

November 9, 2015

***VIA ELECTRONIC FILING
AND OVERNIGHT DELIVERY***

Public Utility Commission of Oregon
201 High Street SE, Suite 100
Salem, OR 97301-1166

RE: Docket UE 296—2016 Transition Adjustment Mechanism
Net Power Cost Indicative Update for 2016

Enclosed for filing by PacifiCorp d/b/a Pacific Power (PacifiCorp or Company) is the updated 2016 net power cost forecast for posting indicative transition adjustments. This filing is based on Order No. 15-353, granting the Company's Transition Adjustment Mechanism (TAM) application, as updated, and subject to a final update.¹ This filing shows the 2016 net power cost forecast at \$1,520.3 million, total company. Based on this indicative forecast, Oregon-allocated net power costs are \$373.1 million. This is an approximate \$3.3 million (Oregon-allocated) decrease from the August Update.

In support of this filing, the following exhibits are attached:

- Exhibit A – Summary of the updates since the August Update filing and impacts on net power costs.
- Exhibit B – Description of the updates.
- 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 – Update of the 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 9, 2015.

Attached are CDs with 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.

¹ *In the Matter of PacifiCorp, dba Pacific Power, 2016 Transition Adjustment Mechanism, Docket No. UE 296, Order No. 15-353 (Oct. 26, 2015).*

Please direct any informal inquiries to Erin Apperson, Manager, Regulatory Affairs, at (503) 813-6642.

Sincerely,

A handwritten signature in cursive script that reads "R. Bryce Dalley".

R. Bryce Dalley
Vice President, Regulation

Enclosure

CERTIFICATE OF SERVICE

I certify that I served a true and correct copy of PacifiCorp's Workpapers for the Net Power Cost Indicative update for 2016 on the parties listed below via e-mail and/or overnight delivery in compliance with OAR 860-001-0180.

UE 296

OPUC Dockets (W)
Citizens' Utility Board of Oregon
610 Broadway, Suite 400
Portland, OR 97205
dockets@oregoncub.org

Sommer Moser (C)
Citizens' Utility Board of Oregon
610 Broadway, Suite 400
Portland, OR 97205
sommer@oregoncub.org

Bradley Mullins (C)
Mountain West Analytics
333 SW Taylor – Ste 400
Portland, OR 97204
brmullins@mwanalytics.com

Jesse E. Cowell (C)
Davison Van Cleve PC
333 SW Taylor – Ste 400
Portland, OR 97204
jec@dvclaw.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)
Pacific Power
825 NE Multnomah St Ste 1800
Portland, OR 97232
matthew.mcvee@pacificcorp.com

Robert Jenks (C)
Citizens' Utility Board of Oregon
610 Broadway, Suite 400
Portland, OR 97205
bob@oregoncub.org

S. Bradley Van Cleve (C)
Davison Van Cleve PC
333 SW Taylor – Ste 400
Portland, OR 97204
bvc@dvclaw.com

Kevin Higgins (C)
Energy Strategies LLC
215 State St Ste 200
Salt Lake City, UT 84111-2322
Khiggins@energystrat.com

Michael T. Weirich (C)
PUC Staff – Department of Justice
Business Activities Section
1162 Court Street NE
Salem, OR 97301-4096
Michael.weirich@state.or.us

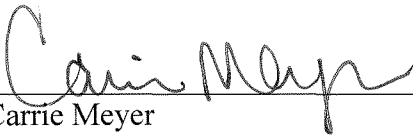
Greg Bass
Noble Americas Energy Solutions LLC
401 West A St., Ste. 500
San Diego, CA 92101
gbass@noblesolutions.com

Oregon Dockets (W)
Pacific Power
825 NE Multnomah St, Ste 2000
Portland, OR 97232
oregondockets@pacificcorp.com

Gregory M. Adams (C)
Richardson Adams, PLLC
PO Box 7218
Boise, ID 83702
greg@richardsonadams.com

Jorge Ordonez (C)
Public Utility Commission of Oregon
PO Box 1088
Salem, OR 97308
jorge.ordonez@state.or.us

Dated this 9th day of November 2015.



Carrie Meyer
Supervisor, Regulatory Operations

EXHIBIT A

Exhibit A

Oregon TAM 2016 (April 2015 Initial Filing)	NPC (\$) =	1,537,615,613
	\$/MWh =	25.21

Oregon TAM 2016 (August 2015 Update Filing)	NPC (\$) =	1,536,650,137
	\$/MWh =	25.19

Updates	Impact (\$)	NPC (\$)
U01 - QF Contract Updates	1,488,799	
U02 - Incorporate EIM results through September 2015	916,434	
U03 - Douglas Wells Proforma	(32,950)	
U04 - Grant Priest Rapids and Wanapum Proforma	230,190	
U05 - Gem State Budget	(1,864,300)	
U06 - Terminate IPP Purchase and Sale	-	
U07 - Tristate Purchase Contract Price	39,744	
U08 - BPA Wind Sale Contract Price	(70,542)	
U09 - Nucor Interruptible Load Contract	1,111,800	
U10 - Gas Pipeline Tariff Updates	(34,143)	
U11 - PacifiCorp OATT Loss Rate	(16,462)	
U12 - OFPC and Short Term Firm Transactions	(17,814,935)	
	Total Updates =	(16,046,365)
	System balancing impact of all adjustments	(279,810)
	Total Change from August 2015 Update Filing	(16,326,175)
	Oregon TAM 2016 (August 2015 Filing)	NPC (\$) = 1,520,323,962
		\$/MWh = 24.92

EXHIBIT B

November 2015
Oregon Transition Adjustment Mechanism (TAM) Indicative Update
Update Explanations

Update 1 – QF Contract Updates

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

- Added Three Peaks Solar, an 80 megawatt projected located in Utah, with an online date of 12/31/2016. *U01 - Three Peaks Power 8-13-15 PRELIM QF PPA UT SCH 38 CONF.pdf*
- Incorporated the 2016 pricing from the executed contract with Tesoro. *U01 - Tesoro Refining 9-19-13 PRELIMINARY QF PPA CONF.pdf*
- Added new small qualifying facilities:
 - o Chiloquin Solar QF – a 9.9MW project in Oregon, with an online date of 12/16/2016.
 - o Tumbleweed Solar QF – a 9.9MW project in Oregon, with an online date of 12/16/2016.
 - o Consolidated Irrigation QF – a 0.5 MW hydro project in Idaho, which came online in September 2015.
U01 - Chiloquin Solar 10-12-15 QF PPA OR SCH 37 NON CONF.pdf
U01 - Tumbleweed Solar 10-12-15 QF PPA OR SCH 37 NON CONF.pdf
U01 - Consolidated Irrigation Co 9.11.15 QF PPA ID NON CONF.pdf
- Removed the Manderfield and Falvey contracts, small solar projects that have been terminated by their developers.
- Based on status updates provided by the project developer, the Chopin Wind project expected online date has been postponed to 10/31/2016. Similarly, the expected online dates for four small Oregon solar projects were postponed beyond 12/31/2016, so they are no longer reflected in the 2016 forecast period.
- Deliveries from the Enterprise I, II, and III, and Escalante Solar projects are now expected to begin three months early, on July 31, 2016. Generation prior to the contractual commercial operation date is purchased at market indexed prices in accordance with the contract.
- The Company entered a QF power purchase agreement for the Sigurd Solar project on September 18, 2015, but was notified on November 5, 2015 that the agreement was terminated by the developer. This agreement has not been included in the 2016 TAM.

This update increases total-company net power costs by approximately \$1.5 million.

Update 2 – EIM Results through September 2015

This update incorporates EIM benefit results from July through September 2015 in the forecasted benefits for EIM inter-regional imports and exports, as well as flexibility reserve diversity. This update increases total-company net power costs by approximately \$916,000. *Supporting calculations are provided in the Company's workpapers.*

Exhibit B

Update 3 – Douglas Wells Proforma Update

Douglas PUD provided its preliminary estimate for the FY2016 Wells project cost on August 25, 2015. This update decreases total-company net power costs by approximately \$33,000. *Supporting documents: U03 - Douglas PUD Wells Pro-Forma Statement FY 2015-2016 CONF.pdf*

Update 4 – Grant Priest Rapids and Wanapum Proforma Update

Grant PUD provided its preliminary estimate for the 2016 Priest Rapids project cost on September 3, 2015. This update increases total-company net power costs by approximately \$230,000. *Supporting documents: U04 - Grant PUD Corr - Prelim 2016 Priest Rapids-Wanapum Proforma dtd 9-3-15 CONF.pdf*

Update 5 – Gem State Budget

Idaho Falls provided the Gem State operating budget on July 29, 2015, for the fiscal year beginning October 1, 2014. This update decreases total-company net power costs by approximately \$1.9 million. *Supporting document: U03 - Idaho Falls 7-29-15 Notice for Gem State Budget Preliminary FY 2016 Endur 20245 CONF.pdf*

Update 6 – Terminate the Intermountain Power Purchase and Sale Contracts

The Company has been selling energy and capacity rights to Los Angeles Department of Water and Power (LADWP) that were equal to the rights purchased from the Intermountain Power Project. The purchase and sale will terminate effective December 6, 2015, resulting in equal and offsetting reductions to wholesale sales revenue and purchased power expense with no net impact on net power costs. *Supporting document: U03 - Intermountain Pwr Agency Termination of Power Sales Agreement CONF.pdf, U03 - LADWP Termination of Power Purchase Agreement (IPP Layoff) CONF.pdf*

Update 7 – Tri-State Purchase Contract Energy and Capacity Prices

This update reflects new capacity and energy rates for the Tri-State Generation and Transmission contract, per communication from Tri-State dated September 28, 2015. This contract increases net power costs by approximately \$40,000 on a total-company basis. *Supporting document: Tri-State Corr - 2015 Capacity and Energy Rates plus 2015 Budget CONF.pdf*

Update 8 – BPA Wind Sale Annual Price Update

This update reflects new energy rates for the BPA Wind Sale contract, per communication provided to BPA dated October 30, 2015. This contract decreases net power costs by approximately \$71,000 on a total-company basis. *Supporting document: U03 - BPA_Ltr_10-29-15_Foote_Creek_I_Estimated_Price_for_2016 CONF.pdf*

Update 9 – Nucor Interruptible Load Contract

Exhibit B

This update incorporates new prices for Nucor's operating reserves for 2016. The contract was signed November 3, 2015, and is subject to approval by the Utah Public Service Commission, which is expected prior to December 31, 2015. This contract increases net power costs by approximately \$1.1 million on a total-company basis. *Supporting document: U09 - ESA - RMP & Nucor 2015-11-03 CONF.pdf*

Update 10 – Gas Pipeline Tariff Updates

This update incorporates updated Gas Transmission Northwest rates for Hermiston and updated Questar tariff rates for Gadsby and Lake Side. This update decreases net power costs by approximately \$34,000 on a total-company basis.

Supporting documents available online:

Gas Transmission Northwest: <http://tcplus.com/GTN/Tariff/CurrEffRates>

Questar: <https://www.questargas.com/Tariffs/uttariff.pdf>

Update 11 – PacifiCorp Open Access Transmission Tariff (OATT) Loss Rate

Schedule 10 of Company's OATT contains the losses applicable to users of the Company's transmission system and is also used in determining the volumes under several contracts included in net power costs. The rate is changing from 4.26% to 4.45% effective 12/1/2015 as a result of a settlement in FERC docket ER15-1524. FERC approval is expected prior to December 31, 2015. This update decreases net power costs by approximately \$16,000 on a total-company basis, and the updated loss rate is also reflected in the transition adjustment calculations. *Supporting document available online:*

<http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=13992314>

Update 12 – November 2, 2015 Official Forward Price Curve and November 3, 2015 Short-Term Firm Transactions

This update incorporates the Company's official forward price curves as of November 2, 2015, and new wholesale short term firm transactions for electricity and natural gas, both physical and financial transactions, through November 3, 2015. The impact of this update decreases net power costs by approximately \$17.8 million on a total-company basis. *Supporting document: U12 - ORTAM15 New Short term transactions NOV15 CONF.xlsx.*

System balancing impact of all adjustments

This update recalculates net power costs based on the inclusion of the correction and updates 1 through 12, including the screening of gas-fired units. The combined impact of all updates decreases net power costs by approximately \$16.3 million on a total-company basis.

EXHIBIT C

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 296

In the Matter of
PACIFICORP d/b/a PACIFIC POWER,
2016 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 Director, Energy Supply Management, for PacifiCorp.

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

12 3. I understand that this attestation will be filed concurrently with the Indicative
13 Filing of the Company's net power costs (NPC) on November 9, 2015.

14 4. I attest that all NPC contracts (a) executed before the contract lockdown date
15 of November 3, 2015, and (b) included in the 2016 TAM rate effective period,
16 are reflected in the Indicative Filing.

17 5. I attest that for the executed power purchase agreements with new QFs
18 included in the 2016 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 November 3, 2015. On November 5, 2015, after
4 the contract lockdown date, the Company received notification that a QF
5 power purchase agreement for the Sigurd Solar project, which was originally
6 signed September 18, 2015, was terminated by the developer. This agreement
7 is therefore not included in the 2016 TAM.

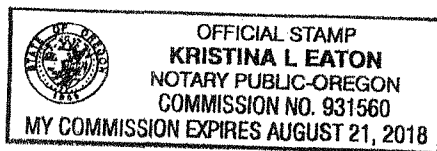
8 I declare under penalty of perjury under the laws of the state of Oregon that the
9 foregoing is true and correct based on my information and belief as of the date of this
10 attestation.

11 SIGNED this: 9th day of November, 2015, at Portland, Oregon

12 Signed: Joseph P H

13 SUBSCRIBED AND SWORN to before me this 9th day of November, 2015.

14 Kristina L Eaton



Notary Public, State of Oregon

My Commission expires: August 21, 2018

EXHIBIT D

Exhibit D

PacifiCorp
CY 2016 TAM

Line no	ACCT.	Total Company				Factor	Factors CY 2015	Factors CY 2016	Oregon Allocated				
		UE-287		Reply Update CY 2016	TAM Indicative CY 2016				UE-287		Reply Update CY 2016	TAM Indicative CY 2016	
		Final TAM CY 2015	TAM CY 2016						Final TAM CY 2015	TAM CY 2016			
1		Sales for Resale											
2	447	14,460,450	14,516,523	14,842,118	14,590,576	SG	25.687%	25.464%	3,714,489	3,696,443	3,779,351	3,715,300	
3	447	29,139,801	26,803,485	26,803,485	-	SG	25.687%	25.464%	7,485,207	6,825,157	6,825,157	-	
4	447	414,915,695	376,599,095	349,727,494	308,101,962	SG	25.687%	25.464%	106,580,340	95,896,037	89,053,535	78,454,137	
5	447	-	-	-	-	SE	24.484%	24.074%	-	-	-	-	
6		458,515,946	417,919,102	391,373,096	322,692,539				117,780,036	106,417,637	99,658,043	82,169,437	
7													
8		Purchased Power											
9	555	3,538,604	4,635,674	4,846,373	5,385,098	SG	25.687%	25.464%	908,969	1,180,414	1,234,066	1,371,245	
10	555	52,672,295	53,565,725	52,853,542	25,957,591	SG	25.687%	25.464%	13,530,052	13,639,812	13,458,463	6,609,761	
11	555	28,521,106	33,338,675	33,514,101	32,987,786	SE	24.484%	24.074%	6,983,099	8,026,082	8,068,315	7,941,608	
12	555	537,557,343	535,787,067	534,397,710	533,713,481	SG	25.687%	25.464%	138,083,579	136,431,173	136,077,392	135,903,162	
13	555	-	-	-	-	SE	24.484%	24.074%	-	-	-	-	
14	555	3,522,855	6,262,777	6,450,452	6,783,968	SG	25.687%	25.464%	904,924	1,594,734	1,642,523	1,727,449	
15		625,812,203	633,589,918	632,062,178	604,827,924				160,410,624	160,872,215	160,480,759	153,553,224	
16													
17		Wheeling Expense											
18	565	27,165,030	21,064,818	21,008,517	21,008,517	SG	25.687%	25.464%	6,977,943	5,363,880	5,349,544	5,349,544	
19	565	-	-	-	-	SG	25.687%	25.464%	-	-	-	-	
20	565	112,170,725	118,768,709	119,126,778	119,123,511	SG	25.687%	25.464%	28,813,550	30,242,899	30,334,077	30,333,245	
21	565	6,904,205	8,415,001	8,466,629	8,447,503	SE	24.484%	24.074%	1,690,424	2,025,860	2,038,289	2,033,685	
22		146,239,960	148,248,527	148,601,924	148,579,531				37,481,916	37,632,640	37,721,910	37,716,474	
23													
24		Fuel Expense											
25	501	760,067,707	766,272,808	758,188,415	686,436,959	SE	24.484%	24.074%	186,094,753	184,475,497	182,529,229	165,255,504	
26	501	60,047,431	58,220,045	54,005,282	39,745,449	SSECH/SE	24.484%	24.074%	14,701,995	14,016,120	13,001,442	9,568,474	
27	501	3,732,974	5,004,816	4,792,819	4,014,322	SE	24.484%	24.074%	913,980	1,204,879	1,153,842	966,424	
28	547	333,797,813	334,547,426	321,427,241	351,105,305	SE	24.484%	24.074%	81,726,958	80,540,249	77,381,645	84,526,457	
29	547	5,273,378	4,853,712	4,108,614	3,470,251	SSECT/SE	24.484%	24.074%	1,291,132	1,168,501	989,124	835,442	
30	503	4,328,145	4,797,463	4,836,760	4,836,760	SE	24.484%	24.074%	1,059,702	1,154,960	1,164,420	1,164,420	
31		1,167,247,450	1,173,696,270	1,147,359,131	1,089,609,046				285,788,521	282,560,207	276,219,701	262,316,721	
32													
33		Net Power Cost (Per GRID)											
34		1,480,783,666	1,537,615,613	1,536,650,137	1,520,323,962				365,901,025	374,647,425	374,764,328	371,416,983	
35													
36		(1,300,000)				SG	25.687%	25.464%	(333,934)				
37		(6,700,000)				SG	25.687%	25.464%	(1,721,044)				
38		(141,066)	(131,143)	436,024	504,700	OR	100.000%	100.000%	(141,066)	(131,143)	436,024	504,700	
39		1,472,642,600	1,537,484,470	1,537,086,161	1,520,828,662				363,704,981	374,516,282	375,200,352	371,921,683	
40													
41		6,700,000	4,612,380	4,616,469	4,619,736	SG	25.687%	25.464%	1,721,044	1,174,482	1,175,523	1,176,355	
42		1,479,342,600	1,542,096,849	1,541,702,630	1,525,448,398				365,426,026	375,690,764	376,375,875	373,098,038	
43													
44									Increase Absent Load Change	10,264,739	10,949,849	7,672,013	
45													
46									Oregon-allocated NPC Baseline in Rates from UE-287	\$365,426,026			
47									\$ Change due to load variance from UE-287 forecast	822,040			
48									2016 Recovery of NPC in Rates	\$366,248,066			
49													
50									Increase Including Load Change	9,442,698	10,127,809	6,849,972	
51													
52									Add Other Revenue Change	2,309,696	2,308,753	2,308,808	
53													
54									Total TAM Increase	11,752,395	12,436,563	9,158,781	
									Change from Initial Filing		684,168	(2,593,614)	

EXHIBIT E

PACIFIC POWER
STATE OF OREGON

One-Year Option - Transition Adjustments (cents/kWh)
November 2015 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-16	-0.223	0.334	-0.609	0.131	-0.177	0.400	-0.248	0.278	-0.364	0.261
Feb-16	0.167	0.531	0.060	0.356	0.276	0.621	0.144	0.461	0.123	0.448
Mar-16	0.622	0.484	0.686	0.357	0.682	0.556	0.545	0.372	0.563	0.411
Apr-16	0.561	0.473	0.450	0.313	0.640	0.501	0.508	0.413	0.500	0.412
May-16	0.953	0.861	0.416	0.715	0.957	0.965	0.738	0.824	0.543	0.829
Jun-16	-0.035	0.841	-0.301	0.661	-0.076	0.893	-0.033	0.709	-0.215	0.784
Jul-16	-0.818	-0.014	-0.862	-0.159	-0.758	0.035	-1.132	-0.179	-0.857	-0.061
Aug-16	-1.523	-0.114	-1.339	-0.231	-1.356	-0.079	-0.951	-0.243	-1.479	-0.208
Sep-16	-0.191	0.492	-0.483	0.255	-0.198	0.561	-0.209	0.561	-0.333	0.415
Oct-16	-0.191	0.215	0.117	0.080	-0.116	0.286	-0.296	0.128	-0.194	0.155
Nov-16	0.349	-0.016	-0.412	-0.172	0.427	0.040	0.508	-0.097	0.325	-0.091
Dec-16	0.647	-0.139	0.997	-0.189	0.882	-0.064	0.583	-0.190	0.747	-0.133

	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-16	-0.365	0.220					-0.458	0.226	-0.616	0.025
Feb-16	0.116	0.419					0.093	0.481	-0.147	0.207
Mar-16	0.546	0.330					0.724	0.456	0.373	0.153
Apr-16	0.470	0.336	1.810	0.459	1.733	0.382	0.860	0.389	0.455	0.185
May-16	0.833	0.797	0.752	0.912	0.676	0.836	0.818	0.779	0.343	0.568
Jun-16	-0.272	0.703	0.066	0.907	-0.011	0.830	0.014	0.800	-0.438	0.567
Jul-16	-0.944	-0.151	-0.663	0.094	-0.740	0.018	-0.723	-0.058	-1.114	-0.259
Aug-16	-1.524	-0.285	-0.706	0.025	-0.783	-0.051	-0.779	-0.127	-1.730	-0.408
Sep-16	-0.323	0.380	-0.181	0.463	-0.257	0.386	-0.398	0.357	-0.529	0.159
Oct-16	-0.259	0.107	-0.279	0.292	-0.356	0.216	-0.287	0.201	-0.470	-0.070
Nov-16	0.208	-0.142					-0.416	-0.068	0.149	-0.304
Dec-16	0.496	-0.263					0.913	-0.199	0.293	-0.466

	47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-16	-0.571	-0.041	-0.167	0.440	-0.880	-0.272	-2.208	-1.600	-1.492	-0.885
Feb-16	-0.190	0.140	0.262	0.639	-0.451	-0.074	-1.779	-1.402	-1.063	-0.686
Mar-16	0.273	0.111	0.789	0.596	0.076	-0.116	-1.251	-1.444	-0.536	-0.729
Apr-16	0.230	0.107	0.670	0.585	-0.042	-0.127	-1.370	-1.455	-0.655	-0.740
May-16	0.268	0.488	0.771	0.973	0.059	0.261	-1.269	-1.067	-0.554	-0.352
Jun-16	-0.431	0.468	-0.005	0.969	-0.717	0.257	-2.045	-1.071	-1.330	-0.356
Jul-16	-1.300	-0.338	-0.821	0.145	-1.533	-0.567	-2.861	-1.895	-2.146	-1.180
Aug-16	-1.137	-0.446	-0.677	0.029	-1.390	-0.683	-2.717	-2.011	-2.002	-1.296
Sep-16	-0.617	0.099	-0.152	0.588	-0.864	-0.125	-2.192	-1.452	-1.477	-0.737
Oct-16	-0.544	-0.148	-0.036	0.337	-0.748	-0.375	-2.076	-1.703	-1.361	-0.988
Nov-16	0.079	-0.357	0.557	0.115	-0.155	-0.597	-1.483	-1.925	-0.768	-1.210
Dec-16	0.416	-0.427	0.966	0.046	0.253	-0.667	-1.074	-1.995	-0.359	-1.279

PACIFIC POWER
STATE OF OREGON

Three-Year Option - Transition Adjustments (cents/kWh)
For Customers Electing Option During the November 2015 Window
November 2015 Indicative Transition Adjustments

Adjustments for Consumers Electing This Option for 2016-2018

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2016	-0.016	0.237	-0.019	0.199
2017	-0.170	0.060	-0.242	0.022
2018	-0.309	-0.019	-0.359	-0.066

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2016	-0.159	0.147	-0.241	-0.018	-0.275	-0.061
2017	-0.235	0.156	-0.409	-0.156	-0.485	-0.230
2018	-0.305	-0.014	-0.523	-0.254	-0.621	-0.325

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 2015 Window
November 2015 Indicative Transition Adjustments

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2016

Transition Adjustments (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2016	0.189	0.144	0.156	-0.054	-0.130
2017	0.179	0.132	0.144	-0.076	-0.156
2018	0.042	-0.005	0.007	-0.215	-0.291
2019	-0.067	-0.115	-0.101	-0.327	-0.401
2020	-0.223	-0.271	-0.258	-0.483	-0.552

Consumer Opt-Out Charge (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2016-2020	1.767	1.839	1.821	1.500	1.325

PacifiCorp
CY 2016 TAM

Line no	ACCT.	Total Company				Factor	Factors CY 2015	Factors CY 2016	Oregon Allocated				
		UE-287		Reply Update CY 2016	TAM Indicative CY 2016				UE-287		Reply Update CY 2016	TAM Indicative CY 2016	
		Final TAM CY 2015	TAM CY 2016						Final TAM CY 2015	TAM CY 2016			
1		Sales for Resale											
2	447	14,460,450	14,516,523	14,842,118	14,590,576	SG	25.687%	25.464%	3,714,489	3,696,443	3,779,351	3,715,300	
3	447	29,139,801	26,803,485	26,803,485	-	SG	25.687%	25.464%	7,485,207	6,825,157	6,825,157	-	
4	447	414,915,695	376,599,095	349,727,494	308,101,962	SG	25.687%	25.464%	106,580,340	95,896,037	89,053,535	78,454,137	
5	447	-	-	-	-	SE	24.484%	24.074%	-	-	-	-	
6		458,515,946	417,919,102	391,373,096	322,692,539				117,780,036	106,417,637	99,658,043	82,169,437	
7		Purchased Power											
9	555	3,538,604	4,635,674	4,846,373	5,385,098	SG	25.687%	25.464%	908,969	1,180,414	1,234,066	1,371,245	
10	555	52,672,295	53,565,725	52,853,542	25,957,591	SG	25.687%	25.464%	13,530,052	13,639,812	13,458,463	6,609,761	
11	555	28,521,106	33,338,675	33,514,101	32,987,786	SE	24.484%	24.074%	6,983,099	8,026,082	8,068,315	7,941,608	
12	555	537,557,343	535,787,067	534,397,710	533,713,481	SG	25.687%	25.464%	138,083,579	136,431,173	136,077,392	135,903,162	
13	555	-	-	-	-	SE	24.484%	24.074%	-	-	-	-	
14	555	3,522,855	6,262,777	6,450,452	6,783,968	SG	25.687%	25.464%	904,924	1,594,734	1,642,523	1,727,449	
15		625,812,203	633,589,918	632,062,178	604,827,924				160,410,624	160,872,215	160,480,759	153,553,224	
16		Wheeling Expense											
18	565	27,165,030	21,064,818	21,008,517	21,008,517	SG	25.687%	25.464%	6,977,943	5,363,880	5,349,544	5,349,544	
19	565	-	-	-	-	SG	25.687%	25.464%	-	-	-	-	
20	565	112,170,725	118,768,709	119,126,778	119,123,511	SG	25.687%	25.464%	28,813,550	30,242,899	30,334,077	30,333,245	
21	565	6,904,205	8,415,001	8,466,629	8,447,503	SE	24.484%	24.074%	1,690,424	2,025,860	2,038,289	2,033,685	
22		146,239,960	148,248,527	148,601,924	148,579,531				37,481,916	37,632,640	37,721,910	37,716,474	
23		Fuel Expense											
25	501	760,067,707	766,272,808	758,188,415	686,436,959	SE	24.484%	24.074%	186,094,753	184,475,497	182,529,229	165,255,504	
26	501	60,047,431	58,220,045	54,005,282	39,745,449	SSECH/SE	24.484%	24.074%	14,701,995	14,016,120	13,001,442	9,568,474	
27	501	3,732,974	5,004,816	4,792,819	4,014,322	SE	24.484%	24.074%	913,980	1,204,879	1,153,842	966,424	
28	547	333,797,813	334,547,426	321,427,241	351,105,305	SE	24.484%	24.074%	81,726,958	80,540,249	77,381,645	84,526,457	
29	547	5,273,378	4,853,712	4,108,614	3,470,251	SSECT/SE	24.484%	24.074%	1,291,132	1,168,501	989,124	835,442	
30	503	4,328,145	4,797,463	4,836,760	4,836,760	SE	24.484%	24.074%	1,059,702	1,154,960	1,164,420	1,164,420	
31		1,167,247,450	1,173,696,270	1,147,359,131	1,089,609,046				285,788,521	282,560,207	276,219,701	262,316,721	
32		Net Power Cost (Per GRID)											
33		1,480,783,666	1,537,615,613	1,536,650,137	1,520,323,962				365,901,025	374,647,425	374,764,328	371,416,983	
34													
35													
36		(1,300,000)				SG	25.687%	25.464%	(333,934)				
37		(6,700,000)				SG	25.687%	25.464%	(1,721,044)				
38		(141,066)	(131,143)	436,024	504,700	OR	100.000%	100.000%	(141,066)	(131,143)	436,024	504,700	
39		1,472,642,600	1,537,484,470	1,537,086,161	1,520,828,662				363,704,981	374,516,282	375,200,352	371,921,683	
40													
41		6,700,000	4,612,380	4,616,469	4,619,736	SG	25.687%	25.464%	1,721,044	1,174,482	1,175,523	1,176,355	
42		1,479,342,600	1,542,096,849	1,541,702,630	1,525,448,398				365,426,026	375,690,764	376,375,875	373,098,038	
43													
44									Increase Absent Load Change	10,264,739	10,949,849	7,672,013	
45													
46									Oregon-allocated NPC Baseline in Rates from UE-287	\$365,426,026			
47									\$ Change due to load variance from UE-287 forecast	822,040			
48									2016 Recovery of NPC in Rates	\$366,248,066			
49		*EIM Benefits for the 2016 TAM are reflected in net power costs											
50									Increase Including Load Change	9,442,698	10,127,809	6,849,972	
51													
52									Add Other Revenue Change	2,309,696	2,308,753	2,308,808	
53													
54									Total TAM Increase	11,752,395	12,436,563	9,158,781	
									Change from Initial Filing		684,168	(2,593,614)	

PacifiCorp

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

Period Ending
 Dec-15

	<u>Merged</u> <u>01/15-12/15</u>	<u>Pre-Merger</u> <u>Demand</u>	<u>Pre-Merger</u> <u>Energy</u>	<u>Non-Firm</u>	<u>Post-Merger</u>
SPECIAL SALES FOR RESALE					
Pacific Pre Merger	14,460,450	14,460,450			
Post Merger	414,915,695				414,915,695
Utah Pre Merger	29,139,801	29,139,801			
NonFirm Sub Total	-			-	
TOTAL SPECIAL SALES	458,515,946	43,600,251	-	-	414,915,695
PURCHASED POWER & NET INTERCHANGE					
BPA Peak Purchase	-	-			
Pacific Capacity	-				
Mid Columbia	2,628,303	788,491	1,839,812		
Misc/Pacific	235,042	48,739	186,303		
Q.F. Contracts/PPL	65,345,400	2,701,374	13,161,487		49,482,539
Small Purchases west	-				
Pacific Sub Total	68,208,745	3,538,604	15,187,602		49,482,539
Gemstate	3,191,800		3,191,800		
GSLM	-				
QF Contracts/UPL	103,691,443	23,532,494	10,085,355		70,073,594
IPP Layoff	29,139,801	29,139,801			
Small Purchases east	56,350		56,350		
UP&L to PP&L	-				
Utah Sub Total	136,079,393	52,672,295	13,333,504		70,073,594
APS Supplemental p27875	688,076				688,076
Avoided Cost Resource	-				-
Blanding Purchase p379174	-				-
BPA Reserve Purchase	-				-
Chehalis Station Service	-				-
Combine Hills Wind p160595	5,184,876				5,184,876
Deseret Purchase p194277	35,995,219				35,995,219
Georgia-Pacific Camas	6,501,763				6,501,763
Hermiston Purchase p99563	83,234,428				83,234,428
Hurricane Purchase p393045	125,120				125,120
Idaho Power p278538	-				-
Kennecott Generation Incentive	-				-
LADWP p491303-4	-				-
MagCorp p229846	-				-
MagCorp Reserves p510378	6,355,850				6,355,850
Nucor p346856	6,018,000				6,018,000
P4 Production p137215/p145258	19,999,999				19,999,999
Rock River Wind p100371	4,940,852				4,940,852
Roseburg Forest Products p312292	-				-
Three Buttes Wind p460457	20,598,497				20,598,497
Top of the World Wind p522807	40,244,926				40,244,926
Tri-State Purchase p27057	10,397,132				10,397,132
West Valley Toll	-				-
Wolverine Creek Wind p244520	10,256,405				10,256,405
BPA So. Idaho p64885/p83975/p647	(42)				(42)
Cargill p483225/s6 p485390/s89	-				-
PSCo Exchange p340325	5,400,000				5,400,000
Shell p489963/s489962	-				-
Seasonal Purchased Power					
Constellation 2013-2016	5,726,000				5,726,000

PacifiCorp

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

Period Ending
 Dec-15

	Merged 01/15-12/15	Pre-Merger Demand	Pre-Merger Energy	Non-Firm	Post-Merger
Short Term Firm Purchases	156,334,108				156,334,108

New Firm Sub Total	418,001,210	-	-		418,001,210
Integration Charge	3,522,855				3,522,855
Non Firm Sub Total	-				-

TOTAL PURCHASED PW & NET INT.	625,812,203	56,210,899	28,521,106		541,080,198

WHEELING & U. OF F. EXPENSE					
Pacific Firm Wheeling and Use of Facilit	27,165,030	27,165,030			
Utah Firm Wheeling and Use of Facilitie	-	-			
Post Merger	112,170,725				112,170,725
Nonfirm Wheeling	6,904,205			6,904,205	

TOTAL WHEELING & U. OF F. EXPENSE	146,239,960	27,165,030	-	6,904,205	112,170,725

THERMAL FUEL BURN EXPENSE					
Carbon	6,907,600			6,907,600	
Cholla	60,047,431			60,047,431	
Colstrip	16,484,142			16,484,142	
Craig	25,037,792			25,037,792	
Chehalis	61,194,110			61,194,110	
Currant Creek	50,991,501			50,991,501	
Dave Johnston	62,302,185			62,302,185	
Gadsby	3,732,974			3,732,974	
Gadsby CT	5,273,378			5,273,378	
Hayden	13,788,485			13,788,485	
Hermiston	44,373,411			44,373,411	
Hunter	160,405,628			160,405,628	
Huntington	120,143,054			120,143,054	
Jim Bridger	220,367,269			220,367,269	
Lake Side 1	82,416,150			82,416,150	
Lake Side 2	94,822,641			94,822,641	
Little Mountain	-			-	
Naughton - Gas	-			-	
Naughton	106,221,687			106,221,687	
Wyodak	28,409,864			28,409,864	

TOTAL FUEL BURN EXPENSE	1,162,919,304	-	-	1,162,919,304	-

OTHER GENERATION EXPENSE					
Blundell	4,328,145			4,328,145	

TOTAL OTHER GEN. EXPENSE	4,328,145	-	-	4,328,145	-
=====					
NET POWER COST	1,480,783,666	39,775,677	28,521,106	1,174,151,655	238,335,228
=====					

PacifiCorp

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

Period Ending
Dec-16

	<u>Merged 01/16-12/16</u>	<u>Pre-Merger Demand</u>	<u>Pre-Merger Energy</u>	<u>Non-Firm</u>	<u>Post-Merger</u>
SPECIAL SALES FOR RESALE					
Pacific Pre Merger	14,516,523	14,516,523			
Post Merger	376,599,095				376,599,095
Utah Pre Merger	26,803,485	26,803,485			
NonFirm Sub Total	-			-	
TOTAL SPECIAL SALES	417,919,102	41,320,007	-	-	376,599,095
PURCHASED POWER & NET INTERCHANGE					
BPA Peak Purchase	-	-			
Pacific Capacity			-		
Mid Columbia	5,083,037	1,524,911	3,558,126		
Misc/Pacific	235,042	48,739	186,303		
Q.F. Contracts/PPL	68,092,062	3,062,024	14,918,627		50,111,411
Small Purchases west	-		-		
Pacific Sub Total	73,410,140	4,635,674	18,663,055	-	50,111,411
Gemstate	3,191,800		3,191,800		
GSLM	-		-		
QF Contracts/UPL	142,898,301	26,762,241	11,469,532		104,666,529
IPP Layoff	26,803,485	26,803,485	-		
Small Purchases east	14,288		14,288		
UP&L to PP&L	-		-		
Utah Sub Total	172,907,874	53,565,725	14,675,620	-	104,666,529
APS Supplemental p27875	904,316				904,316
Avoided Cost Resource	-				-
Blanding Purchase p379174	-				-
BPA Reserve Purchase	-				-
Chehalis Station Service	-				-
Combine Hills Wind p160595	5,226,273				5,226,273
Deseret Purchase p194277	36,467,814				36,467,814
Georgia-Pacific Camas	-				-
Hermiston Purchase p99563	34,590,660				34,590,660
Hurricane Purchase p393045	126,266				126,266
Idaho Power p278538	-				-
Kennecott Generation Incentive	-				-
LADWP p491303-4	-				-
MagCorp p229846	-				-
MagCorp Reserves p510378	6,877,150				6,877,150
Nucor p346856	6,018,000				6,018,000
P4 Production p137215/p145258	19,999,999				19,999,999
Rock River Wind p100371	5,034,554				5,034,554
Roseburg Forest Products p312292	-				-
Three Buttes Wind p460457	21,900,784				21,900,784
Top of the World Wind p522807	43,163,842				43,163,842
Tri-State Purchase p27057	10,409,372				10,409,372
West Valley Toll	-				-
Wolverine Creek Wind p244520	10,581,890				10,581,890
BPA So. Idaho p64885/p83975/p647C	-				-
Cargill p483225/s6 p485390/s89	-				-
PSCo Exchange p340325	5,400,000				5,400,000
Shell p489963/s489962	-				-

PacifiCorp

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

Period Ending
Dec-16

	<u>Merged</u> <u>01/16-12/16</u>	<u>Pre-Merger</u> <u>Demand</u>	<u>Pre-Merger</u> <u>Energy</u>	<u>Non-Firm</u>	<u>Post-Merger</u>
Seasonal Purchased Power					
Constellation 2013-2016	5,512,192				5,512,192

PacifiCorp

Study Results
 MERGED PEAK/ENERGY SPLIT
 (\$)

Period Ending
 Dec-16

	Merged <u>01/16-12/16</u>	Pre-Merger <u>Demand</u>	Pre-Merger <u>Energy</u>	<u>Non-Firm</u>	<u>Post-Merger</u>
Short Term Firm Purchases	168,796,015				168,796,015

New Firm Sub Total	381,009,127	-	-	-	381,009,127
Integration Charge	6,262,777				6,262,777
Non Firm Sub Total	-				-

TOTAL PURCHASED PW & NET INT.	633,589,918	58,201,399	33,338,675	-	542,049,844
WHEELING & U. OF F. EXPENSE					
Pacific Firm Wheeling and Use of Faciliti	21,064,818	21,064,818			
Utah Firm Wheeling and Use of Facilities	-	-			
Post Merger	118,768,709				118,768,709
Nonfirm Wheeling	8,415,001			8,415,001	

TOTAL WHEELING & U. OF F. EXPENSE	148,248,527	21,064,818	-	8,415,001	118,768,709
THERMAL FUEL BURN EXPENSE					
Carbon	-			-	
Cholla	58,220,045			58,220,045	
Colstrip	17,555,088			17,555,088	
Craig	25,109,564			25,109,564	
Chehalis	63,655,173			63,655,173	
Currant Creek	53,428,562			53,428,562	
Dave Johnston	62,240,102			62,240,102	
Gadsby	5,004,816			5,004,816	
Gadsby CT	4,853,712			4,853,712	
Hayden	12,872,538			12,872,538	
Hermiston	41,908,620			41,908,620	
Hunter	149,626,086			149,626,086	
Huntington	122,075,914			122,075,914	
Jim Bridger	235,622,719			235,622,719	
Lake Side 1	80,572,104			80,572,104	
Lake Side 2	94,982,967			94,982,967	
Naughton - Gas	-			-	
Naughton	112,111,247			112,111,247	
Wyodak	29,059,552			29,059,552	

TOTAL FUEL BURN EXPENSE	1,168,898,807	-	-	1,168,898,807	-
OTHER GENERATION EXPENSE					
Blundell	4,797,463			4,797,463	

TOTAL OTHER GEN. EXPENSE	4,797,463	-	-	4,797,463	-
=====					
NET POWER COST	1,537,615,613	37,946,210	33,338,675	1,182,111,270	284,219,458
=====					

PacifiCorp

Period Ending
Dec-16

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

	Merqed 01/16-12/16	Pre-Merqed Demand	Pre-Merqed Energy	Non-Firm	Post-Merqed
SPECIAL SALES FOR RESALE					
Pacific Pre Merger	14,842,118	14,842,118			
Post Merger	349,727,494				349,727,494
Utah Pre Merger	26,803,485	26,803,485			
NonFirm Sub Total	-			-	
TOTAL SPECIAL SALES	391,373,096	41,645,602	-	-	349,727,494
PURCHASED POWER & NET INTERCHANGE					
BPA Peak Purchase	-	-	-		
Pacific Capacity	-	-	-		
Mid Columbia	5,822,724	1,746,817	4,075,907		
Misc/Pacific	154,785	32,097	122,688		
Q.F. Contracts/PPL	68,858,975	3,067,459	14,945,108		50,846,408
Small Purchases west	-	-	-		
Pacific Sub Total	74,836,484	4,846,373	19,143,703	-	50,846,408
Gemstate	3,191,800		3,191,800		
GSLM	-		-		
QF Contracts/UPL	147,698,544	26,050,057	11,164,310		110,484,177
IPP Layoff	26,803,485	26,803,485	-		
Small Purchases east	14,288		14,288		
UP&L to PP&L	-	-	-		
Utah Sub Total	177,708,117	52,853,542	14,370,398	-	110,484,177
APS Supplemental p27875	779,511				779,511
Avoided Cost Resource	-				-
Blanding Purchase p379174	-				-
BPA Reserve Purchase	-				-
Chehalis Station Service	-				-
Combine Hills Wind p160595	5,226,273				5,226,273
Deseret Purchase p194277	36,415,346				36,415,346
Eagle Mountain - UAMPS/UMPA	2,345,405				2,345,405
Georgia-Pacific Camas	-				-
Hermiston Purchase p99563	36,602,131				36,602,131
Hurricane Purchase p393045	126,266				126,266
Idaho Power p278538	-				-
Kennecott Generation Incentive	-				-
LADWP p491303-4	-				-
MagCorp p229846	-				-
MagCorp Reserves p510378	6,877,150				6,877,150
Nucor p346856	6,018,000				6,018,000
P4 Production p137215/p145258	19,999,999				19,999,999
Rock River Wind p100371	5,034,554				5,034,554
Roseburg Forest Products p312292	-				-
Three Buttes Wind p460457	21,900,784				21,900,784
Top of the World Wind p522807	43,163,842				43,163,842
Tri-State Purchase p27057	10,409,372				10,409,372
West Valley Toll	-				-
Wolverine Creek Wind p244520	10,581,890				10,581,890
BPA So. Idaho p64885/p83975/p6470	-				-
Cargill p483225/s6 p485390/s89	-				-
PSCo Exchange p340325	5,400,000				5,400,000
Shell p489963/s489962	-				-

PacifiCorp

*Period Ending
Dec-16*

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

	<u>Merqed 01/16-12/16</u>	<u>Pre-Merqer Demand</u>	<u>Pre-Merqer Energy</u>	<u>Non-Firm</u>	<u>Post-Merqer</u>
Seasonal Purchased Power					
Constellation 2013-2016	5,089,376				5,089,376

PacifiCorp

Period Ending
Dec-16

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

	Merqed 01/16-12/16	Pre-Merger Demand	Pre-Merger Energy	Non-Firm	Post-Merger
Short Term Firm Purchases	157,097,227				157,097,227
New Firm Sub Total	373,067,125	-	-	-	373,067,125
Integration Charge	6,450,452				6,450,452
Non Firm Sub Total	-				-
TOTAL PURCHASED PW & NET INT.	632,062,178	57,699,915	33,514,101	-	540,848,162
WHEELING & U. OF F. EXPENSE					
Pacific Firm Wheeling and Use of Faciliti	21,008,517	21,008,517			
Utah Firm Wheeling and Use of Facilities	-	-			
Post Merger	119,126,778				119,126,778
Nonfirm Wheeling	8,466,629			8,466,629	
TOTAL WHEELING & U. OF F. EXPENSE	148,601,924	21,008,517	-	8,466,629	119,126,778
THERMAL FUEL BURN EXPENSE					
Carbon	-			-	
Cholla	54,005,282			54,005,282	
Colstrip	16,994,557			16,994,557	
Craig	24,837,900			24,837,900	
Chehalis	68,325,592			68,325,592	
Currant Creek	47,122,044			47,122,044	
Dave Johnston	61,281,328			61,281,328	
Gadsby	4,792,819			4,792,819	
Gadsby CT	4,108,614			4,108,614	
Hayden	12,275,672			12,275,672	
Hermiston	38,886,458			38,886,458	
Hunter	152,700,174			152,700,174	
Huntington	117,866,410			117,866,410	
Jim Bridger	234,139,317			234,139,317	
Lake Side 1	80,357,766			80,357,766	
Lake Side 2	86,735,381			86,735,381	
Naughton - Gas	-			-	
Naughton	109,258,350			109,258,350	
Wyodak	28,834,708			28,834,708	
TOTAL FUEL BURN EXPENSE	1,142,522,371	-	-	1,142,522,371	-
OTHER GENERATION EXPENSE					
Blundell	4,836,760			4,836,760	
TOTAL OTHER GEN. EXPENSE	4,836,760	-	-	4,836,760	-
NET POWER COST	1,536,650,137	37,062,829	33,514,101	1,155,825,760	310,247,447

PacifiCorp

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

Period Ending
 Dec-16

	<u>Merqer</u> <u>01/16-12/16</u>	<u>Pre-Merqer</u> <u>Demand</u>	<u>Pre-Merqer</u> <u>Energy</u>	<u>Non-Firm</u>	<u>Post-Merqer</u>
SPECIAL SALES FOR RESALE					
Pacific Pre Merqer	14,590,576	14,590,576			
Post Merqer	308,101,962				308,101,962
Utah Pre Merqer	-	-			
NonFirm Sub Total	-			-	
TOTAL SPECIAL SALES	322,692,539	14,590,576	-	-	308,101,962
PURCHASED POWER & NET INTERCHANGE					
BPA Peak Purchase	-	-			
Pacific Capacity	-				
Mid Columbia	7,460,147	2,238,044	5,222,103		
Misc/Pacific	154,785	32,097	122,688		
Q.F. Contracts/PPL	68,192,146	3,114,957	15,176,524		49,900,665
Small Purchases west	-				
Pacific Sub Total	75,807,078	5,385,098	20,521,316	-	49,900,665
Gemstate	1,327,500		1,327,500		
GSLM	-				
QF Contracts/UPL	153,947,335	25,957,591	11,124,682		116,865,062
IPP Layoff	-				
Small Purchases east	14,288		14,288		
UP&L to PP&L	-				
Utah Sub Total	155,289,124	25,957,591	12,466,470	-	116,865,062
APS Supplemental p27875	829,573				829,573
Avoided Cost Resource	-				
Blanding Purchase p379174	-				
BPA Reserve Purchase	-				
Chehalis Station Service	-				
Combine Hills Wind p160595	5,226,273				5,226,273
Deseret Purchase p194277	35,584,885				35,584,885
Eagle Mountain - UAMPS/UMPA	2,345,405				2,345,405
Georgia-Pacific Camas	-				
Hermiston Purchase p99563	36,361,743				36,361,743
Hurricane Purchase p393045	126,266				126,266
Idaho Power p278538	-				
Kennecott Generation Incentive	-				
LADWP p491303-4	-				
MagCorp p229846	-				
MagCorp Reserves p510378	6,877,150				6,877,150
Nucor p346856	7,129,800				7,129,800
P4 Production p137215/p145258	19,999,999				19,999,999
Rock River Wind p100371	5,034,554				5,034,554
Roseburg Forest Products p312292	-				
Three Buttes Wind p460457	21,900,784				21,900,784
Top of the World Wind p522807	43,163,842				43,163,842
Tri-State Purchase p27057	9,424,440				9,424,440
West Valley Toll	-				
Wolverine Creek Wind p244520	10,581,890				10,581,890
BPA So. Idaho p64885/p83975/p647	-				
Cargill p483225/s6 p485390/s89	-				
PSCo Exchange p340325	5,400,000				5,400,000
Seasonal Purchased Power					
Constellation 2013-2016	4,401,240				4,401,240

PacifiCorp

Period Ending
Dec-16

Study Results
MERGED PEAK/ENERGY SPLIT
(\$)

	Merqed <u>01/16-12/16</u>	Pre-Merqed <u>Demand</u>	Pre-Merqed <u>Energy</u>	<u>Non-Firm</u>	<u>Post-Merqed</u>
Short Term Firm Purchases	152,559,910				152,559,910
-----	-----	-----	-----	-----	-----
New Firm Sub Total	366,947,754	-	-	-	366,947,754
Integration Charge	6,783,968				6,783,968
Non Firm Sub Total	-				-
-----	-----	-----	-----	-----	-----
TOTAL PURCHASED PW & NET INT.	604,827,924	31,342,689	32,987,786	-	540,497,449
WHEELING & U. OF F. EXPENSE					
Pacific Firm Wheeling and Use of Faciliti	21,008,517	21,008,517			
Utah Firm Wheeling and Use of Facilitie	-	-			
Post Merger	119,123,511				119,123,511
Nonfirm Wheeling	8,447,503			8,447,503	
-----	-----	-----	-----	-----	-----
TOTAL WHEELING & U. OF F. EXPENSE	148,579,531	21,008,517	-	8,447,503	119,123,511
THERMAL FUEL BURN EXPENSE					
Carbon	-			-	
Cholla	39,745,449			39,745,449	
Colstrip	16,993,677			16,993,677	
Craig	23,960,209			23,960,209	
Chehalis	70,270,358			70,270,358	
Currant Creek	63,198,181			63,198,181	
Dave Johnston	61,458,021			61,458,021	
Gadsby	4,014,322			4,014,322	
Gadsby CT	3,470,251			3,470,251	
Hayden	10,240,153			10,240,153	
Hermiston	36,636,576			36,636,576	
Hunter	140,489,807			140,489,807	
Huntington	97,905,373			97,905,373	
Jim Bridger	196,226,768			196,226,768	
Lake Side 1	86,165,033			86,165,033	
Lake Side 2	94,835,157			94,835,157	
Naughton - Gas	-			-	
Naughton	110,212,698			110,212,698	
Wyodak	28,950,253			28,950,253	
-----	-----	-----	-----	-----	-----
TOTAL FUEL BURN EXPENSE	1,084,772,286	-	-	1,084,772,286	-
OTHER GENERATION EXPENSE					
Blundell	4,836,760			4,836,760	
-----	-----	-----	-----	-----	-----
TOTAL OTHER GEN. EXPENSE	4,836,760.26	-	-	4,836,760	-
-----	-----	-----	-----	-----	-----
NET POWER COST	1,520,323,962	37,760,629	32,987,786	1,098,056,550	351,518,997
=====	=====	=====	=====	=====	=====

PacifiCorp
Oregon General Rate Case - December 2015
Net Power Cost Adjustment
Oregon Solar Project

		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Total Energy impact	(141,066)	(5,295)	(9,046)	(8,995)	(12,305)	(13,462)	(14,437)	(19,598)	(18,760)	(16,533)	(10,286)	(6,468)	(5,880)

PacifiCorp
Oregon CY 2016 TAM
Net Power Cost Adjustment
Oregon Solar

	Total	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Total Energy impact	(131,143)	(4,555)	(7,757)	(7,617)	(11,127)	(12,413)	(14,105)	(17,884)	(18,712)	(15,858)	(9,779)	(6,022)	(5,313)

PacifiCorp
Oregon CY 2016 TAM
Net Power Cost Adjustment
Oregon Situs Solar

	Total	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Total Energy impact	436,024	12,590	25,000	29,848	43,775	63,954	75,472	55,307	36,144	34,359	31,412	16,655	11,508

**PacifiCorp
Oregon CY 2016 TAM
Net Power Cost Adjustment
Oregon Situs Solar**

	Total	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Total Energy impact	504,700	15,377	28,439	33,847	52,452	68,355	82,937	62,538	48,473	46,022	34,592	18,583	13,085

Pacific Power
Oregon - CY 2016 TAM
Present Net Power Costs In Rates
Forecast 12 Months Ending December 31, 2016

Base Rate Schedule	MWH	Net Power Costs Collection (Schedule 201 Revenue)
4	5,283,997	\$154,832,118
23	1,149,043	\$32,172,814
28	2,026,408	\$58,273,529
30	1,306,642	\$35,862,045
41	226,662	\$6,428,506
47	52,208	\$1,238,226
48	3,036,760	\$76,385,122
15	9,154	\$204,590
50	8,783	\$161,687
51	19,674	\$571,824
52	407	\$9,041
53	9,364	\$88,770
54	1,211	\$19,793
Total	13,130,313	\$366,248,066

Comparison to UE 287	MWH	Approved NPC
2015 Test Period	13,116,271	\$365,426,026
Difference resulting from change in test period	14,042	\$822,040
Percentage Change	0.1%	0.2%

PACIFIC POWER
STATE OF OREGON

One-Year Option - Transition Adjustments (cents/kWh)
November 2015 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-16	-0.223	0.334	-0.609	0.131	-0.177	0.400	-0.248	0.278	-0.364	0.261
Feb-16	0.167	0.531	0.060	0.356	0.276	0.621	0.144	0.461	0.123	0.448
Mar-16	0.622	0.484	0.686	0.357	0.682	0.556	0.545	0.372	0.563	0.411
Apr-16	0.561	0.473	0.450	0.313	0.640	0.501	0.508	0.413	0.500	0.412
May-16	0.953	0.861	0.416	0.715	0.957	0.965	0.738	0.824	0.543	0.829
Jun-16	-0.035	0.841	-0.301	0.661	-0.076	0.893	-0.033	0.709	-0.215	0.784
Jul-16	-0.818	-0.014	-0.862	-0.159	-0.758	0.035	-1.132	-0.179	-0.857	-0.061
Aug-16	-1.523	-0.114	-1.339	-0.231	-1.356	-0.079	-0.951	-0.243	-1.479	-0.208
Sep-16	-0.191	0.492	-0.483	0.255	-0.198	0.561	-0.209	0.561	-0.333	0.415
Oct-16	-0.191	0.215	0.117	0.080	-0.116	0.286	-0.296	0.128	-0.194	0.155
Nov-16	0.349	-0.016	-0.412	-0.172	0.427	0.040	0.508	-0.097	0.325	-0.091
Dec-16	0.647	-0.139	0.997	-0.189	0.882	-0.064	0.583	-0.190	0.747	-0.133

	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-16	-0.365	0.220					-0.458	0.226	-0.616	0.025
Feb-16	0.116	0.419					0.093	0.481	-0.147	0.207
Mar-16	0.546	0.330					0.724	0.456	0.373	0.153
Apr-16	0.470	0.336	1.810	0.459	1.733	0.382	0.860	0.389	0.455	0.185
May-16	0.833	0.797	0.752	0.912	0.676	0.836	0.818	0.779	0.343	0.568
Jun-16	-0.272	0.703	0.066	0.907	-0.011	0.830	0.014	0.800	-0.438	0.567
Jul-16	-0.944	-0.151	-0.663	0.094	-0.740	0.018	-0.723	-0.058	-1.114	-0.259
Aug-16	-1.524	-0.285	-0.706	0.025	-0.783	-0.051	-0.779	-0.127	-1.730	-0.408
Sep-16	-0.323	0.380	-0.181	0.463	-0.257	0.386	-0.398	0.357	-0.529	0.159
Oct-16	-0.259	0.107	-0.279	0.292	-0.356	0.216	-0.287	0.201	-0.470	-0.070
Nov-16	0.208	-0.142					-0.416	-0.068	0.149	-0.304
Dec-16	0.496	-0.263					0.913	-0.199	0.293	-0.466

	47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-16	-0.571	-0.041	-0.167	0.440	-0.880	-0.272	-2.208	-1.600	-1.492	-0.885
Feb-16	-0.190	0.140	0.262	0.639	-0.451	-0.074	-1.779	-1.402	-1.063	-0.686
Mar-16	0.273	0.111	0.789	0.596	0.076	-0.116	-1.251	-1.444	-0.536	-0.729
Apr-16	0.230	0.107	0.670	0.585	-0.042	-0.127	-1.370	-1.455	-0.655	-0.740
May-16	0.268	0.488	0.771	0.973	0.059	0.261	-1.269	-1.067	-0.554	-0.352
Jun-16	-0.431	0.468	-0.005	0.969	-0.717	0.257	-2.045	-1.071	-1.330	-0.356
Jul-16	-1.300	-0.338	-0.821	0.145	-1.533	-0.567	-2.861	-1.895	-2.146	-1.180
Aug-16	-1.137	-0.446	-0.677	0.029	-1.390	-0.683	-2.717	-2.011	-2.002	-1.296
Sep-16	-0.617	0.099	-0.152	0.588	-0.864	-0.125	-2.192	-1.452	-1.477	-0.737
Oct-16	-0.544	-0.148	-0.036	0.337	-0.748	-0.375	-2.076	-1.703	-1.361	-0.988
Nov-16	0.079	-0.357	0.557	0.115	-0.155	-0.597	-1.483	-1.925	-0.768	-1.210
Dec-16	0.416	-0.427	0.966	0.046	0.253	-0.667	-1.074	-1.995	-0.359	-1.279

PACIFIC POWER
STATE OF OREGON

**Three-Year Option - Transition Adjustments (cents/kWh)
For Customers Electing Option During the November 2015 Window
November 2015 Indicative Transition Adjustments**

Adjustments for Consumers Electing This Option for 2016-2018

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2016	-0.016	0.237	-0.019	0.199
2017	-0.170	0.060	-0.242	0.022
2018	-0.309	-0.019	-0.359	-0.066

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2016	-0.159	0.147	-0.241	-0.018	-0.275	-0.061
2017	-0.235	0.156	-0.409	-0.156	-0.485	-0.230
2018	-0.305	-0.014	-0.523	-0.254	-0.621	-0.325

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 2015 Window
November 2015 Indicative Transition Adjustments**

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2016

Transition Adjustments (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2016	0.189	0.144	0.156	-0.054	-0.130
2017	0.179	0.132	0.144	-0.076	-0.156
2018	0.042	-0.005	0.007	-0.215	-0.291
2019	-0.067	-0.115	-0.101	-0.327	-0.401
2020	-0.223	-0.271	-0.258	-0.483	-0.552

Consumer Opt-Out Charge (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2016-2020	1.767	1.839	1.821	1.500	1.325