

November 8, 2017

VIA ELECTRONIC FILING

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

RE: UE 323—2018 Transition Adjustment Mechanism – Net Power Cost Indicative Update for 2018

PacifiCorp d/b/a Pacific Power encloses for filing the updated 2018 net power cost forecast for posting indicative transition adjustments. This filing is based on Order No. 17-444, granting the company's Transition Adjustment Mechanism (TAM) application, as adjusted for a modified Day-Ahead/Real-Time adjustment and qualifying facilities forecast, and subject to a final update.¹

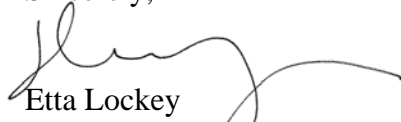
This filing indicates a 2018 net power cost forecast of \$1,432.1 million on a total company basis. Based on this indicative forecast, Oregon-allocated net power costs are \$351.8 million. This is a decrease of approximately \$3.5 million (Oregon-allocated) from the July Update. In support of this filing, the following exhibits are attached:

- Exhibit A – Summary of updates since the July Update filing and impacts on net power costs.
- Exhibit B – Description of updates to net power costs and other TAM filing elements.
- Exhibit C – Attestation of Joseph Hoerner, in accordance with paragraph 13 of the Stipulation adopted by Order No. 10-363 (Docket UE 216) and paragraph 15 of the Stipulation adopted by Order No. 14-331 (Docket UE 287).
- Exhibit D – Updated Oregon allocation of net power costs.
- Exhibit E – Copy of the indicative transition adjustments and Schedule 201 rates posted on the Company's website November 8, 2017.

The company has posted to Huddle the net power cost GRID project, report, and workpapers supporting this filing, as required by the TAM Guidelines. The confidential material is provided subject to the protective order issued in this proceeding.

Please direct questions about this filing to Natasha Siores at (503) 813-6583.

Sincerely,


Etta Lockey
Vice President, Regulation

¹ *In the Matter of PacifiCorp, dba Pacific Power, 2018 Transition Adjustment Mechanism, Docket No. UE 323, Order No. 17-444 (Nov. 1, 2017).*

CERTIFICATE OF SERVICE

I certify that I served a true and correct copy of PacifiCorp's Net Power Cost Indicative Update for 2018 on the parties listed below via electronic mail in compliance with OAR 860-001-0180.

Service List UE 323

CALPINE SOLUTIONS	
GREGORY M. ADAMS (C) RICHARDSON ADAMS, PLLC PO BOX 7218 BOISE, ID 83702 greg@richardsonadams.com	GREG BASS CALPINE ENERGY SOLUTIONS, LLC 401 WEST A ST, STE 500 SAN DIEGO, CA 92101 greg.bass@calpinesolutions.com
KEVIN HIGGINS (C) ENERGY STRATEGIES LLC 215 STATE ST - STE 200 SALT LAKE CITY, UT 84111-2322 khiggins@energystrat.com	
ICNU UE 323	
JESSE E COWELL (C) DAVISON VAN CLEVE 333 SW TAYLOR ST., SUITE 400 PORTLAND, OR 97204 jec@dvclaw.com	BRADLEY MULLINS (C) MOUNTAIN WEST ANALYTICS 333 SW TAYLOR STE 400 PORTLAND, OR 97204 brmullins@mwanalytics.com
OREGON CITIZENS UTILITY BOARD	
OREGON CITIZENS' UTILITY BOARD 610 SW BROADWAY, STE 400 PORTLAND, OR 97205 dockets@oregoncub.org	MICHAEL GOETZ (C) OREGON CITIZENS' UTILITY BOARD 610 SW BROADWAY STE 400 PORTLAND, OR 97205 mike@oregoncub.org
ROBERT JENKS (C) OREGON CITIZENS' UTILITY BOARD 610 SW BROADWAY, STE 400 PORTLAND, OR 97205 bob@oregoncub.org	
PACIFICORP UE 323	
PACIFICORP, DBA PACIFIC POWER 825 NE MULTNOMAH ST, STE 2000 PORTLAND, OR 97232 oregondockets@pacificorp.com	KATHERINE A MCDOWELL (C) MCDOWELL RACKNER & GIBSON PC 419 SW 11TH AVE., SUITE 400 PORTLAND, OR 97205 katherine@mcd-law.com

MATTHEW MCVEE (C) PACIFICORP 825 NE MULTNOMAH PORTLAND, OR 97232 matthew.mcvee@pacificorp.com	
SIERRA CLUB	
TRAVIS RITCHIE (C) SIERRA CLUB ENVIRONMENTAL LAW PROGRAM 2101 WEBSTER STREET, SUITE 1300 OAKLAND, CA 94612 travis.ritchie@sierraclub.org	JOSHUA SMITH SIERRA CLUB 2101 WEBSTER STE STE 1300 OAKLAND, CA 94612 joshua.smith@sierraclub.org
ALEXA ZIMBALIST (C) SIERRA CLUB 2101 WEBSTER ST STE 1300 OAKLAND, CA 94612 alexa.zimbalist@sierraclub.org	
STAFF UE 323	
GEORGE COMPTON (C) PUBLIC UTILITY COMMISSION OF OREGON PO BOX 1088 SALEM, OR 97308-1088 george.compton@state.or.us	SCOTT GIBBENS (C) PUBLIC UTILITY COMMISSION 201 HIGH ST SE SALEM, OR 97301 scott.gibbens@state.or.us
SOMMER MOSER (C) PUC STAFF - DEPARTMENT OF JUSTICE 1162 COURT ST NE SALEM, OR 97301 sommer.moser@doj.state.or.us	

Dated this 8th day of November, 2017.



Katie Savarin
Coordinator, Regulatory Operations

Exhibit A

Oregon TAM 2018 (April 2017 Initial Filing)	NPC (\$) =	1,545,592,389
	\$/MWh =	26.26
Oregon TAM 2018 (July 2017 Update Filing)	NPC (\$) =	1,504,177,914
	\$/MWh =	25.56
	Impact (\$)	NPC (\$)
Order Adjustments		
O01 - DART based on post EIM period	(350,782)	
O02 - QF Contract Delay Rate (CDR)	(1,458,873)	
Updates		
U01 - Wheeling Updates	(2,087,879)	
U02 - Mid Columbia Contracts Updates	(644,233)	
U03 - Gem State Contract Updates	(55,200)	
U04 - QF Contract Status	70,404	
U05 - EIM Benefits	(1,064,241)	
U06 - Pipeline Updates	245,486	
U07 - Official Forward Price Curve and Short Term Firm Transactions	(7,473,954)	
	Total Updates =	(12,819,272)
	System balancing impact of all adjustments	427,903
	Total Change from July 2017 Update Filing	(12,391,368)
Oregon TAM 2018 (November 2017 Indicative Filing)	NPC (\$) =	1,491,786,545
	\$/MWh =	25.35

Exhibit B

Exhibit B

November 2017 Oregon Transition Adjustment Mechanism (TAM) Indicative Update Update Explanations

Ordered Adjustments:

Ordered Adjustment 1 — Day-Ahead/Real-Time (DA/RT)

The Public Utility Commission of Oregon (Commission) issued Order No. 17-444 on November 1, 2017, which modified the day-ahead/real-time (DA/RT) adjustment to exclude data from periods before the company began participation in the Energy Imbalance Market (EIM). PacifiCorp excluded from the DA/RT adjustment data from calendar years 2011 through 2014. The impact of this adjustment decreases net power cost (NPC) by approximately \$85,000 on an Oregon allocated basis.

Ordered Adjustment 2 — Qualifying Facilities Contract Delay Rate (CDR)

The Commission's Order No. 17-444 required PacifiCorp to apply a rolling three year average contract delay rate (CDR) to the forecast for all new qualifying facilities (QF). The impact of this adjustment decreases NPC by approximately \$353,000 on an Oregon allocated basis.

Updates to Net Power Costs:

Update 1 – Wheeling Updates

PacifiCorp allowed long-term transmission right reserves associated with the Cholla plant to expire, effective October 1, 2018. Bonneville Power Administration (BPA) filed the Administrator's Final Record of Decision for the BP-18 Rate Proceeding in July 2017. Idaho Power Company, Platte River Power Authority and Western Area Power Administration have released updated tariff rates effective during 2017. These updates decrease NPC by approximately \$2.1 million on a total company basis. *Supporting document: U01 - BPA Final Decision_07 26 2017*

Update 2.1 – Douglas Wells Pro Forma Update

Douglas PUD provided its preliminary estimate for the FY2018 Wells project cost on August 28, 2017. This update decreases NPC by approximately \$57, 000 on a total company basis. *Supporting documents: U02.1 - Douglas_PUD_08-28-17_Wells_Preliminary_Pro-Forma_Statement_for_Fiscal_Year_2017-2018*

Update 2.2 – Grant PUD Priest Rapids and Wanapum Pro Forma Update

Grant PUD provided its preliminary estimate for the 2018 Priest Rapids project cost on September 8, 2017. This update decreases NPC by approximately \$587,000 on a total company basis. *Supporting documents: U02.2 - Grand_PUD_Prelim_2018_Priest-Wanapum_Proforma_dtd_9-07-17*

Exhibit B

Update 3 – Gem State Budget

Idaho Falls provided the Gem State operating budget on September 5, 2017, for the fiscal year beginning October 1, 2018. This update reduces NPC by approximately \$55,000 on a total company basis. *Supporting document: U03 - Idaho_Falls_9-11-17 Gem_State_Operating_Budget_Fiscal_2018*

Update 4 – QF Contract Updates

PacifiCorp has incorporated the following QF contract changes (*Supporting documents are listed in italics*):

- Terminated existing contracts based on the contract status of Fery Loyd, Inc. and Roush Hydro, Inc.
- Added or renewed QFs:
 - o Chevron Wind QF – an existing 16.5MW project in Casper Wyoming, renewed at indicative prices. *U04 - Chevron Casper Wind - Indicative Pricing Letter_2017 08 23*
 - o Brigham Young University at Idaho – a 5.6MW project in Idaho, with an online date of 06/01/2017. *U04 - BYU - Idaho 8-30-17 QF PPA ID NON CONF*
 - o Stahlbush Island Farm – a 1.6MW project in Oregon, with an online date of 09/29/2017. *U04 - Stahlbush Island Farms 5-25-17 QF PPA OR SCH 37 NON CONF*
- Based on status updates provided by the project developer, several projects expected online dates have been postponed:

	July Update	November Update
NorWest Energy 7 -Eagle Point Solar	9/9/2017	11/30/2017
Chiloquin Solar QF	10/30/2017	12/31/2017
Tumbleweed Solar QF	11/6/2017	12/31/2017
Adams Solar	11/27/2017	4/13/2018
Bly Solar	1/25/2018	4/26/2018
Elbe Solar QF	12/5/2017	5/26/2018
Mariah Wind QF	11/30/2018	12/31/2018
Orem Family Wind QF	11/30/2018	12/1/2018
Ewauna Solar 2	9/30/2017	11/30/2017
OR Solar 2 LLC - Agate Bay	10/31/2017	12/15/2017
OR Solar 7 LLC - Jacksonville	10/31/2017	3/31/2018
Bear Creek Solar	12/8/2017	5/7/2018
OR Solar 8 LLC - Dairy	12/15/2017	3/31/2018

These updates increase NPC by approximately \$70,000 on a total company basis.

Note: The online date shown in the November Update column in the table above does not reflect the CDR required in Order No. 17-444. Instead, the CDR is reflected in the Generation and Regulation Initiative Decision Tools (GRID) study for Ordered Adjustment 2 (see explanation above) and the GRID study for the system balancing impacts of all adjustments.

Update 5 – EIM Benefit

The forecasted EIM benefit was calculated consistent with the approach approved by the Commission in Order No. 17-444 and updated to incorporate the periods of

Exhibit B

April 2017 through September 2017. The flexibility reserve diversity benefit was also updated. This update decreases NPC by approximately \$1.1 million on a total company basis. *Supporting calculations: NovU05_OR TAM18w EIM forecasted benefits.*

Update 6 – Gas Pipeline Updates

Two Hermiston gas pipeline transmission contracts were updated. These updates increase NPC by approximately \$245,000 on a total company basis. *Supporting document: U06 - TransCanada Pipelines 9-19-17 TT5063 Renewal of Foothills Pipeline Gas Transport Endur 20898*

Update 7 – October 30, 2017 Official Forward Price Curve and November 1, 2017 Short-Term Firm Transactions

This update incorporates PacifiCorp's official forward price curves as of October 30, 2017, and new wholesale short term firm transactions for electricity and natural gas, both physical and financial transactions, through November 1, 2017. The impact of this update decreases NPC by approximately \$7.5 million on a total company basis. *Supporting document: NovU07_OR TAM18_STF NOV17 (171030) CONF OFPC and STF*

System balancing impact of all adjustments

This update recalculates NPC based on the inclusion of the Ordered Adjustments and Updates 1 through 7, including the screening of gas-fired units and adjustment of incremental coal prices. The combined impact of all updates decreases NPC by approximately \$12.4 million on a total company basis.

Oregon Situs Solar Projects

This update incorporates PacifiCorp's official forward price curves as of October 30, 2017. The impact of this update decreases NPC by approximately \$14,000 on an Oregon situs basis.

Updates to Non-Net Power Cost Items included in the TAM:

Please see page 1 of Exhibit D, line 38 for the changes in the following TAM elements as described below.

Non-NPC EIM Costs

This update reflects an increase in operations and non-NPC administrative costs. The impact of this update increases the total TAM filing by approximately \$22,000 on an Oregon allocated basis.

Exhibit C

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 323

In the Matter of
PACIFICORP d/b/a PACIFIC POWER,
2018 Transition Adjustment Mechanism.

ATTESTATION OF
JOSEPH P. HOERNER

1 STATE OF OREGON)
2) ss
3 County of Multnomah)

4 I, JOSEPH P. HOERNER, being first duly sworn on oath, depose and say:

5 1. My full name is Joseph P. Hoerner. I am employed by PacifiCorp. My
6 present position is Vice President, Energy Supply Management, for
7 PacifiCorp.

8 2. I am making this attestation in compliance with Paragraph 13 of the
9 stipulation adopted by the Public Utility Commission of Oregon in Order
10 No. 10-363 in docket UE 216 on September 16, 2010, and Paragraph 15 of the
11 stipulation adopted by the Commission in Order No. 14-331 on October 1,
12 2014.

13 3. I understand that this attestation will be filed concurrently with the Indicative
14 Filing of the Company's net power costs (NPC) on November 8, 2017.

15 4. I attest that all NPC contracts executed before the contract lockdown date of
16 October 30, 2017, are included in the Indicative Filing.

17 5. I attest that for the executed power purchase agreements with new QFs
18 included in the 2018 TAM, PacifiCorp has a commercially reasonable good

1 faith belief that these QFs will reach commercial operation during the rate
2 effective period based on the information known to PacifiCorp as of the
3 contract lockdown date of October 30, 2017.

4 6. After the contract lockdown date of October 30, 2017, PacifiCorp received
5 notice of delayed commercial operation for three QFs. This change was not
6 received in time to have it reflected in the Indicative Filing; however, the
7 changes will be included in the Final Filing on November 15, 2017. The
8 updates that will be made are reflected below.

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

9
10 I declare under penalty of perjury under the laws of the state of Oregon that the
11 foregoing is true and correct based on my information and belief as of the date of this
12 attestation.

13 SIGNED this: 7th day of November, 2017, at Portland, Oregon

14 Signed: Joseph Hoerner

15 SUBSCRIBED AND SWORN to before me this 7th day of November, 2017.

16 Patricia Ann Deas

17 Notary Public, State of Oregon
18 My Commission expires: March 12, 2019

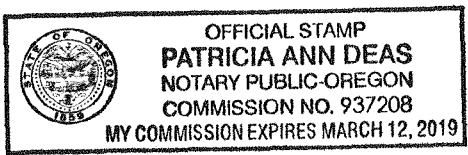


Exhibit D

PacifiCorp
CY 2018 TAM
Indicative Update

Line no	ACCT.	Total Company				Factor	Factors CY 2017	Factors CY 2018	Oregon Allocated				
		UE-307	TAM	TAM	TAM				UE-307	TAM	TAM	TAM	
		CY 2017 - Final Update	CY 2018 - Initial Filing	CY 2018 - Reply Update	CY 2018 - Indicative Update				CY 2017 - Final Update	CY 2018 - Initial Filing	CY 2018 - Reply Update	CY 2018 - Indicative Update	
1	Sales for Resale												
2	Existing Firm PPL	447	13,639,161	13,716,061	12,943,578	14,612,187	SG	25.230%	25.741%	3,441,206	3,530,588	3,331,747	3,761,255
3	Existing Firm UPL	447	-	-	-	-	SG	25.230%	25.741%	-	-	-	-
4	Post-Merger Firm	447	381,594,587	298,502,974	316,076,447	414,250,464	SG	25.230%	25.741%	96,277,598	76,836,267	81,359,773	106,630,292
5	Non-Firm	447	-	-	-	-	SE	23.757%	24.186%	-	-	-	-
6	Total Sales for Resale		395,233,748	312,219,035	329,020,026	428,862,650				99,718,804	80,366,854	84,691,520	110,391,547
7													
8	Purchased Power												
9	Existing Firm Demand PPL	555	5,136,503	4,615,778	4,880,688	4,623,187	SG	25.230%	25.741%	1,295,957	1,188,126	1,256,315	1,190,033
10	Existing Firm Demand UPL	555	23,760,262	23,985,699	23,836,008	23,836,008	SG	25.230%	25.741%	5,994,794	6,174,048	6,135,516	6,135,516
11	Existing Firm Energy	555	31,398,600	30,611,344	31,165,314	30,506,131	SE	23.757%	24.186%	7,459,433	7,403,812	7,537,798	7,378,364
12	Post-merger Firm	555	623,969,265	556,550,210	560,841,145	630,630,534	SG	25.230%	25.741%	157,429,544	143,259,010	144,363,519	162,327,682
13	Secondary Purchases	555	-	-	-	-	SE	23.757%	24.186%	-	-	-	-
14	Other Generation Expense	555	7,516,842	7,833,208	7,729,619	7,555,132	SG	25.230%	25.741%	1,896,524	2,016,310	1,989,645	1,944,732
15	Total Purchased Power		691,781,472	623,596,238	628,452,774	697,150,991				174,076,252	160,041,304	161,282,794	178,976,327
16													
17	Wheeling Expense												
18	Existing Firm PPL	565	20,923,037	21,399,139	21,571,135	21,359,209	SG	25.230%	25.741%	5,278,953	5,508,253	5,552,526	5,497,975
19	Existing Firm UPL	565	-	-	-	-	SG	25.230%	25.741%	-	-	-	-
20	Post-merger Firm	565	116,941,986	119,493,570	119,480,098	117,609,294	SG	25.230%	25.741%	29,504,856	30,758,286	30,754,818	30,273,263
21	Non-Firm	565	7,699,010	6,253,789	6,253,789	6,253,789	SE	23.757%	24.186%	1,829,070	1,512,572	1,512,572	1,512,572
22	Total Wheeling Expense		145,564,033	147,146,498	147,305,022	145,222,291				36,612,879	37,779,111	37,819,916	37,283,810
23													
24	Fuel Expense												
25	Fuel Consumed - Coal	501	735,897,583	755,958,645	725,557,593	746,991,068	SE	23.757%	24.186%	174,828,765	182,839,909	175,486,960	180,670,966
26	Fuel Consumed - Coal (Cholla)	501	53,338,302	51,489,296	53,022,785	55,114,867	SE	23.757%	24.186%	12,671,695	12,453,457	12,824,354	13,330,355
27	Fuel Consumed - Gas	501	3,089,382	3,609,585	2,729,839	3,271,112	SE	23.757%	24.186%	733,951	873,032	660,252	791,167
28	Natural Gas Consumed	547	294,175,127	268,576,421	268,719,047	265,499,980	SE	23.757%	24.186%	69,887,815	64,959,226	64,993,722	64,215,142
29	Simple Cycle Comb. Turbines	547	2,539,772	2,432,420	2,410,466	2,398,473	SE	23.757%	24.186%	603,379	588,317	583,007	580,107
30	Steam from Other Sources	503	4,416,891	5,002,321	5,000,414	5,000,414	SE	23.757%	24.186%	1,049,330	1,209,886	1,209,425	1,209,425
31	Total Fuel Expense		1,093,457,057	1,087,068,688	1,057,440,143	1,078,275,914				259,774,935	262,923,827	255,757,720	260,797,163
32													
33	Net Power Cost (Per GRID)		1,535,568,814	1,545,592,389	1,504,177,914	1,491,786,545				370,745,262	380,377,388	370,168,911	366,665,754
34													
35	Oregon Situs NPC Adjustments		486,335	615,552	663,764	650,251	OR	100.000%	100.000%	486,335	615,552	663,764	650,251
36	Total NPC Net of Adjustments		1,536,055,148	1,546,207,942	1,504,841,678	1,492,436,796				371,231,597	380,992,941	370,832,675	367,316,005
37													
38	Non-NPC EIM Costs*		4,586,168	4,619,225	6,232,850	6,317,098	SG	25.230%	25.741%	1,157,106	1,189,013	1,604,369	1,626,055
39	Production Tax Credit (PTC)		(88,116,470)	(63,857,835)	(66,634,263)	(66,634,263)	SG	25.230%	25.741%	(22,232,082)	(16,437,349)	(17,152,017)	(17,152,017)
40	Total TAM Net of Adjustments		1,452,524,847	1,486,969,332	1,444,440,265	1,432,119,631				350,156,621	365,744,605	355,285,027	351,790,043
41													
42										Increase Absent Load Change	15,587,984	5,128,406	1,633,422
43													
44										Oregon-allocated NPC (incl. PTC) Baseline in Rates from UE-307	\$350,156,621		
45										\$ Change due to load variance from UE-307 forecast	(3,134,167)		
46										2018 Recovery of NPC (incl. PTC) in Rates	\$347,022,454		
47	*EIM Benefits for the 2018 TAM are reflected in net power costs												
48										Increase Including Load Change	18,722,151	8,262,573	4,767,589
49													
50										Add Other Revenue Change	(360,057)	(360,057)	(360,057)
51													
52										Total TAM Increase	18,362,094	7,902,516	4,407,532

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

Exhibit E

PACIFIC POWER
STATE OF OREGON
Schedule 201 Rates to be Effective January 1, 2018 through UE 323 TAM
INDICATIVE

Delivery Service Schedule	Rate Block/ Lamp Type	Schedule 201 Rates		
		Secondary	Primary	Transmission
4	1st Block (≤1,000 kWh)	2.642		per kWh
	2nd Block (>1,000 kWh)	3.609		per kWh
23	1st 3,000 kWh	2.926	2.834	per kWh
	All Addl kWh	2.169	2.102	per kWh
28	1st 20,000 kWh	2.860	2.754	per kWh
	All Addl kWh	2.783	2.681	per kWh
30	1st 20,000 kWh	3.058	3.025	per kWh
	All Addl kWh	2.652	2.614	per kWh
41	Wint 1st 100kWh/kW	4.085	3.949	per kWh
	Wint All Addl kWh	2.784	2.697	per kWh
	Summer kWh	2.784	2.697	per kWh
47/48	On-Peak kWh	2.697	2.502	2.350 per kWh
	Off-Peak kWh	2.647	2.452	2.300 per kWh
15		2.202		
	MV 7,000L	\$1.67		per lamp
	MV 21,000L	\$3.79		per lamp
	MV 55,000L	\$9.07		per lamp
	HPS 5,800L	\$0.68		per lamp
	HPS 22,000L	\$1.87		per lamp
	HPS 50,000L	\$3.88		per lamp
50		1.816		
	MV 7,000L	\$1.38		per lamp
	MV 21,000L	\$3.12		per lamp
	MV 55,000L	\$7.48		per lamp
51		2.862		
	LED 4,000L/100 W(comp)	\$0.54		per lamp
	LED 6,200L/150 W(comp)	\$0.77		per lamp
	LED 13,000L/250 W(comp)	\$1.46		per lamp
	LED 16,800L/400 W(comp)	\$1.97		per lamp
	HPS 5,800L/70W	\$0.89		per lamp
	HPS 9,500L/100W	\$1.26		per lamp
	HPS 16,000L/150W	\$1.83		per lamp
	HPS 22,000L/200W	\$2.43		per lamp
	HPS 27,500L/250W	\$3.29		per lamp
	HPS 50,000L/400W	\$5.04		per lamp
	MH 12,000L/175W	\$1.95		per lamp
	MH 19,500L/250W	\$2.69		per lamp
	52	Dusk to Dawn	2.193	
Dusk to Midn.		2.193		per kWh
53		0.935		
	HPS 5,800L/70W	\$0.29		per lamp
	HPS 9,500L/100W	\$0.41		per lamp
	HPS 16,000L/150W	\$0.60		per lamp
	HPS 22,000L/200W	\$0.79		per lamp
	HPS 27,500L/250W	\$1.08		per lamp
	HPS 50,000L/400W	\$1.65		per lamp
	MH 9,000L/100W	\$0.36		per lamp
	MH 12,000L/175W	\$0.64		per lamp
	MH 19,500L/250W	\$0.88		per lamp
	MH 32,000L/400W	\$1.39		per lamp
	MH 107,800L/1,000W	\$3.31		per lamp
	Non-Listed	0.935		per kWh
54	All kWh	1.613		per kWh

PACIFIC POWER
STATE OF OREGON

One-Year Option - Transition Adjustments (cents/kWh)
November 2017 Indicative Transition Adjustments

	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	-0.419	-0.524	-0.750	-0.591	-0.320	-0.464	-0.332	-0.464	-0.389	-0.596
Feb-18	-0.102	-0.330	-0.319	-0.350	0.002	-0.268	-0.138	-0.268	-0.150	-0.383
Mar-18	-0.025	-0.084	-0.500	-0.062	-0.019	-0.028	-0.141	-0.028	-0.148	-0.155
Apr-18	0.540	0.720	0.190	0.695	0.599	0.787	0.547	0.787	0.479	0.671
May-18	0.832	0.967	0.789	1.088	0.907	1.032	0.769	1.032	0.777	0.926
Jun-18	0.686	0.258	0.515	1.557	0.759	0.304	0.600	0.304	0.630	0.258
Jul-18	0.118	-0.005	0.269	-0.479	0.177	0.069	0.174	0.069	0.079	-0.185
Aug-18	0.772	-0.790	1.277	-0.879	0.815	-0.718	1.249	-0.718	0.728	-0.397
Sep-18	-0.194	0.211	-0.759	0.236	-0.171	0.233	-0.740	0.233	-0.263	0.033
Oct-18	0.086	-0.118	-0.011	-0.311	0.067	-0.041	0.126	-0.041	-0.050	-0.194
Nov-18	-0.236	-0.457	-0.555	-0.570	-0.135	-0.387	-0.809	-0.387	-0.908	-0.506
Dec-18	0.494	-0.543	0.150	-0.770	0.653	-0.465	0.712	-0.465	0.658	-0.605

	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	-0.566	-0.655					-1.207	-0.719	-1.266	-0.805
Feb-18	-0.224	-0.422					0.244	-0.489	-0.364	-0.612
Mar-18	-0.152	-0.218					-0.734	-0.054	-0.387	-0.263
Apr-18	0.424	0.623	0.851	0.879	0.774	0.803	0.366	0.814	0.252	0.456
May-18	0.746	0.867	0.894	1.248	0.818	1.171	0.762	0.935	0.573	0.734
Jun-18	0.579	0.114	0.805	1.500	0.729	1.424	0.647	1.624	0.378	0.138
Jul-18	0.087	-0.208	-0.048	-0.070	-0.124	-0.146	-0.142	-0.207	-0.111	-0.439
Aug-18	0.706	-0.895	0.108	-0.550	0.032	-0.626	0.127	-0.589	0.496	-0.682
Sep-18	-0.281	0.126	-0.240	-0.097	-0.316	-0.173	-0.133	0.008	-0.475	-0.246
Oct-18	-0.085	-0.216	0.058	-0.142	-0.018	-0.218	-0.058	-0.319	-0.259	-0.457
Nov-18	-0.357	-0.585					-0.842	-0.308	-1.013	-0.735
Dec-18	0.471	-0.720					1.661	-0.567	0.578	-0.804

	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	-0.678	-0.880	-0.230	-0.386	-0.915	-1.071	-2.202	-2.357	-1.509	-1.664
Feb-18	-0.405	-0.658	0.003	-0.210	-0.682	-0.895	-1.969	-2.182	-1.275	-1.488
Mar-18	-0.420	-0.306	0.038	0.157	-0.647	-0.528	-1.934	-1.815	-1.240	-1.121
Apr-18	0.195	0.381	0.658	0.852	-0.027	0.167	-1.314	-1.120	-0.621	-0.426
May-18	0.462	0.630	0.952	1.297	0.267	0.612	-1.020	-0.675	-0.327	0.019
Jun-18	0.328	0.033	0.907	0.473	0.222	-0.212	-1.065	-1.499	-0.371	-0.805
Jul-18	-0.079	-0.473	0.382	-0.034	-0.303	-0.719	-1.590	-2.006	-0.896	-1.312
Aug-18	0.657	-1.098	1.128	-0.249	0.443	-0.934	-0.844	-2.221	-0.150	-1.527
Sep-18	-0.517	-0.265	-0.071	0.112	-0.756	-0.573	-2.043	-1.860	-1.350	-1.166
Oct-18	-0.319	-0.524	0.140	-0.071	-0.545	-0.756	-1.831	-2.043	-1.138	-1.349
Nov-18	-1.093	-0.775	-0.626	-0.344	-1.311	-1.029	-2.597	-2.315	-1.904	-1.622
Dec-18	0.342	-0.879	0.852	-0.443	0.167	-1.128	-1.120	-2.415	-0.426	-1.722

PACIFIC POWER
STATE OF OREGON

**Three-Year Option - Transition Adjustments (cents/kWh)
For Customers Electing Option During the November 2017 Window
November 2017 Indicative Transition Adjustments**

Adjustments for Consumers Electing This Option for 2018-2020

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2018	0.151	-0.047	0.099	-0.148
2019	0.016	-0.075	-0.040	-0.110
2020	-0.271	-0.320	-0.332	-0.335

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2018	0.197	0.221	-0.067	-0.292	-0.141	-0.423
2019	0.021	-0.123	-0.226	-0.302	-0.306	-0.391
2020	-0.299	-0.441	-0.526	-0.573	-0.575	-0.647

PACIFIC POWER
STATE OF OREGON

**Five-Year Option - Transition Adjustments (cents/kWh) and
Consumer Opt-Out Charge (cents/kWh) For Customers Electing
Option During the November 2017 Window
November 2017 Indicative Transition Adjustments**

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2018

Transition Adjustments (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2018	0.081	0.039	0.049	-0.152	-0.222
2019	0.139	0.096	0.107	-0.098	-0.172
2020	-0.069	-0.111	-0.100	-0.299	-0.364
2021	-0.247	-0.288	-0.279	-0.471	-0.529
2022	-0.251	-0.294	-0.285	-0.487	-0.548

Consumer Opt-Out Charge (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2018-2022	1.971	1.899	1.952	1.635	1.432