



Oregon

Kate Brown, Governor

Public Utility Commission

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December 17, 2019



BY EMAIL

PacifiCorp, dba Pacific Power

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RE: Advice No. 19-017

At the public meeting on December 17, 2019, the Commission adopted Staff's recommendation in this matter docketed as UE 356. The Staff Report and a receipted copy of the sheets in your advice filing are attached.

Nolan Moser

Chief Administrative Law Judge

Public Utility Commission of Oregon

(503) 378-3098

**PUBLIC UTILITY COMMISSION OF OREGON
STAFF REPORT
PUBLIC MEETING DATE: December 17, 2019**

REGULAR _____ **CONSENT** X **EFFECTIVE DATE** January 1, 2020

DATE: December 6, 2019

TO: Public Utility Commission

FROM: Scott Gibbens

THROUGH: Mike Dougherty and John Crider **SIGNED**

SUBJECT: PACIFIC POWER:
(Docket No. UE 356/Advice No. 19-017)
2020 Transition Adjustment Mechanism Compliance Filing.

STAFF RECOMMENDATION:

The Public Utility Commission of Oregon (Commission) should approve the compliance filing submitted by PacifiCorp d/b/a Pacific Power (PacifiCorp or Company) in compliance with Order No. 19-351 and allow the tariff sheets filed in Advice No. 19-017 to go into effect on January 1, 2020.

DISCUSSION:

Issue

Whether the Commission should approve PacifiCorp's compliance filing implementing changes to its rates approved by the Commission in Order No. 19-351.

Applicable Law

Compliance filings are not defined in statute or rule, but are a mechanism used to implement a rate change resulting from a Commission decision.¹

¹ See Order No. 08-118.

Analysis

Initial Filing

On April 1, 2019, PacifiCorp filed its 2020 net power cost (NPC) projection, consistent with the terms of its Schedule 201, which is the result of the Company's annual Transition Adjustment Mechanism (TAM). The TAM is designed to allow PacifiCorp to revise customer rates to reflect those changes in its projected NPC resulting from new information and to set transition credits for Oregon customers who choose direct access in the November open enrollment window. PacifiCorp's forecast NPC consists of wholesale sales, fuel expense, purchased power, and wheeling expense. The TAM also includes a forecast for other revenues related to NPC, Energy Imbalance Market (EIM) benefits and costs, and Production Tax Credits (PTCs). The filing included direct testimony in support of the 2020 NPC projection of \$1,479.8 million on a total company basis, or approximately \$24.77 per megawatt-hour (MWh). This would have translated to an overall rate increase of approximately \$0.15 per MWh from the final 2019 projected power costs. The primary factors responsible for the increase were a reduction in wholesale sales revenue and an increase in natural gas fuel expenses.

When viewing the initial filing on an Oregon allocated basis however, the 2020 TAM results in a decrease to Oregon rates of approximately \$14.7 million or 1.2 percent. This is the result of load changes between the states which caused allocation factors and rates to adjust.

The Company generally updates the following parameters in each TAM:

- a) System Load;
- b) Wholesale sales and purchase contracts;
- c) Market prices for electricity and natural gas;
- d) PTC forecast;
- e) EIM benefit and cost forecast;
- f) Fuel expenses; and
- g) Characteristics and availability of the Company's generation facilities.

Along with the preceding parameters, the Company also proposed the following model refinements: updated scalars for the Official Forward Price Curve (OFPC), updated shaping for solar generation, and updated GRID topology to split the Wyoming Northeast bubble into a Wyoming East and Wyoming North bubble.

UE 356 Proceedings

Following the Company's initial filing, the stipulating parties held a technical workshop to discuss issues and review PacifiCorp's filing on May 29, 2019. Staff, the Oregon

Citizens' Utility Board, Calpine Energy Solutions, and the Alliance of Western Energy Consumers filed testimony related to the TAM Issues on June 10, 2019.

On June 25, 2019 the parties held a settlement conference. On July 15, 2019, PGE filed reply testimony. On July 29, 2019 and July 31, 2019, the Stipulating Parties participated in settlement conferences. On August 1, 2019, PacifiCorp filed a motion to suspend the procedural schedule related to the TAM Issues, indicating that the parties had reached an agreement in principle. The administrative law judges granted the motion.

On September 23, 2019, PacifiCorp filed a stipulation and supporting testimony joined by all parties. The stipulation settled all issues raised in the proceedings including:

- a) 2020 Repowering Projects;
- b) Glenrock III Repowering;
- c) New Wind Resources and Transmission;
- d) PTC Floor and Wind Capacity Factors;
- e) EIM Benefits;
- f) Jim Bridger-to-Walla Walla Transmission Link;
- g) Bridger Coal Company Depreciation;
- h) Gas Optimization Margins;
- i) Consumer Opt-Out Charge;
- j) Direct Access Transition Adjustments; and
- k) Gas Transmission Northwest Adjustment.

The Commission issued Order No. 19-351 on October 30, 2019, adopting the TAM Issue stipulation and requiring the Utility to complete a final NPC run by November 15, 2019, to finalize estimated power cost amounts.

At the time of the settlement, PacifiCorp's 2020 NPC forecast, inclusive of the UE 356 Stipulation terms, was approximately \$349.1 million, representing a 1.6 percent reduction on an overall basis from the 2019 TAM.

On November 15, 2019, PacifiCorp performed the final update of its 2020 NPC forecast. The final NPC forecast totaled \$344.4 million, however the amount will decrease by a projected \$8.5 million throughout 2020, as PacifiCorp's new and repowered wind projects are completed. The rates listed in Advice No. 19-017 result in the average residential customer, using 850 kW of power in a month, saving roughly \$1.54 per month. This filing will affect approximately 627,000 customers.

Advice No. 19-017

On November 15, 2019, the Company filed Advice No. 19-017. Staff reviewed the filing, tariff schedule, and workpapers to ensure the proposed filing is accurately calculated and consistent with Commission policy and direction.

In addition to Schedule 201, which updates NPC, Advice No. 19-017 also updates Schedules 205, 220, 294, 295, and 296. Schedule 205 (TAM Adjustment for Other Revenues) is included as an issue in the TAM as PacifiCorp reforecasts their energy related other revenues in each TAM. Schedule 220 (Standard Supply Service) is updated based on the forward price curves established in the TAM. Schedules 294-296 provide the transition adjustments for those customers electing direct access during the upcoming election window.

In total, 10 sheets are updated through Advice No. 19-017, a list of which can be found on the first page of the Company's application.

In the process of reviewing the filing and its compliance with the Order and Stipulation, Staff noted that EIM benefits for GHG revenue and flexible reserve savings were updated. The language in the Stipulation states that EIM benefits will not be updated; however, the intent of the language in the Stipulation was to address the only litigated EIM benefit issue, related to EIM inter-regional benefits, and was not intended to preclude updating other EIM benefits in the normal course of TAM updates. As a result of changes to the expected market prices, the total EIM benefit amount for these two categories of benefits dropped by roughly a million dollars; however, the overall impact of the decrease in market prices had resulted in a decrease in overall NPC. The parties participated in a phone call to discuss this issue and all agreed that PacifiCorp's actions had been in line with the intent of the settlement. Staff notes that paragraph 14 allows for updates consistent with the TAM Guidelines.

Staff found no other issues with the Company's filed tariff sheets and believes them to be correct and fair.

Conclusion

Based on the review of PacifiCorp's application, Staff concludes that the proposed revisions are consistent with Order No. 19-351.

PROPOSED COMMISSION MOTION:

Approve the compliance filing submitted by PacifiCorp in compliance with Order No. 19-351 and allow the tariff sheets filed in Advice No. 19-017 to go into effect on January 1, 2020.

NET POWER COSTS
COST-BASED SUPPLY SERVICE

Page 1

Available

In all territory served by the Company in the State of Oregon.

Applicable

To Residential Consumers and Nonresidential Consumers who have elected to take Cost-Based Supply Service under this schedule or under Schedules 210, 211, 212, 213 or 247. This service may be taken only in conjunction with the applicable Delivery Service Schedule. Also applicable to Nonresidential Consumers who, based on the announcement date defined in OAR 860-038-275, do not elect to receive standard offer service under Schedule 220 or direct access service under the applicable tariff. In addition, applicable to some Large Nonresidential Consumers on Schedule 400 whose special contracts require prices under the Company's previously applicable Schedule 48T. For Consumers on Schedule 400 who were served on previously applicable Schedule 48T prices under their special contract, this service, in conjunction with Delivery Service Schedule 48, supersedes previous Schedule 48T.

Nonresidential Consumers who had chosen either service under Schedule 220 or who chose to receive direct access service under the applicable tariff may qualify to return to Cost-Based Supply Service under this Schedule after meeting the Returning Service Requirements and making a Returning Service Payment as specified in this Schedule.

Monthly Billing

The Monthly Billing shall be the Energy Charge, as specified below by Delivery Service Schedule.

<u>Delivery Service Schedule No.</u>			<u>Delivery Voltage</u>		Transmission	(R)
			Secondary	Primary		
4	Per kWh	0-1000 kWh	2.444¢			(R)
		> 1000 kWh	3.340¢			
5	Per kWh	0-1000 kWh	2.444¢			(R)
		> 1000 kWh	3.340¢			
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).						
23	First 3,000 kWh, per kWh All additional kWh, per kWh		2.708¢	2.623¢		(R)
			2.007¢	1.946¢		
28	First 20,000 kWh, per kWh All additional kWh, per kWh		2.649¢	2.549¢		
			2.574¢	2.481¢		
30	First 20,000 kWh, per kWh All additional kWh, per kWh		2.831¢	2.800¢		
			2.454¢	2.420¢		
41	Winter, first 100 kWh/kW, per kWh		3.781¢	3.653¢		(R)
	Winter, all additional kWh, per kWh		2.575¢	2.495¢		
	Summer, all kWh, per kWh		2.575¢	2.495¢		

For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.

(continued)
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P.U.C. OR No. 36

Issued November 15, 2019

Etta Lockey, Vice President, Regulation

Tenth Revision of Sheet No. 201-1

Canceling Ninth Revision of Sheet No. 201-1

Effective for service on and after January 1, 2020

Advice No. 19-017/Docket No. UE 356

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Page 2

Monthly Billing (continued)

<u>Delivery Service Schedule No.</u>		<u>Delivery Voltage</u>		
		Secondary	Primary	Transmission
47/48	Per kWh On-Peak	2.497¢	2.317¢	2.176¢ (R)
	Per kWh, Off-Peak	2.447¢	2.267¢	2.126¢ (R)

For Schedule 47 and Schedule 48, On-Peak hours are from 6:00 a.m. to 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-Peak hours are remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

52	For dusk to dawn operation, per kWh	2.029¢	(R)
	For dusk to midnight operation, per kWh	2.029¢	
54	Per kWh	1.492¢	(R)

15	<u>Type of Luminaire</u>	<u>Nominal Rating</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	Mercury Vapor	7,000	76	\$ 1.55	(R)
	Mercury Vapor	21,000	172	\$ 3.50	
	Mercury Vapor	55,000	412	\$ 8.39	
	High Pressure Sodium	5,800	31	\$ 0.63	
	High Pressure Sodium	22,000	85	\$ 1.73	
	High Pressure Sodium	50,000	176	\$ 3.59	(R)

50 A. Company-owned Overhead System

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

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>	
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)	
Horizontal, per lamp	\$1.28	\$2.89	\$6.93	(R)
Vertical, per lamp	\$1.28	\$2.89		(R)

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

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>	
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)	
On 26-foot poles, horizontal, per lamp	\$1.28			(R)
On 26-foot poles, vertical, per lamp	\$1.28			
On 30-foot poles, horizontal, per lamp		\$2.89		
On 30-foot poles, vertical, per lamp		\$2.89		
On 33-foot poles, horizontal, per lamp			\$6.93	(R)

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**NET POWER COSTS
COST-BASED SUPPLY SERVICE**

Page 3

Monthly Billing (continued)
Delivery Service Schedule No.
50 B. Company-owned Underground System

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>	
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)	
On 26-foot poles, horizontal, per lamp	\$1.28			(R)
On 26-foot poles, vertical, per lamp	\$1.28			
On 30-foot poles, horizontal, per lamp		\$2.89		
On 30-foot poles, vertical, per lamp		\$2.89		
On 33-foot poles, horizontal, per lamp			\$6.93	(R)

51	<u>Types of Luminaire</u>	<u>Nominal rating</u>	<u>Watts</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	LED	4,000	100 (comp)		\$0.50	(R)
	LED	6,200	150 (comp)		\$0.72	
	LED	13,000	250 (comp)		\$1.35	
	LED	16,800	400 (comp)		\$1.83	
	High Pressure Sodium	5,800	70	31	\$0.82	
	High Pressure Sodium	9,500	100	44	\$1.17	
	High Pressure Sodium	16,000	150	64	\$1.70	
	High Pressure Sodium	22,000	200	85	\$2.25	
	High Pressure Sodium	27,500	250	115	\$3.05	
	High Pressure Sodium	50,000	400	176	\$4.66	
	Metal Halide	12,000	175	68	\$1.80	
	Metal Halide	19,500	250	94	\$2.49	(R)

53	<u>Types of Luminaire</u>	<u>Nominal rating</u>	<u>Watts</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	High Pressure Sodium	5,800	70	31	\$0.27	(R)
	High Pressure Sodium	9,500	100	44	\$0.38	
	High Pressure Sodium	16,000	150	64	\$0.55	
	High Pressure Sodium	22,000	200	85	\$0.73	
	High Pressure Sodium	27,500	250	115	\$0.99	
	High Pressure Sodium	50,000	400	176	\$1.52	
	Metal Halide	9,000	100	39	\$0.34	
	Metal Halide	12,000	175	68	\$0.59	
	Metal Halide	19,500	250	94	\$0.81	
	Metal Halide	32,000	400	149	\$1.29	
	Metal Halide	107,800	1,000	354	\$3.06	

Non-Listed Luminaire, per kWh 0.864¢

(R)

(R)

(R)

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P.U.C. OR No. 36

 Issued November 15, 2019
 Etta Lockey, Vice President, Regulation

 Tenth Revision of Sheet No. 201-3
 Canceling Ninth Revision of Sheet No. 201-3
Effective for service on and after January 1, 2020
 Advice No. 19-017/Docket No. UE 356

TAM ADJUSTMENT FOR OTHER REVENUES

Page 1

Purpose

This schedule adjusts rates for Other Revenues as authorized by Order No. 10-363.

Applicable

To all Residential Consumers and Nonresidential Consumers.

Energy Charge

The adjustment rate is listed below by Delivery Service Schedule and Direct Access Delivery Service Schedule.

<u>Delivery Service Schedule No.</u>			<u>Delivery Voltage</u>		
			Secondary	Primary	Transmission
4	Per kWh	0-1000 kWh > 1000 kWh	0.019¢ 0.027¢		(l)
5	Per kWh	0-1000 kWh > 1000 kWh	0.019¢ 0.027¢		(l)
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).					
23, 723	First 3,000 kWh, per kWh All additional kWh, per kWh		0.023¢ 0.017¢	0.022¢ 0.016¢	(l)
28, 728	First 20,000 kWh, per kWh All additional kWh, per kWh		0.021¢ 0.020¢	0.021¢ 0.020¢	
30, 730	First 20,000 kWh, per kWh All additional kWh, per kWh		0.023¢ 0.020¢	0.022¢ 0.020¢	
41, 741	Winter, first 100 kWh/kW, per kWh Winter, all additional kWh, per kWh Summer, all kWh, per kWh		0.030¢ 0.021¢ 0.021¢	0.029¢ 0.020¢ 0.020¢	(l)

For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.

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 Seventh Revision of Sheet No. 205-1
 Canceling Sixth Revision of Sheet No. 205-1
Effective for service on and after January 1, 2020
 Advice No. 19-017/Docket No. UE 356

TAM ADJUSTMENT FOR OTHER REVENUES

Page 2

Energy Charge (continued)

<u>Delivery Service Schedule No.</u>	<u>Secondary</u>	<u>Delivery Voltage</u>		<u>Transmission</u>	
		<u>Primary</u>			
47/48 Per kWh On-Peak	0.020¢	0.018¢	0.017¢	(l)	
747/748 Per kWh, Off-Peak	0.020¢	0.018¢	0.017¢	(l)	

For Schedule 47 and Schedule 48, On-Peak hours are from 6:00 a.m. to 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-Peak hours are remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

52, 752 For dusk to dawn operation, per kWh	0.017¢	(l)
For dusk to midnight operation, per kWh	0.017¢	(l)
54,754 Per kWh	0.010¢	

15	<u>Type of Luminaire</u>	<u>Nominal Rating</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
	Mercury Vapor	7,000	76	\$0.01	
	Mercury Vapor	21,000	172	\$0.03	
	Mercury Vapor	55,000	412	\$0.07	
	High Pressure Sodium	5,800	31	\$0.01	(l)
	High Pressure Sodium	22,000	85	\$0.01	
	High Pressure Sodium	50,000	176	\$0.03	

50 A. Company-owned Overhead System

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

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)
Horizontal, per lamp	\$0.01	\$0.02	\$0.05
Vertical, per lamp	\$0.01	\$0.02	

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

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)
On 26-foot poles, horizontal, per lamp	\$0.01		
On 26-foot poles, vertical, per lamp	\$0.01		
On 30-foot poles, horizontal, per lamp		\$0.02	
On 30-foot poles, vertical, per lamp		\$0.02	
On 33-foot poles, horizontal, per lamp			\$0.05

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TAM ADJUSTMENT FOR OTHER REVENUES

Page 3

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

<u>Nominal Lumen Rating</u>	<u>7,000</u>	<u>21,000</u>	<u>55,000</u>
	(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)
On 26-foot poles, horizontal, per lamp	\$0.01		
On 26-foot poles, vertical, per lamp	\$0.01		
On 30-foot poles, horizontal, per lamp		\$0.02	
On 30-foot poles, vertical, per lamp		\$0.02	
On 33-foot poles, horizontal, per lamp			\$0.05

51, 751	<u>Types of Luminaire</u>	<u>Nominal rating</u>	<u>Watts</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>
	LED	4,000	100 (comp)		\$0.00
	LED	6,200	150 (comp)		\$0.01
	LED	13,000	250 (comp)		\$0.01
	LED	16,800	400 (comp)		\$0.01
	High Pressure Sodium	5,800	70	31	\$0.01
	High Pressure Sodium	9,500	100	44	\$0.01
	High Pressure Sodium	16,000	150	64	\$0.01
	High Pressure Sodium	22,000	200	85	\$0.02
	High Pressure Sodium	27,500	250	115	\$0.02
	High Pressure Sodium	50,000	400	176	\$0.04
	Metal Halide	12,000	175	68	\$0.01
	Metal Halide	19,500	250	94	\$0.02

(l)

53, 753	<u>Types of Luminaire</u>	<u>Nominal rating</u>	<u>Watts</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>
	High Pressure Sodium	5,800	70	31	\$0.00
	High Pressure Sodium	9,500	100	44	\$0.00
	High Pressure Sodium	16,000	150	64	\$0.00
	High Pressure Sodium	22,000	200	85	\$0.01
	High Pressure Sodium	27,500	250	115	\$0.01
	High Pressure Sodium	50,000	400	176	\$0.01
	Metal Halide	9,000	100	39	\$0.00
	Metal Halide	12,000	175	68	\$0.00
	Metal Halide	19,500	250	94	\$0.01
	Metal Halide	32,000	400	149	\$0.01
	Metal Halide	107,800	1,000	354	\$0.02

Non-Listed Luminaire, per kWh 0.007¢

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11/15/2019

P.U.C. OR No. 36

Issued November 15, 2019

Etta Lockey, Vice President, Regulation

Seventh Revision of Sheet No. 205-3

Canceling Sixth Revision of Sheet No. 205-3

Effective for service on and after January 1, 2020

Advice No. 19-017/Docket No. UE 356

STANDARD OFFER SUPPLY SERVICE

Page 1

Available

In all territory served by the Company in the State of Oregon.

Applicable

To Nonresidential Consumers who have elected to take this service. This service may be taken only in conjunction with the applicable Delivery Service Schedule.

Energy Charge

The Energy Charge shall be based on the Energy Charge Daily Rate as described below.

The Energy Charge Daily Rate is calculated by applying the same monthly weights produced by the Weighted Market Value calculation in the Transition Adjustment Schedule – Schedule 294 to actual daily market prices reported by the Platts indices at California/Oregon Border (COB), Mid-Columbia (Mid-C) and Desert Southwest (DSW), which includes the Palo Verde and Four Corners markets. The weights and thermal value will remain constant throughout the calendar year.

Standard Offer HLH			Standard Offer LLH		
<u>Market</u>	<u>Weight</u>		<u>Market</u>	<u>Weight</u>	
COB	11.24%		COB	5.86%	
DSW	16.90%		DSW	8.30%	
Mid C	38.31%		Mid C	14.57%	
SP15	0.00%		SP15	0.00%	
Thermal	33.55%	\$17.96/MWh	Thermal	71.27%	\$18.94/MWh
Total	100%		Total	100%	

If prices are not reported for a particular day or days, the average of the immediately preceding and following reported days' on-peak and off-peak prices shall be used to determine the price for the non-reported period. On-peak and off-peak hours shall be defined as reported by Platts for the Mid-Columbia Index. Currently, on-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-peak hours are all remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

The Consumer shall notify the Company of its choice of this option within the period defined in OAR 860-038-275. The Consumer shall remain on this option until the Company is properly notified of the Consumers' election of Direct Access Service. The Consumer may return to Cost-Based Supply Service consistent with the provisions of Schedule 201.

 (continued)
 Received by OPUC

Filing Center

11/15/2019

TRANSITION ADJUSTMENT

Page 2

One-Year Option - Transition Adjustments (cents/kWh)

23/723 Secondary		23/723 Primary		28/728 Secondary		28/728 Primary		30/730 Secondary	
HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH

Jan-20	-0.961	-1.094	-1.149	-1.200	-0.895	-1.021	-1.058	-1.147	-1.006	-1.146
Feb-20	-0.940	-0.809	-1.177	-0.958	-0.825	-0.747	-0.896	-0.870	-0.971	-0.870
Mar-20	-0.188	-0.119	-0.374	-0.235	-0.107	-0.060	-0.203	-0.178	-0.227	-0.181
Apr-20	0.257	0.126	0.197	0.021	0.344	0.162	0.229	0.077	0.230	0.054
May-20	0.826	0.715	0.681	0.514	0.867	0.788	0.733	0.693	0.742	0.648
Jun-20	-0.073	0.547	-0.119	0.245	0.022	0.645	-0.118	0.515	-0.116	0.456
Jul-20	-4.354	-2.705	-3.950	-2.345	-4.096	-2.643	-4.147	-2.739	-4.295	-2.728
Aug-20	-5.124	-3.003	-3.497	-2.728	-4.840	-2.932	-4.924	-2.989	-5.022	-3.013
Sep-20	-1.121	-1.380	-1.903	-1.496	-1.122	-1.404	-0.935	-1.441	-1.173	-1.476
Oct-20	-0.745	-0.544	-0.875	-0.682	-0.695	-0.478	-0.808	-0.591	-0.804	-0.597
Nov-20	-0.537	-0.623	-0.591	-0.795	-0.476	-0.557	-0.586	-0.665	-0.640	-0.755
Dec-20	-1.785	-1.494	-1.894	-1.630	-1.717	-1.428	-1.830	-1.537	-1.855	-1.547

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-20	-1.091	-1.187					-1.047	-1.096	-1.175	-1.310
Feb-20	-0.934	-0.895					-0.996	-0.950	-1.235	-1.071
Mar-20	-0.256	-0.220					-0.200	-0.170	-0.432	-0.387
Apr-20	0.184	0.029	0.082	0.241	0.013	0.172	0.168	0.176	0.045	-0.112
May-20	0.703	0.637	0.854	0.724	0.785	0.655	0.725	0.605	0.535	0.448
Jun-20	-0.158	0.457	-0.221	0.226	-0.290	0.156	-0.204	0.159	-0.326	0.138
Jul-20	-4.357	-2.840	-3.336	-2.154	-3.405	-2.223	-3.705	-2.724	-4.477	-2.850
Aug-20	-5.144	-3.144	-3.628	-2.902	-3.697	-2.971	-3.896	-3.054	-5.354	-3.168
Sep-20	-1.181	-1.497	-1.240	-1.377	-1.309	-1.447	-1.397	-1.484	-1.282	-1.659
Oct-20	-0.836	-0.636	-0.761	-0.515	-0.830	-0.584	-0.849	-0.675	-1.017	-0.809
Nov-20	-0.631	-0.713					-0.510	-0.657	-0.784	-0.866
Dec-20	-1.889	-1.588					-1.823	-1.565	-2.037	-1.767

47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH

Jan-20	-1.214	-1.372	-0.847	-0.988	-1.470	-1.611	-2.632	-2.773	-2.005	-2.146
Feb-20	-1.225	-1.073	-0.871	-0.721	-1.494	-1.344	-2.657	-2.506	-2.029	-1.879
Mar-20	-0.478	-0.440	-0.065	-0.031	-0.688	-0.654	-1.850	-1.816	-1.223	-1.189
Apr-20	-0.031	-0.174	0.403	0.246	-0.220	-0.377	-1.382	-1.539	-0.755	-0.912
May-20	0.459	0.357	0.900	0.801	0.277	0.178	-0.885	-0.984	-0.258	-0.357
Jun-20	-0.365	0.119	0.035	0.546	-0.588	-0.077	-1.750	-1.239	-1.123	-0.612
Jul-20	-4.372	-2.791	-4.132	-2.444	-4.755	-3.067	-5.917	-4.229	-5.290	-3.602
Aug-20	-5.244	-3.149	-5.124	-2.784	-5.747	-3.407	-6.909	-4.569	-6.282	-3.942
Sep-20	-1.368	-1.675	-0.945	-1.305	-1.568	-1.928	-2.730	-3.090	-2.103	-2.463
Oct-20	-1.043	-0.850	-0.649	-0.454	-1.272	-1.077	-2.434	-2.239	-1.807	-1.612
Nov-20	-0.841	-0.939	-0.445	-0.616	-1.067	-1.239	-2.230	-2.401	-1.602	-1.774
Dec-20	-2.032	-1.770	-1.672	-1.404	-2.294	-2.027	-3.457	-3.190	-2.829	-2.562

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

Page 2

Three-Year Option - Transition Adjustments (cents/kWh)
Adjustments for Consumers Electing This Option for 2018-2020 (No New Service)

(D)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2018	-0.123	-0.109	-0.166	-0.159
2019	-0.148	-0.237	-0.225	-0.262
2020	-0.389	-0.319	-0.460	-0.338

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2018	-0.021	-0.114	-0.346	-0.377	-0.402	-0.461
2019	-0.057	-0.295	-0.389	-0.487	-0.445	-0.533
2020	-0.631	-0.446	-0.641	-0.601	-0.666	-0.659

Adjustments for Consumers Electing This Option for 2019-2021 (No New Service)

(C)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2019	-0.916	-0.907	-0.962	-0.964
2020	-0.584	-0.685	-0.663	-0.732
2021	-0.943	-0.995	-0.978	-1.020

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2019	-1.020	-0.711	-1.154	-1.134	-1.164	-1.251
2020	-0.854	-0.659	-0.805	-0.915	-0.781	-1.013
2021	-1.155	-0.883	-1.197	-1.203	-1.154	-1.278

Adjustments for Consumers Electing This Option for 2020-2022

(N)

	30/730 Secondary		30/730 Primary	
	HLH	LLH	HLH	LLH
2020	-0.987	-0.983	-1.048	-0.955
2021	-1.112	-1.208	-1.150	-1.244
2022	-1.179	-1.437	-1.210	-1.416

	47/747, 48/748 Secondary		47/747, 48/748 Primary		47/747, 48/748 Transmission	
	HLH	LLH	HLH	LLH	HLH	LLH
2020	-1.236	-1.113	-1.214	-1.178	-1.215	-1.191
2021	-1.238	-1.559	-1.317	-1.485	-1.334	-1.475
2022	-1.406	-1.687	-1.392	-1.634	-1.399	-1.615

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

Page 4

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2018 (No New Service)

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

Consumer Opt-Out Charge (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2018-2022	2.005	1.935	1.987	1.666	1.462

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2019 (No New Service)

(C)

Transition Adjustments (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2019	-0.376	-0.417	-0.408	-0.607	-0.661
2020	-0.776	-0.815	-0.806	-0.996	-1.034
2021	-0.004	-0.044	-0.035	-0.232	-0.299
2022	-0.174	-0.216	-0.206	-0.416	-0.481
2023	-0.556	-0.600	-0.590	-0.810	-0.865

Consumer Opt-Out Charge (cents/kWh)					
	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2019-2023	1.633	1.563	1.616	1.291	1.081

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TRANSITION ADJUSTMENT
FIVE-YEAR COST OF SERVICE OPT-OUT

Page 5

Adjustments for Consumers Electing This Option for Service Beginning January 1, 2020
Transition Adjustments (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2020	-0.766	-0.803	-0.795	-0.976	-1.011
2021	-1.158	-1.191	-1.184	-1.347	-1.363
2022	-1.250	-1.284	-1.277	-1.446	-1.460
2023	-1.343	-1.378	-1.369	-1.542	-1.555
2024	-1.423	-1.458	-1.450	-1.625	-1.636

Consumer Opt-Out Charge (cents/kWh)

	730 Secondary	730 Primary	747, 748 Secondary	747, 748 Primary	747, 748 Transmission
2020-2024	1.010	0.947	0.997	0.706	0.528

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