for filing proposed tariff pages associated with Tariff P.U.C. OR No. 36, which sets forth all rates, tolls, charges, rules, and regulations applicable to electric service in Oregon. This filing is made in compliance with Order No. 19-351 and includes a January 1, 2020 effective date.

Tenth Revision of Sheet No. 201-1	Schedule 201	Net Power Costs Cost-Based Supply Service
Tenth Revision of Sheet No. 201-2	Schedule 201	Net Power Costs Cost-Based Supply Service
Tenth Revision of Sheet No. 201-3	Schedule 201	Net Power Costs Cost-Based Supply Service
Seventh Revision of Sheet No. 205-1	Schedule 205	TAM Adjustment for Other Revenues
Seventh Revision of Sheet No. 205-2	Schedule 205	TAM Adjustment for Other Revenues
Seventh Revision of Sheet No. 205-3	Schedule 205	TAM Adjustment for Other Revenues
Eleventh Revision of Sheet No. 220-1	Schedule 220	Standard Offer Supply Service
Tenth Revision of Sheet No. 294-2	Schedule 294	Transition Adjustment
Tenth Revision of Sheet No. 295-2	Schedule 295	Transition Adjustment Three-Year Cost of Service Opt-Out
Second Revision of Sheet No. 296-4	Schedule 296	Transition Adjustment Five-Year Cost of Service Opt-Out
Original Sheet No. 296-5	Schedule 296	Transition Adjustment Five-Year Cost of Service Opt-Out

This filing sets net power costs (NPC) for 2020 and the final transition adjustments for the 2020 direct access options, consistent with Order No. 19-351 in docket UE 356.

To support this filing and meet the requirements of OAR 860-022-0025 and OAR 860-022-0230, PacifiCorp submits the tariff sheets listed above with the following supporting attachments:

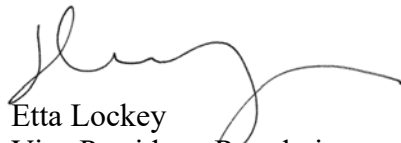
- Attachment 1—Summary of NPC Updates from November 8, 2019 Indicative Filing. This attachment contains a correction to the Indicative Filing Exhibit A's Oregon TAM 2020 (November 2019 Indicative Filing) \$/MWh from 19.57 to 24.14.
- Attachment 2—Description of the NPC Updates.
- Attachment 3—Final Update to NPC Allocation. This attachment shows Oregon-allocated NPC for 2020 are forecast to be \$369.4 million. This spreadsheet contains the information provided consistent with Paragraph 17 of the Stipulation adopted in Order No. 19-351, where PacifiCorp has forecasted the NPC and PTC benefits of these new resources in the 2020 TAM, prorated to reflect their in-service dates in 2020.
- Attachment 4—TAM Rate Spread, Rate Calculation, and Estimated Rate Impact. This attachment shows the rate spread, rates and rate impact by rate schedule of the final proposed rate change.
- Attachment 5—Monthly Billing Comparisons. This attachment shows a comparison of monthly bills at present rates to monthly bills under proposed rates for customers of various sizes under each rate schedule.

This proposed change will affect approximately 627,000 customers, and will result in an overall annual rate decrease of approximately \$24.5 million or 1.9 percent. The average residential customers using 850 kilowatt-hours per month will see a bill decrease of \$1.54 per month as a result of this change.

PacifiCorp is concurrently providing the NPC updates and workpapers. Confidential information is provided subject to the protective order in this proceeding.

If you have any questions please contact Cathie Allen at (503) 813-5934.

Sincerely,



Etta Locky
Vice President, Regulation

Enclosures

CERTIFICATE OF SERVICE

I certify that I delivered a true and correct copy of PacifiCorp's **Compliance Tariff Sheets** on the parties listed below via electronic mail and/or or overnight delivery in compliance with OAR 860-001-0180.

Service List UE 356

AWEC	
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Dated this 15th day of November, 2019.



Katie Savarin
Coordinator, Regulatory Operations

Proposed Tariffs

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Page 1

Available

In all territory served by the Company in the State of Oregon.

Applicable

To Residential Consumers and Nonresidential Consumers who have elected to take Cost-Based Supply Service under this schedule or under Schedules 210, 211, 212, 213 or 247. This service may be taken only in conjunction with the applicable Delivery Service Schedule. Also applicable to Nonresidential Consumers who, based on the announcement date defined in OAR 860-038-275, do not elect to receive standard offer service under Schedule 220 or direct access service under the applicable tariff. In addition, applicable to some Large Nonresidential Consumers on Schedule 400 whose special contracts require prices under the Company's previously applicable Schedule 48T. For Consumers on Schedule 400 who were served on previously applicable Schedule 48T prices under their special contract, this service, in conjunction with Delivery Service Schedule 48, supersedes previous Schedule 48T.

Nonresidential Consumers who had chosen either service under Schedule 220 or who chose to receive direct access service under the applicable tariff may qualify to return to Cost-Based Supply Service under this Schedule after meeting the Returning Service Requirements and making a Returning Service Payment as specified in this Schedule.

Monthly Billing

The Monthly Billing shall be the Energy Charge, as specified below by Delivery Service Schedule.

<u>Delivery Service Schedule No.</u>			<u>Delivery Voltage</u>		Transmission (R)
			Secondary	Primary	
4	Per kWh	0-1000 kWh	2.444¢		(R)
		> 1000 kWh	3.340¢		
5	Per kWh	0-1000 kWh	2.444¢		(R)
		> 1000 kWh	3.340¢		
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).					
23	First 3,000 kWh, per kWh All additional kWh, per kWh		2.708¢	2.623¢	(R)
			2.007¢	1.946¢	
28	First 20,000 kWh, per kWh All additional kWh, per kWh		2.649¢	2.549¢	
			2.574¢	2.481¢	
30	First 20,000 kWh, per kWh All additional kWh, per kWh		2.831¢	2.800¢	
			2.454¢	2.420¢	
41	Winter, first 100 kWh/kW, per kWh		3.781¢	3.653¢	(R)
	Winter, all additional kWh, per kWh		2.575¢	2.495¢	
	Summer, all kWh, per kWh		2.575¢	2.495¢	

For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.

(continued)

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Page 2

Monthly Billing (continued)

<u>Delivery Service Schedule No.</u>		<u>Delivery Voltage</u>		<u>Transmission</u>	
		<u>Secondary</u>	<u>Primary</u>		
47/48	Per kWh On-Peak	2.497¢	2.317¢	2.176¢	(R)
	Per kWh, Off-Peak	2.447¢	2.267¢	2.126¢	(R)

For Schedule 47 and Schedule 48, On-Peak hours are from 6:00 a.m. to 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-Peak hours are remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

52	For dusk to dawn operation, per kWh	2.029¢	(R)
	For dusk to midnight operation, per kWh	2.029¢	
54	Per kWh	1.492¢	(R)

15	<u>Type of Luminaire</u>	<u>Nominal Rating</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	Mercury Vapor	7,000	76	\$ 1.55	(R)
	Mercury Vapor	21,000	172	\$ 3.50	
	Mercury Vapor	55,000	412	\$ 8.39	
	High Pressure Sodium	5,800	31	\$ 0.63	
	High Pressure Sodium	22,000	85	\$ 1.73	
	High Pressure Sodium	50,000	176	\$ 3.59	(R)

50 A. Company-owned Overhead System

Street lights supported on distribution type wood poles: Mercury Vapor Lamps.

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>	
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)	
Horizontal, per lamp	\$1.28	\$2.89	\$6.93	(R)
Vertical, per lamp	\$1.28	\$2.89		(R)

Street lights supported on distribution type metal poles: Mercury Vapor Lamps.

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>	
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)	
On 26-foot poles, horizontal, per lamp	\$1.28			(R)
On 26-foot poles, vertical, per lamp	\$1.28			
On 30-foot poles, horizontal, per lamp		\$2.89		
On 30-foot poles, vertical, per lamp		\$2.89		
On 33-foot poles, horizontal, per lamp			\$6.93	(R)

(continued)

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Page 3

Monthly Billing (continued)
Delivery Service Schedule No.
50 B. Company-owned Underground System

<u>Nominal Lumen Rating</u>	<u>7.000</u>	<u>21.000</u>	<u>55.000</u>	
	(Monthly 76 kWh) (Monthly 172 kWh) (Monthly 412 kWh)			
On 26-foot poles, horizontal, per lamp	\$1.28			(R)
On 26-foot poles, vertical, per lamp	\$1.28			
On 30-foot poles, horizontal, per lamp		\$2.89		
On 30-foot poles, vertical, per lamp		\$2.89		
On 33-foot poles, horizontal, per lamp			\$6.93	(R)

51	<u>Types of Luminaire</u>	<u>Nominal rating</u>	<u>Watts</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	LED	4,000	100 (comp)		\$0.50	(R)
	LED	6,200	150 (comp)		\$0.72	
	LED	13,000	250 (comp)		\$1.35	
	LED	16,800	400 (comp)		\$1.83	
	High Pressure Sodium	5,800	70	31	\$0.82	
	High Pressure Sodium	9,500	100	44	\$1.17	
	High Pressure Sodium	16,000	150	64	\$1.70	
	High Pressure Sodium	22,000	200	85	\$2.25	
	High Pressure Sodium	27,500	250	115	\$3.05	
	High Pressure Sodium	50,000	400	176	\$4.66	
	Metal Halide	12,000	175	68	\$1.80	
	Metal Halide	19,500	250	94	\$2.49	(R)

53	<u>Types of Luminaire</u>	<u>Nominal rating</u>	<u>Watts</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	High Pressure Sodium	5,800	70	31	\$0.27	(R)
	High Pressure Sodium	9,500	100	44	\$0.38	
	High Pressure Sodium	16,000	150	64	\$0.55	
	High Pressure Sodium	22,000	200	85	\$0.73	
	High Pressure Sodium	27,500	250	115	\$0.99	
	High Pressure Sodium	50,000	400	176	\$1.52	
	Metal Halide	9,000	100	39	\$0.34	
	Metal Halide	12,000	175	68	\$0.59	
	Metal Halide	19,500	250	94	\$0.81	
	Metal Halide	32,000	400	149	\$1.29	
	Metal Halide	107,800	1,000	354	\$3.06	

Non-Listed Luminaire, per kWh 0.864¢

(R)

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TAM ADJUSTMENT FOR OTHER REVENUES

Page 1

Purpose

This schedule adjusts rates for Other Revenues as authorized by Order No. 10-363.

Applicable

To all Residential Consumers and Nonresidential Consumers.

Energy Charge

The adjustment rate is listed below by Delivery Service Schedule and Direct Access Delivery Service Schedule.

<u>Delivery Service Schedule No.</u>			<u>Delivery Voltage</u>		
			Secondary	Primary	Transmission
4	Per kWh	0-1000 kWh > 1000 kWh	0.019¢ 0.027¢		(l)
5	Per kWh	0-1000 kWh > 1000 kWh	0.019¢ 0.027¢		(l)
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).					
23, 723	First 3,000 kWh, per kWh All additional kWh, per kWh		0.023¢ 0.017¢	0.022¢ 0.016¢	(l)
28, 728	First 20,000 kWh, per kWh All additional kWh, per kWh		0.021¢ 0.020¢	0.021¢ 0.020¢	
30, 730	First 20,000 kWh, per kWh All additional kWh, per kWh		0.023¢ 0.020¢	0.022¢ 0.020¢	
41, 741	Winter, first 100 kWh/kW, per kWh Winter, all additional kWh, per kWh Summer, all kWh, per kWh		0.030¢ 0.021¢ 0.021¢	0.029¢ 0.020¢ 0.020¢	(l)

For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.

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TAM ADJUSTMENT FOR OTHER REVENUES

Page 2

Energy Charge (continued)

<u>Delivery Service Schedule No.</u>	<u>Secondary</u>	<u>Delivery Voltage</u>		<u>Transmission</u>	
		<u>Primary</u>			
47/48 Per kWh On-Peak	0.020¢	0.018¢	0.017¢	(l)	
747/748 Per kWh, Off-Peak	0.020¢	0.018¢	0.017¢	(l)	

For Schedule 47 and Schedule 48, On-Peak hours are from 6:00 a.m. to 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-Peak hours are remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

52, 752 For dusk to dawn operation, per kWh	0.017¢	(l)
For dusk to midnight operation, per kWh	0.017¢	(l)
54,754 Per kWh	0.010¢	

15	<u>Type of Luminaire</u>	<u>Nominal Rating</u>	<u>Monthly kWh</u>	<u>RatePer Luminaire</u>	
	Mercury Vapor	7,000	76	\$0.01	
	Mercury Vapor	21,000	172	\$0.03	
	Mercury Vapor	55,000	412	\$0.07	
	High Pressure Sodium	5,800	31	\$0.01	(l)
	High Pressure Sodium	22,000	85	\$0.01	
	High Pressure Sodium	50,000	176	\$0.03	

50 A. Company-owned Overhead System

Street lights supported on distribution type wood poles: Mercury Vapor Lamps.

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)
Horizontal, per lamp	\$0.01	\$0.02	\$0.05
Vertical, per lamp	\$0.01	\$0.02	

Street lights supported on distribution type metal poles: Mercury Vapor Lamps.

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)
On 26-foot poles, horizontal, per lamp	\$0.01		
On 26-foot poles, vertical, per lamp	\$0.01		
On 30-foot poles, horizontal, per lamp		\$0.02	
On 30-foot poles, vertical, per lamp		\$0.02	
On 33-foot poles, horizontal, per lamp			\$0.05

(continued)

TAM ADJUSTMENT FOR OTHER REVENUES

Page 3

Energy Charge (continued)
Delivery Service Schedule No.
50 B. Company-owned Underground System

<u>Nominal Lumen Rating</u>	<u>7.000</u>	<u>21.000</u>	<u>55.000</u>
	(Monthly 76 kWh) (Monthly 172 kWh) (Monthly 412 kWh)		
On 26-foot poles, horizontal, per lamp	\$0.01		
On 26-foot poles, vertical, per lamp	\$0.01		
On 30-foot poles, horizontal, per lamp		\$0.02	
On 30-foot poles, vertical, per lamp		\$0.02	
On 33-foot poles, horizontal, per lamp			\$0.05

51, 751 Types of Luminaire	Nominal rating	Watts	Monthly kWh	Rate Per Luminaire
LED	4,000	100 (comp)		\$0.00
LED	6,200	150 (comp)		\$0.01
LED	13,000	250 (comp)		\$0.01
LED	16,800	400 (comp)		\$0.01
High Pressure Sodium	5,800	70	31	\$0.01
High Pressure Sodium	9,500	100	44	\$0.01
High Pressure Sodium	16,000	150	64	\$0.01
High Pressure Sodium	22,000	200	85	\$0.02
High Pressure Sodium	27,500	250	115	\$0.02
High Pressure Sodium	50,000	400	176	\$0.04
Metal Halide	12,000	175	68	\$0.01
Metal Halide	19,500	250	94	\$0.02

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53, 753 Types of Luminaire	Nominal rating	Watts	Monthly kWh	Rate Per Luminaire
High Pressure Sodium	5,800	70	31	\$0.00
High Pressure Sodium	9,500	100	44	\$0.00
High Pressure Sodium	16,000	150	64	\$0.00
High Pressure Sodium	22,000	200	85	\$0.01
High Pressure Sodium	27,500	250	115	\$0.01
High Pressure Sodium	50,000	400	176	\$0.01
Metal Halide	9,000	100	39	\$0.00
Metal Halide	12,000	175	68	\$0.00
Metal Halide	19,500	250	94	\$0.01
Metal Halide	32,000	400	149	\$0.01
Metal Halide	107,800	1,000	354	\$0.02

Non-Listed Luminaire, per kWh 0.007¢

STANDARD OFFER SUPPLY SERVICE

Page 1

Available

In all territory served by the Company in the State of Oregon.

Applicable

To Nonresidential Consumers who have elected to take this service. This service may be taken only in conjunction with the applicable Delivery Service Schedule.

Energy Charge

The Energy Charge shall be based on the Energy Charge Daily Rate as described below.

The Energy Charge Daily Rate is calculated by applying the same monthly weights produced by the Weighted Market Value calculation in the Transition Adjustment Schedule – Schedule 294 to actual daily market prices reported by the Platts indices at California/Oregon Border (COB), Mid-Columbia (Mid-C) and Desert Southwest (DSW), which includes the Palo Verde and Four Corners markets. The weights and thermal value will remain constant throughout the calendar year.

Standard Offer HLH			Standard Offer LLH		
<u>Market</u>	<u>Weight</u>		<u>Market</u>	<u>Weight</u>	
COB	11.24%		COB	5.86%	
DSW	16.90%		DSW	8.30%	
Mid C	38.31%		Mid C	14.57%	
SP15	0.00%		SP15	0.00%	
Thermal	33.55%	\$17.96/MWh	Thermal	71.27%	\$18.94/MWh
Total	100%		Total	100%	

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If prices are not reported for a particular day or days, the average of the immediately preceding and following reported days' on-peak and off-peak prices shall be used to determine the price for the non-reported period. On-peak and off-peak hours shall be defined as reported by Platts for the Mid-Columbia Index. Currently, on-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-peak hours are all remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

The Consumer shall notify the Company of its choice of this option within the period defined in OAR 860-038-275. The Consumer shall remain on this option until the Company is properly notified of the Consumers' election of Direct Access Service. The Consumer may return to Cost-Based Supply Service consistent with the provisions of Schedule 201.

(continued)

TRANSITION ADJUSTMENT

Page 2

One-Year Option - Transition Adjustments (cents/kWh)

23/723 Secondary		23/723 Primary		28/728 Secondary		28/728 Primary		30/730 Secondary	
HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH

Jan-20	-0.961	-1.094	-1.149	-1.200	-0.895	-1.021	-1.058	-1.147	-1.006	-1.146
Feb-20	-0.940	-0.809	-1.177	-0.958	-0.825	-0.747	-0.896	-0.870	-0.971	-0.870
Mar-20	-0.188	-0.119	-0.374	-0.235	-0.107	-0.060	-0.203	-0.178	-0.227	-0.181
Apr-20	0.257	0.126	0.197	0.021	0.344	0.162	0.229	0.077	0.230	0.054
May-20	0.826	0.715	0.681	0.514	0.867	0.788	0.733	0.693	0.742	0.648
Jun-20	-0.073	0.547	-0.119	0.245	0.022	0.645	-0.118	0.515	-0.116	0.456
Jul-20	-4.354	-2.705	-3.950	-2.345	-4.096	-2.643	-4.147	-2.739	-4.295	-2.728
Aug-20	-5.124	-3.003	-3.497	-2.728	-4.840	-2.932	-4.924	-2.989	-5.022	-3.013
Sep-20	-1.121	-1.380	-1.903	-1.496	-1.122	-1.404	-0.935	-1.441	-1.173	-1.476
Oct-20	-0.745	-0.544	-0.875	-0.682	-0.695	-0.478	-0.808	-0.591	-0.804	-0.597
Nov-20	-0.537	-0.623	-0.591	-0.795	-0.476	-0.557	-0.586	-0.665	-0.640	-0.755
Dec-20	-1.785	-1.494	-1.894	-1.630	-1.717	-1.428	-1.830	-1.537	-1.855	-1.547

30/730 Primary		41/741 Secondary		41/741 Primary		47/747,48/748 Secondary		47/747,48/748 Primary	
HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH

Jan-20	-1.091	-1.187				-1.047	-1.096	-1.175	-1.310
Feb-20	-0.934	-0.895				-0.996	-0.950	-1.235	-1.071
Mar-20	-0.256	-0.220				-0.200	-0.170	-0.432	-0.387
Apr-20	0.184	0.029	0.082	0.241	0.013	0.172	0.168	0.176	-0.112
May-20	0.703	0.637	0.854	0.724	0.785	0.655	0.725	0.605	0.535
Jun-20	-0.158	0.457	-0.221	0.226	-0.290	0.156	-0.204	0.159	-0.326
Jul-20	-4.357	-2.840	-3.336	-2.154	-3.405	-2.223	-3.705	-2.724	-4.477
Aug-20	-5.144	-3.144	-3.628	-2.902	-3.697	-2.971	-3.896	-3.054	-5.354
Sep-20	-1.181	-1.497	-1.240	-1.377	-1.309	-1.447	-1.397	-1.484	-1.282
Oct-20	-0.836	-0.636	-0.761	-0.515	-0.830	-0.584	-0.849	-0.675	-1.017
Nov-20	-0.631	-0.713					-0.510	-0.657	-0.784
Dec-20	-1.889	-1.588					-1.823	-1.565	-2.037

47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH

Jan-20	-1.214	-1.372	-0.847	-0.988	-1.470	-1.611	-2.632	-2.773	-2.005	-2.146
Feb-20	-1.225	-1.073	-0.871	-0.721	-1.494	-1.344	-2.657	-2.506	-2.029	-1.879
Mar-20	-0.478	-0.440	-0.065	-0.031	-0.688	-0.654	-1.850	-1.816	-1.223	-1.189
Apr-20	-0.031	-0.174	0.403	0.246	-0.220	-0.377	-1.382	-1.539	-0.755	-0.912
May-20	0.459	0.357	0.900	0.801	0.277	0.178	-0.885	-0.984	-0.258	-0.357
Jun-20	-0.365	0.119	0.035	0.546	-0.588	-0.077	-1.750	-1.239	-1.123	-0.612
Jul-20	-4.372	-2.791	-4.132	-2.444	-4.755	-3.067	-5.917	-4.229	-5.290	-3.602
Aug-20	-5.244	-3.149	-5.124	-2.784	-5.747	-3.407	-6.909	-4.569	-6.282	-3.942
Sep-20	-1.368	-1.675	-0.945	-1.305	-1.568	-1.928	-2.730	-3.090	-2.103	-2.463
Oct-20	-1.043	-0.850	-0.649	-0.454	-1.272	-1.077	-2.434	-2.239	-1.807	-1.612
Nov-20	-0.841	-0.939	-0.445	-0.616	-1.067	-1.239	-2.230	-2.401	-1.602	-1.774
Dec-20	-2.032	-1.770	-1.672	-1.404	-2.294	-2.027	-3.457	-3.190	-2.829	-2.562

(C)

(C)

**TRANSITION ADJUSTMENT
THREE-YEAR COST OF SERVICE OPT-OUT**

Page 2

Three-Year Option - Transition Adjustments (cents/kWh)
Adjustments for Consumers Electing This Option for 2018-2020 (No New Service)

(D)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2018	-0.123	-0.109	-0.166	-0.159
2019	-0.148	-0.237	-0.225	-0.262
2020	-0.389	-0.319	-0.460	-0.338

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2018	-0.021	-0.114	-0.346	-0.377	-0.402	-0.461
2019	-0.057	-0.295	-0.389	-0.487	-0.445	-0.533
2020	-0.631	-0.446	-0.641	-0.601	-0.666	-0.659

Adjustments for Consumers Electing This Option for 2019-2021 (No New Service)

(C)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2019	-0.916	-0.907	-0.962	-0.964
2020	-0.584	-0.685	-0.663	-0.732
2021	-0.943	-0.995	-0.978	-1.020

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2019	-1.020	-0.711	-1.154	-1.134	-1.164	-1.251
2020	-0.854	-0.659	-0.805	-0.915	-0.781	-1.013
2021	-1.155	-0.883	-1.197	-1.203	-1.154	-1.278

Adjustments for Consumers Electing This Option for 2020-2022

(N)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2020	-0.987	-0.983	-1.048	-0.955
2021	-1.112	-1.208	-1.150	-1.244
2022	-1.179	-1.437	-1.210	-1.416

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2020	-1.236	-1.113	-1.214	-1.178	-1.215	-1.191
2021	-1.238	-1.559	-1.317	-1.485	-1.334	-1.475
2022	-1.406	-1.687	-1.392	-1.634	-1.399	-1.615

(N)

**TRANSITION ADJUSTMENT
FIVE-YEAR COST OF SERVICE OPT-OUT**

Page 4

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2018 (No New Service)

Transition Adjustments (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2018	0.089	0.047	0.057	-0.143	-0.213
2019	0.100	0.058	0.067	-0.135	-0.208
2020	-0.122	-0.162	-0.154	-0.346	-0.409
2021	-0.340	-0.378	-0.371	-0.556	-0.609
2022	-0.362	-0.401	-0.394	-0.587	-0.643

Consumer Opt-Out Charge (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2018-2022	2.005	1.935	1.987	1.666	1.462

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2019 (No New Service)

(C)

Transition Adjustments (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2019	-0.376	-0.417	-0.408	-0.607	-0.661
2020	-0.776	-0.815	-0.806	-0.996	-1.034
2021	-0.004	-0.044	-0.035	-0.232	-0.299
2022	-0.174	-0.216	-0.206	-0.416	-0.481
2023	-0.556	-0.600	-0.590	-0.810	-0.865

Consumer Opt-Out Charge (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2019-2023	1.633	1.563	1.616	1.291	1.081

**TRANSITION ADJUSTMENT
FIVE-YEAR COST OF SERVICE OPT-OUT**

Page 5

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2020
Transition Adjustments (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2020	-0.766	-0.803	-0.795	-0.976	-1.011
2021	-1.158	-1.191	-1.184	-1.347	-1.363
2022	-1.250	-1.284	-1.277	-1.446	-1.460
2023	-1.343	-1.378	-1.369	-1.542	-1.555
2024	-1.423	-1.458	-1.450	-1.625	-1.636

Consumer Opt-Out Charge (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2020-2024	1.010	0.947	0.997	0.706	0.528

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Attachment 1

Oregon TAM 2020 (April 2019 Initial Filing)	NPC (\$) =	1,479,821,158
	\$/MWh =	24.77

Oregon TAM 2020 (July 2019 Update Filing)	NPC (\$) =	1,476,367,261
	\$/MWh =	24.71

Oregon TAM 2020 (July 2019 Filing with Settlement)	NPC (\$) =	1,457,833,000
	\$/MWh =	24.40

Oregon TAM 2020 (November 2019 Indicative Filing)	NPC (\$) =	1,442,383,912
	\$/MWh =	24.14

Update - November 8, 2019 OFPC

NPC Impact (\$)
(1,063,892)

Oregon TAM 2020 (November 2019 Final Filing)	NPC (\$) =	1,441,320,020
	\$/MWh =	24.12

Attachment 2

November 2019
Oregon Transition Adjustment Mechanism (TAM) Final Update
Update Explanations

Updates to Net Power Costs

This update incorporates the Company's official forward price curve as of November 8, 2019, including the screening of gas-fired units, and adjustment of incremental coal prices. The impact of this update decreases net power costs from the indicative filing by approximately \$0.3 million on an Oregon basis or \$1.1 million on a total company basis.

Attachment 3

PacifiCorp
CY 2020 TAM
Final Filing

Line no	ACCT.	Factor	Total Company									
			UE-339 CY 2019 - Final Update	TAM CY 2020 - Initial Filing	TAM CY 2020 - Reply Update	TAM CY 2020 - Settlement	CY 2020 - Indicative Update	CY 2020 - Final Update	CY 2020 - Final_Glenrock III	CY 2020 - Final_Dunlap I	CY 2020 - Final_Foote Creek I	CY 2020 - Final_EV2020
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*EIM Benefits for the 2020 TAM are reflected in net power costs

**TAM Settlement UE 356 - Agreed to decrease Oregon-allocated NPC by \$388,297.

**TAM Settlement UE 339 - Partial Stipulation agreed to decrease Oregon-allocated NPC by \$141,911.

PacifiCorp
CY 2020 TAM
Final Filing

				Oregon Allocated									
Line no	ACCT.	Factors CY 2019	Factors CY 2020	UE-339 CY 2019 - Final Update	TAM CY 2020 - Initial Filing	TAM CY 2020 - Reply Update	TAM CY 2020 - Settlement	CY 2020 - Indicative Update	CY 2020 - Final Update	CY 2020 - Final_Glenrock III	CY 2020 - Final_Dunlap I	CY 2020 - Final_Foote Creek I	CY 2020 - Final_EV2020
1	Sales for Resale												
2	Existing Firm PPL	447	26.725%	26.456%	2,129,283	1,854,805	2,016,322	2,016,322	1,891,982	1,972,052	1,972,052	1,972,052	1,972,052
3	Existing Firm UPL	447	26.725%	26.456%	-	-	-	-	-	-	-	-	-
4	Post-Merger Firm	447	26.725%	26.456%	127,874,540	89,883,268	98,627,034	98,627,034	107,724,350	111,774,336	111,749,458	111,793,669	111,978,385
5	Non-Firm	447	25.322%	25.314%	-	-	-	-	-	-	-	-	-
6	Total Sales for Resale				130,003,823	91,738,073	100,643,356	100,643,356	109,616,331	113,746,388	113,721,510	113,765,721	113,950,437
7													
8	Purchased Power												
9	Existing Firm Demand PPL	555	26.725%	26.456%	837,501	1,268,656	862,976	862,976	3,061,828	3,061,867	3,061,867	3,061,867	3,061,867
10	Existing Firm Demand UPL	555	26.72%	26.46%	890,656	1,003,639	1,003,639	1,003,639	1,003,685	1,003,685	1,003,685	1,003,685	1,003,685
11	Existing Firm Energy	555	25.32%	25.31%	4,472,499	5,485,049	4,580,560	4,580,560	9,521,570	9,521,753	9,521,753	9,521,753	9,521,753
12	Post-merger Firm	555	26.72%	26.46%	192,924,948	177,876,096	179,210,196	174,695,098	177,298,985	178,505,181	178,430,616	178,441,358	178,818,820
13	Secondary Purchases	555	25.32%	25.31%	-	-	-	-	-	-	-	-	-
14	Other Generation Expense	555	26.72%	26.46%	1,897,452	1,972,507	1,971,015	1,971,015	1,972,240	1,972,240	1,972,990	1,974,312	1,992,303
15	Total Purchased Power				201,023,056	187,605,948	187,628,386	183,113,288	192,858,308	194,064,726	193,990,910	194,008,940	194,398,428
16													
17	Wheeling Expense												
18	Existing Firm PPL	565	26.72%	26.46%	5,981,109	5,841,375	5,841,375	5,841,375	5,841,375	5,841,375	5,841,375	5,841,375	5,841,375
19	Existing Firm UPL	565	26.72%	26.46%	-	-	-	-	-	-	-	-	-
20	Post-merger Firm	565	26.72%	26.46%	29,010,787	28,452,471	28,451,472	28,451,472	28,097,639	28,100,122	28,100,138	28,100,220	28,100,723
21	Non-Firm	565	25.32%	25.31%	1,126,193	803,772	803,772	803,772	803,772	803,772	803,772	803,772	803,772
22	Total Wheeling Expense				36,118,088	35,097,618	35,096,619	35,096,619	34,742,786	34,745,269	34,745,285	34,745,367	34,745,870
23													
24	Fuel Expense												
25	Fuel Consumed - Coal	501	25.32%	25.31%	177,920,783	162,707,412	164,481,885	164,481,885	163,702,812	165,830,293	165,790,520	165,705,579	165,706,685
26	Fuel Consumed - Coal (Cholla)	501	25.32%	25.31%	10,250,858	6,853,236	9,134,519	9,134,519	9,056,170	9,362,999	9,362,064	9,359,104	9,358,494
27	Fuel Consumed - Gas	501	25.32%	25.31%	1,377,605	1,474,280	1,902,526	1,902,526	1,873,497	1,946,838	1,946,905	1,946,932	1,947,277
28	Natural Gas Consumed	547	25.32%	25.31%	74,372,923	75,935,404	79,002,069	79,002,069	75,299,932	75,261,903	75,256,783	75,249,682	75,247,517
29	Simple Cycle Comb. Turbines	547	25.32%	25.31%	946,239	867,391	981,964	981,964	1,046,358	1,102,532	1,102,035	1,101,818	1,101,607
30	Steam from Other Sources	503	25.32%	25.31%	1,164,232	1,183,825	1,183,825	1,183,825	1,183,825	1,183,825	1,183,825	1,183,825	1,183,825
31	Total Fuel Expense				266,032,640	249,021,549	256,686,788	256,686,788	252,162,595	254,688,390	254,642,132	254,546,940	254,545,229
32													
33	TAM Settlement Adjustment**		As Settled	(141,911)	-	-	(388,297)	(388,297)	(388,297)	(388,297)	(388,297)	(388,297)	(388,297)
34													
35	Net Power Cost (Per GRID)				373,028,051	379,987,042	378,768,436	373,865,041	369,759,060	369,363,700	369,268,520	369,147,229	369,135,761
36													
37	Oregon Situs NPC Adustments	100.0%	100.0%		501,570	513,798	463,225	463,225	535,929	522,082	522,082	522,082	522,082
38	Total NPC Net of Adjustments				373,529,620	380,500,839	379,231,662	374,328,266	370,294,989	369,885,782	369,790,603	369,669,311	369,657,844
39													
40	Non-NPC EIM Costs*	26.72%	26.46%		823,057	415,895	395,019	395,019	395,019	385,319	385,319	385,319	385,319
41	Production Tax Credit (PTC)	26.72%	26.46%		(10,012,645)	(26,377,657)	(25,654,751)	(25,654,751)	(25,654,751)	(25,644,974)	(26,646,729)	(27,754,845)	(27,903,377)
42	Total TAM Net of Adjustments				364,340,032	354,539,078	353,971,929	349,068,533	345,035,256	344,626,127	343,529,193	342,299,786	342,139,786
43													
44	Increase Absent Load Change					(9,800,954)	(10,368,103)	(15,271,498)	(19,304,775)	(19,713,905)	(20,810,839)	(22,040,246)	(22,200,246)
45													
46					\$364,340,032	Oregon-allocated NPC (incl. PTC) Baseline in Rates from UE-339							
47					4,921,525	\$ Change due to load variance from UE-339 forecast							
48					\$369,261,556	2020 Recovery of NPC (incl. PTC) in Rates							
49													
50	Increase Including Load Change				(14,722,479)	(15,289,627)	(20,193,023)	(24,226,300)	(24,635,429)	(25,732,364)	(26,961,771)	(27,121,771)	(33,110,616)
51													
52	Add Other Revenue Change					67,946	100,662	100,662	100,662	100,662	100,662	100,662	100,662
53													
54	Total TAM Increase/(Decrease)				\$ (14,654,533)	\$ (15,188,966)	\$ (20,092,361)	\$ (24,125,638)	\$ (24,534,767)	\$ (25,631,702)	\$ (26,861,109)	\$ (27,021,109)	\$ (33,009,954)

PTC Revenue Requirement in UE-339

Line no	Plant Name	PTC Expiration Date	Total Company		Factor	Factors CY 2018	Oregon Allocated	
			UE-339 Final				UE-339 Final	Revenue Requirement
1	JC Boyle	11/7/2015	\$ -		SG	26.725%	\$ -	\$ -
2	Blundell Bottoming Cycle	12/1/2017	-		SG	26.725%	-	-
3	Glenrock	12/30/2018	(2,677,520)		SG	26.725%	(715,562)	(948,853)
4	Glenrock III	1/16/2019	(172,547)		SG	26.725%	(46,113)	(61,147)
5	Goodnoe	12/17/2017	(400,326)		SG	26.725%	(106,986)	(141,867)
6	High Plains Wind	10/14/2019	(6,821,943)		SG	26.725%	(1,823,151)	(2,417,543)
7	Leaning Juniper 1	9/13/2016	(1,533,630)		SG	26.725%	(409,860)	(543,484)
8	Leaning Juniper Indemnity	9/13/2016	(19,937)		SG	26.725%	(5,328)	(7,065)
9	Marengo	8/2/2017	(1,055,916)		SG	26.725%	(282,192)	(374,193)
10	Marengo II	6/25/2018	(441,520)		SG	26.725%	(117,995)	(156,465)
11	McFadden Ridge	10/31/2019	(2,102,460)		SG	26.725%	(561,878)	(745,064)
12	Seven Mile	12/30/2018	(3,098,241)		SG	26.725%	(827,999)	(1,097,947)
13	Seven Mile II	12/30/2018	(649,037)		SG	26.725%	(173,454)	(230,004)
14	Dunlap I Wind	9/29/2020	(9,281,107)		SG	26.725%	(2,480,358)	(3,289,015)
15								
16	Total Production Tax Credit		<u>\$ (28,254,184)</u>				<u>\$ (7,550,876)</u>	<u>\$ (10,012,645)</u>
17								
18								

PTC Revenue Requirement CY 2020 - UE 356 Settlement

Line no	Plant Name	PTC Expiration Date	Repowering Effective Date	Total Company		Factor	Factors CY 2020	Oregon Allocated	
				CY 2020 Final				CY 2020 Final	Revenue Requirement
21	JC Boyle	11/7/2015		\$ -		SG	26.456%	\$ -	\$ -
22	Blundell Bottoming Cycle	12/1/2017		-		SG	26.456%	-	-
23	Glenrock	12/30/2018	10/1/2019	(8,519,221)		SG	26.456%	(2,253,832)	(2,988,636)
24	Goodnoe	12/17/2017	10/1/2019	(7,140,296)		SG	26.456%	(1,889,026)	(2,504,894)
25	High Plains Wind	10/14/2019	11/1/2019	(9,618,301)		SG	26.456%	(2,544,603)	(3,374,205)
26	Leaning Juniper 1	9/13/2016	10/1/2019	(7,528,559)		SG	26.456%	(1,991,744)	(2,641,101)
27	Leaning Juniper Indemnity	9/13/2016	10/1/2019	(97,871)		SG	26.456%	(25,893)	(34,334)
28	Marengo	8/2/2017	11/1/2019	(12,267,120)		SG	26.456%	(3,245,370)	(4,303,440)
29	Marengo II	6/25/2018	11/1/2019	(5,843,584)		SG	26.456%	(1,545,969)	(2,049,993)
30	McFadden Ridge	10/31/2019	11/1/2019	(2,933,447)		SG	26.456%	(776,068)	(1,029,085)
31	Rolling Hills	1/16/2019	10/1/2019	-		SG	26.456%	-	-
32	Seven Mile	12/30/2018	7/1/2019	(10,490,109)		SG	26.456%	(2,775,247)	(3,680,045)
33	Seven Mile II	12/30/2018	7/1/2019	(2,198,558)		SG	26.456%	(581,647)	(771,278)
34	Dunlap I Wind	9/29/2020	10/15/2020	(6,464,915)		SG	26.456%	(1,710,348)	(2,267,963)
35									
36									
37	Total Production Tax Credit before 2020 Repowering & EV 2020			<u>\$ (73,101,981)</u>				<u>\$ (19,339,747)</u>	<u>\$ (25,644,974)</u>
38									
39									
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41									
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43									

Oregon-allocated PTC Baseline in Rates from UE-339 \$ (10,012,645)

2020 Recovery of PTC in Rates (25,644,974)

Oregon-allocated PTC Increase \$ (15,632,329)

PTC Revenue Requirement CY 2020 - 2020 Repowering & EV 2020

Line no	Plant Name	PTC Expiration Date	Repowering / New Wind Effective Date	Total Company		Factor	Factors CY 2020	Oregon Allocated	
				CY 2020 Final				CY 2020 Final	Revenue Requirement
46	Glenrock III	1/16/2019	4/1/2020*	(2,855,541)		SG	26.456%	(755,457)	(1,001,755)
47	Dunlap I Wind	9/29/2020	10/15/2020	(3,158,726)		SG	26.456%	(835,668)	(1,108,116)
48	Foote Creek I	-	12/1/2020	(423,397)		SG	26.456%	(112,013)	(148,532)
49	TB Flats Wind	-	12/1/2020	(2,808,249)		SG	26.456%	(742,946)	(985,165)
50	TB Flats Wind II	-	12/1/2020	(2,716,222)		SG	26.456%	(718,600)	(952,880)
51	Cedar Springs Wind II	-	12/1/2020	(2,142,632)		SG	26.456%	(566,851)	(751,659)
52	Ekola Flats Wind	-	12/1/2020	(2,716,222)		SG	26.456%	(718,600)	(952,880)
53									
54	Total Production Tax Credits - 2020 Repowering & EV 2020			<u>\$ (16,820,990)</u>				<u>\$ (4,450,135)</u>	<u>\$ (5,900,987)</u>
55									

*PTC benefits for Glenrock III project included at annual (12 months) level calculated from 1/1/2020 even though targeted rate effective date is 4/1/2020

[illegible]

Attachment 4

**PACIFIC POWER
STATE OF OREGON
TAM Schedule 201 Net Power Costs
Present and Proposed Rates and Revenues
Forecast 12 Months Ending December 31, 2020**

Rate Schedule	Forecast Energy	Present Schedule 201		Present Rate Spread	Target Revenues	Proposed Schedule 201	
		Rates	Revenues			Rates	Revenues
Schedule 48, Large General Service, 1,000kW and over							
Secondary Voltage							
On-Peak, per on-peak kWh	355,680,704	2.674 ¢	\$9,510,902	2.5829%	\$8,876,373	2.497 ¢	\$8,881,347
Off-Peak, per off-peak kWh	196,125,707	2.624 ¢	\$5,146,339	1.3976%	\$4,802,996	2.447 ¢	\$4,799,196
	551,806,411		\$14,657,241		\$13,679,369		\$13,680,543
						Change	-\$976,698
Primary Voltage							
On-Peak, per on-peak kWh	1,032,320,231	2.481 ¢	\$25,611,865	6.9555%	\$23,903,145	2.317 ¢	\$23,918,860
Off-Peak, per off-peak kWh	649,820,198	2.431 ¢	\$15,797,129	4.2901%	\$14,743,208	2.267 ¢	\$14,731,424
	1,682,140,429		\$41,408,994		\$38,646,353		\$38,650,284
						Change	-\$2,758,710
Transmission Voltage							
On-Peak, per on-peak kWh	638,904,002	2.330 ¢	\$14,886,463	4.0428%	\$13,893,298	2.176 ¢	\$13,902,551
Off-Peak, per off-peak kWh	485,619,771	2.280 ¢	\$11,072,131	3.0069%	\$10,333,443	2.126 ¢	\$10,324,276
	1,124,523,773		\$25,958,594		\$24,226,742		\$24,226,827
						Change	-\$1,731,767
Schedule 15, Outdoor Area Lighting Service							
Secondary Voltage							
All kWh, per kWh	8,880,371	2.182 ¢	\$193,850	0.0526%	\$180,917	2.037 ¢	\$180,937
	8,880,371		\$193,850		\$180,917		\$180,937
						Change	-\$12,913
Schedule 50, Mercury Vapor Street Lighting Service							
Secondary Voltage							
All kWh, per kWh	7,832,744	1.799 ¢	\$141,084	0.0383%	\$131,672	1.681 ¢	\$131,848
	7,832,744		\$141,084		\$131,672		\$131,848
						Change	-\$9,236
Schedule 51, Street Lighting Service, Company-Owned System							
Secondary Voltage							
All kWh, per kWh	19,135,009	2.838 ¢	\$543,053	0.1475%	\$506,822	2.649 ¢	\$507,496
	19,135,009		\$543,053		\$506,822		\$507,496
						Change	-\$35,557
Schedule 52, Street Lighting Service, Company-Owned System							
Secondary Voltage							
All kWh, per kWh	989,748	2.174 ¢	\$21,517	0.0058%	\$20,082	2.029 ¢	\$20,082
	989,748		\$21,517		\$20,082		\$20,082
						Change	-\$1,435
Schedule 53, Street Lighting Service, Consumer-Owned System							
Secondary Voltage							
All kWh, per kWh	11,893,740	0.926 ¢	\$110,136	0.0299%	\$102,788	0.864 ¢	\$102,762
	11,893,740		\$110,136		\$102,788		\$102,762
						Change	-\$7,374
Schedule 54, Recreational Field Lighting							
Secondary Voltage							
All kWh, per kWh	1,383,326	1.599 ¢	\$22,119	0.0060%	\$20,643	1.492 ¢	\$20,639
	1,383,326		\$22,119		\$20,643		\$20,639
						Change	-\$1,480
Total before Employee Discount			\$369,386,092	100.0000%	\$344,742,344		\$344,739,557
Employee Discount			-\$124,536		-\$116,217		-\$116,217
TOTAL		13,576,444,413	\$369,261,556		\$344,626,127		\$344,623,340
						Change	-\$24,638,216
Schedule 47 Unscheduled kWh		2,664,418					
Total Forecast kWh		13,579,108,831					

PACIFIC POWER
STATE OF OREGON
TAM Schedule 205 - TAM Adjustment for Other Revenues
Proposed Rates and Revenues
Forecast 12 Months Ending December 31, 2020

Rate Schedule	Forecast Energy	Present	Generation	Proposed Adj. to Schedule 205		Total
		Schedule 205	Based	Rates	Revenues	Proposed
		Rates	Rate Spread	Rates		Schedule 205
Schedule 4, Residential						
First Block kWh (0-1,000)	4,004,325,448	0.019 ¢	28.4807%	0.000 ¢	\$0	0.019 ¢
Second Block kWh (> 1,000)	1,412,584,596	0.026 ¢	13.7297%	0.001 ¢	\$14,126	0.027 ¢
	<u>5,416,910,044</u>				<u>\$14,126</u>	
Employee Discount						
First Block kWh (0-1,000)	11,574,326			0.000 ¢	\$0	
Second Block kWh (> 1,000)	5,448,813			0.001 ¢	\$54	
	<u>17,023,139</u>				<u>\$54</u>	
Discount					<u>-\$14</u>	
Schedule 23, Small General Service						
Secondary Voltage						
1st 3,000 kWh, per kWh	896,080,332	0.022 ¢	7.0620%	0.001 ¢	\$8,961	0.023 ¢
All additional kWh, per kWh	240,447,898	0.016 ¢	1.4046%	0.001 ¢	\$2,404	0.017 ¢
	<u>1,136,528,230</u>				<u>\$11,365</u>	
Primary Voltage						
1st 3,000 kWh, per kWh	750,730	0.021 ¢	0.0057%	0.001 ¢	\$8	0.022 ¢
All additional kWh, per kWh	326,780	0.015 ¢	0.0019%	0.001 ¢	\$3	0.016 ¢
	<u>1,077,510</u>				<u>\$11</u>	
Schedule 28, General Service 31-200kW						
Secondary Voltage						
1st 20,000 kWh, per kWh	1,424,579,038	0.020 ¢	10.9796%	0.001 ¢	\$14,246	0.021 ¢
All additional kWh, per kWh	581,528,275	0.019 ¢	4.3556%	0.001 ¢	\$5,815	0.020 ¢
	<u>2,006,107,313</u>				<u>\$20,061</u>	
Primary Voltage						
1st 20,000 kWh, per kWh	9,700,334	0.020 ¢	0.0719%	0.001 ¢	\$97	0.021 ¢
All additional kWh, per kWh	8,760,429	0.019 ¢	0.0632%	0.001 ¢	\$88	0.020 ¢
	<u>18,460,763</u>				<u>\$185</u>	
Schedule 30, General Service 201-999kW						
Secondary Voltage						
1st 20,000 kWh, per kWh	177,461,657	0.022 ¢	1.4617%	0.001 ¢	\$1,775	0.023 ¢
All additional kWh, per kWh	1,052,282,240	0.019 ¢	7.5129%	0.001 ¢	\$10,523	0.020 ¢
	<u>1,229,743,897</u>				<u>\$12,298</u>	
Primary Voltage						
1st 20,000 kWh, per kWh	12,092,595	0.021 ¢	0.0985%	0.001 ¢	\$121	0.022 ¢
All additional kWh, per kWh	78,313,160	0.019 ¢	0.5515%	0.001 ¢	\$783	0.020 ¢
	<u>90,405,755</u>				<u>\$904</u>	
Schedule 41, Agricultural Pumping Service						
Secondary Voltage						
Winter, 1st 100 kWh/kW, per kWh	2,889,434	0.029 ¢	0.0318%	0.001 ¢	\$29	0.030 ¢
Winter, All additional kWh, per kWh	2,402,914	0.020 ¢	0.0180%	0.001 ¢	\$24	0.021 ¢
Summer, All kWh, per kWh	215,037,274	0.020 ¢	1.6112%	0.001 ¢	\$2,150	0.021 ¢
	<u>220,329,622</u>				<u>\$2,203</u>	
Primary Voltage						
Winter, 1st 100 kWh/kW, per kWh	10,806	0.028 ¢	0.0001%	0.001 ¢	\$0	0.029 ¢
Winter, All additional kWh, per kWh	61,803	0.019 ¢	0.0004%	0.001 ¢	\$1	0.020 ¢
Summer, All kWh, per kWh	384,137	0.019 ¢	0.0028%	0.001 ¢	\$4	0.020 ¢
	<u>456,746</u>				<u>\$5</u>	
Schedule 47, Large General Service, Partial Requirements 1,000kW and over						
Primary Voltage						
On-Peak, per on-peak kWh	26,876,795	0.017 ¢		0.001 ¢	\$269	0.018 ¢
Off-Peak, per off-peak kWh	8,860,497	0.017 ¢		0.001 ¢	\$89	0.018 ¢
	<u>35,737,292</u>				<u>\$358</u>	
Transmission Voltage						
On-Peak, per on-peak kWh	5,408,018	0.016 ¢		0.001 ¢	\$54	0.017 ¢
Off-Peak, per off-peak kWh	6,693,672	0.016 ¢		0.001 ¢	\$67	0.017 ¢
	<u>12,101,690</u>				<u>\$121</u>	

**PACIFIC POWER
STATE OF OREGON
TAM Schedule 205 - TAM Adjustment for Other Revenues
Proposed Rates and Revenues
Forecast 12 Months Ending December 31, 2020**

Rate Schedule	Forecast Energy	Present Schedule 205 Rates	Generation Based Rate Spread	Proposed Adj. to Schedule 205 for Other Revenues		Total Proposed Schedule 205 Rates
				Rates	Revenues	
Schedule 48, Large General Service, 1,000kW and over						
Secondary Voltage						
On-Peak, per on-peak kWh	355,680,704	0.019 ¢	2.5829%	0.001 ¢	\$3,557	0.020 ¢
Off-Peak, per off-peak kWh	196,125,707	0.019 ¢	1.3976%	0.001 ¢	\$1,961	0.020 ¢
	<u>551,806,411</u>				<u>\$5,518</u>	
Primary Voltage						
On-Peak, per on-peak kWh	1,032,320,231	0.017 ¢	6.9555%	0.001 ¢	\$10,323	0.018 ¢
Off-Peak, per off-peak kWh	649,820,198	0.017 ¢	4.2901%	0.001 ¢	\$6,498	0.018 ¢
	<u>1,682,140,429</u>				<u>\$16,821</u>	
Transmission Voltage						
On-Peak, per on-peak kWh	638,904,002	0.016 ¢	4.0428%	0.001 ¢	\$6,389	0.017 ¢
Off-Peak, per off-peak kWh	485,619,771	0.016 ¢	3.0069%	0.001 ¢	\$4,856	0.017 ¢
	<u>1,124,523,773</u>				<u>\$11,245</u>	
Schedule 15, Outdoor Area Lighting Service						
Secondary Voltage						
All kWh, per kWh	8,880,371	0.016 ¢	0.0526%	0.001 ¢	\$89	0.017 ¢
	<u>8,880,371</u>				<u>\$89</u>	
Schedule 50, Mercury Vapor Street Lighting Service						
Secondary Voltage						
All kWh, per kWh	7,832,744	0.013 ¢	0.0383%	0.000 ¢	\$0	0.013 ¢
	<u>7,832,744</u>				<u>\$0</u>	
Schedule 51, Street Lighting Service, Company-Owned System						
Secondary Voltage						
All kWh, per kWh	19,135,009	0.019 ¢	0.1475%	0.001 ¢	\$191	0.020 ¢
	<u>19,135,009</u>				<u>\$191</u>	
Schedule 52, Street Lighting Service, Company-Owned System						
Secondary Voltage						
All kWh, per kWh	989,748	0.016 ¢	0.0058%	0.001 ¢	\$10	0.017 ¢
	<u>989,748</u>				<u>\$10</u>	
Schedule 53, Street Lighting Service, Consumer-Owned System						
Secondary Voltage						
All kWh, per kWh	11,893,740	0.007 ¢	0.0299%	0.000 ¢	\$0	0.007 ¢
	<u>11,893,740</u>				<u>\$0</u>	
Schedule 54, Recreational Field Lighting						
Secondary Voltage						
All kWh, per kWh	1,383,326	0.010 ¢	0.0060%	0.000 ¢	\$0	0.010 ¢
	<u>1,383,326</u>				<u>\$0</u>	
Total before Employee Discount			100.0000%		<u>\$95,511</u>	
Employee Discount					<u>-\$14</u>	
TOTAL	<u>13,576,444,413</u>				<u>\$95,498</u>	
Schedule 47 Unscheduled kWh	2,664,418					
Total Forecast kWh	13,579,108,831					

TAM

PACIFIC POWER
ESTIMATED EFFECT OF PROPOSED PRICE CHANGE
ON REVENUES FROM ELECTRIC SALES TO ULTIMATE CONSUMERS
DISTRIBUTED BY RATE SCHEDULES IN OREGON
FORECAST 12 MONTHS ENDING DECEMBER 31, 2020

Line No.	Description	Sch No.	No. of Cust	MWh	Present Revenues (\$000)		Proposed Revenues (\$000)			Change				Line No.	
					Base Rates	Adders ¹	Net Rates	Base Rates (\$000)	% ²	Net Rates (\$000)	% ²				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
						(5) + (6)			(8) + (9)	(8) - (5)	(11)/(5)	(10) - (7)	(13)/(7)		
<u>Residential</u>															
1	Residential	4	517,792	5,416,910	\$625,841	(\$20,908)	\$604,933	\$615,471	(\$20,908)	\$594,563	(\$10,370)	-1.7%	(\$10,370)	-1.7%	1
2	Total Residential		517,792	5,416,910	\$625,841	(\$20,908)	\$604,933	\$615,471	(\$20,908)	\$594,563	(\$10,370)	-1.7%	(\$10,370)	-1.7%	2
<u>Commercial & Industrial</u>															
3	Gen. Svc. < 31 kW	23	82,002	1,137,606	\$126,606	(\$149)	\$126,457	\$124,531	(\$149)	\$124,382	(\$2,075)	-1.6%	(\$2,075)	-1.6%	3
4	Gen. Svc. 31 - 200 kW	28	10,697	2,024,568	\$186,146	(\$4,212)	\$181,934	\$182,371	(\$4,212)	\$178,159	(\$3,775)	-2.0%	(\$3,775)	-2.1%	4
5	Gen. Svc. 201 - 999 kW	30	860	1,320,150	\$107,693	(\$3,075)	\$104,618	\$105,346	(\$3,075)	\$102,271	(\$2,347)	-2.2%	(\$2,347)	-2.2%	5
6	Large General Service >= 1,000 kW	48	196	3,358,471	\$236,075	(\$19,427)	\$216,648	\$230,641	(\$19,427)	\$211,214	(\$5,434)	-2.3%	(\$5,434)	-2.5%	6
7	Partial Req. Svc. >= 1,000 kW	47	6	50,503	\$5,702	(\$295)	\$5,407	\$5,625	(\$295)	\$5,330	(\$77)	-2.3%	(\$77)	-2.5%	7
8	Agricultural Pumping Service	41	7,931	220,786	\$25,751	(\$2,321)	\$23,430	\$25,344	(\$2,321)	\$23,023	(\$407)	-1.6%	(\$407)	-1.7%	8
9	Total Commercial & Industrial		101,692	8,112,084	\$687,973	(\$29,479)	\$658,494	\$673,858	(\$29,479)	\$644,379	(\$14,115)	-2.1%	(\$14,115)	-2.1%	9
<u>Lighting</u>															
10	Outdoor Area Lighting Service	15	6,215	8,880	\$1,145	\$161	\$1,306	\$1,132	\$161	\$1,293	(\$13)	-1.1%	(\$13)	-1.0%	10
11	Street Lighting Service	50	223	7,833	\$875	\$132	\$1,007	\$865	\$132	\$997	(\$10)	-1.1%	(\$10)	-1.0%	11
12	Street Lighting Service HPS	51	834	19,135	\$3,372	\$542	\$3,914	\$3,336	\$542	\$3,878	(\$36)	-1.1%	(\$36)	-0.9%	12
13	Street Lighting Service	52	35	990	\$130	\$16	\$146	\$128	\$16	\$144	(\$2)	-1.5%	(\$2)	-1.4%	13
14	Street Lighting Service	53	342	11,894	\$751	\$112	\$863	\$743	\$112	\$855	(\$8)	-1.1%	(\$8)	-0.9%	14
15	Recreational Field Lighting	54	104	1,383	\$115	\$17	\$132	\$114	\$17	\$131	(\$1)	-0.9%	(\$1)	-0.8%	15
16	Total Public Street Lighting		7,753	50,115	\$6,388	\$980	\$7,368	\$6,318	\$980	\$7,298	(\$70)	-1.1%	(\$70)	-1.0%	16
17	Total Sales before Emp. Disc. & AGA		627,237	13,579,109	\$1,320,202	(\$49,407)	\$1,270,795	\$1,295,647	(\$49,407)	\$1,246,240	(\$24,555)	-1.9%	(\$24,555)	-1.9%	17
18	Employee Discount				(\$486)	\$18	(\$468)	(\$478)	\$18	(\$460)	\$8		\$8		18
19	Total Sales with Emp. Disc		627,237	13,579,109	\$1,319,716	(\$49,389)	\$1,270,327	\$1,295,169	(\$49,389)	\$1,245,780	(\$24,547)	-1.9%	(\$24,547)	-1.9%	19
20	AGA Revenue				\$2,439		\$2,439	\$2,439		\$2,439	\$0		\$0		20
21	Total Sales		627,237	13,579,109	\$1,322,155	(\$49,389)	\$1,272,766	\$1,297,608	(\$49,389)	\$1,248,219	(\$24,547)	-1.9%	(\$24,547)	-1.9%	21

¹ Excludes effects of the Low Income Bill Payment Assistance Charge (Sch. 91), BPA Credit (Sch. 98), Klamath Dam Removal Surcharges (Sch. 199), Public Purpose Charge (Sch. 290) and Energy Conservation Charge (Sch. 297).

² Percentages shown for Schedules 48 and 47 reflect the combined rate change for both schedules

Attachment 5

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	\$19.75	\$19.57	(\$0.18)	-0.91%
200	\$29.01	\$28.65	(\$0.36)	-1.24%
300	\$38.27	\$37.73	(\$0.54)	-1.41%
400	\$47.53	\$46.81	(\$0.72)	-1.51%
500	\$56.81	\$55.91	(\$0.90)	-1.58%
600	\$66.08	\$65.00	(\$1.08)	-1.63%
700	\$75.34	\$74.08	(\$1.26)	-1.67%
800	\$84.61	\$83.16	(\$1.45)	-1.71%
850	\$89.24	\$87.70	(\$1.54)	-1.73%
900	\$93.86	\$92.25	(\$1.61)	-1.72%
1,000	\$103.14	\$101.34	(\$1.80)	-1.75%
1,100	\$115.57	\$113.52	(\$2.05)	-1.77%
1,200	\$127.98	\$125.70	(\$2.28)	-1.78%
1,300	\$140.42	\$137.88	(\$2.54)	-1.81%
1,400	\$152.84	\$150.06	(\$2.78)	-1.82%
1,500	\$165.27	\$162.24	(\$3.03)	-1.83%
1,600	\$177.69	\$174.42	(\$3.27)	-1.84%
2,000	\$227.39	\$223.14	(\$4.25)	-1.87%
3,000	\$351.65	\$344.94	(\$6.71)	-1.91%
4,000	\$475.90	\$466.75	(\$9.15)	-1.92%
5,000	\$600.16	\$588.55	(\$11.61)	-1.93%

* 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		
5	500	\$70	\$79	\$69	\$78	-1.42%	-1.26%
	750	\$96	\$105	\$94	\$103	-1.55%	-1.42%
	1,000	\$122	\$131	\$120	\$129	-1.63%	-1.51%
	1,500	\$174	\$183	\$171	\$180	-1.71%	-1.64%
10	1,000	\$122	\$131	\$120	\$129	-1.63%	-1.51%
	2,000	\$226	\$235	\$222	\$231	-1.76%	-1.70%
	3,000	\$330	\$339	\$324	\$333	-1.81%	-1.76%
	4,000	\$417	\$426	\$410	\$419	-1.78%	-1.74%
20	4,000	\$444	\$453	\$437	\$446	-1.67%	-1.64%
	6,000	\$619	\$628	\$609	\$617	-1.68%	-1.66%
	8,000	\$794	\$802	\$780	\$789	-1.68%	-1.66%
	10,000	\$968	\$977	\$952	\$961	-1.68%	-1.67%
30	9,000	\$935	\$944	\$920	\$929	-1.58%	-1.57%
	12,000	\$1,197	\$1,205	\$1,177	\$1,186	-1.61%	-1.59%
	15,000	\$1,459	\$1,467	\$1,435	\$1,444	-1.62%	-1.61%
	18,000	\$1,721	\$1,729	\$1,693	\$1,701	-1.63%	-1.62%

* 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		
5	500	\$68	\$77	\$67	\$76	-1.40%	-1.24%
	750	\$94	\$103	\$92	\$101	-1.53%	-1.40%
	1,000	\$119	\$128	\$117	\$126	-1.60%	-1.50%
	1,500	\$170	\$178	\$167	\$176	-1.69%	-1.61%
10	1,000	\$119	\$128	\$117	\$126	-1.60%	-1.50%
	2,000	\$220	\$229	\$216	\$225	-1.74%	-1.67%
	3,000	\$321	\$330	\$316	\$324	-1.79%	-1.74%
	4,000	\$406	\$415	\$399	\$408	-1.76%	-1.73%
20	4,000	\$433	\$441	\$425	\$434	-1.66%	-1.62%
	6,000	\$603	\$611	\$593	\$601	-1.66%	-1.64%
	8,000	\$772	\$781	\$760	\$768	-1.66%	-1.65%
	10,000	\$942	\$951	\$927	\$935	-1.67%	-1.65%
30	9,000	\$910	\$919	\$896	\$905	-1.57%	-1.55%
	12,000	\$1,165	\$1,174	\$1,146	\$1,155	-1.59%	-1.58%
	15,000	\$1,420	\$1,429	\$1,397	\$1,406	-1.61%	-1.60%
	18,000	\$1,675	\$1,683	\$1,647	\$1,656	-1.62%	-1.61%

* 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	\$341	\$335	-1.70%
	4,500	\$450	\$441	-1.94%
	7,500	\$666	\$652	-2.18%
31	6,200	\$686	\$674	-1.75%
	9,300	\$910	\$892	-1.98%
	15,500	\$1,357	\$1,327	-2.21%
40	8,000	\$879	\$864	-1.76%
	12,000	\$1,168	\$1,145	-1.99%
	20,000	\$1,746	\$1,707	-2.22%
60	12,000	\$1,311	\$1,287	-1.77%
	18,000	\$1,744	\$1,709	-2.00%
	30,000	\$2,594	\$2,536	-2.22%
80	16,000	\$1,736	\$1,705	-1.79%
	24,000	\$2,307	\$2,260	-2.01%
	40,000	\$3,435	\$3,358	-2.22%
100	20,000	\$2,161	\$2,122	-1.79%
	30,000	\$2,866	\$2,808	-2.01%
	50,000	\$4,276	\$4,181	-2.23%
200	40,000	\$4,228	\$4,152	-1.81%
	60,000	\$5,638	\$5,524	-2.02%
	100,000	\$8,459	\$8,269	-2.24%

* 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	\$437	\$428	-1.92%
	6,000	\$535	\$524	-2.09%
	7,500	\$634	\$620	-2.21%
31	9,300	\$876	\$859	-1.98%
	12,400	\$1,080	\$1,056	-2.14%
	15,500	\$1,283	\$1,254	-2.25%
40	12,000	\$1,123	\$1,101	-1.99%
	16,000	\$1,386	\$1,356	-2.15%
	20,000	\$1,648	\$1,611	-2.26%
60	18,000	\$1,675	\$1,641	-2.00%
	24,000	\$2,062	\$2,017	-2.16%
	30,000	\$2,446	\$2,391	-2.27%
80	24,000	\$2,212	\$2,168	-2.01%
	32,000	\$2,724	\$2,665	-2.17%
	40,000	\$3,236	\$3,163	-2.27%
100	30,000	\$2,747	\$2,691	-2.02%
	40,000	\$3,387	\$3,313	-2.17%
	50,000	\$4,027	\$3,935	-2.28%
200	60,000	\$5,383	\$5,273	-2.04%
	80,000	\$6,663	\$6,517	-2.19%
	100,000	\$7,943	\$7,760	-2.30%

* 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	\$2,600	\$2,558	-1.59%
	30,000	\$3,167	\$3,108	-1.87%
	50,000	\$4,302	\$4,207	-2.21%
200	40,000	\$4,555	\$4,478	-1.70%
	60,000	\$5,690	\$5,577	-1.99%
	100,000	\$7,960	\$7,776	-2.32%
300	60,000	\$6,681	\$6,568	-1.69%
	90,000	\$8,383	\$8,217	-1.99%
	150,000	\$11,788	\$11,514	-2.33%
400	80,000	\$8,688	\$8,539	-1.71%
	120,000	\$10,958	\$10,737	-2.01%
	200,000	\$15,498	\$15,134	-2.35%
500	100,000	\$10,726	\$10,541	-1.72%
	150,000	\$13,563	\$13,289	-2.02%
	250,000	\$19,238	\$18,785	-2.36%
600	120,000	\$12,764	\$12,543	-1.73%
	180,000	\$16,169	\$15,841	-2.03%
	300,000	\$22,979	\$22,436	-2.36%
800	160,000	\$16,840	\$16,548	-1.74%
	240,000	\$21,380	\$20,944	-2.04%
	400,000	\$30,460	\$29,738	-2.37%
1000	200,000	\$20,916	\$20,552	-1.74%
	300,000	\$26,591	\$26,048	-2.04%
	500,000	\$37,941	\$37,039	-2.38%

* 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	\$3,104	\$3,046	-1.89%
	40,000	\$3,661	\$3,584	-2.09%
	50,000	\$4,217	\$4,123	-2.23%
200	60,000	\$5,580	\$5,468	-2.00%
	80,000	\$6,692	\$6,545	-2.20%
	100,000	\$7,805	\$7,622	-2.34%
300	90,000	\$8,216	\$8,051	-2.01%
	120,000	\$9,884	\$9,666	-2.21%
	150,000	\$11,553	\$11,281	-2.35%
400	120,000	\$10,756	\$10,538	-2.03%
	160,000	\$12,981	\$12,692	-2.23%
	200,000	\$15,205	\$14,846	-2.37%
500	150,000	\$13,309	\$13,038	-2.04%
	200,000	\$16,090	\$15,730	-2.24%
	250,000	\$18,871	\$18,422	-2.38%
600	180,000	\$15,862	\$15,538	-2.05%
	240,000	\$19,199	\$18,768	-2.24%
	300,000	\$22,536	\$21,999	-2.38%
800	240,000	\$20,968	\$20,537	-2.05%
	320,000	\$25,417	\$24,845	-2.25%
	400,000	\$29,867	\$29,152	-2.39%
1000	300,000	\$26,074	\$25,537	-2.06%
	400,000	\$31,636	\$30,921	-2.26%
	500,000	\$37,197	\$36,306	-2.40%

* 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*			Percent Difference		
kW		April - November	December- March	Annual Load Size	April - November	December- March	Annual Load Size	April - November	December- March	Annual Load Size
Load Size	kWh	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge
<u>Single Phase</u>										
10	2,000	\$183	\$212	\$155	\$179	\$207	\$155	-2.06%	-2.20%	0.00%
	3,000	\$275	\$303	\$155	\$269	\$297	\$155	-2.06%	-2.16%	0.00%
	5,000	\$458	\$486	\$155	\$448	\$476	\$155	-2.06%	-2.12%	0.00%
<u>Three Phase</u>										
20	4,000	\$366	\$423	\$309	\$359	\$414	\$309	-2.06%	-2.20%	0.00%
	6,000	\$549	\$606	\$309	\$538	\$593	\$309	-2.06%	-2.16%	0.00%
	10,000	\$915	\$972	\$309	\$896	\$952	\$309	-2.06%	-2.12%	0.00%
100	20,000	\$1,830	\$2,116	\$1,349	\$1,793	\$2,070	\$1,349	-2.06%	-2.20%	0.00%
	30,000	\$2,746	\$3,031	\$1,349	\$2,689	\$2,966	\$1,349	-2.06%	-2.16%	0.00%
	50,000	\$4,576	\$4,862	\$1,349	\$4,482	\$4,759	\$1,349	-2.06%	-2.12%	0.00%
300	60,000	\$5,491	\$6,349	\$3,409	\$5,378	\$6,209	\$3,409	-2.06%	-2.20%	0.00%
	90,000	\$8,237	\$9,094	\$3,409	\$8,068	\$8,898	\$3,409	-2.06%	-2.16%	0.00%
	150,000	\$13,729	\$14,586	\$3,409	\$13,446	\$14,276	\$3,409	-2.06%	-2.12%	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

		Present Price*			Proposed Price*			Percent Difference		
kW		April -	December-	Annual	April -	December-	Annual	April -	December-	Annual
Load Size	kWh	November	March	Load Size	November	March	Load Size	November	March	Load Size
		Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge	Monthly Bill	Monthly Bill	Charge
<u>Single Phase</u>										
10	3,000	\$265	\$293	\$155	\$260	\$287	\$155	-2.06%	-2.17%	0.00%
	4,000	\$354	\$382	\$155	\$347	\$373	\$155	-2.06%	-2.15%	0.00%
	5,000	\$442	\$470	\$155	\$433	\$460	\$155	-2.06%	-2.13%	0.00%
<u>Three Phase</u>										
20	6,000	\$531	\$586	\$309	\$520	\$573	\$309	-2.06%	-2.18%	0.00%
	8,000	\$708	\$763	\$309	\$693	\$747	\$309	-2.06%	-2.15%	0.00%
	10,000	\$885	\$940	\$309	\$866	\$920	\$309	-2.06%	-2.13%	0.00%
100	30,000	\$2,654	\$2,931	\$1,339	\$2,599	\$2,867	\$1,339	-2.06%	-2.18%	0.00%
	40,000	\$3,539	\$3,815	\$1,339	\$3,466	\$3,733	\$1,339	-2.06%	-2.15%	0.00%
	50,000	\$4,423	\$4,700	\$1,339	\$4,332	\$4,600	\$1,339	-2.06%	-2.13%	0.00%
300	90,000	\$7,962	\$8,792	\$3,399	\$7,798	\$8,601	\$3,399	-2.06%	-2.18%	0.00%
	120,000	\$10,616	\$11,446	\$3,399	\$10,397	\$11,200	\$3,399	-2.06%	-2.15%	0.00%
	150,000	\$13,270	\$14,100	\$3,399	\$12,996	\$13,799	\$3,399	-2.06%	-2.13%	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	\$26,005	\$25,461	-2.09%
	500,000	\$36,919	\$36,013	-2.46%
	650,000	\$45,104	\$43,926	-2.61%
2,000	600,000	\$51,578	\$50,490	-2.11%
	1,000,000	\$71,155	\$69,342	-2.55%
	1,300,000	\$86,701	\$84,344	-2.72%
6,000	1,800,000	\$149,501	\$146,238	-2.18%
	3,000,000	\$211,683	\$206,245	-2.57%
	3,900,000	\$258,320	\$251,250	-2.74%
12,000	3,600,000	\$297,677	\$291,151	-2.19%
	6,000,000	\$422,042	\$411,165	-2.58%
	7,800,000	\$515,315	\$501,176	-2.74%

Notes:

On-Peak kWh 64.46%
Off-Peak kWh 35.54%

* 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	\$24,554	\$24,050	-2.05%
	500,000	\$34,649	\$33,810	-2.42%
	650,000	\$42,221	\$41,130	-2.58%
2,000	600,000	\$48,634	\$47,626	-2.07%
	1,000,000	\$66,575	\$64,896	-2.52%
	1,300,000	\$80,894	\$78,711	-2.70%
6,000	1,800,000	\$140,266	\$137,244	-2.15%
	3,000,000	\$197,540	\$192,504	-2.55%
	3,900,000	\$240,496	\$233,948	-2.72%
12,000	3,600,000	\$279,177	\$273,133	-2.16%
	6,000,000	\$393,726	\$383,652	-2.56%
	7,800,000	\$479,637	\$466,542	-2.73%

Notes:

On-Peak kWh 61.37%
Off-Peak kWh 38.63%

* 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	\$34,344	\$33,556	-2.29%
	650,000	\$41,366	\$40,342	-2.48%
2,000	1,000,000	\$65,552	\$63,976	-2.40%
	1,300,000	\$78,772	\$76,723	-2.60%
6,000	3,000,000	\$194,645	\$189,918	-2.43%
	3,900,000	\$234,305	\$228,159	-2.62%
12,000	6,000,000	\$387,143	\$377,688	-2.44%
	7,800,000	\$466,462	\$454,170	-2.64%
50,000	25,000,000	\$1,606,294	\$1,566,896	-2.45%
	32,500,000	\$1,936,791	\$1,885,575	-2.64%

Notes:

On-Peak kWh 56.82%

Off-Peak kWh 43.18%

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