

November 15, 2018

VIA ELECTRONIC FILING

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

Attn: Filing Center

RE: Advice 18-008/UE 339—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. 18-421 and includes a January 1, 2019 effective date.

Ninth Revision of Sheet No. 201-1	Schedule 201	Net Power Costs Cost-Based Supply Service
Ninth Revision of Sheet No. 201-2	Schedule 201	Net Power Costs Cost-Based Supply Service
Ninth Revision of Sheet No. 201-3	Schedule 201	Net Power Costs Cost-Based Supply Service
Tenth Revision of Sheet No. 220-1	Schedule 220	Standard Offer Supply Service
Ninth Revision of Sheet No. 294-2	Schedule 294	Transition Adjustment
Ninth Revision of Sheet No. 295-2	Schedule 295	Transition Adjustment Three-Year Cost of Service Opt-Out
First Revision of Sheet No. 296-4	Schedule 296	Transition Adjustment Five-Year Cost of Service Opt-Out

This filing sets net power costs (NPC) for 2019 and the final transition adjustments for the 2019 direct access options, consistent with Order No. 18-421 in docket UE 339.

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, 2018 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

Public Utility Commission of Oregon
Advice 18-008
November 15, 2018
Page 2

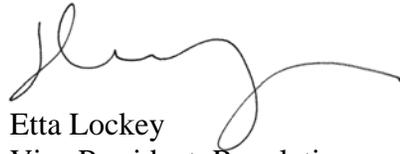
Attachment 3 shows Oregon-allocated NPC for 2019 are forecast to be \$364.3 million. Attachment 4 shows the rate spread, rates and rate impact by rate schedule of the final proposed rate change.

This proposed change will affect approximately 614,000 customers, and will result in an overall annual rate decrease of approximately \$0.660 million or 0.1 percent. Residential customers using 900 kWh per month would see a monthly bill decrease of \$0.04 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 Natasha Siores at (503) 813-6583.

Sincerely,

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

Etta Lockey
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 339

ALLIANCE OF WESTERN ENERGY CONSUMERS	
<p>MYRALEIGH ALBERTO (C) (HC) DAVISON VAN CLEVE 1750 SW HARBOR WAY STE 450 PORTLAND OR 97201 maa@dvclaw.com</p>	<p>BRADLEY MULLINS (C) (HC) MOUNTAIN WEST ANALYTICS 1750 SW HARBOR WAY STE 450 PORTLAND OR 97201 brmullins@mwanalytics.com</p>
<p>TYLER C PEPPLER (C) (HC) DAVISON VAN CLEVE, PC 1750 SW HARBOR WAY STE 450 PORTLAND OR 97201 tcp@dvclaw.com</p>	
CALPINE SOLUTIONS	
<p>GREGORY M. ADAMS (C) RICHARDSON ADAMS, PLLC PO BOX 7218 BOISE, ID 83702 greg@richardsonadams.com</p>	<p>GREG BASS CALPINE ENERGY SOLUTIONS, LLC 401 WEST A ST, STE 500 SAN DIEGO, CA 92101 greg.bass@calpinesolutions.com</p>
<p>KEVIN HIGGINS (C) ENERGY STRATEGIES LLC 215 STATE ST - STE 200 SALT LAKE CITY, UT 84111-2322 khiggins@energystrat.com</p>	
OREGON CITIZENS UTILITY BOARD	
<p>OREGON CITIZENS' UTILITY BOARD 610 SW BROADWAY, STE 400 PORTLAND, OR 97205 dockets@oregoncub.org</p>	<p>MICHAEL GOETZ (C)(HC) OREGON CITIZENS' UTILITY BOARD 610 SW BROADWAY STE 400 PORTLAND, OR 97205 mike@oregoncub.org</p>
<p>ROBERT JENKS (C)(HC) OREGON CITIZENS' UTILITY BOARD 610 SW BROADWAY, STE 400 PORTLAND, OR 97205 bob@oregoncub.org</p>	

PACIFICORP	
PACIFICORP, DBA PACIFIC POWER 825 NE MULTNOMAH ST, STE 2000 PORTLAND, OR 97232 oregondockets@pacificorp.com	KATHERINE A MCDOWELL (C)(HC) MCDOWELL RACKNER & GIBSON PC 419 SW 11TH AVE., SUITE 400 PORTLAND, OR 97205 katherine@mcd-law.com
MATTHEW MCVEE (C)(HC) PACIFICORP 825 NE MULTNOMAH PORTLAND, OR 97232 matthew.mcvee@pacificorp.com	
STAFF	
SCOTT GIBBENS (C)(HC) PUBLIC UTILITY COMMISSION OF OREGON PO BOX 1088 SALEM, OR 97308-1088 george.compton@state.or.us	KAYLIE KLEIN (C)(HC) PUC STAFF - DEPARTMENT OF JUSTICE 1162 COURT ST NE SALEM, OR 97301 kaylie.klein@state.or.us
SOMMER MOSER (C)(HC) PUC STAFF - DEPARTMENT OF JUSTICE 1162 COURT ST NE SALEM, OR 97301 sommer.moser@doj.state.or.us	

Dated this 15th day of November, 2018.



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	2.619¢ 3.579¢			(R)
5	Per kWh	0-1000 kWh > 1000 kWh	2.619¢ 3.579¢			(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	First 3,000 kWh, per kWh All additional kWh, per kWh		2.902¢ 2.151¢	2.810¢ 2.085¢		(R)
28	First 20,000 kWh, per kWh All additional kWh, per kWh		2.838¢ 2.758¢	2.731¢ 2.658¢		
30	First 20,000 kWh, per kWh All additional kWh, per kWh		3.033¢ 2.629¢	3.000¢ 2.593¢		
41	Winter, first 100 kWh/kW, per kWh Winter, all additional kWh, per kWh Summer, all kWh, per kWh		4.051¢ 2.759¢ 2.759¢	3.919¢ 2.673¢ 2.673¢		(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)

**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	2.674¢	2.481¢	2.330¢	(R)
	Per kWh, Off-Peak	2.624¢	2.431¢	2.280¢	(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	2.174¢			(R)
	For dusk to midnight operation, per kWh	2.174¢			
54	Per kWh	1.599¢			(R)

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	
	Mercury Vapor	21,000	172	\$ 3.75	(R)
	Mercury Vapor	55,000	412	\$ 8.99	(R)
	High Pressure Sodium	5,800	31	\$ 0.68	
	High Pressure Sodium	22,000	85	\$ 1.85	(R)
	High Pressure Sodium	50,000	176	\$ 3.84	(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> (Monthly 76 kWh)	<u>21,000</u> (Monthly 172 kWh)	<u>55,000</u> (Monthly 412 kWh)	
Horizontal, per lamp	\$1.37	\$3.09	\$7.41	(R)
Vertical, per lamp	\$1.37	\$3.09		(R)

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			
On 26-foot poles, vertical, per lamp	\$1.37			
On 30-foot poles, horizontal, per lamp		\$3.09		(R)
On 30-foot poles, vertical, per lamp		\$3.09		
On 33-foot poles, horizontal, per lamp			\$7.41	(R)

(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			
On 26-foot poles, vertical, per lamp	\$1.37			
On 30-foot poles, horizontal, per lamp		\$3.09		(R)
On 30-foot poles, vertical, per lamp		\$3.09		
On 33-foot poles, horizontal, per lamp			\$7.41	(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)		\$0.54	
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	\$2.41	(R)
High Pressure Sodium	27,500	250	115	\$3.26	
High Pressure Sodium	50,000	400	176	\$4.99	(R)
Metal Halide	12,000	175	68	\$1.93	
Metal Halide	19,500	250	94	\$2.67	

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	
High Pressure Sodium	27,500	250	115	\$1.06	(R)
High Pressure Sodium	50,000	400	176	\$1.63	
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	
Metal Halide	107,800	1,000	354	\$3.28	(R)
Non-Listed Luminaire, per kWh			0.926¢		(R)

(continued)

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	5.52%		COB	5.99%	(C)
DSW	14.91%		DSW	13.75%	(C)
Mid C	50.67%		Mid C	22.09%	
SP15	0.00%		SP15	0.00%	
Thermal	28.90%	\$19.51/MWh	Thermal	58.17%	\$19.26/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-19	-2.249	-1.714	-2.395	-2.032	-2.150	-1.612	-2.331	-1.697	-2.263	-1.770
Feb-19	-1.118	-1.221	-1.223	-1.333	-1.051	-1.112	-1.161	-1.237	-1.191	-1.270
Mar-19	-0.210	-0.081	-0.409	-0.244	-0.119	-0.009	-0.253	-0.140	-0.262	-0.136
Apr-19	0.313	0.609	0.282	0.428	0.398	0.690	0.246	0.578	0.276	0.547
May-19	0.997	0.901	0.884	0.749	1.059	0.964	0.900	0.828	0.901	0.837
Jun-19	0.163	-0.156	-0.373	-0.150	0.260	-0.093	0.024	-0.274	0.103	-0.190
Jul-19	-4.139	-3.840	-3.166	-2.003	-4.030	-3.972	-4.028	-4.055	-4.130	-3.758
Aug-19	-3.422	-2.705	-3.329	-2.653	-3.396	-2.650	-3.372	-2.773	-3.418	-2.776
Sep-19	-1.095	-1.000	-1.275	-1.139	-1.015	-0.929	-1.104	-1.046	-1.143	-1.057
Oct-19	-0.201	-0.085	-0.433	-0.242	-0.120	-0.012	-0.221	-0.132	-0.248	-0.143
Nov-19	-0.327	-0.072	-0.509	-0.245	-0.247	0.018	-0.377	-0.094	-0.380	-0.109
Dec-19	-0.348	-0.450	-0.378	-0.673	-0.277	-0.375	-0.412	-0.512	-0.340	-0.484

	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-19	-2.352	-1.762					-1.808	-1.676	-2.471	-1.998
Feb-19	-1.225	-1.315					-1.425	-1.167	-1.376	-1.503
Mar-19	-0.275	-0.176					-0.272	-0.225	-0.499	-0.367
Apr-19	0.230	0.516	0.546	0.660	0.471	0.585	0.281	0.507	0.061	0.314
May-19	0.894	0.802	1.051	0.924	0.976	0.849	0.864	0.785	0.716	0.596
Jun-19	0.059	-0.273	0.312	0.122	0.237	0.047	0.145	-0.024	-0.123	-0.351
Jul-19	-4.162	-4.161	-3.769	-2.609	-3.844	-2.685	-3.546	-2.992	-4.297	-3.837
Aug-19	-3.525	-2.813	-3.683	-2.603	-3.758	-2.678	-3.820	-2.731	-3.746	-2.923
Sep-19	-1.191	-1.099	-1.057	-0.935	-1.132	-1.011	-1.187	-1.029	-1.358	-1.281
Oct-19	-0.280	-0.179	-0.156	-0.047	-0.231	-0.122	-0.321	-0.191	-0.480	-0.377
Nov-19	-0.432	-0.139					-0.428	-0.127	-0.627	-0.351
Dec-19	-0.473	-0.507					-1.051	-0.512	-0.455	-0.735

	47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-19	-2.438	-2.012	-2.073	-1.618	-2.752	-2.298	-4.029	-3.574	-3.340	-2.886
Feb-19	-1.384	-1.525	-0.967	-1.111	-1.646	-1.790	-2.923	-3.067	-2.235	-2.378
Mar-19	-0.571	-0.436	-0.131	0.013	-0.810	-0.666	-2.087	-1.943	-1.398	-1.254
Apr-19	0.007	0.220	0.486	0.696	-0.193	0.017	-1.470	-1.260	-0.782	-0.571
May-19	0.612	0.499	1.104	0.980	0.425	0.301	-0.852	-0.976	-0.164	-0.287
Jun-19	-0.167	-0.402	0.225	0.008	-0.454	-0.671	-1.731	-1.948	-1.042	-1.259
Jul-19	-4.350	-4.036	-3.846	-3.490	-4.525	-4.169	-5.802	-5.446	-5.113	-4.757
Aug-19	-3.483	-2.952	-3.235	-2.566	-3.914	-3.245	-5.191	-4.522	-4.503	-3.833
Sep-19	-1.434	-1.325	-1.015	-0.907	-1.694	-1.586	-2.971	-2.863	-2.282	-2.174
Oct-19	-0.558	-0.433	-0.098	0.010	-0.777	-0.670	-2.054	-1.946	-1.365	-1.258
Nov-19	-0.670	-0.422	-0.233	0.030	-0.913	-0.650	-2.189	-1.926	-1.501	-1.238
Dec-19	-0.517	-0.795	-0.119	-0.366	-0.798	-1.046	-2.075	-2.322	-1.386	-1.634

(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 2017-2019 (No New Service)

(D)

	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 (No New Service)

(C)

	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

(N)

	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

(N)

**TRANSITION ADJUSTMENT
 FIVE-YEAR COST OF SERVICE OPT-OUT**
Adjustments for Consumers Electing This Option for Service Beginning January 1, 2018 (No New Service)

(C)

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

(N)

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2019
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

(N)

Attachment 1

Oregon TAM 2019 (March 2018 Initial Filing)	NPC (\$) =	1,501,455,411
	\$/MWh =	25.46

Oregon TAM 2019 (July 2018 Update Filing)	NPC (\$) =	1,465,949,855
	\$/MWh =	24.85

Oregon TAM 2019 (November 2018 Indicative Filing)	NPC (\$) =	1,439,988,207
	\$/MWh =	24.41

Update - November 8, 2018 OFPC NPC Impact (\$) 12,100,049

Oregon TAM 2019 (November 2018 Final Filing)	NPC (\$) =	1,452,088,256
	\$/MWh =	24.62

Attachment 2

November 2018
Oregon Transition Adjustment Mechanism (TAM) Final Update
Update Explanations

Updates to Net Power Costs

This update incorporates PacifiCorp's official forward price curve as of November 8, 2018, including the screening of gas-fired units, and adjustment of incremental coal prices. The impact of this update increases net power costs from the November 8, 2018 indicative filing by approximately \$3.1 million on an Oregon basis or \$12.1 million on a total company basis.

Attachment 3

**PacifiCorp
CY 2019 TAM
Production Tax Credits - Stand Alone TAM Adjustment
Final Update**

PTC Revenue Requirement in UE-323

Line no	Plant Name	PTC Expiration Date	Total Company		Factor	Factors CY 2018	Oregon Allocated	
			UE-323 Final				UE-323 Final	Revenue Requirement
1	JC Boyle	11/7/2015	\$ -		SG	25.741%	\$ -	\$ -
2	Blundell Bottoming Cycle KWh	12/1/2017	-		SG	25.741%	-	-
3	Glenrock KWh	12/30/2018	(7,949,734)		SG	25.741%	(2,046,304)	(3,293,544)
4	Glenrock III KWh	1/16/2019	(2,985,815)		SG	25.741%	(768,565)	(1,237,012)
5	Goodnoe KWh	12/17/2017	-		SG	25.741%	-	-
6	High Plains Wind	10/14/2019	(7,424,880)		SG	25.741%	(1,911,204)	(3,076,099)
7	Leaning Juniper 1 KWh	9/13/2016	-		SG	25.741%	-	-
8	Marengo KWh	8/2/2017	-		SG	25.741%	-	-
9	Marengo II KWh	6/25/2018	(2,482,279)		SG	25.741%	(638,952)	(1,028,399)
10	McFadden Ridge	10/31/2019	(2,065,509)		SG	25.741%	(531,673)	(855,732)
11	Seven Mile KWh	12/30/2018	(8,359,081)		SG	25.741%	(2,151,672)	(3,463,135)
12	Seven Mile II KWh	12/30/2018	(1,646,541)		SG	25.741%	(423,829)	(682,156)
13	Dunlap I Wind KWh	9/29/2020	(8,486,538)		SG	25.741%	(2,184,480)	(3,515,940)
14								
15	Total Production Tax Credit		<u>\$ (41,400,376)</u>				<u>\$ (10,656,679)</u>	<u>\$ (17,152,017)</u>

PTC Revenue Requirement CY 2019 - Final Update

Line no	Plant Name	PTC Expiration Date	Repowering In- Service Date	Total Company		Factor	Factors CY 2019	Oregon Allocated	
				CY 2019 Final				CY 2019 Final	Revenue Requirement
20	JC Boyle	11/7/2015		\$ -		SG	26.725%	\$ -	\$ -
21	Blundell Bottoming Cycle KWh	12/1/2017		-		SG	26.725%	-	-
22	Glenrock KWh	12/30/2018	10/1/2019	(2,677,520)		SG	26.725%	(715,562)	(948,853)
23	Glenrock III KWh	1/16/2019	8/1/2020	(172,547)		SG	26.725%	(46,113)	(61,147)
24	Goodnoe KWh	12/17/2017	12/1/2019	(400,326)		SG	26.725%	(106,986)	(141,867)
25	High Plains Wind	10/14/2019	12/1/2019	(6,821,943)		SG	26.725%	(1,823,151)	(2,417,543)
26	Leaning Juniper 1 KWh	9/13/2016	10/1/2019	(1,533,630)		SG	26.725%	(409,860)	(543,484)
27	Leaning Juniper Indemnity	9/13/2016	10/1/2019	(19,937)		SG	26.725%	(5,328)	(7,065)
28	Marengo KWh	8/2/2017	12/1/2019	(1,055,916)		SG	26.725%	(282,192)	(374,193)
29	Marengo II KWh	6/25/2018	12/1/2019	(441,520)		SG	26.725%	(117,995)	(156,465)
30	McFadden Ridge	10/31/2019	12/1/2019	(2,102,460)		SG	26.725%	(561,878)	(745,064)
31	Seven Mile KWh	12/30/2018	10/1/2019	(3,098,241)		SG	26.725%	(827,999)	(1,097,947)
32	Seven Mile II KWh	12/30/2018	10/1/2019	(649,037)		SG	26.725%	(173,454)	(230,004)
33	Dunlap I Wind KWh	9/29/2020	12/1/2020	(9,281,107)		SG	26.725%	(2,480,358)	(3,289,015)
34									
35									
36	Total Production Tax Credit			<u>\$ (28,254,184)</u>				<u>\$ (7,550,876)</u>	<u>\$ (10,012,645)</u>

Oregon-allocated PTC Baseline in Rates from UE-323 \$ (17,152,017)
2019 Recovery of PTC in Rates (10,012,645)

Oregon-allocated PTC Increase \$ 7,139,371

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, 2019

Rate Schedule	Forecast Energy	Present Schedule 201		Present Rate Spread	Target Revenues	Proposed Schedule 201	
		Rates	Revenues			Rates	Revenues
Schedule 4, Residential							
First Block kWh (0-1,000)	3,993,128,779	2.624 ¢	\$104,779,699	28.7899%	\$104,598,660	2.619 ¢	\$104,580,043
Second Block kWh (> 1,000)	1,408,634,806	3.585 ¢	\$50,499,558	13.8755%	\$50,412,305	3.579 ¢	\$50,415,040
	<u>5,401,763,585</u>		<u>\$155,279,257</u>		<u>\$155,010,965</u>		<u>\$154,995,083</u>
						Change	-\$284,174
Employee Discoun							
First Block kWh (0-1,000)	11,541,963	2.624 ¢	\$302,861			2.619 ¢	\$302,284
Second Block kWh (> 1,000)	5,433,577	3.585 ¢	\$194,794			3.579 ¢	\$194,468
	<u>16,975,540</u>		<u>\$497,655</u>				<u>\$496,752</u>
Discount			-\$124,414				-\$124,188
						Change	\$226
Schedule 23, Small General Service							
Secondary Voltage							
1st 3,000 kWh, per kWh	898,451,739	2.906 ¢	\$26,109,008	7.1739%	\$26,063,897	2.902 ¢	\$26,073,069
All additional kWh, per kWh	239,695,901	2.155 ¢	\$5,165,447	1.4193%	\$5,156,522	2.151 ¢	\$5,155,859
	<u>1,138,147,640</u>		<u>\$31,274,455</u>		<u>\$31,220,419</u>		<u>\$31,228,928</u>
						Change	-\$45,527
Primary Voltage							
1st 3,000 kWh, per kWh	747,804	2.815 ¢	\$21,051	0.0058%	\$21,015	2.810 ¢	\$21,013
All additional kWh, per kWh	326,611	2.088 ¢	\$6,820	0.0019%	\$6,808	2.085 ¢	\$6,810
	<u>1,074,415</u>		<u>\$27,871</u>		<u>\$27,823</u>		<u>\$27,823</u>
						Change	-\$48
Schedule 28, General Service 31-200kW							
Secondary Voltage							
1st 20,000 kWh, per kWh	1,387,609,618	2.842 ¢	\$39,435,865	10.8356%	\$39,367,728	2.838 ¢	\$39,380,361
All additional kWh, per kWh	566,284,646	2.763 ¢	\$15,646,445	4.2991%	\$15,619,411	2.758 ¢	\$15,618,131
	<u>1,953,894,264</u>		<u>\$55,082,310</u>		<u>\$54,987,139</u>		<u>\$54,998,492</u>
						Change	-\$83,818
Primary Voltage							
1st 20,000 kWh, per kWh	9,549,483	2.736 ¢	\$261,274	0.0718%	\$260,823	2.731 ¢	\$260,796
All additional kWh, per kWh	8,592,865	2.663 ¢	\$228,828	0.0629%	\$228,433	2.658 ¢	\$228,398
	<u>18,142,348</u>		<u>\$490,102</u>		<u>\$489,255</u>		<u>\$489,194</u>
						Change	-\$908
Schedule 30, General Service 201-999kW							
Secondary Voltage							
1st 20,000 kWh, per kWh	178,605,886	3.038 ¢	\$5,426,047	1.4909%	\$5,416,672	3.033 ¢	\$5,417,117
All additional kWh, per kWh	1,058,983,801	2.634 ¢	\$27,893,633	7.6642%	\$27,845,438	2.629 ¢	\$27,840,684
	<u>1,237,589,687</u>		<u>\$33,319,680</u>		<u>\$33,262,110</u>		<u>\$33,257,801</u>
						Change	-\$61,879
Primary Voltage							
1st 20,000 kWh, per kWh	12,169,962	3.005 ¢	\$365,707	0.1005%	\$365,075	3.000 ¢	\$365,099
All additional kWh, per kWh	78,811,664	2.597 ¢	\$2,046,739	0.5624%	\$2,043,203	2.593 ¢	\$2,043,586
	<u>90,981,626</u>		<u>\$2,412,446</u>		<u>\$2,408,278</u>		<u>\$2,408,685</u>
						Change	-\$3,761
Schedule 41, Agricultural Pumping Service							
Secondary Voltage							
Winter, 1st 100 kWh/kWh, per kWh	2,908,467	4.058 ¢	\$118,026	0.0324%	\$117,822	4.051 ¢	\$117,822
Winter, All additional kWh, per kWh	2,420,718	2.765 ¢	\$66,933	0.0184%	\$66,817	2.759 ¢	\$66,788
Summer, All kWh, per kWh	216,836,647	2.765 ¢	\$5,995,533	1.6474%	\$5,985,174	2.759 ¢	\$5,982,523
	<u>222,165,832</u>		<u>\$6,180,492</u>		<u>\$6,169,813</u>		<u>\$6,167,133</u>
						Change	-\$13,359
Primary Voltage							
Winter, 1st 100 kWh/kWh, per kWh	10,850	3.922 ¢	\$426	0.0001%	\$425	3.919 ¢	\$425
Winter, All additional kWh, per kWh	62,057	2.678 ¢	\$1,662	0.0005%	\$1,659	2.673 ¢	\$1,659
Summer, All kWh, per kWh	385,713	2.678 ¢	\$10,329	0.0028%	\$10,311	2.673 ¢	\$10,310
	<u>458,620</u>		<u>\$12,417</u>		<u>\$12,396</u>		<u>\$12,394</u>
						Change	-\$23
Schedule 47, Large General Service, Partial Requirements 1,000kW and over							
Primary Voltage							
On-Peak, per on-peak kWh	26,421,661	2.485 ¢	\$656,578			2.481 ¢	\$655,521
Off-Peak, per off-peak kWh	8,741,534	2.435 ¢	\$212,856			2.431 ¢	\$212,507
	<u>35,163,195</u>		<u>\$869,434</u>		<u>\$868,028</u>		<u>\$868,028</u>
						Change	-\$1,406
Transmission Voltage							
On-Peak, per on-peak kWh	5,452,075	2.334 ¢	\$127,251			2.330 ¢	\$127,033
Off-Peak, per off-peak kWh	6,639,997	2.284 ¢	\$151,658			2.280 ¢	\$151,392
	<u>12,092,072</u>		<u>\$278,909</u>		<u>\$278,425</u>		<u>\$278,425</u>
						Change	-\$484

PACIFIC POWER
STATE OF OREGON
TAM Schedule 201 Net Power Costs
Present and Proposed Rates and Revenues
Forecast 12 Months Ending December 31, 2019

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	341,147,887	2.679 ¢	\$9,139,352	2.5112%	\$9,123,561	2.674 ¢	\$9,122,294	
Off-Peak, per off-peak kWh	187,883,573	2.629 ¢	\$4,939,459	1.3572%	\$4,930,925	2.624 ¢	\$4,930,065	
	529,031,460		\$14,078,811		\$14,054,486		\$14,052,359	
						Change	-\$26,452	
Primary Voltage								
On-Peak, per on-peak kWh	1,006,730,271	2.485 ¢	\$25,017,247	6.8739%	\$24,974,022	2.481 ¢	\$24,976,978	
Off-Peak, per off-peak kWh	633,990,182	2.435 ¢	\$15,437,661	4.2417%	\$15,410,988	2.431 ¢	\$15,412,301	
	1,640,720,453		\$40,454,908		\$40,385,010		\$40,389,279	
						Change	-\$65,629	
Transmission Voltage								
On-Peak, per on-peak kWh	597,005,583	2.334 ¢	\$13,934,110	3.8286%	\$13,910,035	2.330 ¢	\$13,910,230	
Off-Peak, per off-peak kWh	454,280,029	2.284 ¢	\$10,375,756	2.8509%	\$10,357,829	2.280 ¢	\$10,357,585	
	1,051,285,612		\$24,309,866		\$24,267,863		\$24,267,815	
						Change	-\$42,051	
Schedule 15, Outdoor Area Lighting Service								
Secondary Voltage								
All kWh, per kWh	9,057,816	2.187 ¢	\$197,957	0.0544%	\$197,615	2.182 ¢	\$197,720	
	9,057,816		\$197,957		\$197,615		\$197,720	
						Change	-\$237	
Schedule 50, Mercury Vapor Street Lighting Service								
Secondary Voltage								
All kWh, per kWh	7,713,067	1.804 ¢	\$139,033	0.0382%	\$138,792	1.799 ¢	\$138,927	
	7,713,067		\$139,033		\$138,792		\$138,927	
						Change	-\$106	
Schedule 51, Street Lighting Service, Company-Owned System								
Secondary Voltage								
All kWh, per kWh	19,939,528	2.843 ¢	\$566,838	0.1557%	\$565,859	2.838 ¢	\$565,886	
	19,939,528		\$566,838		\$565,859		\$565,886	
						Change	-\$952	
Schedule 52, Street Lighting Service, Company-Owned System								
Secondary Voltage								
All kWh, per kWh	404,011	2.178 ¢	\$8,799	0.0024%	\$8,784	2.174 ¢	\$8,783	
	404,011		\$8,799		\$8,784		\$8,783	
						Change	-\$16	
Schedule 53, Street Lighting Service, Consumer-Owned System								
Secondary Voltage								
All kWh, per kWh	9,677,685	0.928 ¢	\$89,809	0.0247%	\$89,654	0.926 ¢	\$89,615	
	9,677,685		\$89,809		\$89,654		\$89,615	
						Change	-\$194	
Schedule 54, Recreational Field Lighting								
Secondary Voltage								
All kWh, per kWh	1,344,749	1.602 ¢	\$21,543	0.0059%	\$21,506	1.599 ¢	\$21,503	
	1,344,749		\$21,543		\$21,506		\$21,503	
						Change	-\$40	
Total before Employee Discount								
			\$365,094,937	100.0000%	\$364,464,220		\$364,463,873	
Employee Discount			-\$124,414		-\$124,188		-\$124,188	
TOTAL	13,380,647,665		\$364,970,523		\$364,340,032		\$364,339,685	
						Change	-\$630,838	
Schedule 47 Unscheduled kWh								
	2,604,109							
Total Forecast kWh								
	13,383,251,774							

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, 2019

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	Adders ¹	Net Rates	Base Rates (\$000)	% ²	Net Rates (\$000)	% ²	
					(5)	(6)	(7)	(8)	(9)	(10)	(8) - (5)	(11)/(5)	(10) - (7)	(13)/(7)	
					(5) + (6)			(8) + (9)							
Residential															
1	Residential	4	506,345	5,401,764	\$623,235	\$5,942	\$629,177	\$622,951	\$5,942	\$628,893	(\$284)	-0.1%	(\$284)	-0.1%	1
2	Total Residential		506,345	5,401,764	\$623,235	\$5,942	\$629,177	\$622,951	\$5,942	\$628,893	(\$284)	-0.1%	(\$284)	-0.1%	2
Commercial & Industrial															
3	Gen. Svc. < 31 kW	23	80,663	1,139,223	\$126,505	\$5,296	\$131,801	\$126,459	\$5,296	\$131,755	(\$46)	0.0%	(\$46)	0.0%	3
4	Gen. Svc. 31 - 200 kW	28	10,452	1,972,036	\$181,441	\$3,372	\$184,813	\$181,356	\$3,372	\$184,728	(\$85)	-0.1%	(\$85)	-0.1%	4
5	Gen. Svc. 201 - 999 kW	30	866	1,328,571	\$108,451	\$1,276	\$109,727	\$108,386	\$1,276	\$109,662	(\$65)	-0.1%	(\$65)	-0.1%	5
6	Large General Service >= 1,000 kW	48	195	3,221,037	\$226,897	(\$9,525)	\$217,372	\$226,762	(\$9,525)	\$217,237	(\$135)	-0.1%	(\$135)	-0.1%	6
7	Partial Req. Svc. >= 1,000 kW	47	6	49,859	\$5,617	(\$152)	\$5,465	\$5,615	(\$152)	\$5,463	(\$2)	-0.1%	(\$2)	-0.1%	7
8	Agricultural Pumping Service	41	7,982	222,624	\$25,979	(\$1,219)	\$24,760	\$25,966	(\$1,219)	\$24,747	(\$13)	-0.1%	(\$13)	-0.1%	8
9	Total Commercial & Industrial		100,164	7,933,350	\$674,890	(\$952)	\$673,938	\$674,544	(\$952)	\$673,592	(\$346)	-0.1%	(\$346)	-0.1%	9
Lighting															
10	Outdoor Area Lighting Service	15	6,305	9,058	\$1,167	\$216	\$1,383	\$1,167	\$216	\$1,383	\$0	0.0%	\$0	0.0%	10
11	Street Lighting Service	50	225	7,713	\$861	\$169	\$1,030	\$861	\$169	\$1,030	\$0	0.0%	\$0	0.0%	11
12	Street Lighting Service HPS	51	815	19,940	\$3,514	\$723	\$4,237	\$3,513	\$723	\$4,236	(\$1)	0.0%	(\$1)	0.0%	12
13	Street Lighting Service	52	35	404	\$53	\$9	\$62	\$53	\$9	\$62	\$0	0.0%	\$0	0.0%	13
14	Street Lighting Service	53	273	9,678	\$611	\$121	\$732	\$611	\$121	\$732	\$0	0.0%	\$0	0.0%	14
15	Recreational Field Lighting	54	104	1,345	\$112	\$21	\$133	\$112	\$21	\$133	\$0	0.0%	\$0	0.0%	15
16	Total Public Street Lighting		7,757	48,138	\$6,318	\$1,259	\$7,577	\$6,317	\$1,259	\$7,576	(\$1)	0.0%	(\$1)	0.0%	16
17	Total Sales before Emp. Disc. & AGA		614,266	13,383,252	\$1,304,443	\$6,249	\$1,310,692	\$1,303,812	\$6,249	\$1,310,061	(\$631)	-0.1%	(\$631)	-0.1%	17
18	Employee Discount				(\$484)	(\$4)	(\$488)	(\$484)	(\$4)	(\$488)	\$0		\$0		18
19	Total Sales with Emp. Disc		614,266	13,383,252	\$1,303,959	\$6,245	\$1,310,204	\$1,303,328	\$6,245	\$1,309,573	(\$631)	-0.1%	(\$631)	-0.1%	19
20	AGA Revenue				\$2,439		\$2,439	\$2,439		\$2,439	\$0		\$0		20
21	Total Sales		614,266	13,383,252	\$1,306,398	\$6,245	\$1,312,643	\$1,305,767	\$6,245	\$1,312,012	(\$631)	-0.1%	(\$631)	-0.1%	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