

April 27, 2016

Public Utility Commission of Oregon Attn: Filing Center 201 High Street, S.E. P.O. Box 1088 Salem, OR 97308-1088

RE: Advice No. 16-07, Housekeeping

Portland General Electric (PGE) submits this filing pursuant to Oregon Revised Statutes 757.205 and 757.210, and Oregon Administrative Rules 860-022-0025, for filing proposed tariff sheets associated with Tariff P.U.C. No. 18, with a requested effective date of **June 8, 2016**:

Fourteenth Revision of Sheet No. 1-1 Twenty Sixth Revision of Sheet No. 1-3 Twelfth Revision of Sheet No. 1-4 Sixth Revision of Sheet No. 7-2 Seventh Revision of Sheet No. 7-3 Fourth Revision of Sheet No. 7-4 Sixth Revision of Sheet No. 32-2 Sixth Revision of Sheet No. 32-3 First Revision of Sheet No. 99-1 Twenty Seventh Revision of Sheet No. 100-1 Fourteenth Revision of Sheet No. 125-3 Fourteenth Revision of Sheet No. 300-1 Second Revision of Sheet No. 320-2 First Revision of Sheet No. 402-1 First Revision of Sheet No. 491-20 Eighth Revision of Sheet No. 591-13 Fifth Revision of Sheet No. 600-2 First Revision of Sheet No. A-1 First Revision of Sheet No. B-1 First Revision of Sheet No. B-2 Eighth Revision of Sheet No. B-8 Eighth Revision of Sheet No. B-9 First Revision of Sheet No. C-4

Second Revision of Sheet No. E-5

The Company hereby withdraws:

First Revision of Sheet No. 12-1

First Revision of Sheet No. 12-2

First Revision of Sheet No. 12-3

First Revision of Sheet No. 12-4

Second Revision of Sheet No. 144-1

Fourth Revision of Sheet No. 144-2

Fourth Revision of Sheet No. 144-3

First Revision of Sheet No. 147-1

First Revision of Sheet No. 147-2

Original Sheet No. 147-3

This filing makes a number of housekeeping changes to PGE's Tariff for the purpose of correcting references, typographical errors, and minor updates.

<u>Sheet Nos. 1-1, 1-3 and 1-4:</u> Updates were made to the Table of Contents to remove reference to Schedules 12, 144, and 147. Schedule 54 was moved to Sheet No. 1-4 under Non-Utility Services and the schedule name was also updated. Schedule 320 was also moved under Non-Utility Services.

<u>Sheet Nos. 7-2, 7-3, 32-2 and 32- 3:</u> Reference to the Renewable Solar Option, Customer payment of \$5.00 per month was changed from kW to per unit.

Sheet No. 7-4: A typo was corrected in the section title "Plug-in Electric Vehicle (EV) TOU Option".

<u>Sheet No. 99-1:</u> Added clarifying language to the Term section which clarifies eligibility to Direct Access Customers.

Sheet No. 100-1: Schedule 100 was updated to reflect the deletion of Schedules 12, 144 and 147.

Sheet No. 125-3: Removed reference to Part A as it no longer applies.

<u>Sheet No. 300-1:</u> In the Billing Rates section, reference to Rules C and I were removed as it was not applicable.

<u>Sheet Nos. 320-2:</u> Reference to Schedule 725 was removed from Special Condition 2. Schedule 725 has been withdrawn from the Tariff.

<u>Sheet No. 402-1:</u> Added clarifying language that the two accounts used for promotional concessions are valid FERC Accounts.

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Sheet No. 491-20: Corrected the (Continued) and now reads (Concluded).

<u>Sheet No. 591-13:</u> While working on PGE's GRC Compliance filing (Advice No. 15-33), the Service Rates for Alternative Lightening was inadvertently removed from Sheet No. 591-13. This correction reinstates the service rates.

Sheet Nos. 600-2, A-1 and B-1: Reference to the "700 Series" has been removed from Sheets 600-2, A-1 and B-1.

<u>Sheet No. B-2:</u> Section entitled Direct Access Service, added clarity to the acronym ESS to read, Electricity Service Supplier.

<u>Sheet Nos. B-8 and B-9:</u> Reference was changed from Tradable Renewable Credits (TRCs) to Renewable Energy Certificates (RECs). Also, add "Concluded" at the bottom of Sheet No. B-9.

<u>Sheet No. C-4:</u> Updates were made to Rule C Delivery Voltages. Clarification was added to the Primary and Subtransmission subsections.

Sheet No. E-5: Added clarifying language to the Delinquent Accounts section.

As this filing proposes "changes to existing schedules" under OAR 860-022-0025(2), PGE provides the following additional information:

The proposed changes in this filing make a number of housekeeping changes to PGE's Tariff for the purpose of correcting references, typographical errors, and minor updates. There are no PGE customers affected by the proposed changes. OAR 860-022-0030(1) does not apply as this filing does not propose to increase prices.

Should you have any questions or comments regarding this filing, please contact Mary Widman at (503) 464-8223.

Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com

Sincerely,

Karla Wenzel

Manager, Pricing and Tariffs

PORTLAND GENERAL ELECTRIC COMPANY TABLE OF CONTENTS RATE SCHEDULES

<u>Schedule</u>	Description	
	Table of Contents, Rate Schedules	
	Table of Contents, Rules and Regulations	
	Standard Service Schedules	
5	Direct Load Control Pilot Rider	
6	Residential Pricing Pilot	
7	Residential Service	(D)
15	Outdoor Area Lighting Standard Service (Cost of Service)	(D)
32	Small Nonresidential Standard Service	
38	Large Nonresidential Optional Time-of-Day Standard Service (Cost of Service)	
47	Small Nonresidential Irrigation and Drainage Pumping Standard Service (Cost of Service)	
49	Large Nonresidential Irrigation and Drainage Pumping Standard Service (Cost of Service)	(11.81)
75	Partial Requirements Service	(M)
76R	Partial Requirements Economic Replacement Power Rider	
77	Firm Load Reduction Program	
81	Nonresidential Emergency Default Service	
83	Large Nonresidential Standard Service (31 – 200 kW)	
85	Large Nonresidential Standard Service (201 – 4,000 kW)	

86 Nonresidential Demand Buy Back Rider

PORTLAND GENERAL ELECTRIC COMPANY TABLE OF CONTENTS RATE SCHEDULES

<u>Schedule</u>	Description	
	Adjustment Schedules (Continued)	(D)
143	Spent Fuel Adjustment	(D)
145	Boardman Power Plant Decommissioning Adjustment	(D)
	Small Power Production	(D)
200	Dispatchable Standby Generation	
203	Net Metering Service	
215	Solar Payment Option Pilot Small Systems (10 kW or Less)	
216	Solar Payment Option Pilot Medium Systems (Greater Than 10 kW to 100 kW)	
217	Solar Payment Option Pilot Large Systems (Greater Than 100 kW to 500 kW)	
	Schedules Summarizing Other Charges	
300	Charges as defined by the Rules and Regulations and Miscellaneous Charges	
310	Deposits for Residential Service	(BA)
330	Advanced Metering Infrastructure (AMI Project) Meter Base Repair Program	(M)
338	On-Bill Loan Repayment Service Pilot – Portland Clean Energy Fund Program (No New Service)	
339	On-Bill Loan Repayment Service – Clean Energy Works of Oregon Program	
340	On-Bill Repayment Service - Energy Efficiency and Sustainable Technologies (EEAST)	
341	Energy Efficiency Upgrade Voluntary On-Bill Repayment Service	
344	Oregon Electric Vehicle (EV) Highway Pilot Rider	
	<u>Promotional Concessions</u>	
402	Promotional Concessions Residential Products and Services	

PORTLAND GENERAL ELECTRIC COMPANY TABLE OF CONTENTS RATE SCHEDULES

<u>Schedule</u>	Description	
	Transmission Access Service	
485	Large Nonresidential Cost of Service Opt-Out (201 – 4,000 kW)	
489	Large Nonresidential Cost of Service Opt-Out (>4,000 kW)	
490	Large Nonresidential Cost of Service Opt-Out (>4,000 kW and Aggregate to >100 MWa)	
491	Street and Highway Lighting Cost of Service Opt-Out	
492	Traffic Signals Cost of Service Opt-Out	
495	Street and Highway Lighting New Technology Cost of Service Opt-Out	
	<u>Direct Access Schedules</u>	
515	Outdoor Area Lighting Direct Access Service	
532	Small Nonresidential Direct Access Service	
538	Large Nonresidential Optional Time-of-Day Direct Access Service	
549	Large Nonresidential Irrigation and Drainage Pumping Direct Access Service	
575	Partial Requirements Service Direct Access Service	
576R	Economic Replacement Power Rider Direct Access Service	
583	Large Nonresidential Direct Access Service (31 – 200 kW)	
585	Large Nonresidential Direct Access Service (201 – 4,000 kW)	
589	Large Nonresidential Direct Access Service (>4,000 kW)	
590	Large Nonresidential Direct Access Service (>4,000 kW and Aggregate to >100 MWa)	
591	Street and Highway Lighting Direct Access Service	
592	Traffic Signals Direct Access Service	
595	Street and Highway Lighting New Technology Direct Access Service	
600	Electricity Service Supplier Charges	
	Non-Utility Services	
54	Large Nonresidential Renewable Energy Certificates Rider	(T)(M)
320	Meter Information Services	(M)
715	Electrical Equipment Services	
750	Informational Only: Franchise Fee Rate Recovery	
800	Service Maps	
	TABLE OF CONTENTS RATE SCHEDULES (Concluded)	

Advice No. 16-07 Issued April 27, 2016 James F. Lobdell, Senior Vice President

SCHEDULE 7 (Continued)

MONTHLY RATE (Continued)

Renewable Portfolio Options (available upon enrollment in either Energy Charge option)

Renewable Usage Option	0.800	¢ per kWh in addition to Energy Charge	
Renewable Fixed Option	\$2.50	per month per block	
Renewable Solar Option	\$5.00	per unit in addition to Energy Charge	(C)
Renewable Habitat Adder ^(*)	\$2.50	per month	

^{*} Only Customers who are enrolled in a Renewable Portfolio Option (Renewable Usage, Renewable Fixed or Renewable Solar Options described herein) may choose the Renewable Habitat Adder.

RENEWABLE PORTFOLIO OPTIONS

The Customer will be charged for the Renewable Portfolio Option in addition to all other charges under this schedule for the term of enrollment in the Renewable Portfolio Option.

Renewable Fixed Option

The Company will purchase 200 kWhs of Renewable Energy Credits (RECs) and/or renewable energy per block enrolled in the Fixed Renewable Option. All RECs purchased under this option will come from new renewable resources.

The Company will also place \$1.50 of the amount received from Customers enrolled in the Fixed Renewable Option in a new renewable resources development and demonstration fund. Amounts in the fund will be disbursed by the Company to public renewable resource demonstration projects or projects which commit to supply energy according to a contractually established timetable. The Company will report to the Commission annually by April 1st for the preceding calendar year on collections and disbursements. The fund will accrue interest at the Commission-authorized rate for deferred accounts.

Renewable Usage Option

All amounts received from the Customer under the Renewable Usage Option less administrative fees will be used to acquire RECs and/or renewable energy all of which will come from new renewable resources.

SCHEDULE 7 (Continued)

RENEWABLE PORTFOLIO OPTIONS (Continued)

Renewable Solar Option

The Renewable Solar Option allows participating Customers, on a monthly basis, to support a PGE sponsored utility-scale solar power plant and its renewable attributes. The company will purchase 1 kW of the output and RECs from new solar facilities connected to the Company's electric grid per unit enrolled in the Renewable Solar Option.

(C)

(C)

In exchange for the Customer's payment of \$5.00 per unit per month, the Customer receives the environmental attributes from a local utility-scale solar project and the utility-scale solar project produces 1kW of energy which flows into the grid. Typical purchases may range to the equivalent of a 1, 2, or 3-kW solar panel array. At the end of each year, PGE will provide individual results to the Customer, reporting how much the Customer's energy usage was offset by solar power and the carbon footprint reduction benefit received. The RECs purchased by the Customer will be retired on behalf of the Customer.

Renewable Habitat Option Adder

The Company will distribute \$2.50 per month as received from each Customer enrolled in the Habitat Option to a nonprofit agency chosen by the Company who will use the funds for habitat restoration.

Energy or RECs supporting the Renewable Portfolio Options will be acquired by the Company such that by March 31 of the succeeding year, the Company will have received sufficient RECs or renewable energy to meet the purchases by Customers. For the Renewable Fixed and Renewable Usage Options, the Company is not required to own renewables or to acquire energy from renewable resources simultaneously with Customer usage.

For purposes of these options, renewable resources include wind generation, solar, biomass, low impact hydro (as certified by the Low Impact Hydro Institute) and geothermal energy sources used to produce electric power. All RECs will be Green-e certified by the Western Renewable Energy Generation Information System (WREGIS) beginning January 1, 2009.

Advice No. 16-07 Issued April 27, 2016 James F. Lobdell, Senior Vice President

SCHEDULE 7 (Continued)

TIME OF USE PORTFOLIO OPTION (Whole Premises or Electric Vehicle (EV) Charging) On- and Off-Peak Hours*

Summer Months (begins May 1st of each year)

On-Peak

3:00 p.m. to 8:00 p.m. Monday-Friday

Mid-Peak

6:00 a.m. to 3:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday;

6:00 a.m. to 10:00 p.m. Saturday

Off-Peak

10:00 p.m. to 6:00 a.m. all days;

6:00 a.m. to 10:00 p.m. Sunday and Holidays**

Winter Months (begins November 1st of each year)

On-Peak

6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m. Monday-Friday

Mid-Peak

10:00 a.m. to 5:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday;

6:00 a.m. to 10:00 p.m. Saturday

Off-Peak

10:00 p.m. to 6:00 a.m. all days;

6:00 a.m. to 10:00 p.m. Sunday and Holidays**

PLUG-IN ELECTRIC VEHICLE (EV) TOU OPTION

A Residential Customer wishing to charge EV's may do so either as part of whole premises service (Standard service or TOU service) or as a separately metered service billed under the TOU option. In such cases, the applicable Basic, Transmission and Related Services, and Distribution charges will apply to the separately metered service as will all other adjustments applied to this schedule (with the exception of the first 1000 kWh's block adjustment). Renewable Portfolio Options are also available under this EV option.

If the Customer chooses separately metered service for EV charging, the service shall be for the exclusive purpose of all EV charging. The Customer, at its expense, will install all necessary and required equipment to accommodate the second metered service at the premises. Such service must be metered with a network meter as defined in Rule B (30) for the purpose of load research, and to collect and analyze data to characterize electric vehicle use in diverse geographic dynamics and evaluate the effectiveness of the charging station infrastructure.

^{*} The time periods set forth 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. Customers with Network Meters will observe the regular daylight saving schedule.

^{**} Holidays are New Year's Day (January 1), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Thanksgiving Day (fourth Thursday in November), and Christmas Day (December 25). If a holiday falls on Saturday, Friday is designated a TOU holiday. If a holiday falls on Sunday, the following Monday is designated a TOU holiday.

SCHEDULE 32 (Continued)

MONTHLY RATE (Continued)

Renewable Portfolio Options

(available upon enrollment in either

Energy Charge option)

Renewable Usage	0.800	¢ per kWh in addition to Energy Charge	
Renewable Fixed	\$2.50	per month per block	
Renewable Solar	\$5.00	per unit in addition to Energy Charge	(C)
Renewable Habitat Adder ^(*)	\$2.50	per month	

^{*} Only Customers who are enrolled in a Renewable Portfolio Option (Renewable Usage or Renewable Fixed or Renewable Solar Portfolio Options described herein) may choose the Renewable Habitat Portfolio Option

RENEWABLE PORTFOLIO OPTIONS

The Customer will be charged for the Renewable Portfolio Option in addition to all other charges under this schedule for the term of enrollment in the Renewable Portfolio Option.

Renewable Fixed Option

The Company will purchase 200 kWhs of Renewable Energy Credits (RECs) and/or renewable energy per block enrolled in the Fixed Renewable Option. All RECs purchased under this option will come from new renewable resources.

The Company will also place \$1.50 of the amount received from Customers enrolled in the Fixed Renewable Option in a new renewable resources development and demonstration fund. Amounts in the fund will be disbursed by the Company to public renewable resource demonstration projects or projects which commit to supply energy according to a contractually established timetable. The Company will report to the Commission annually by April 1st for the preceding calendar year on collections and disbursements. The fund will accrue interest at the Commission-authorized rate for deferred accounts.

Renewable Usage Option

All amounts received from the Customer under the Renewable Usage Option less administrative fees will be used to acquire TRCs and/or renewable energy all of which will come from new renewable resources.

SCHEDULE 32 (Continued)

RENEWABLE PORTFOLIO OPTIONS (Continued)

Renewable Solar Option

The Renewable Solar Option allows participating Customers, on a monthly basis, to support a PGE sponsored utility-scale solar power plant and its renewable attributes. The company will purchase 1 kW of the output and RECs from new solar facilities connected to the Company's electric grid per unit enrolled in the Renewable Solar Option.

(C)

(C)

In exchange for the Customer's payment of \$5.00 per unit per month, the Customer receives the environmental attributes from a local utility-scale solar project and the utility-scale solar project produces 1kW of energy which flows into the grid. Typical purchases may range to the equivalent of a 1, 2, or 3-kW solar panel array. At the end of each year, PGE will provide individual results to the Customer, reporting how much the Customer's energy usage was offset by solar power and the carbon footprint reduction benefit received. The RECs purchased by the Customer will be retired on behalf of the Customer.

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The Company will distribute \$2.50 per month as received from each Customer enrolled in the Habitat Option to a nonprofit agency chosen by the Company who will use the funds for habitat restoration.

Energy or RECs supporting the Renewable Portfolio Options will be acquired by the Company such that by March 31 of the succeeding year, the Company will have received sufficient RECs or renewable energy to meet the purchases by Customers. For Renewable Fixed Option and Renewable Usage Option, the Company is not required to own renewables or to acquire energy from renewable resources simultaneously with Customer usage.

For purposes of these options, renewable resources include wind generation, solar, biomass, low impact hydro (as certified by the Low Impact Hydro Institute) and geothermal energy sources used to produce electric power. All RECs will be Green-e certified by the Western Renewable Energy Generation Information System (WREGIS) beginning January 1, 2009.

Advice No. 16-07 Issued April 27, 2016 James F. Lobdell, Senior Vice President

SCHEDULE 99 SPECIAL CONTRACTS

PURPOSE

This schedule describes contracts between the Company and Customers at rates other than those contained in standard schedules. These descriptions do not include all terms and conditions in the contracts and are intended only as summaries. If there are any conflicts between these summaries and provisions in the contracts, the contracts will be controlling. The Company maintains for public inspection copies of special contracts at offices where the Tariff is available.

APPLICABLE

To those Customers that can meet the eligibility criteria established in Commission Order 87-402 and ORS 757.230, as well as the eligibility criteria listed below.

CONTRACTS

Port of Portland/Cascade General, Inc. (Portland)

Effective Date

February 21, 1996.

Term

Effective as long as Customer purchases Electricity Service under a mutually agreed to Tariff.

Rate

Schedule 89 - General Service, Primary Voltage.

Special Conditions

Customer to supply Electricity for resale to his/her "Customers" at his/her Repair Facility. Customer will be allowed to reflect charges over and above the Company's price for electricity in order to recover the costs of the Customer's electrical distribution system as outlined in the Portland Ship Repair Yard Price Schedule. As a result, bills received by his/her "Customers" may show a kWh charge above that which is charged by the Company.

Eligibility Criteria

- 1. Customer engaged in sales for resale prior to November 5, 1973.
- 2. Customer has significant investment in distribution facilities requiring additional cost recovery from its "Customers".

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(D)

(D)

SCHEDULE 100 SUMMARY OF APPLICABLE ADJUSTMENTS

The following summarizes the applicability of the Company's adjustment schedules.

Schs.	102	105	106	108	109	110	115	122	123 (1)	125 (1)	126	128	129 (1)	135	137	142	143	145
7	Х	х	х	х	х	x	х	х	х	х	х	<u> </u>		х	х	х	x	х
15	x	x	x	х	x	х	х	х	х	х	х			x	х	х	х	х
32	х	х	х	х	х	х	х	х	х	х	х	х		х	х	х	х	х
38	X	x	х	х	х	х	x	х	х	х	х	x		х	х	х	х	х
47	х	х	х	х	х	х	х	х	Х	х	х			х	х	х	х	х
49	x	х	х	х	х	x	x	x	X	х	х			х	х	x	х	х
75	x ⁽²⁾	x ⁽²⁾	х	х	x ⁽²⁾	x ⁽²⁾	х	x ⁽²⁾	х	x ⁽²⁾	x ⁽²⁾	х		х	х	х	х	х
76R	X		x	х			х									х		
83	Х	х	Х	х	х	X .	х	х	х	х	х	х		х	х	х	х	х
85	x	x	x	x	Х	x	x	Х	x	x	x	x		x	x	x	х	x
89	х	х	х	х	х	х	х	х	х	х	х	х		х	х	х	х	х
90	X	X	Х	х	X	x	x	X	х	x	x	X		x	x	X	х	Х
91		х	х	х	х	х	х	х	х	х	х	х		х	х	х	х	Х
92		x	x	x	X	X	x	X	х	x	x			x	X	х	Х	x
95		х	х	х	х	х	х	х	х	х	х	х		х	х	х	х	х
485	Х	X	X	x	Х	х	х		Х		x ⁽⁵⁾		X			X	x	
489	Х	х	х	х	х	х	х		х		X ⁽⁵⁾		х			х	х	
490	X	x	х	Х	x	х	x		X		x		х			x	x	
491		х	х	х	х	х	х		х		х		х			х	х	
492		х	Х	х	Х	х	x		X		X		x			X	X	
495		х	х	х	х	х	х		х		х		х			х	х	
515	X	x	Х	х	x	x	х		x		x ⁽⁵⁾	x			Х	Х	Х	x
532	Х	х	x	х	х	х	х		х		x ⁽⁵⁾	х			х	х	х	х
538	X	х	х	X	Х	X	X		x		X ⁽⁵⁾	X			x	X	x	Х
	Х	Х	х	х	х	х	х	<u> </u>	х		x ⁽⁵⁾	х			х	х	х	Х
575	x ⁽²⁾	x ⁽²⁾	x	X	x	x	X		x		x ⁽²⁾	X			X	X	X	x
576R	X		х	х			х				<u> </u>					х		ļ
2.00.4040000000000000000000000000000000	X	x	х	X	х	X	x		х		x ⁽⁵⁾	х			X	X	X	X
585	Х	х	х	х	х	х	х		x		x ⁽⁵⁾	Х			х	х	х	х
589	X	x	Х	Х	х	х	Х		Х		x ⁽⁵⁾	x			Х	Х	х	х
	X	×	Х	х	x	х	х	<u> </u>	х		X	×			X	х	x	X
591		x	Х	x	х	x	х		х		X ⁽⁵⁾	Х			X	X	Х	Х
592		х	х	x	х	х	х		х		x ⁽⁵⁾	х			х	х	х	х
595		Χ	Х	x	x	X	X		X		x ⁽⁵⁾	х			X	X	Х	х

⁽¹⁾ Where applicable.

⁽²⁾ These adjustments are applicable only to the Baseline and Scheduled Maintenance Energy.

⁽³⁾ Schedule 108 applies to the sum of all charges less taxes, Schedule 109 and 115 charges and one-time charges such as deposits.

⁽⁴⁾ Applicable to Nonresidential Customer who receive service at Daily pricing (other than Cost of Service) or Direct Access (excluding service on Schedules 485, 489, 490, 491, 492 and 495).

⁽⁵⁾ Not applicable to Customers where service was received for the entire calendar year that the Annual Power Cost Variance accrued.

SCHEDULE 125 (Concluded)

ADJUSTMENT RATES

(T) ¢ per kWh Schedule 0.000 7 0.000 15 32 0.000 38 Large Nonresidential 0.000 47 0.000 49 0.000 75 0.000 (1) Secondary $0.000^{(1)}$ Primary 0.000 (1) Subtransmission 83 0.000 85 Secondary 0.000 Primary 0.000 89 Secondary 0.000 0.000 Primary Subtransmission 0.000 90 0.000 91 0.000 92 0.000 95 0.000

SPECIAL CONDITIONS

1. Costs recovered through this schedule will be allocated to each schedule using the applicable schedule's forecasted energy on the basis of an equal percent of generation revenue applied on a cents per kWh basis to each applicable rate schedule.

⁽¹⁾ Applicable only to the Baseline and Scheduled Maintenance Energy.

SCHEDULE 300 CHARGES AS DEFINED BY THE RULES AND REGULATIONS AND MISCELLANEOUS CHARGES

PURPOSE

The purpose of this schedule is to list the charges referred to in the General Rules and Regulations.

AVAILABLE

In all territory served by the Company.

APPLICABLE

For all Customers utilizing the services of the Company as defined and described in the General Rules and Regulations.

INTEREST ACCRUED ON DEPOSITS (See Rules E and K)

0.3% per annum.

BILLING RATES (Rules E, F, H and J)

Trouble call, cause in Customer-owned equipment

Scheduled Crew Hours (1) No charge Other than Scheduled Crew Hours (1) \$170.00 Returned Payment Charge \$ 25.00 Special Meter Reading Charge (non-network) \$ 45.00 Meter Test Charge \$ 75.00 Late Payment Charge (monthly) 1.8% of delinquent balance Field Visit Charge (2) \$ 20.00 Bill History Information Service Charge \$ 32.00 (Not applicable when a billing dispute is filed with the Commission - see Rule F) Portfolio Enrollment Charge 5.00 \$100.00 Customer Interval Data (12 months) to Customers Customer Interval Data (12 months, formatted and analyzed) Mutually agreed price Switching Fee \$20.00

Unauthorized Connection of Service / Tamper Fee

\$75.00

⁽¹⁾ Scheduled Crew Hours - The Company's Scheduled Crew Hours for the above listed services are from 6:30 a.m. to 10:30 p.m., Monday through Friday, except for Company-recognized holidays. The Customer will be informed of and agree to the charges before Company personnel are dispatched.

⁽²⁾ See Rule H, Section 2 for applicable conditions.

SCHEDULE 320 (Continued)

BILLING RATES (Continued)

Standard Package

Set Up Fee*:

\$350.00 for the first meter

\$150.00 for each additional meter \$75.00 for 50 or more meters

A set-up fee is to be waived if a customer is transferred from a product that is no longer offered.

Monthly Fees per meter:

1 to 5 meters	\$70.00
6 to 10 meters	\$65.00
11 to 15 meters	\$60.00
16 to 20 meters	\$55.00
21 to 49 meters	\$50.00
50 or more meters	\$45.00

Additional Customer Support or Training:

\$125.00 per hour

Customized service, data, and hardware, including but not limited to Data loggers, Data Recorders, Energy Kiosks, Natural gas data, Interval Data via FTP to Third Party, and Raw Feeder Data may be provided at a mutually agreed, cost based price.

SPECIAL CONDITIONS

 Customers who request service both inside and outside of the service territory will have all Points of Delivery (POD) receiving service on this Schedule, added together to determine the appropriate monthly rate per meter.

- 2. Service under this schedule requires interval metering and meter communications be in place prior to the initiation of Meter Information Services.
- 3. Because of the meter and/or software installation required for this service, the Company anticipates a delay may occur from the time a Customer requests service under this Schedule until the Company can provide it.
- 4. Meter Information Services requires that the Customer have certain minimum computer system requirements and an ability to capture and transmit interval usage data. Specifications will be provided upon request. The Customer will, at its expense, provide the necessary communications equipment.

SCHEDULE 402 PROMOTIONAL CONCESSIONS RESIDENTIAL PRODUCTS AND SERVICES

PURPOSE

This schedule describes the Company's promotional concession program for enhancing the purchase of products and services.

APPLICABLE

To Residential Customers, qualified engineers, equipment vendors, installers, builders, contractors, and to commercial Customers for residential-type appliances, products, and services.

DESCRIPTION OF CONCESSION

From time to time, the Company will provide incentives to promote the purchase and installation of selected electrical appliances, products, and services. Incentives may include, but are not limited to, contests, discounts, rebates, gift certificates, free merchandise, etc.

In compliance with OAR 860-026-0025, the Company will submit a description of each concession to the Commission. In addition, the Company will furnish a copy of the description to any other energy utility providing service in any portion of the Company's service territory.

EXPIRATION / REVIEW DATE

This program will be offered as necessary to encourage installation of energy-efficient appliances and products, and support the introduction of new products and services.

ACCOUNTING TREATMENT

Project costs associated with selling and promoting Company products and services will be assigned to FERC Account 416.0 (Costs and Expenses of Merchandising). Other costs will be assigned to FERC Account 426.5 (Other Income Deductions).

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SCHEDULE 491 (Concluded)

SPECIAL CONDITIONS (Continued)

- 19. Direct Access Service is available only on acceptance of a Direct Access Service Request (DASR) by the Company. Where applicable, a Customer is required to have interval metering and meter communications in place prior to initiation of service under this schedule.
- 20. All lights corresponding to an individual municipal department must choose service under this schedule and/or Schedule 495.
- 21. Customers selecting service under this Schedule will be limited to a Company/ESS Split Bill.

TERM

Minimum Five-Year Option

The term of service will not be less than five years. Service will be year-to-year thereafter. Customers must give the Company not less than three years notice to terminate service under this schedule. Such notice will be binding.

Fixed Three-Year Option

The term of service will be three years. Upon completion of this three year term, the Customer will select service under any other applicable rate schedule, subject to all notice requirements and provisions of the schedule.

Advice No. 16-07 Issued April 27, 2016 James F. Lobdell, Senior Vice President

SCHEDULE 591 (Continued)

RATES FOR OBSOLETE LIGHTING POLES

		Monthly	y Rates
Type of Pole	Poles Length (feet)	Option A	Option B
Aluminum Post	30	\$ 6.49	*
Bronze Alloy GardCo	12	*	\$ 0.18
Concrete, Ornamental	35 or less	10.77	0.33
Steel, Painted Regular **	25	10.77	0.33
Steel, Painted Regular **	30	11.63	0.36
Steel, Unpainted 6-foot Mast Arm **	30	*	0.33
Steel, Unpainted 6-foot Davit Arm **	30	*	0.33
Steel, Unpainted 8-foot Mast Arm **	35	*	0.36
Steel, Unpainted 8-foot Davit Arm **	35	*	0.36
Wood, Laminated without Mast Arm	20	4.78	0.15
Wood, Laminated Street Light Only	20	4.78	*
Wood, Curved Laminated	30	6.74	0.23
Wood, Painted Underground	35	5.44	0.17

^{*} Not offered.

SERVICE RATES FOR ALTERNATIVE LIGHTING

The purpose of this series of luminaires is to provide lighting utilizing the latest in technological advances in lighting equipment. The Company does not maintain an inventory of this equipment, and so delays with maintenance are likely. This equipment is more subject to obsolescence since it is experimental and yet to be determined reliable or cost effective. The Company will order and replace the equipment subject to availability.

		Nominal	Monthly]	Monthly Rat	es
Type of Light	<u>Watts</u>	<u>Lumens</u>	<u>kWh</u>	<u>Option</u>	Option B	Option C
				<u>A</u>		
Special Architectural Types Induction Lamp Systems	ncluding	Philips QL				
HADCO Victorian, QL	85	6,000	32	*	\$ 2.37	\$ 1.64
	165	12,000	60	*	3.95	3.08
	165	12,000	60	\$ 21.68	4.23	3.08

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^{**} Maintenance does not include replacement of rusted steel poles.

SCHEDULE 600 (Continued)

ESS SUPPORT SERVICES

The following charges are applicable to Scheduling and Non-Scheduling ESSs:

(1)	Application Processing Fee	\$400.00 with Application
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in excess of 16 hours annually

(4) Change of Effective Date Request (Rule K) \$\\$3	(4)
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(5)	Switching Fee (Rule K)	\$ 20.00
	(Applicable for each Enrollment or Drop DASR,	
	not applicable for Rescind or Change DASRs)	

(6)	Customer Change	of Location	(Rule K)	\$7,000.00
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ESS BILLING SERVICES

(1)	ESS Consolidated Bill	\$ 0.63 per bill
	Billing Credit	

(2)	Late Pay Charge	1.8 % of delinquent balances for

products and services purchased

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under this Tariff.

CUSTOMER INFORMATION

ESS Web Portal Historical Usage Download for \$ 20.00 per PODID Interval Data Charge

BILLING AND PAYMENT

Charges incurred for Schedule 600 services are the responsibility of the ESS for which service was provided and are due and payable as described in the Company's General Rules and Regulations.

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RULE A INTRODUCTION

1. General

These General Rules and Regulations provide the terms and conditions related to services offered by the Company under this Tariff.

2. Territory Served

The Company supplies Electricity Service in incorporated and unincorporated portions of Clackamas, Columbia, Hood River, Marion, Multnomah, Polk, Washington, and Yamhill counties, Oregon. The Company may also provide certain non-utility services in other parts of Oregon.

3. Commission Rules, Regulations and Orders

Existing and future lawful rules, regulations, and orders of the Commission will be considered a part of this Tariff.

4. <u>Tariff Compliance</u>

Service and rates are subject to all applicable General Rules and Regulations contained in the Tariff of which each schedule is a part.

5. Relationship to Rate Schedules

If a rate schedule provision conflicts with a provision in these General Rules and Regulations, the rate schedule provision will apply.

RULE A (Concluded)

RULE B DEFINITIONS

The terms listed below, which are used frequently in the Tariff, have the stated meanings:

1. Ancillary Services

Services necessary or incidental to the transmission and delivery of Electricity from resources to retail Electricity Customers, including but not limited to scheduling, frequency regulation, load shaping, load following, spinning reserves, supplemental reserves, reactive power, voltage control and energy balancing services.

2. Applicant

A person or business applying to the Company for Electricity Service or reapplying for service at a new or existing location after service has been discontinued.

3. Basic Charge

A monthly amount, specified in certain rate schedules, which is charged regardless of the amount of Energy consumed. The charge represents a part of the Company's fixed costs of making service available, such as meter reading and billing costs.

4. Billing Period

A time interval, which may vary between 27 and 34 days, between successive billing dates.

5. <u>Commission</u>

The Public Utility Commission of Oregon.

6. Company

Portland General Electric Company.

7. Customer

An individual, partnership, corporation, organization, government, governmental agency, political subdivision, municipality, or other entity who has applied for, been accepted, and is currently receiving Electricity Service at a Point of Delivery. A Customer who voluntarily terminates service and subsequently requests service with the Company at a new or existing location within 20 days after terminating service retains Customer status. For purposes of Schedule 201, a Customer may not be receiving Electricity Services from the Company.

8. Customer Service Agreement

An Agreement with a Customer that specifies Utility Provided Service or Direct Access Service terms and conditions for service under this Tariff.

9. Day of Flow

The day in which Electricity deliveries are made; measured as the time period beginning immediately after midnight for the hour ending 0100 and ending at exactly the end of the 2400 hour Pacific Prevailing Time (Pacific Standard Time or Pacific Daylight Time, as applicable, "PPT").

10. Demand

The maximum rate of delivery of Electricity metered for purposes of billing, measured in whole kilowatts (kW) registered over a nominal 30-minute interval.

11. Demand Charge

A charge for registered Demand normally assessed to Customers with Demands greater than 30 kW.

12. Direct Access Service

The delivery by the Company of Electricity and applicable Ancillary Services by the Company that a Nonresidential Customer has purchased from an Electricity Service Supplier (ESS).

13. Direct Access Service Request (DASR)

Electronic notification provided by an ESS to the Company that a Customer has selected the notifying ESS as its supplier of Electricity Service. DASRs are also required for a Customer to terminate Direct Access Service and begin or resume receiving Electricity Service from the Company, rescind a previously submitted DASR, change the effective date of the enrollment DASR, or update the Customer's account information when the Customer is receiving Direct Access Service.

14. Electricity

Electric energy, measured in kilowatt-hours (kWh) or megawatt-hours (MWh); or electric capacity, measured in kilowatts (kW) or megawatts (MW), or both.

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44. Standard Service

A service option provided by the Company to a Nonresidential Customer who elects to purchase Electricity from the Company rather than from an ESS.

45. Summer Months

Summer Months are the six regular Billing Periods from May through October.

46. Tariff

This Tariff, including all schedules, rules and regulations as they may be modified or amended from time to time.

47. Theft of Service

Theft of Service occurs when an Applicant or Customer initiates or maintains Electricity Service through fraudulent means, including but not limited to providing false identification or false information to establish an account or credit, paying for Electricity Service with a stolen financial account, tampering with Company equipment including but not limited to the meter, or diverting service.

48. Renewable Energy Certificates

Renewable Energy Certificates (RECs) consist of the non-power attributes resulting from the generation of Energy by a qualified renewable resource. Such attributes may be fuel, emissions, or other environmental characteristics deemed of value by a REC

purchaser.

Non-power attributes include, but are not limited to, any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and any other pollutant that is now or may in the future be regulated under the pollution control laws of the United States; and further include any avoided emissions of carbon dioxide (CO2) and any other greenhouse gas (GHG) that contributes to the actual or potential threat of altering the Earth's climate. These non-power attributes are expressed in MWh.

Non-power attributes do not include any energy, reliability, scheduling, shaping or other power attributes.

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49. <u>Transient Occupancy</u>

Tenancy at a Premise for a duration of less than 30 days.

50. <u>Utility Provided Service</u>

The provision of Electricity Service to a Customer by the Company.

51. Winter Months

Winter Months are the six regular Billing Periods from November through April.

RULE B (Concluded)

3. <u>Delivery Voltages</u>

A. **Generally**

Electricity delivered under this Tariff is provided at alternating current, 60 hertz, single- or three-phase, at one of the following standard voltages:

B. **Secondary Voltages**

1) Generally

Single-phase, 120/240 volts, 3-wire, grounded Single-phase, 240/480 volts, 3-wire, grounded Three-phase, 208/120 volts, 4-wire, grounded wye Three-phase, 240/120 volts, 4-wire, grounded delta Three-phase, 480/277 volts, 4-wire, grounded wye Three-phase, 480/240 volts, 4-wire, grounded delta

2) In Some Locations

Single-phase, 480 volts, 2-wire (no new service) Single-phase, 120/208 volts, 3-wire Three-phase, 240 volts, 3-wire (no new service) Three-phase, 480 volts, 3-wire (no new service)

C. **Primary Voltages**

D.

1) Generally

Three-phase, 12,470/7,200 volts, 4-wire, grounded

Three-phase 34,500/19,918 volts, 4-wire grounded service

2) In Some Locations

11,400/6,660 volts, 4-wire, grounded service and 11,100/6,480 volts, (C)(N)
4-wire grounded service (N)
(New installations will not be supplied at 2,400 or

4,160/2,400 volts.) Subtransmission Voltage

At 59.8-kV, voltage range is: 57.62-kV to 63.68-kV (C)
At 115-kV, voltage range is: 112.10-kV to 123.90-kV (C)

E. Selection of Voltage Furnished

The voltage to be furnished is at the Company's option and will depend upon the characteristics of the Company's distribution system near the POD, the applicable rate schedule and the Customer's service requirements.

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F. <u>Treatment and Refund of Residential Deposits</u>

The Company will furnish a receipt upon payment of deposit and will hold the deposit until credit is satisfactorily established or re-established. For the purposes of this section of the rule, credit is considered to be established or re-established if, at the end of 12 months after a deposit is paid in full:

- 1) The account is current;
- 2) The Customer has not been issued more than two 5 day disconnection notices during the previous 12 months; and
- 3) The Customer was not disconnected for nonpayment, meter tampering, or diversion of electricity service during the previous 12 months.

In the event the Customer moves to a new address within the Company's Service Territory and the Company is holding a deposit in accordance with this rule, the deposit, plus accrued interest, will be transferred to the new account.

G. Interest Accrual

Deposits will accrue interest at a rate prescribed by order of the Commission and set forth in Schedule 300. If a deposit is held beyond 12 months, accrued interest will be paid by a credit to the Customer's account on the next bill for service following the anniversary of the accrual date. Interest will be prorated on deposits held by the Company for less than a full 12 months.

H. **Delinquent Accounts**

When residential service is voluntarily closed, the Company will refund a Customer deposit with interest accrued at the rate as listed in Schedule 300, except that such refund will first be applied to reduce or eliminate any unpaid balance(s) on any other Customer account(s).

The Company is under no obligation to draw on deposits to cure delinquency of an active Customer account.