

November 8, 2016

VIA ELECTRONIC FILING

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

**RE: Docket UE 307—2017 Transition Adjustment Mechanism – Net Power Cost
Indicative Update for 2017**

PacifiCorp d/b/a Pacific Power (PacifiCorp or Company) encloses for filing the updated 2017 net power cost forecast for posting indicative transition adjustments. This filing is based on Order No. 16-418, granting the Company's Transition Adjustment Mechanism (TAM) application, as adjusted for avian curtailments, and subject to a final update.¹ This filing indicates a 2017 net power cost forecast of \$1,463.6 million on a total company basis. Based on this indicative forecast, Oregon-allocated net power costs are \$353.0 million. This is a decrease of approximately \$1.7 million (Oregon-allocated) from the August Update. In support of this filing, the following exhibits are attached:

- Exhibit A – Summary of updates since the August 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, 2016.

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,


R. Bryce Dalley
Vice President, Regulation

¹ *In the Matter of PacifiCorp, dba Pacific Power, 2017 Transition Adjustment Mechanism, Docket No. UE 307, Order No. 16-418 (Oct. 27, 2016).*

CERTIFICATE OF SERVICE

I certify that I served a true and correct copy of PacifiCorp's Net Power Cost Indicative Update for 2017 in Docket UE 307 on the parties listed below via e-mail and Huddle in compliance with OAR 860-001-0180.

UE 307

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Dated this 8th day of November 2016.



Jennifer Angell
Supervisor, Regulatory Operations

Exhibit A

Summary of Updates Since the August Update Filing
and Impacts on Net Power Costs

Oregon TAM 2017 (April 2016 Initial Filing)	NPC (\$) =	1,566,031,929
	\$/MWh =	25.86

Oregon TAM 2016 (August 2016 Update Filing)	NPC (\$) =	1,553,390,530
	\$/MWh =	25.65

	Impact (\$)	NPC (\$)
Commission Order		
A01 - Remove NPC Impact of Avian Curtailment	(262,552)	
Updates		
U01 - Pipeline Updates	440,348	
U02 - QF Contract Status	(1,239,862)	
U03 - Mid Columbia Contracts Updates	(121,583)	
U04 - Gem State Contract	319,236	
U05 - Tri-State Updates	82,784	
U06 - EIM Benefits	1,530,213	
U07 - Official Forward Price Curve and Short Term Firm Transactions	(7,608,959)	
	Total Updates =	
	(6,860,376)	
	System balancing impact of all adjustments	
	166,773	
	Total Change from August 2016 Update Filing	
	(6,693,603)	
	Oregon TAM 2017 (November Indicative 2016 Filing)	
	NPC (\$) =	1,546,696,927
	\$/MWh =	25.54

EXHIBIT B

November 2016 Oregon Transition Adjustment Mechanism (TAM) Indicative
Update, Update Explanations

Exhibit B

**November 2016
Oregon Transition Adjustment Mechanism (TAM) Indicative Update
Update Explanations**

Updates to Net Power Costs

Ordered Adjustment 1 — Remove Avian Curtailment

The Oregon Public Utility Commission order on October 27, 2016, required the removal of lost energy from avian protection curtailment. The impact of this adjustment decreases net power cost by approximately \$65,000 on an Oregon allocated basis.

Update 1 — Gas Pipeline Tariff Updates

This update incorporates Gas Transmission Northwest updated rates for Hermiston. This update increases net power costs by approximately \$440,000 on a total-company basis. *Supporting document is at:*

U01 GTN Gas Transmission Capacity Release Chevron to PacifiCorp dtd 8-1-16

Update 2 -QF Contract Updates

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

- Incorporated the 2017 pricing from the executed contract with Chevron Wind QF, Kennecott Refinery QF, Kennecott Smelter QF, Tesoro QF and Thayn Hydro QF.
U02 Chevron USA Inc 6.29.16 Casper Wind Project QF PPA 7.1.16-6.30-18 WY SCH 38 CONF
U02 Kennecott Refinery 9-23-16 Non-Firm QF PPA 2017 -UT CONF
U02 Kennecott Smelter 9-23-16 Non-Firm QF PPA 2017 - UT CONF
U02 Tesoro Refining 9-23-16 Non-Firm QF PPA 2017 - UT CONF
U02 Thayn Hydro 9-10-16 QF PPA effective 1-1-16 UT SCH 37 NON CONF
- Added new small qualifying facilities:
 - o Surprise Valley QF – a 3.7MW project in Oregon, with an online date of 09/01/2016. *U02 Surprise Valley 8.15.16 QF PPA OR SCH 37 NON CONF*
 - o Tooele Army Depot QF – a 3.2MW project in Utah, with an online date of 09/01/2016. *U02 Tooele Army Depot 5-10-16 QF PPA and 9-16-16Addendum 1 UT SCH 37 NON CONF*
- Based on status updates provided by the project developer, several projects expected online dates have been postponed:

	August Update	November Indicative
NorWest Energy 9 LLC (Pendleton)	11/30/2016	7/31/2018
OR Solar 2 LLC - Agate Bay	12/1/2016	7/30/2017
OR Solar 3 LLC - Turkey Hill	12/1/2016	3/15/2017
OR Solar 5 LLC - Merrill	12/1/2016	3/30/2017
OR Solar 6 LLC - Lakeview	12/1/2016	3/24/2017
OR Solar 7 LLC - Jacksonville	12/1/2016	7/30/2017
OR Solar 8 LLC - Dairy	12/1/2016	12/31/2018

Exhibit B

This update decreases total-company net power costs by approximately \$1.2 million.

Update 3.1 – Douglas Wells Proforma Update

Douglas PUD provided its preliminary estimate for the FY2017 Wells project cost on August 22, 2016. This update increases total-company net power costs by approximately \$51,000. *Supporting documents: U03 Douglas_PUD_8-22-17_2017_Wells_Budget_Update_Endur_20625[1]*

Update 3.2 – Grant Priest Rapids and Wanapum Proforma Update

Grant PUD provided its preliminary estimate for the 2017 Priest Rapids project cost on September 6, 2016. This update decreases total-company net power costs by approximately \$173,000. *Supporting documents: U03 Grand_PUD_Prelim_2017_Priest-Wanapum_Proforma_dtd_9-10-16[1]*

Update 4 – Gem State Budget

Idaho Falls provided the Gem State operating budget on September 8, 2016, for the fiscal year beginning October 1, 2016. This update increases total-company net power costs by approximately \$320,000. *Supporting document: U04 Idaho_Falls__9-8-16_Gem_State_Project_Final_Operating_Budget_for_FY_2017[1]*

Update 5 – 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 October 13, 2016. The Company also elected the capacity factor as 50 percent. This contract increases net power costs by approximately \$83,000 on a total-company basis. *Supporting document: U05 Tri-State_Corr_10-18-16_Capacity_and_Energy_Rates_for_2017_plus_Budget_Endur_20132[1]*
U05 Tri-State_8-4-16_Capacity_Factor_Ltr_Election_50%_for_2017[1]

Update 6 – EIM Results through August 2016

This update incorporates EIM benefit results from June through August 2016 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 \$1.5 million. *Supporting calculations are provided in the Company's workpapers.*

Update 7 – October 31, 2016 Official Forward Price Curve and November 1, 2016 Short-Term Firm Transactions

This update incorporates the Company's official forward price curves as of October 31, 2016, and new wholesale short term firm transactions for electricity and natural gas, both physical and financial transactions, through November 1, 2016. The impact of this update decreases net power costs by approximately \$7.6 million on a total-company basis. *Supporting document: NovInd Cum ORTAM17_STF (161031) NOV16 CONF*

Exhibit B

System balancing impact of all adjustments

This update recalculates net power costs based on the inclusion of the correction and updates 1 through 7, including the screening of gas-fired units. The combined impact of all updates decreases net power costs by approximately \$6.7 million on a total-company basis.

Oregon Situs Solar Projects

This update incorporates the Company's official forward price curves as of October 31, 2016. The impact of this update increases net power costs by approximately \$4,000 on an Oregon situs basis.

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

Please see page 1 of Exhibit D, lines 38 and 39 for the changes in the following TAM elements as described below.

Non-NPC EIM Costs

This update reflects a reduction in operations and non-NPC administrative costs. The impact of this update reduces the total TAM filing by approximately \$76,000 on an Oregon allocated basis.

Production Tax Credits

Production tax credits have been updated to reflect the change in production of the generating plants impacted by the removal of the avian curtailment adjustment. The impact of this update decreases the total TAM filing by approximately \$131,000 on an Oregon allocated basis.

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)

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 307

In the Matter of
PACIFICORP d/b/a PACIFIC POWER,
2017 Transition Adjustment Mechanism.

ATTESTATION OF
JOSEPH P. HOERNER

1 STATE OF OREGON)
2)
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, 2016.

15 4. I attest that all NPC contracts (a) executed before the contract lockdown date
16 of October 31, 2016, and (b) included in the 2017 TAM rate effective period,
17 are reflected in the Indicative Filing.

1 5. I attest that for the executed power purchase agreements with new QFs
2 included in the 2017 TAM, PacifiCorp has a commercially reasonable good
3 faith belief that these QFs will reach commercial operation during the rate
4 effective period based on the information known to PacifiCorp as of the
5 contract lockdown date of October 31, 2016.

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

9 SIGNED this: 7TH day of November, 2016, at Portland, Oregon

10 Signed: Joseph P Hoerner

11 SUBSCRIBED AND SWORN to before me this 7th day of November 2016.

12 Patricia Ann Deas

13 Notary Public, State of Oregon
14 My Commission expires: March 12, 2019

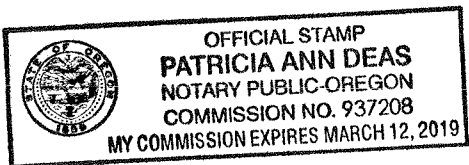


Exhibit D

Updated Oregon Allocation of Net Power Costs

Line no	ACCT.	Total Company				Oregon Allocated					
		UE-296 Final TAM CY 2016	TAM CY 2017 - Initial Filing	TAM CY 2017 - Reply Update	TAM CY 2017 - Indicative Update	Factors CY 2016	Factors CY 2017	UE-296 Final TAM CY 2016	TAM CY 2017 - Initial Filing	TAM CY 2017 - Reply Update	TAM CY 2017 - Indicative Update
1		Sales for Resale									
2	447	14,551,883	12,491,680	14,235,193	13,987,975	25.464%	25.230%	3,705,447	3,151,693	3,591,587	3,529,213
3	447	-	-	-	-	25.464%	25.230%	-	-	-	-
4	447	308,215,401	264,081,138	354,617,969	386,003,768	25.464%	25.230%	78,483,023	66,628,559	89,471,306	97,390,049
5	447	-	-	-	-	24.074%	23.757%	-	-	-	-
6		322,767,283	276,572,818	368,853,162	399,991,744			82,188,470	69,780,252	93,062,893	100,919,262
7											
8		Purchased Power									
9	555	5,460,531	5,396,826	4,979,885	5,034,013	25.464%	25.230%	1,390,453	1,361,637	1,256,442	1,270,098
10	555	25,957,591	23,373,572	23,760,178	23,760,262	25.464%	25.230%	6,609,761	5,897,231	5,994,773	5,994,794
11	555	33,163,822	31,518,350	30,712,777	31,159,451	24.074%	23.757%	7,983,987	7,487,882	7,296,500	7,402,618
12	555	539,019,217	550,503,265	601,586,184	640,937,870	25.464%	25.230%	137,254,198	138,893,825	151,782,217	161,710,780
13	555	-	-	-	-	24.074%	23.757%	-	-	-	-
14	555	6,783,968	7,635,782	7,546,940	7,516,842	25.464%	25.230%	1,727,449	1,926,534	1,904,118	1,896,524
15		610,385,128	618,427,794	668,585,963	708,408,438			154,965,848	155,567,108	168,234,050	178,274,814
16											
17		Wheeling Expense									
18	565	21,008,517	20,923,037	20,923,037	20,923,037	25.464%	25.230%	5,349,544	5,278,953	5,278,953	5,278,953
19	565	-	-	-	-	25.464%	25.230%	-	-	-	-
20	565	119,121,361	117,404,391	116,941,986	116,941,986	25.464%	25.230%	30,332,698	29,621,523	29,504,856	29,504,856
21	565	8,447,062	7,680,770	7,707,729	7,700,186	24.074%	23.757%	2,033,579	1,824,737	1,831,142	1,829,350
22		148,576,940	146,008,198	145,572,752	145,565,209			37,715,820	36,725,212	36,614,951	36,613,159
23											
24		Fuel Expense									
25	501	684,036,958	717,322,134	764,589,286	752,343,875	24.074%	23.757%	164,677,719	170,415,756	181,645,114	178,735,946
26	501	39,725,288	54,710,604	54,030,506	51,906,272	24.074%	23.757%	9,563,620	12,997,715	12,836,143	12,331,484
27	501	3,867,174	2,221,172	2,489,125	2,661,960	24.074%	23.757%	930,998	527,689	591,347	632,408
28	547	349,178,912	296,984,718	279,921,635	279,033,989	24.074%	23.757%	84,062,690	70,555,295	66,501,582	66,290,702
29	547	3,229,791	2,464,889	2,637,534	2,352,037	24.074%	23.757%	777,552	585,589	626,605	558,779
30	503	4,836,760	4,465,238	4,416,891	4,416,891	24.074%	23.757%	1,164,420	1,060,816	1,049,330	1,049,330
31		1,084,874,883	1,078,168,755	1,108,084,977	1,092,715,024			261,177,000	256,142,860	263,250,121	259,598,648
32		1,521,069,669	1,566,031,929	1,563,390,530	1,546,696,927			371,670,199	378,654,929	375,036,229	373,567,359
33											
34		515,121	536,598	471,321	475,201	100.000%	100.000%	515,121	536,598	471,321	475,201
35		1,521,584,790	1,566,568,527	1,563,861,851	1,547,172,128			372,185,320	379,191,527	375,507,550	374,042,560
36											
37		4,621,885	5,166,061	4,886,586	4,586,168	25.464%	25.230%	1,176,903	1,303,414	1,232,902	1,157,106
38				(87,596,947)	(88,116,470)					(22,101,004)	(22,232,082)
39		1,526,206,675	1,571,734,588	1,471,151,490	1,463,641,827			373,362,223	380,494,941	354,639,448	352,967,584
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*EIM Benefits for the 2017 TAM are reflected in net power costs

Oregon-allocated NPC Baseline in Rates from UE-296
\$ Change due to load variance from UE-296 forecast
2017 Recovery of NPC in Rates

Increase Absent Load Change 7,132,718 (18,722,775) (20,394,639)
\$373,362,223
(6,633,884)
\$366,728,339

Increase including Load Change 13,766,602 (12,088,892) (13,760,755)
Add Other Revenue Change 1,168,275 1,167,096 1,167,096
Add PTC Revenue Requirement 4,975,106 27,085,374 27,085,374
Add Change in Fixed Generation for PTC
Total TAM Increase 19,909,983 16,163,578 14,491,715

PacifiCorp
 CY 2017 TAM
 Production Tax Credits - Stand Alone TAM Adjustment
 Indicative Update

Exhibit D Page 2 of 3

PTC Revenue Requirement in UE-263

Line no	Plant Name	PTC Expiration Date	Total Company		Factor	Factors CY 2014	Oregon Allocated			
			UE-263 Final	Final			UE-263 Final	Revenue Requirement		
1	JC Boyle	11/7/2015	\$	(103,599)	SG	26.053%	\$	(26,991)	\$	(43,442)
2	Blundell Bottoming Cycle KWh	12/1/2017		(1,896,326)	SG	26.053%		(494,050)		(795,177)
3	Glenrock KWh	12/30/2018		(7,646,838)	SG	26.053%		(1,992,231)		(3,206,513)
4	Glenrock III KWh	1/16/2019		(2,861,406)	SG	26.053%		(745,482)		(1,199,860)
5	Goodnoe KWh	12/17/2017		(6,138,401)	SG	26.053%		(1,599,238)		(2,573,987)
6	High Plains Wind	10/14/2019		(7,115,510)	SG	26.053%		(1,853,804)		(2,983,713)
7	Leaning Juniper 1 KWh	9/13/2016		(7,025,884)	SG	26.053%		(1,830,454)		(2,946,131)
8	Marengo KWh	8/2/2017		(9,042,126)	SG	26.053%		(2,355,745)		(3,791,592)
9	Marengo II KWh	6/25/2018		(4,306,194)	SG	26.053%		(1,121,893)		(1,805,696)
10	McFadden Ridge	10/31/2019		(1,979,446)	SG	26.053%		(515,705)		(830,032)
11	Seven Mile KWh	12/30/2018		(8,040,700)	SG	26.053%		(2,094,844)		(3,371,669)
12	Seven Mile II KWh	12/30/2018		(1,583,828)	SG	26.053%		(412,635)		(664,139)
13	Dunlap I Wind KWh	9/29/2020		(8,132,932)	SG	26.053%		(2,118,873)		(3,410,344)
14										
15	Total Production Tax Credit		\$	(65,873,189)			\$	(17,161,943)	\$	(27,622,295)

\$ Change due to load variance from UE-263 forecast¹ \$ 536,921
 CY 2017 PTC in Rates \$ (27,085,374)

PTC Revenue Requirement CY 2017 - Indicative Update

Line no	Plant Name	PTC Expiration Date	Total Company		Factor	Factors CY 2017	Oregon Allocated			
			UE-263 Final	Final			UE-263 Final	Revenue Requirement		
23	JC Boyle	11/7/2015		-	SG	25.230%		-		-
24	Blundell Bottoming Cycle KWh	12/1/2017		(1,642,252)	SG	25.230%		(414,346)		(666,893)
25	Glenrock KWh	12/30/2018		(7,646,838)	SG	25.230%		(1,929,323)		(3,105,262)
26	Glenrock III KWh	1/16/2019		(2,861,406)	SG	25.230%		(721,942)		(1,161,972)
27	Goodnoe KWh	12/17/2017		(5,991,082)	SG	25.230%		(1,511,570)		(2,432,885)
28	High Plains Wind	10/14/2019		(7,115,510)	SG	25.230%		(1,795,267)		(2,889,498)
29	Leaning Juniper 1 KWh	9/13/2016		-	SG	25.230%		-		-
30	Marengo KWh	8/2/2017		(5,447,249)	SG	25.230%		(1,374,359)		(2,212,043)
31	Marengo II KWh	6/25/2018		(4,306,194)	SG	25.230%		(1,086,467)		(1,748,678)
32	McFadden Ridge	10/31/2019		(1,979,446)	SG	25.230%		(499,421)		(803,822)
33	Seven Mile KWh	12/30/2018		(8,040,700)	SG	25.230%		(2,028,696)		(3,265,203)
34	Seven Mile II KWh	12/30/2018		(1,583,828)	SG	25.230%		(399,605)		(643,168)
35	Dunlap I Wind KWh	9/29/2020		(8,132,932)	SG	25.230%		(2,051,966)		(3,302,657)
36										
37	Total Production Tax Credit		\$	(54,747,437)			\$	(13,731,523)	\$	(22,232,082)

Increase Absent Load Change 5,390,213
Increase Including Load Change 4,853,292

Notes: ¹ Precise adjustment based on rates developed for reply proposal. Differs from estimated load variance amount in filed case of \$546,184 by \$9,263.

Exhibit E

Copy of the Indicative Transition Adjustments and Schedule 201 Rates
Posted on the Company's Website November 8, 2016

PACIFIC POWER
STATE OF OREGON
Schedule 201 Rates to be Effective January 1, 2017 through UE 307 TAM
INDICATIVE

Delivery Service Schedule	Rate Block/ Lamp Type	Schedule 201 Rates			
		Secondary	Primary	Transmission	
4	1st Block (≤1,000 kWh)	2.627		per kWh	
	2nd Block (>1,000 kWh)	3.588		per kWh	
23	1st 3,000 kWh	2.910	2.818	per kWh	
	All Addl kWh	2.158	2.091	per kWh	
28	1st 20,000 kWh	2.845	2.739	per kWh	
	All Addl kWh	2.767	2.666	per kWh	
30	1st 20,000 kWh	3.041	3.008	per kWh	
	All Addl kWh	2.637	2.600	per kWh	
41	Wint 1st 100kWh/kW	4.063	3.930	per kWh	
	Wint All Addl kWh	2.768	2.681	per kWh	
	Summer kWh	2.768	2.681	per kWh	
47/48	On-Peak kWh	2.682	2.487	2.337 per kWh	
	Off-Peak kWh	2.632	2.437	2.287 per kWh	
15		2.193			
	MV 7,000L	\$1.67		per lamp	
	MV 21,000L	\$3.77		per lamp	
	MV 55,000L	\$9.04		per lamp	
	HPS 5,800L	\$0.68		per lamp	
	HPS 22,000L	\$1.86		per lamp	
	HPS 50,000L	\$3.86		per lamp	
50		1.810			
	MV 7,000L	\$1.38		per lamp	
	MV 21,000L	\$3.11		per lamp	
	MV 55,000L	\$7.46		per lamp	
51		2.849			
	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)	\$1.45		per lamp	
	LED 16,800L/400 W(comp)	\$1.97		per lamp	
	HPS 5,800L/70W	\$0.88		per lamp	
	HPS 9,500L/100W	\$1.25		per lamp	
	HPS 16,000L/150W	\$1.82		per lamp	
	HPS 22,000L/200W	\$2.42		per lamp	
	HPS 27,500L/250W	\$3.28		per lamp	
	HPS 50,000L/400W	\$5.01		per lamp	
	MH 12,000L/175W	\$1.94		per lamp	
	MH 19,500L/250W	\$2.68		per lamp	
	52	Dusk to Dawn	2.180		per kWh
		Dusk to Midn.	2.180		per kWh
53		0.930			
	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	\$1.07		per lamp	
	HPS 50,000L/400W	\$1.64		per lamp	
	MH 9,000L/100W	\$0.36		per lamp	
	MH 12,000L/175W	\$0.63		per lamp	
	MH 19,500L/250W	\$0.87		per lamp	
	MH 32,000L/400W	\$1.39		per lamp	
	MH 107,800L/1,000W	\$3.29		per lamp	
	Non-Listed	0.930		per kWh	
	54	All kWh	1.603		per kWh

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**One-Year Option - Transition Adjustments (cents/kWh)
November 2016 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-17	-0.237	-0.151	-0.929	-0.509	-0.087	-0.296	-0.213	-0.427	-0.177	-0.420
Feb-17	0.911	1.737	1.754	-0.223	1.087	-0.055	0.840	-0.179	0.907	-0.184
Mar-17	0.246	0.266	-0.130	0.082	0.332	0.295	0.049	0.201	0.184	0.216
Apr-17	0.445	0.601	0.694	0.638	0.502	0.985	0.419	0.865	0.364	0.537
May-17	0.761	0.828	0.277	0.623	0.856	1.080	0.486	0.942	0.718	0.955
Jun-17	0.254	0.904	-0.450	0.737	0.293	1.005	0.189	0.749	0.205	0.873
Jul-17	-0.949	0.072	-0.477	-0.219	-0.838	0.219	-0.901	0.229	-0.977	0.093
Aug-17	0.721	2.544	0.250	-0.572	0.677	-0.361	0.725	-0.582	0.688	-0.478
Sep-17	-0.159	-0.731	-0.481	-0.106	-0.236	0.151	-0.307	-0.245	-0.323	0.036
Oct-17	-0.379	-0.134	-0.528	-0.402	-0.281	-0.302	-0.375	-0.460	-0.413	-0.406
Nov-17	-0.790	-0.882	-0.933	-0.464	-0.706	-0.224	-0.779	-0.429	-0.841	-0.382
Dec-17	-0.837	-0.739	-1.062	-0.660	-0.803	-0.493	-0.957	-0.657	-0.903	-0.624

	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-17	-0.307	-0.469					-0.786	-0.458	-0.353	-0.639
Feb-17	0.798	-0.243					1.652	-0.327	0.782	-0.412
Mar-17	0.178	0.098					-0.048	0.104	-0.032	-0.028
Apr-17	0.359	0.828	0.640	0.931	0.565	0.855	0.295	0.846	0.123	0.346
May-17	0.665	0.915	0.569	0.922	0.494	0.846	0.714	0.735	0.475	0.475
Jun-17	0.164	0.831	0.129	0.548	0.054	0.473	-0.335	0.730	-0.029	0.641
Jul-17	-0.996	0.076	-0.899	-0.036	-0.974	-0.112	-0.965	-0.166	-1.213	-0.152
Aug-17	0.688	-0.479	-0.245	-0.280	-0.320	-0.355	-0.187	-0.465	0.455	-0.672
Sep-17	-0.361	0.008	-0.278	-0.005	-0.353	-0.080	-0.206	0.002	-0.537	-0.247
Oct-17	-0.442	-0.480	-0.368	-0.303	-0.443	-0.378	-0.473	-0.449	-0.674	-0.609
Nov-17	-0.836	-0.432					-0.976	-0.270	-1.043	-0.620
Dec-17	-0.965	-0.665					-1.156	-0.791	-1.203	-0.819

	47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-17	-0.457	-0.684	-0.039	-0.245	-0.718	-0.925	-1.997	-2.203	-1.308	-1.515
Feb-17	0.706	-0.456	1.139	-0.024	0.460	-0.703	-0.819	-1.982	-0.130	-1.293
Mar-17	-0.100	-0.289	0.352	0.362	-0.327	-0.317	-1.606	-1.596	-0.917	-0.908
Apr-17	0.046	0.277	0.540	0.758	-0.139	0.078	-1.418	-1.200	-0.730	-0.512
May-17	0.380	0.410	0.856	0.880	0.176	0.201	-1.102	-1.078	-0.414	-0.390
Jun-17	-0.105	0.545	0.344	1.013	-0.335	0.334	-1.614	-0.945	-0.925	-0.256
Jul-17	-1.216	-0.171	-0.795	0.274	-1.475	-0.405	-2.753	-1.684	-2.065	-0.995
Aug-17	0.699	-0.634	1.062	-0.184	0.383	-0.863	-0.896	-2.142	-0.207	-1.453
Sep-17	-0.414	-0.280	0.002	0.157	-0.677	-0.522	-1.956	-1.801	-1.267	-1.112
Oct-17	-0.735	-0.679	-0.314	-0.223	-0.994	-0.902	-2.272	-2.181	-1.584	-1.492
Nov-17	-1.067	-0.638	-0.677	-0.199	-1.357	-0.878	-2.635	-2.157	-1.947	-1.468
Dec-17	-1.188	-0.822	-0.724	-0.390	-1.403	-1.069	-2.682	-2.348	-1.993	-1.659

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**Three-Year Option - Transition Adjustments (cents/kWh)
For Customers Electing Option During the November 2016 Window
November 2016 Indicative Transition Adjustments**

Adjustments for Consumers Electing This Option for 2017-2019

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2017	-0.031	0.047	-0.088	0.033
2018	-0.146	0.161	-0.210	0.143
2019	-0.413	0.010	-0.446	-0.008

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2017	-0.094	0.041	-0.254	-0.199	-0.320	-0.294
2018	-0.346	-0.009	-0.410	-0.129	-0.452	-0.162
2019	-0.548	-0.204	-0.666	-0.255	-0.692	-0.287

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**Five-Year Option - Transition Adjustments (cents/kWh) and
Consumer Opt-Out Charge (cents/kWh) For Customers Electing
Option During the November 2016 Window
November 2016 Indicative Transition Adjustments**

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2017

Transition Adjustments (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2017	-0.129	-0.171	-0.162	-0.362	-0.424
2018	-0.149	-0.191	-0.182	-0.387	-0.448
2019	-0.096	-0.139	-0.130	-0.340	-0.404
2020	-0.193	-0.236	-0.227	-0.435	-0.495
2021	-0.301	-0.345	-0.335	-0.547	-0.605

Consumer Opt-Out Charge (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2017-2021	1.878	1.806	1.856	1.531	1.373