

November 15, 2017

***VIA ELECTRONIC FILING***

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

Attn: Filing Center

**RE: Advice No. 17-006—Docket UE 323—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. 17-444 and includes a January 1, 2018 effective date.

Eighth Revision of Sheet No. 201-1	Schedule 201	Net Power Costs Cost-Based Supply Service
Eighth Revision of Sheet No. 201-2	Schedule 201	Net Power Costs Cost-Based Supply Service
Eighth Revision of Sheet No. 201-3	Schedule 201	Net Power Costs Cost-Based Supply Service
Seventh Revision of Sheet No. 203	Schedule 203	Renewable Resource Deferral Supply Service Adjustment
Sixth Revision of Sheet No. 205-1	Schedule 205	TAM Adjustment for Other Revenues
Sixth Revision of Sheet No. 205-2	Schedule 205	TAM Adjustment for Other Revenues
Sixth Revision of Sheet No. 205-3	Schedule 205	TAM Adjustment for Other Revenues
Ninth Revision of Sheet No. 220-1	Schedule 220	Standard Offer Supply Service
Eighth Revision of Sheet No. 294-2	Schedule 294	Transition Adjustment
Eighth Revision of Sheet No. 295-2	Schedule 295	Transition Adjustment Three-Year Cost of Service Opt-Out
Third Revision of Sheet No. 296-3	Schedule 296	Transition Adjustment Five-Year Cost of Service Opt-Out
Original Sheet No. 296-4	Schedule 296	Transition Adjustment Five-Year Cost of Service Opt-Out

This filing sets net power costs (NPC) for 2018 and the final transition adjustments for the 2018 direct access options, consistent with Order No. 17-444 in Docket UE 323.

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

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Attachment 1—Summary of NPC Updates from November 8, 2017 Indicative Filing  
Attachment 2—Description of the NPC Updates  
Attachment 3—Final Update to NPC Allocation  
Attachment 4—TAM Rate Spread, Rate Calculation, and Estimated Rate Impact

Attachment 3 shows Oregon-allocated NPC for 2018 are forecast to be \$349.4 million. Attachment 4 shows the rate spread, rates, and rate impact by rate schedule of the final proposed rate change.

This proposed change will affect approximately 606,000 customers, and will result in an overall annual rate increase of approximately \$2.0 million or 0.2 percent. Residential customers using 900 kWh per month would see a monthly bill increase of \$0.14 per month as a result of this change.

PacifiCorp has posted to Huddle the NPC updates and workpapers. Confidential information is provided subject to the protective order in this proceeding.

If you have any questions please contact Natasha Siores at (503) 813-6583.

Sincerely,

A handwritten signature in black ink, appearing to read 'Etta Lockey', with a long, sweeping horizontal line extending to the right.

Etta Lockey  
Vice President, Regulation

Enclosures

## CERTIFICATE OF SERVICE

I certify that I served 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 323

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Dated this 15<sup>th</sup> day of November, 2017.




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Katie Savarin  
Coordinator, Regulatory Operations

**REVISED TARIFF SHEETS**

**NET POWER COSTS  
 COST-BASED SUPPLY SERVICE**
**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>			
			<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
4	Per kWh	0-1000 kWh > 1000 kWh	2.624¢ 3.585¢			(l)
5	Per kWh	0-1000 kWh > 1000 kWh	2.624¢ 3.585¢			(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	First 3,000 kWh, per kWh All additional kWh, per kWh		2.906¢ 2.155¢	2.815¢ 2.088¢		(l)
28	First 20,000 kWh, per kWh All additional kWh, per kWh		2.842¢ 2.763¢	2.736¢ 2.663¢		(l)
30	First 20,000 kWh, per kWh All additional kWh, per kWh		3.038¢ 2.634¢	3.005¢ 2.597¢		(l)
41	Winter, first 100 kWh/kW, per kWh Winter, all additional kWh, per kWh Summer, all kWh, per kWh		4.058¢ 2.765¢ 2.765¢	3.922¢ 2.678¢ 2.678¢		(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.

(continued)

**NET POWER COSTS  
COST-BASED SUPPLY SERVICE**
**Monthly Billing (continued)**

<u>Delivery Service Schedule No.</u>		<u>Delivery Voltage</u>			
		<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
47/48	Per kWh On-Peak	2.679¢	2.485¢	2.334¢	(1)
	Per kWh, Off-Peak	2.629¢	2.435¢	2.284¢	(1)

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	2.178¢			(1)
	For dusk to midnight operation, per kWh	2.178¢			(1)
54	Per kWh	1.602¢			(1)

15	<u>Type of Luminaire</u>	<u>Nominal Rating</u>	<u>Monthly kWh</u>	<u>RatePer Luminaire</u>	
	Mercury Vapor	7,000	76	\$ 1.66	(1)
	Mercury Vapor	21,000	172	\$ 3.76	
	Mercury Vapor	55,000	412	\$ 9.01	
	High Pressure Sodium	5,800	31	\$ 0.68	
	High Pressure Sodium	22,000	85	\$ 1.86	
	High Pressure Sodium	50,000	176	\$ 3.85	(1)

**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> (Monthly 76 kWh)	<u>21,000</u> (Monthly 172 kWh)	<u>55,000</u> (Monthly 412 kWh)	
Horizontal, per lamp	\$1.37	\$3.10	\$7.43	(1)
Vertical, per lamp	\$1.37	\$3.10		(1)

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

<u>Nominal Lumen Rating</u>	<u>7,000</u> (Monthly 76 kWh)	<u>21,000</u> (Monthly 172 kWh)	<u>55,000</u> (Monthly 412 kWh)	
On 26-foot poles, horizontal, per lamp	\$1.37			(1)
On 26-foot poles, vertical, per lamp	\$1.37			
On 30-foot poles, horizontal, per lamp		\$3.10		
On 30-foot poles, vertical, per lamp		\$3.10		
On 33-foot poles, horizontal, per lamp			\$7.43	(1)

(continued)

**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	\$1.37			(I)
On 26-foot poles, vertical, per lamp	\$1.37			
On 30-foot poles, horizontal, per lamp		\$3.10		
On 30-foot poles, vertical, per lamp		\$3.10		
On 33-foot poles, horizontal, per lamp			\$7.43	(I)

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)		\$0.54	(I)
LED	6,200	150 (comp)		\$0.77	
LED	13,000	250 (comp)		\$1.45	
LED	16,800	400 (comp)		\$1.96	
High Pressure Sodium	5,800	70	31	\$0.88	
High Pressure Sodium	9,500	100	44	\$1.25	
High Pressure Sodium	16,000	150	64	\$1.82	
High Pressure Sodium	22,000	200	85	\$2.42	
High Pressure Sodium	27,500	250	115	\$3.27	
High Pressure Sodium	50,000	400	176	\$5.00	
Metal Halide	12,000	175	68	\$1.93	
Metal Halide	19,500	250	94	\$2.67	(I)

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	\$0.29	
High Pressure Sodium	9,500	100	44	\$0.41	
High Pressure Sodium	16,000	150	64	\$0.59	
High Pressure Sodium	22,000	200	85	\$0.79	(I)
High Pressure Sodium	27,500	250	115	\$1.07	
High Pressure Sodium	50,000	400	176	\$1.63	(I)
Metal Halide	9,000	100	39	\$0.36	
Metal Halide	12,000	175	68	\$0.63	
Metal Halide	19,500	250	94	\$0.87	
Metal Halide	32,000	400	149	\$1.38	(I)
Metal Halide	107,800	1,000	354	\$3.29	(I)
Non-Listed Luminaire, per kWh			0.928¢		(I)

(continued)



**RENEWABLE RESOURCE DEFERRAL  
SUPPLY SERVICE ADJUSTMENT****Purpose**

This schedule recovers the costs deferred for renewable resources as authorized by the Commission.

**Applicable**

To all Residential consumers and Nonresidential consumers except consumers who elected service under the five-year cost of service opt-out program described in Schedule 296 before November 2017.

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**Energy Charge**

The adjustment rate is listed below by Delivery Service Schedule.

<u>Schedule</u>	<u>Charge</u>
4	0.005 cents per kWh
5	0.005 cents per kWh
15	0.004 cents per kWh
23, 723	0.005 cents per kWh
28, 728	0.005 cents per kWh
30, 730	0.005 cents per kWh
41, 741	0.005 cents per kWh
47, 747	0.005 cents per kWh
48, 748	0.005 cents per kWh
50	0.003 cents per kWh
51, 751	0.005 cents per kWh
52, 752	0.004 cents per kWh
53, 753	0.002 cents per kWh
54, 754	0.003 cents per kWh

**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	0.019¢			(R)
		> 1000 kWh	0.026¢			(R)
5	Per kWh	0-1000 kWh	0.019¢			(R)
		> 1000 kWh	0.026¢			(R)
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		0.022¢	0.021¢		(R)
	All additional kWh, per kWh		0.016¢	0.015¢		(R)
28, 728	First 20,000 kWh, per kWh		0.020¢	0.020¢		(R)
	All additional kWh, per kWh		0.019¢	0.019¢		(R)
30, 730	First 20,000 kWh, per kWh		0.022¢	0.021¢		(R)
	All additional kWh, per kWh		0.019¢	0.019¢		(R)
41, 741	Winter, first 100 kWh/kW, per kWh		0.029¢	0.028¢		
	Winter, all additional kWh, per kWh		0.020¢	0.019¢		(R)
	Summer, all kWh, per kWh		0.020¢	0.019¢		(R)
						(R)

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)

**TAM ADJUSTMENT FOR OTHER REVENUES**

Page 2

**Energy Charge (continued)**

<u>Delivery Service Schedule No.</u>	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
47/48 Per kWh On-Peak	0.019¢	0.017¢	0.016¢	(R)
747/748 Per kWh, Off-Peak	0.019¢	0.017¢	0.016¢	(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, 752 For dusk to dawn operation, per kWh	0.016¢	(R)
For dusk to midnight operation, per kWh	0.016¢	(R)
54,754 Per kWh	0.010¢	(R)

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	\$0.00	(R)
	High Pressure Sodium	22,000	85	\$0.01	(R)
	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	(R)
Vertical, per lamp	\$0.01	\$0.02		(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	\$0.01			
On 26-foot poles, vertical, per lamp	\$0.01			
On 30-foot poles, horizontal, per lamp		\$0.02		(R)
On 30-foot poles, vertical, per lamp		\$0.02		(R)
On 33-foot poles, horizontal, per lamp			\$0.05	(R)

(continued)

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

<b><u>Nominal Lumen Rating</u></b>	<b><u>7,000</u></b>	<b><u>21,000</u></b>	<b><u>55,000</u></b>	
	(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		(R)
On 30-foot poles, vertical, per lamp		\$0.02		(R)
On 33-foot poles, horizontal, per lamp			\$0.05	(R)

<b>51, 751 <u>Types of Luminaire</u></b>	<b><u>Nominal rating</u></b>	<b><u>Watts</u></b>	<b><u>Monthly kWh</u></b>	<b><u>Rate Per Luminaire</u></b>	
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	(R)
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	(R)
High Pressure Sodium	50,000	400	176	\$0.03	(R)
Metal Halide	12,000	175	68	\$0.01	
Metal Halide	19,500	250	94	\$0.02	

<b>53, 753 <u>Types of Luminaire</u></b>	<b><u>Nominal rating</u></b>	<b><u>Watts</u></b>	<b><u>Monthly kWh</u></b>	<b><u>Rate Per Luminaire</u></b>	
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	(R)
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	(R)
Metal Halide	19,500	250	94	\$0.01	
Metal Halide	32,000	400	149	\$0.01	(R)
Metal Halide	107,800	1,000	354	\$0.02	(R)
Non-Listed Luminaire, per kWh			0.007¢		(R)

**STANDARD OFFER SUPPLY SERVICE**
**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	4.43%		COB	6.72%	(C)
DSW	9.88%		DSW	6.43%	(C)
Mid C	51.38%		Mid C	35.94%	(C)
SP15	0.00%		SP15	0.00%	
Thermal	34.31%	\$24.34/MWh	Thermal	50.91%	\$23.22/MWh (C)
Total	100%		Total	100%	

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**
**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-18	-0.922	-0.789	-1.131	-0.932	-1.241	-0.807	-1.364	-0.950	-1.397	-0.942
Feb-18	-0.163	-0.210	-0.290	-0.299	-0.072	-0.088	-0.197	-0.191	-0.204	-0.215
Mar-18	0.047	0.151	-0.214	0.165	0.078	0.177	-0.037	0.041	-0.027	0.078
Apr-18	0.579	0.832	0.483	0.666	0.653	0.905	0.597	0.682	0.539	0.777
May-18	1.038	1.223	0.943	1.010	1.116	1.284	0.967	1.083	0.982	1.159
Jun-18	0.523	0.761	0.412	0.839	0.581	0.823	0.354	0.783	0.464	0.750
Jul-18	-1.352	0.365	-1.404	0.560	-1.248	0.453	-1.382	0.552	-1.349	0.284
Aug-18	-0.302	-0.933	-1.114	-1.055	-0.240	-0.856	-1.187	-0.905	-0.319	-0.960
Sep-18	-0.291	-0.749	-0.777	-0.892	-0.237	-0.662	-0.717	-0.837	-0.357	-0.793
Oct-18	-0.014	-0.254	-0.075	-0.467	0.022	-0.206	0.061	-0.345	-0.081	-0.336
Nov-18	-0.048	-0.526	-0.260	-0.366	0.043	-0.105	-0.045	-0.592	-0.013	-0.166
Dec-18	-0.963	-0.766	-0.746	-0.905	-0.864	-0.645	-1.004	-0.809	-1.009	-0.778

	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-18	-1.022	-0.946					-1.568	-0.872	-1.548	-1.077
Feb-18	-0.303	-0.297					0.253	-0.144	-0.383	-0.489
Mar-18	-0.028	0.027					-0.233	0.373	-0.289	-0.119
Apr-18	0.505	0.733	0.168	0.180	0.091	0.104	0.575	0.685	0.279	0.570
May-18	0.943	1.114	1.004	1.167	0.928	1.090	0.942	1.070	0.747	0.885
Jun-18	0.410	0.635	0.388	0.825	0.311	0.748	0.166	0.831	0.229	0.563
Jul-18	-1.414	0.328	-1.291	-0.134	-1.367	-0.210	-1.317	-0.131	-1.576	-0.040
Aug-18	-0.252	-1.045	-0.591	-0.787	-0.667	-0.863	-0.646	-0.928	-0.455	-1.175
Sep-18	-0.383	-0.871	-0.314	-0.677	-0.390	-0.753	-0.286	-0.827	-0.578	-1.042
Oct-18	-0.138	-0.372	0.038	-0.250	-0.039	-0.326	-0.065	-0.378	-0.293	-0.590
Nov-18	-0.132	-0.266					0.478	-0.372	-0.247	-0.453
Dec-18	-1.058	-0.835					-0.915	-0.816	-1.196	-1.006

	47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-18	-1.507	-1.096	-1.092	-0.643	-1.772	-1.323	-3.050	-2.602	-2.361	-1.913
Feb-18	-0.492	-0.553	-0.051	-0.114	-0.731	-0.794	-2.010	-2.073	-1.320	-1.384
Mar-18	-0.375	-0.169	0.091	0.293	-0.589	-0.387	-1.867	-1.665	-1.178	-0.976
Apr-18	0.217	0.479	0.690	0.949	0.010	0.269	-1.269	-1.010	-0.579	-0.320
May-18	0.649	0.778	1.130	1.266	0.450	0.586	-0.829	-0.693	-0.140	-0.003
Jun-18	0.141	0.469	0.601	0.947	-0.079	0.267	-1.358	-1.012	-0.668	-0.322
Jul-18	-1.583	0.006	-1.165	0.435	-1.845	-0.245	-3.124	-1.524	-2.434	-0.835
Aug-18	-0.287	-1.177	0.130	-0.749	-0.550	-1.429	-1.829	-2.708	-1.139	-2.018
Sep-18	-0.626	-1.108	-0.186	-0.667	-0.866	-1.347	-2.145	-2.626	-1.455	-1.937
Oct-18	-0.339	-0.646	0.116	-0.196	-0.564	-0.876	-1.843	-2.154	-1.153	-1.465
Nov-18	-0.335	-0.485	0.126	-0.393	-0.554	-1.073	-1.833	-2.352	-1.143	-1.662
Dec-18	-1.208	-1.059	-0.754	-0.645	-1.434	-1.325	-2.713	-2.604	-2.024	-1.915

(C)

(C)

**TRANSITION ADJUSTMENT  
THREE-YEAR COST OF SERVICE OPT-OUT**
**Three-Year Option - Transition Adjustments (cents/kWh)**
**Adjustments for Consumers Electing This Option for 2016-2018 (No New Service)**

(D)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2016	0.124	0.180	0.108	0.145
2017	-0.196	0.120	-0.224	0.073
2018	-0.292	-0.043	-0.340	-0.093

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2016	-0.112	0.083	-0.128	-0.055	-0.193	-0.102
2017	-0.238	0.183	-0.448	-0.138	-0.495	-0.216
2018	-0.298	-0.046	-0.557	-0.266	-0.621	-0.331

**Adjustments for Consumers Electing This Option for 2017-2019 (No New Service)**

(C)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2017	-0.174	-0.245	-0.220	-0.285
2018	-0.389	-0.429	-0.434	-0.466
2019	-0.366	-0.480	-0.448	-0.506

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2017	-0.194	-0.216	-0.425	-0.480	-0.469	-0.575
2018	-0.496	-0.603	-0.654	-0.693	-0.697	-0.713
2019	-0.643	-0.717	-0.617	-0.717	-0.702	-0.722

**Adjustments for Consumers Electing This Option for 2018-2020**

(N)

	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

(N)

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

The Monthly Billing will be the Transition Adjustments plus the Consumer Opt-Out Charge as specified below by Delivery Service Schedule.

**Adjustments for Consumers Electing This Option for Service Beginning January 1, 2016 (No New Service)**
**Transition Adjustments (cents/kWh)**

	<b>730 Secondary</b>	<b>730 Primary</b>	<b>747, 748 Secondary</b>	<b>747, 748 Primary</b>	<b>747, 748 Transmission</b>
<b>2016</b>	0.223	0.179	0.191	-0.018	-0.094
<b>2017</b>	0.179	0.133	0.146	-0.074	-0.152
<b>2018</b>	0.030	-0.016	-0.004	-0.226	-0.299
<b>2019</b>	-0.092	-0.139	-0.127	-0.352	-0.422
<b>2020</b>	-0.260	-0.308	-0.295	-0.520	-0.585

**Consumer Opt-Out Charge (cents/kWh)**

	<b>730 Secondary</b>	<b>730 Primary</b>	<b>747, 748 Secondary</b>	<b>747, 748 Primary</b>	<b>747, 748 Transmission</b>
<b>2016-2020</b>	1.827	1.756	1.809	1.486	1.315

**Adjustments for Consumers Electing This Option for Service Beginning January 1, 2017 (No New Service) (C)**
**Transition Adjustments (cents/kWh)**

	<b>730 Secondary</b>	<b>730 Primary</b>	<b>747, 748 Secondary</b>	<b>747, 748 Primary</b>	<b>747, 748 Transmission</b>
<b>2017</b>	-0.060	-0.102	-0.092	-0.291	-0.355
<b>2018</b>	-0.184	-0.227	-0.217	-0.419	-0.480
<b>2019</b>	-0.200	-0.244	-0.233	-0.440	-0.502
<b>2020</b>	-0.332	-0.376	-0.366	-0.571	-0.628
<b>2021</b>	-0.398	-0.443	-0.433	-0.641	-0.697

**Consumer Opt-Out Charge (cents/kWh)**

	<b>730 Secondary</b>	<b>730 Primary</b>	<b>747, 748 Secondary</b>	<b>747, 748 Primary</b>	<b>747, 748 Transmission</b>
<b>2017-2021</b>	1.861	1.788	1.838	1.516	1.358

(continued)



**TRANSITION ADJUSTMENT  
 FIVE-YEAR COST OF SERVICE OPT-OUT**
**Adjustments for Consumers Electing This Option for Service Beginning January 1, 2018**
**Transition Adjustments (cents/kWh)**

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

**Consumer Opt-Out Charge (cents/kWh)**

	<b>730 Secondary</b>	<b>730 Primary</b>	<b>747, 748 Secondary</b>	<b>747, 748 Primary</b>	<b>747, 748 Transmission</b>
<b>2018-2022</b>	2.005	1.935	1.987	1.666	1.462

**ATTACHMENT 1**

**Summary of NPC Updates from November 8, 2017 Indicative Filing**

<b>Oregon TAM 2018 (April 2017 Initial Filing)</b>	<b>NPC (\$) = 1,545,592,389</b>
	<b>\$/MWh = 26.26</b>

<b>Oregon TAM 2018 (July 2017 Update Filing)</b>	<b>NPC (\$) = 1,504,177,914</b>
	<b>\$/MWh = 25.56</b>

<b>Oregon TAM 2018 (November 2017 Indicative Update Filing)</b>	<b>NPC (\$) = 1,491,786,545</b>
	<b>\$/MWh = 25.35</b>

	<b>NPC Impact (\$)</b>
QF CODS update after Attestation (CDR adjusted)	(117,055)
Update - November 8, 2017 OFPC	(8,351,886)

<b>Oregon TAM 2018 (November 2017 Final Update Filing)</b>	<b>NPC (\$) = 1,483,317,604</b>
	<b>\$/MWh = 25.21</b>

**ATTACHMENT 2**  
**Description of the NPC Updates**

**November 2017**  
**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, 2017, including the screening of gas-fired units, adjustment of incremental coal prices and updated Qualifying Facility (QF) commercial operation dates (COD). The impact of this update decreases net power costs (NPC) from the indicative filing by approximately \$2.0 million on an Oregon basis or \$8.4 million on a total company basis.

**Update 1 – Qualifying Facilities Contract Updates**

As noted in the attestation filed with the indicative filing, after the contract lockdown date of October 30, 2017 PacifiCorp received a notice of delayed commercial operation for three QFs. These updates decreased NPC by approximately \$120,000 on a total company basis. The Contract Delay Rate (CDR) was applied to the dates below.

<b>QF</b>	<b>COD Indicative TAM</b>	<b>COD Final TAM</b>
Klamath Falls Solar 2	11/30/2017	12/6/2017
Merrill Solar	7/31/2018	6/1/2020
NorWest Energy 7 – Eagle	11/30/2017	12/28/2017
Point Solar		

**Update 2 – Correction of Non-NPC Energy Imbalance Market Costs**

The non-NPC Energy Imbalance Market (EIM) costs have been updated to exclude certain EIM costs that are included in NPC and were erroneously also included as non-NPC EIM costs in both the July reply update and indicative TAM filings. This correction reduces the TAM by approximately \$350,000.

**ATTACHMENT 3**

**Final Update to NPC Allocation**

PacifiCorp  
CY 2018 TAM  
Final Update

Line no	ACCT.	Total Company					Factor	Factors CY 2017	Factors CY 2018	Oregon Allocated								
		UE-307 CY 2017 - Final Update	TAM CY 2018 - Initial Filing	TAM CY 2018 - Reply Update	TAM CY 2018 - Indicative Update	TAM CY 2018 - Final Update				UE-307 CY 2017 - Final Update	TAM CY 2018 - Initial Filing	TAM CY 2018 - Reply Update	TAM CY 2018 - Indicative Update	TAM CY 2018 - Final Update				
1		<b>Sales for Resale</b>																
2	447	13,639,161	13,716,061	12,943,578	14,612,187	14,589,272	SG	25.230%	25.741%	3,441,206	3,530,588	3,331,747	3,761,255	3,755,357				
3	447	-	-	-	-	-	SG	25.230%	25.741%	-	-	-	-	-				
4	447	381,594,587	298,502,974	316,076,447	414,250,464	416,976,550	SG	25.230%	25.741%	96,277,598	76,836,267	81,359,773	106,630,292	107,332,001				
5	447	-	-	-	-	-	SE	23.757%	24.186%	-	-	-	-	-				
6		<b>395,233,748</b>	<b>312,219,035</b>	<b>329,020,026</b>	<b>428,862,650</b>	<b>431,565,821</b>				<b>99,718,804</b>	<b>80,366,854</b>	<b>84,691,520</b>	<b>110,391,547</b>	<b>111,087,358</b>				
7																		
8		<b>Purchased Power</b>																
9	555	5,136,503	4,615,778	4,880,688	4,623,187	4,627,573	SG	25.230%	25.741%	1,295,957	1,188,126	1,256,315	1,190,033	1,191,162				
10	555	23,760,262	23,985,699	23,836,008	23,836,008	23,836,008	SG	25.230%	25.741%	5,994,794	6,174,048	6,135,516	6,135,516	6,135,516				
11	555	31,398,600	30,611,344	31,165,314	30,506,131	30,516,365	SE	23.757%	24.186%	7,459,433	7,403,812	7,537,798	7,378,364	7,380,840				
12	555	623,969,265	556,550,210	560,841,145	630,630,534	635,614,579	SG	25.230%	25.741%	157,429,544	143,259,010	144,363,519	162,327,682	163,610,602				
13	555	-	-	-	-	-	SE	23.757%	24.186%	-	-	-	-	-				
14	555	7,516,842	7,833,208	7,729,619	7,555,132	7,552,475	SG	25.230%	25.741%	1,896,524	2,016,310	1,989,645	1,944,732	1,944,047				
15		<b>691,781,472</b>	<b>623,596,238</b>	<b>628,452,774</b>	<b>697,150,991</b>	<b>702,146,999</b>				<b>174,076,252</b>	<b>160,041,304</b>	<b>161,282,794</b>	<b>178,976,327</b>	<b>180,262,168</b>				
16																		
17		<b>Wheeling Expense</b>																
18	565	20,923,037	21,399,139	21,571,135	21,359,209	21,359,209	SG	25.230%	25.741%	5,278,953	5,508,253	5,552,526	5,497,975	5,497,975				
19	565	-	-	-	-	-	SG	25.230%	25.741%	-	-	-	-	-				
20	565	116,941,986	119,493,570	119,480,098	117,609,294	117,589,895	SG	25.230%	25.741%	29,504,856	30,758,286	30,754,818	30,273,263	30,268,270				
21	565	7,699,010	6,253,789	6,253,789	6,253,789	6,273,914	SE	23.757%	24.186%	1,829,070	1,512,572	1,512,572	1,512,572	1,517,440				
22		<b>145,564,033</b>	<b>147,146,498</b>	<b>147,305,022</b>	<b>145,222,291</b>	<b>145,223,018</b>				<b>36,612,879</b>	<b>37,779,111</b>	<b>37,819,916</b>	<b>37,283,810</b>	<b>37,283,685</b>				
23																		
24		<b>Fuel Expense</b>																
25	501	735,897,583	755,958,645	725,557,593	746,991,068	753,810,234	SE	23.757%	24.186%	174,828,765	182,839,909	175,486,960	180,670,966	182,320,284				
26	501	53,338,302	51,489,296	53,022,785	55,114,867	55,637,424	SE	23.757%	24.186%	12,671,695	12,453,457	12,824,354	13,330,355	13,456,743				
27	501	3,089,382	3,609,585	2,729,839	3,271,112	3,252,700	SE	23.757%	24.186%	733,951	873,032	660,252	791,167	786,714				
28	547	294,175,127	268,576,421	268,719,047	265,499,980	247,372,678	SE	23.757%	24.186%	69,887,815	64,959,226	64,993,722	64,215,142	59,830,783				
29	547	2,539,772	2,432,420	2,410,466	2,398,473	2,439,959	SE	23.757%	24.186%	603,379	588,317	583,007	580,107	590,141				
30	503	4,416,891	5,002,321	5,000,414	5,000,414	5,000,414	SE	23.757%	24.186%	1,049,330	1,209,886	1,209,425	1,209,425	1,209,425				
31		<b>1,093,457,057</b>	<b>1,087,068,688</b>	<b>1,057,440,143</b>	<b>1,078,275,914</b>	<b>1,067,513,408</b>				<b>259,774,935</b>	<b>262,923,827</b>	<b>255,757,720</b>	<b>260,797,163</b>	<b>258,194,090</b>				
32																		
33		<b>Net Power Cost (Per GRID)</b>																
34		<b>1,535,568,814</b>	<b>1,545,592,389</b>	<b>1,504,177,914</b>	<b>1,491,786,545</b>	<b>1,483,317,604</b>				<b>370,745,262</b>	<b>380,377,388</b>	<b>370,168,911</b>	<b>366,665,754</b>	<b>364,652,585</b>				
35		486,335	615,552	663,764	650,251	647,742	OR	100.000%	100.000%	486,335	615,552	663,764	650,251	647,742				
36		<b>1,536,055,148</b>	<b>1,546,207,942</b>	<b>1,504,841,678</b>	<b>1,492,436,796</b>	<b>1,483,965,346</b>				<b>371,231,597</b>	<b>380,992,941</b>	<b>370,832,675</b>	<b>367,316,005</b>	<b>365,300,327</b>				
37																		
38		4,586,168	4,619,225	6,232,850	6,317,098	4,944,640	SG	25.230%	25.741%	1,157,106	1,189,013	1,604,369	1,626,055	1,272,777				
39		(88,116,470)	(63,857,835)	(66,634,263)	(66,634,263)	(66,634,263)	SG	25.230%	25.741%	(22,232,082)	(16,437,349)	(17,152,017)	(17,152,017)	(17,152,017)				
40		<b>1,452,524,847</b>	<b>1,486,969,332</b>	<b>1,444,440,265</b>	<b>1,432,119,631</b>	<b>1,422,275,724</b>				<b>350,156,621</b>	<b>365,744,605</b>	<b>355,285,027</b>	<b>351,790,043</b>	<b>349,421,087</b>				
41																		
42																		
43																		
44																		
45																		
46																		
47																		
48																		
49																		
50																		
51																		
52																		

Increase Absent Load Change 15,587,984 5,128,406 1,633,422 (735,534)

Oregon-allocated NPC (incl. PTC) Baseline in Rates from UE-307 \$350,156,621  
\$ Change due to load variance from UE-307 forecast (3,134,167)  
2018 Recovery of NPC (incl. PTC) in Rates \$347,022,454

**Increase Including Load Change 18,722,151 8,262,573 4,767,589 2,398,633**

Add Other Revenue Change (360,057) (360,057) (360,057) (360,057)

**Total TAM Increase 18,362,094 7,902,516 4,407,532 2,038,576**

\*EIM Benefits for the 2018 TAM are reflected in net power costs

**PacifiCorp  
CY 2018 TAM  
Production Tax Credits - Stand Alone TAM Adjustment  
Final Update**

**PTC Revenue Requirement in UE-307**

Line no	Plant Name	PTC Expiration Date	Total Company		Factor	Factors CY 2017	Oregon Allocated	
			UE-307 Final				UE-307 Final	Revenue Requirement
1	JC Boyle	11/7/2015	\$ -	-	SG	25.230%	\$ -	\$ -
2	Blundell Bottoming Cycle KWh	12/1/2017	(1,642,252)	-	SG	25.230%	(414,346)	(666,893)
3	Glenrock KWh	12/30/2018	(7,646,838)	-	SG	25.230%	(1,929,323)	(3,105,262)
4	Glenrock III KWh	1/16/2019	(2,861,406)	-	SG	25.230%	(721,942)	(1,161,972)
5	Goodnoe KWh	12/17/2017	(5,991,082)	-	SG	25.230%	(1,511,570)	(2,432,885)
6	High Plains Wind	10/14/2019	(7,115,510)	-	SG	25.230%	(1,795,267)	(2,889,498)
7	Leaning Juniper 1 KWh	9/13/2016	-	-	SG	25.230%	-	-
8	Marengo KWh	8/2/2017	(5,447,249)	-	SG	25.230%	(1,374,359)	(2,212,043)
9	Marengo II KWh	6/25/2018	(4,306,194)	-	SG	25.230%	(1,086,467)	(1,748,678)
10	McFadden Ridge	10/31/2019	(1,979,446)	-	SG	25.230%	(499,421)	(803,822)
11	Seven Mile KWh	12/30/2018	(8,040,700)	-	SG	25.230%	(2,028,696)	(3,265,203)
12	Seven Mile II KWh	12/30/2018	(1,583,828)	-	SG	25.230%	(399,605)	(643,168)
13	Dunlap I Wind KWh	9/29/2020	(8,132,932)	-	SG	25.230%	(2,051,966)	(3,302,657)
14								
15	Total Production Tax Credit		<u>\$ (54,747,437)</u>				<u>\$ (13,812,962)</u>	<u>\$ (22,232,082)</u>

**PTC Revenue Requirement CY 2018 - Indicative Update**

Line no	Plant Name	PTC Expiration Date	Total Company		Factor	Factors CY 2018	Oregon Allocated	
			CY 2018 Final				CY 2018 Final	Revenue Requirement
20								
21	JC Boyle	11/7/2015	-	-	SG	25.741%	-	-
22	Blundell Bottoming Cycle KWh	12/1/2017	-	-	SG	25.741%	-	-
23	Glenrock KWh	12/30/2018	(7,949,734)	-	SG	25.741%	(2,046,304)	(3,293,544)
24	Glenrock III KWh	1/16/2019	(2,985,815)	-	SG	25.741%	(768,565)	(1,237,012)
25	Goodnoe KWh	12/17/2017	-	-	SG	25.741%	-	-
26	High Plains Wind	10/14/2019	(7,424,880)	-	SG	25.741%	(1,911,204)	(3,076,099)
27	Leaning Juniper 1 KWh	9/13/2016	-	-	SG	25.741%	-	-
28	Leaning Juniper Indemnity	9/13/2016	-	-	SG	25.741%	-	-
29	Marengo KWh	8/2/2017	-	-	SG	25.741%	-	-
30	Marengo II KWh	6/25/2018	(2,482,279)	-	SG	25.741%	(638,952)	(1,028,399)
31	McFadden Ridge	10/31/2019	(2,065,509)	-	SG	25.741%	(531,673)	(855,732)
32	Seven Mile KWh	12/30/2018	(8,359,081)	-	SG	25.741%	(2,151,672)	(3,463,135)
33	Seven Mile II KWh	12/30/2018	(1,646,541)	-	SG	25.741%	(423,828)	(682,156)
34	Dunlap I Wind KWh	9/29/2020	(8,486,538)	-	SG	25.741%	(2,184,480)	(3,515,940)
35								
36	Total Production Tax Credit		<u>(41,400,377)</u>				<u>(10,656,679)</u>	<u>(17,152,017)</u>

Oregon-allocated PTC Baseline in Rates from UE-307 \$ (22,232,082)  
2018 Recovery of PTC in Rates (17,152,017)

**Oregon-allocated PTC Increase 5,080,065**



PacifiCorp  
CY 2018 TAM  
Other Revenues - Stand Alone TAM Adjustment  
Final Update

Line no		Total Company					Factor	Factors CY 2017	Factors CY 2018	Oregon Allocated				
		UE-307 Final	CY 2018 Initial	CY 2018 Reply	CY 2018 Indicative	CY 2018 Final				UE-307 Final	CY 2018 Initial	CY 2018 Reply	CY 2018 Indicative	CY 2018 Final
1	Seattle City Light - Stateline Wind Farm	(9,749,394)	(10,861,266)	(10,861,266)	(10,861,266)	(10,861,266)	SG	25.230%	25.741%	(2,459,805)	(2,795,748)	(2,795,748)	(2,795,748)	(2,795,748)
2	Non-company owned Foote Creek	(905,359)	(905,486)	(905,486)	(905,486)	(905,486)	SG	25.230%	25.741%	(233,044)	(233,077)	(233,077)	(233,077)	(233,077)
3	BPA South Idaho Exchange	-	-	-	-	-	SG	25.230%	25.741%	-	-	-	-	-
4	Little Mountain Steam Revenues	-	-	-	-	-	SG	25.230%	25.741%	-	-	-	-	-
5	James River Royalty Offset	-	-	-	-	-	SG	25.230%	25.741%	-	-	-	-	-
6														
7	Total Other Revenue	<u>(10,654,753)</u>	<u>(11,766,752)</u>	<u>(11,766,752)</u>	<u>(11,766,752)</u>	<u>(11,766,752)</u>				<u>(2,692,849)</u>	<u>(3,028,825)</u>	<u>(3,028,825)</u>	<u>(3,028,825)</u>	<u>(3,028,825)</u>
8														
9														
10														
11														
12														
13														
14														
15														

Decrease (Increase) in Other Revenues Absent Load Change (335,976) (335,976) (335,976) (335,976)

Baseline Other Revenues in Rates (2,692,849)

\$ Change due to load variance from UE 307 CY 2017 forecast 24,081

Other Revenues in Rates using 2018 load forecast (2,668,768)

**Decrease (Increase) in Other Revenues Including Load Change (360,057) (360,057) (360,057) (360,057)**

**ATTACHMENT 4**

**TAM Rate Spread, Rate Calculation, and Estimated Rate Impact**

**PACIFIC POWER  
STATE OF OREGON  
TAM Schedule 201 Net Power Costs  
Present and Proposed Rates and Revenues  
Forecast 12 Months Ending December 31, 2018**

Rate Schedule	Forecast Energy	Present Schedule 201		Present Rate Spread	Target Revenues	Proposed Schedule 201	
		Rates	Revenues			Rates	Revenues
<b>Schedule 4, Residential</b>							
First Block kWh (0-1,000)	3,882,367,724	2.606 ¢	\$101,174,503	29.2611%	\$101,873,816	2.624 ¢	\$101,873,329
Second Block kWh (> 1,000)	1,369,562,218	3.560 ¢	\$48,756,415	14.1011%	\$49,093,417	3.585 ¢	\$49,098,806
	<u>5,251,929,942</u>		<u>\$149,930,918</u>		<u>\$150,967,232</u>		<u>\$150,972,135</u>
						Change	\$1,041,217
<b>Employee Discount</b>							
First Block kWh (0-1,000)	11,221,813	2.606 ¢	\$292,440			2.624 ¢	\$294,460
Second Block kWh (> 1,000)	5,282,861	3.560 ¢	\$188,070			3.585 ¢	\$189,391
	<u>16,504,674</u>		<u>\$480,510</u>				<u>\$483,851</u>
Discount			-\$120,128				-\$120,963
						Change	-\$835
<b>Schedule 23, Small General Service</b>							
<b>Secondary Voltage</b>							
1st 3,000 kWh, per kWh	886,189,510	2.886 ¢	\$25,575,429	7.3968%	\$25,752,205	2.906 ¢	\$25,752,667
All additional kWh, per kWh	237,590,159	2.141 ¢	\$5,086,805	1.4712%	\$5,121,965	2.155 ¢	\$5,120,068
	<u>1,123,779,669</u>		<u>\$30,662,234</u>		<u>\$30,874,170</u>		<u>\$30,872,735</u>
						Change	\$210,501
<b>Primary Voltage</b>							
1st 3,000 kWh, per kWh	742,993	2.796 ¢	\$20,774	0.0060%	\$20,918	2.815 ¢	\$20,915
All additional kWh, per kWh	324,975	2.074 ¢	\$6,740	0.0019%	\$6,787	2.088 ¢	\$6,785
	<u>1,067,968</u>		<u>\$27,514</u>		<u>\$27,704</u>		<u>\$27,700</u>
						Change	\$186
<b>Schedule 28, General Service 31-200kW</b>							
<b>Secondary Voltage</b>							
1st 20,000 kWh, per kWh	1,417,425,049	2.822 ¢	\$39,999,735	11.5685%	\$40,276,211	2.842 ¢	\$40,283,220
All additional kWh, per kWh	578,602,933	2.745 ¢	\$15,882,651	4.5935%	\$15,992,431	2.763 ¢	\$15,986,799
	<u>1,996,027,982</u>		<u>\$55,882,386</u>		<u>\$56,268,642</u>		<u>\$56,270,019</u>
						Change	\$387,633
<b>Primary Voltage</b>							
1st 20,000 kWh, per kWh	9,427,769	2.717 ¢	\$256,152	0.0741%	\$257,923	2.736 ¢	\$257,944
All additional kWh, per kWh	8,625,555	2.645 ¢	\$228,146	0.0660%	\$229,723	2.663 ¢	\$229,699
	<u>18,053,324</u>		<u>\$484,298</u>		<u>\$487,645</u>		<u>\$487,643</u>
						Change	\$3,345
<b>Schedule 30, General Service 201-999kW</b>							
<b>Secondary Voltage</b>							
1st 20,000 kWh, per kWh	180,571,770	3.017 ¢	\$5,447,850	1.5756%	\$5,485,505	3.038 ¢	\$5,485,770
All additional kWh, per kWh	1,067,873,816	2.616 ¢	\$27,935,579	8.0794%	\$28,128,668	2.634 ¢	\$28,127,796
	<u>1,248,445,586</u>		<u>\$33,383,429</u>		<u>\$33,614,173</u>		<u>\$33,613,566</u>
						Change	\$230,137
<b>Primary Voltage</b>							
1st 20,000 kWh, per kWh	12,283,897	2.984 ¢	\$366,551	0.1060%	\$369,085	3.005 ¢	\$369,131
All additional kWh, per kWh	79,465,238	2.579 ¢	\$2,049,408	0.5927%	\$2,063,573	2.597 ¢	\$2,063,712
	<u>91,749,135</u>		<u>\$2,415,959</u>		<u>\$2,432,658</u>		<u>\$2,432,843</u>
						Change	\$16,884
<b>Schedule 41, Agricultural Pumping Service</b>							
<b>Secondary Voltage</b>							
Winter, 1st 100 kWh/AW, per kWh	2,906,663	4.030 ¢	\$117,139	0.0339%	\$117,949	4.058 ¢	\$117,952
Winter, All additional kWh, per kWh	2,406,724	2.746 ¢	\$66,089	0.0191%	\$66,546	2.765 ¢	\$66,546
Summer, All kWh, per kWh	214,281,260	2.746 ¢	\$5,884,163	1.7018%	\$5,924,834	2.765 ¢	\$5,924,877
	<u>219,594,647</u>		<u>\$6,067,391</u>		<u>\$6,109,328</u>		<u>\$6,109,375</u>
						Change	\$41,984
<b>Primary Voltage</b>							
Winter, 1st 100 kWh/AW, per kWh	11,013	3.899 ¢	\$429	0.0001%	\$432	3.922 ¢	\$432
Winter, All additional kWh, per kWh	62,989	2.660 ¢	\$1,676	0.0005%	\$1,688	2.678 ¢	\$1,687
Summer, All kWh, per kWh	391,509	2.660 ¢	\$10,414	0.0030%	\$10,486	2.678 ¢	\$10,485
	<u>465,511</u>		<u>\$12,519</u>		<u>\$12,606</u>		<u>\$12,604</u>
						Change	\$85
<b>Schedule 47, Large General Service, Partial Requirements 1,000kW and over</b>							
<b>Primary Voltage</b>							
On-Peak, per on-peak kWh	29,215,751	2.468 ¢	\$721,045			2.485 ¢	\$726,011
Off-Peak, per off-peak kWh	10,360,384	2.418 ¢	\$250,514			2.435 ¢	\$252,275
	<u>39,576,135</u>		<u>\$971,559</u>		<u>\$978,286</u>		<u>\$978,286</u>
						Change	\$6,727
<b>Transmission Voltage</b>							
On-Peak, per on-peak kWh	9,059,099	2.318 ¢	\$209,990			2.334 ¢	\$211,439
Off-Peak, per off-peak kWh	8,675,494	2.268 ¢	\$196,760			2.284 ¢	\$198,148
	<u>17,734,593</u>		<u>\$406,750</u>		<u>\$409,587</u>		<u>\$409,587</u>
						Change	\$2,837

**PACIFIC POWER  
STATE OF OREGON  
TAM Schedule 201 Net Power Costs  
Present and Proposed Rates and Revenues  
Forecast 12 Months Ending December 31, 2018**

Rate Schedule	Forecast Energy	Present Schedule 201		Present Rate Spread	Target Revenues	Proposed Schedule 201	
		Rates	Revenues			Rates	Revenues
<b>Schedule 48, Large General Service, 1,000kW and over</b>							
Secondary Voltage							
On-Peak, per on-peak kWh	342,725,156	2.661 ¢	\$9,119,916	2.6376%	\$9,182,952	2.679 ¢	\$9,181,607
Off-Peak, per off-peak kWh	188,977,202	2.611 ¢	\$4,934,195	1.4270%	\$4,968,300	2.629 ¢	\$4,968,211
	531,702,358		\$14,054,111		\$14,151,252		\$14,149,818
						Change	\$95,707
Primary Voltage							
On-Peak, per on-peak kWh	999,394,124	2.468 ¢	\$24,665,047	7.1335%	\$24,835,530	2.485 ¢	\$24,834,944
Off-Peak, per off-peak kWh	629,750,245	2.418 ¢	\$15,227,361	4.4040%	\$15,332,612	2.435 ¢	\$15,334,418
	1,629,144,369		\$39,892,408		\$40,168,142		\$40,169,362
						Change	\$276,954
Transmission Voltage							
On-Peak, per on-peak kWh	295,236,621	2.318 ¢	\$6,843,585	1.9793%	\$6,890,887	2.334 ¢	\$6,890,823
Off-Peak, per off-peak kWh	223,948,061	2.268 ¢	\$5,079,142	1.4690%	\$5,114,249	2.284 ¢	\$5,114,974
	519,184,682		\$11,922,727		\$12,005,136		\$12,005,797
						Change	\$83,070
<b>Schedule 15, Outdoor Area Lighting Service</b>							
Secondary Voltage							
All kWh, per kWh	9,242,236	2.175 ¢	\$200,760	0.0581%	\$202,148	2.187 ¢	\$201,987
	9,242,236		\$200,760		\$202,148		\$201,987
						Change	\$1,226
<b>Schedule 50, Mercury Vapor Street Lighting Service</b>							
Secondary Voltage							
All kWh, per kWh	7,702,924	1.796 ¢	\$137,969	0.0399%	\$138,923	1.804 ¢	\$138,849
	7,702,924		\$137,969		\$138,923		\$138,849
						Change	\$880
<b>Schedule 51, Street Lighting Service, Company-Owned System</b>							
Secondary Voltage							
All kWh, per kWh	20,115,733	2.827 ¢	\$568,005	0.1643%	\$571,931	2.843 ¢	\$571,843
	20,115,733		\$568,005		\$571,931		\$571,843
						Change	\$3,839
<b>Schedule 52, Street Lighting Service, Company-Owned System</b>							
Secondary Voltage							
All kWh, per kWh	403,125	2.163 ¢	\$8,720	0.0025%	\$8,780	2.178 ¢	\$8,780
	403,125		\$8,720		\$8,780		\$8,780
						Change	\$60
<b>Schedule 53, Street Lighting Service, Consumer-Owned System</b>							
Secondary Voltage							
All kWh, per kWh	9,695,208	0.922 ¢	\$89,390	0.0259%	\$90,008	0.928 ¢	\$89,972
	9,695,208		\$89,390		\$90,008		\$89,972
						Change	\$582
<b>Schedule 54, Recreational Field Lighting</b>							
Secondary Voltage							
All kWh, per kWh	1,479,251	1.591 ¢	\$23,535	0.0068%	\$23,698	1.602 ¢	\$23,698
	1,479,251		\$23,535		\$23,698		\$23,698
						Change	\$163
<b>Total before Employee Discount</b>							
			<b>\$347,142,582</b>	100.0000%	<b>\$349,542,050</b>		<b>\$349,546,599</b>
Employee Discount			-\$120,128		-\$120,963		-\$120,963
<b>TOTAL</b>	<b>12,737,094,377</b>		<b>\$347,022,454</b>		<b>\$349,421,087</b>		<b>\$349,425,636</b>
						Change	\$2,403,182
Schedule 47 Unscheduled kWh							
	2,540,129						
Total Forecast kWh							
	12,739,634,506						

**PACIFIC POWER**  
**STATE OF OREGON**  
**TAM Schedule 205 - TAM Adjustment for Other Items**  
**Proposed Rates and Revenues**  
**Forecast 12 Months Ending December 31, 2018**

Rate Schedule	Forecast Energy	Present	Generation	Proposed Adj. to Schedule 205		Total
		Schedule 205	Based	Rates	Revenues	Proposed
		Rates	Rate Spread	Rates		Schedule 205
						Rates
<b>Schedule 4, Residential</b>						
First Block kWh (0-1,000)	3,882,367,724	0.022 ¢	29.2611%	-0.003 ¢	-\$116,471	0.019 ¢
Second Block kWh (> 1,000)	1,369,562,218	0.029 ¢	14.1011%	-0.003 ¢	-\$41,087	0.026 ¢
	<u>5,251,929,942</u>				<u>-\$157,558</u>	
<b>Employee Discoun</b>						
First Block kWh (0-1,000)	11,221,813			-0.003 ¢	-\$337	
Second Block kWh (> 1,000)	5,282,861			-0.003 ¢	-\$158	
	<u>16,504,674</u>				<u>-\$495</u>	
Discount					\$124	
<b>Schedule 23, Small General Service</b>						
<b>Secondary Voltage</b>						
1st 3,000 kWh, per kWh	886,189,510	0.024 ¢	7.3968%	-0.002 ¢	-\$17,724	0.022 ¢
All additional kWh, per kWh	237,590,159	0.018 ¢	1.4712%	-0.002 ¢	-\$4,752	0.016 ¢
	<u>1,123,779,669</u>				<u>-\$22,476</u>	
<b>Primary Voltage</b>						
1st 3,000 kWh, per kWh	742,993	0.023 ¢	0.0060%	-0.002 ¢	-\$15	0.021 ¢
All additional kWh, per kWh	324,975	0.017 ¢	0.0019%	-0.002 ¢	-\$6	0.015 ¢
	<u>1,067,968</u>				<u>-\$21</u>	
<b>Schedule 28, General Service 31-200kW</b>						
<b>Secondary Voltage</b>						
1st 20,000 kWh, per kWh	1,417,425,049	0.023 ¢	11.5685%	-0.003 ¢	-\$42,523	0.020 ¢
All additional kWh, per kWh	578,602,933	0.022 ¢	4.5935%	-0.003 ¢	-\$17,358	0.019 ¢
	<u>1,996,027,982</u>				<u>-\$59,881</u>	
<b>Primary Voltage</b>						
1st 20,000 kWh, per kWh	9,427,769	0.023 ¢	0.0741%	-0.003 ¢	-\$283	0.020 ¢
All additional kWh, per kWh	8,625,555	0.022 ¢	0.0660%	-0.003 ¢	-\$259	0.019 ¢
	<u>18,053,324</u>				<u>-\$542</u>	
<b>Schedule 30, General Service 201-999kW</b>						
<b>Secondary Voltage</b>						
1st 20,000 kWh, per kWh	180,571,770	0.025 ¢	1.5756%	-0.003 ¢	-\$5,417	0.022 ¢
All additional kWh, per kWh	1,067,873,816	0.022 ¢	8.0794%	-0.003 ¢	-\$32,036	0.019 ¢
	<u>1,248,445,586</u>				<u>-\$37,453</u>	
<b>Primary Voltage</b>						
1st 20,000 kWh, per kWh	12,283,897	0.024 ¢	0.1060%	-0.003 ¢	-\$369	0.021 ¢
All additional kWh, per kWh	79,465,238	0.022 ¢	0.5927%	-0.003 ¢	-\$2,384	0.019 ¢
	<u>91,749,135</u>				<u>-\$2,753</u>	
<b>Schedule 41, Agricultural Pumping Service</b>						
<b>Secondary Voltage</b>						
Winter, 1st 100 kWh/kWh, per kWh	2,906,663	0.033 ¢	0.0339%	-0.004 ¢	-\$116	0.029 ¢
Winter, All additional kWh, per kWh	2,406,724	0.023 ¢	0.0191%	-0.003 ¢	-\$72	0.020 ¢
Summer, All kWh, per kWh	214,281,260	0.023 ¢	1.7018%	-0.003 ¢	-\$6,428	0.020 ¢
	<u>219,594,647</u>				<u>-\$6,616</u>	
<b>Primary Voltage</b>						
Winter, 1st 100 kWh/kWh, per kWh	11,013	0.032 ¢	0.0001%	-0.004 ¢	\$0	0.028 ¢
Winter, All additional kWh, per kWh	62,989	0.022 ¢	0.0005%	-0.003 ¢	-\$2	0.019 ¢
Summer, All kWh, per kWh	391,509	0.022 ¢	0.0030%	-0.003 ¢	-\$12	0.019 ¢
	<u>465,511</u>				<u>-\$14</u>	
<b>Schedule 47, Large General Service, Partial Requirements 1,000kW and over</b>						
<b>Primary Voltage</b>						
On-Peak, per on-peak kWh	29,215,751	0.020 ¢		-0.003 ¢	-\$876	0.017 ¢
Off-Peak, per off-peak kWh	10,360,384	0.020 ¢		-0.003 ¢	-\$311	0.017 ¢
	<u>39,576,135</u>				<u>-\$1,187</u>	
<b>Transmission Voltage</b>						
On-Peak, per on-peak kWh	9,059,099	0.018 ¢		-0.002 ¢	-\$181	0.016 ¢
Off-Peak, per off-peak kWh	8,675,494	0.018 ¢		-0.002 ¢	-\$174	0.016 ¢
	<u>17,734,593</u>				<u>-\$355</u>	

**PACIFIC POWER**  
**STATE OF OREGON**  
**TAM Schedule 205 - TAM Adjustment for Other Items**  
**Proposed Rates and Revenues**  
**Forecast 12 Months Ending December 31, 2018**

Rate Schedule	Forecast Energy	Present	Generation	Proposed Adj. to Schedule 205		Total
		Schedule 205	Based	Rates	Revenues	Proposed
		Rates	Rate Spread	Rates	Revenues	Schedule 205
						Rates
<b>Schedule 48, Large General Service, 1,000kW and over</b>						
Secondary Voltage						
On-Peak, per on-peak kWh	342,725,156	0.022 ¢	2.6376%	-0.003 ¢	-\$10,282	0.019 ¢
Off-Peak, per off-peak kWh	188,977,202	0.022 ¢	1.4270%	-0.003 ¢	-\$5,669	0.019 ¢
	<u>531,702,358</u>				<u>-\$15,951</u>	
Primary Voltage						
On-Peak, per on-peak kWh	999,394,124	0.020 ¢	7.1335%	-0.003 ¢	-\$29,982	0.017 ¢
Off-Peak, per off-peak kWh	629,750,245	0.020 ¢	4.4040%	-0.003 ¢	-\$18,893	0.017 ¢
	<u>1,629,144,369</u>				<u>-\$48,875</u>	
Transmission Voltage						
On-Peak, per on-peak kWh	295,236,621	0.018 ¢	1.9793%	-0.002 ¢	-\$5,905	0.016 ¢
Off-Peak, per off-peak kWh	223,948,061	0.018 ¢	1.4690%	-0.002 ¢	-\$4,479	0.016 ¢
	<u>519,184,682</u>				<u>-\$10,384</u>	
<b>Schedule 15, Outdoor Area Lighting Service</b>						
Secondary Voltage						
All kWh, per kWh	9,242,236	0.018 ¢	0.0581%	-0.002 ¢	-\$185	0.016 ¢
	<u>9,242,236</u>				<u>-\$185</u>	
<b>Schedule 50, Mercury Vapor Street Lighting Service</b>						
Secondary Voltage						
All kWh, per kWh	7,702,924	0.015 ¢	0.0399%	-0.002 ¢	-\$154	0.013 ¢
	<u>7,702,924</u>				<u>-\$154</u>	
<b>Schedule 51, Street Lighting Service, Company-Owned System</b>						
Secondary Voltage						
All kWh, per kWh	20,115,733	0.022 ¢	0.1643%	-0.003 ¢	-\$603	0.019 ¢
	<u>20,115,733</u>				<u>-\$603</u>	
<b>Schedule 52, Street Lighting Service, Company-Owned System</b>						
Secondary Voltage						
All kWh, per kWh	403,125	0.018 ¢	0.0025%	-0.002 ¢	-\$8	0.016 ¢
	<u>403,125</u>				<u>-\$8</u>	
<b>Schedule 53, Street Lighting Service, Consumer-Owned System</b>						
Secondary Voltage						
All kWh, per kWh	9,695,208	0.008 ¢	0.0259%	-0.001 ¢	-\$97	0.007 ¢
	<u>9,695,208</u>				<u>-\$97</u>	
<b>Schedule 54, Recreational Field Lighting</b>						
Secondary Voltage						
All kWh, per kWh	1,479,251	0.012 ¢	0.0068%	-0.002 ¢	-\$30	0.010 ¢
	<u>1,479,251</u>				<u>-\$30</u>	
<b>Total before Employee Discount</b>			<b>100.0000%</b>	<b><u>-\$365,143</u></b>		
Employee Discount				\$124		
<b>TOTAL</b>				<b><u>-\$365,019</u></b>		
Schedule 47 Unscheduled kWh		2,540,129				
Total Forecast kWh		12,739,634,506				

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, 2018

Line No.	Description	Sch No.	No. of Cust	MWh	Present Revenues (\$000)			Proposed Revenues (\$000)			Change				Line No.
					Base Rates	Adders <sup>1</sup>	Net Rates	Base Rates	Adders <sup>1</sup>	Net Rates	Base Rates (\$000)	% <sup>2</sup>	Net Rates (\$000)	% <sup>2</sup>	
	(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)	
<b>Residential</b>															
1	Residential	4	497,076	5,251,930	\$605,609	\$5,777	\$611,386	\$606,492	\$5,777	\$612,269	\$883	0.2%	\$883	0.1%	1
2	<b>Total Residential</b>		497,076	5,251,930	\$605,609	\$5,777	\$611,386	\$606,492	\$5,777	\$612,269	\$883	0.2%	\$883	0.1%	2
<b>Commercial &amp; Industrial</b>															
3	Gen. Svc. < 31 kW	23	80,346	1,124,848	\$124,851	\$5,231	\$130,082	\$125,039	\$5,231	\$130,270	\$188	0.2%	\$188	0.1%	3
4	Gen. Svc. 31 - 200 kW	28	10,280	2,014,081	\$184,729	\$3,443	\$188,172	\$185,060	\$3,443	\$188,503	\$331	0.2%	\$331	0.2%	4
5	Gen. Svc. 201 - 999 kW	30	843	1,340,195	\$109,222	\$1,287	\$110,509	\$109,429	\$1,287	\$110,716	\$207	0.2%	\$207	0.2%	5
6	Large General Service >= 1,000 kW	48	199	2,680,032	\$192,384	(\$7,585)	\$184,799	\$192,766	(\$7,585)	\$185,181	\$382	0.2%	\$382	0.2%	6
7	Partial Req. Svc. >= 1,000 kW	47	7	59,851	\$6,401	(\$184)	\$6,217	\$6,409	(\$184)	\$6,225	\$8	0.2%	\$8	0.2%	7
8	Agricultural Pumping Service	41	9,622	220,060	\$25,815	(\$1,204)	\$24,611	\$25,850	(\$1,204)	\$24,646	\$35	0.1%	\$35	0.1%	8
9	<b>Total Commercial &amp; Industrial</b>		101,297	7,439,067	\$643,402	\$988	\$644,390	\$644,553	\$988	\$645,541	\$1,151	0.2%	\$1,151	0.2%	9
<b>Lighting</b>															
10	Outdoor Area Lighting Service	15	6,414	9,243	\$1,190	\$221	\$1,411	\$1,192	\$221	\$1,413	\$2	0.2%	\$2	0.1%	10
11	Street Lighting Service	50	230	7,703	\$859	\$169	\$1,028	\$860	\$169	\$1,029	\$1	0.1%	\$1	0.1%	11
12	Street Lighting Service HPS	51	808	20,116	\$3,542	\$729	\$4,271	\$3,545	\$729	\$4,274	\$3	0.1%	\$3	0.1%	12
13	Street Lighting Service	52	35	403	\$53	\$9	\$62	\$53	\$9	\$62	\$0	0.0%	\$0	0.0%	13
14	Street Lighting Service	53	273	9,695	\$611	\$121	\$732	\$612	\$121	\$733	\$1	0.2%	\$1	0.1%	14
15	Recreational Field Lighting	54	105	1,479	\$122	\$24	\$146	\$123	\$24	\$147	\$1	0.8%	\$1	0.7%	15
16	<b>Total Public Street Lighting</b>		7,865	48,639	\$6,377	\$1,273	\$7,650	\$6,385	\$1,273	\$7,658	\$8	0.1%	\$8	0.1%	16
17	<b>Total Sales before Emp. Disc. &amp; AGA</b>		606,238	12,739,636	\$1,255,388	\$8,038	\$1,263,426	\$1,257,430	\$8,038	\$1,265,468	\$2,042	0.2%	\$2,042	0.2%	17
18	Employee Discount				(\$470)	(\$4)	(\$474)	(\$471)	(\$4)	(\$475)	(\$1)		(\$1)		18
19	<b>Total Sales with Emp. Disc</b>		606,238	12,739,636	\$1,254,918	\$8,034	\$1,262,952	\$1,256,959	\$8,034	\$1,264,993	\$2,041	0.2%	\$2,041	0.2%	19
20	AGA Revenue				\$2,439		\$2,439	\$2,439		\$2,439	\$0		\$0		20
21	<b>Total Sales</b>		606,238	12,739,636	\$1,257,357	\$8,034	\$1,265,391	\$1,259,398	\$8,034	\$1,267,432	\$2,041	0.2%	\$2,041	0.2%	21

<sup>1</sup> 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).

<sup>2</sup> Percentages shown for Schedules 48 and 47 reflect the combined rate change for both schedules