



**Portland General Electric Company**  
121 SW Salmon Street • Portland, Oregon 97204  
PortlandGeneral.com

April 2, 2015

Public Utility Commission of Oregon  
Attn: Filing Center  
3930 Fairview Industrial Drive SE  
P.O. Box 1088  
Salem, OR 97308-1088

**RE: Advice No. 15-08, Schedules 215 and 216 Solar Payment Option Pilot**

Portland General Electric (PGE) submits this filing\* pursuant to Oregon Revised Statutes 757.205 and 757.210, for filing proposed tariff sheet associated with Tariff P.U.C. No. 18, with an effective date of **April 6, 2015**:

Seventh Revision of Sheet No. 215-1  
First Revision of Sheet No. 215-2  
First Revision of Sheet No. 215-3  
Second Revision of Sheet No. 215-5  
Fifth Revision of Sheet No. 216-2  
First Revision of Sheet No. 216-3  
Second Revision of Sheet No. 216-6

This compliance filing revises PGE Schedules 215 and 216, Solar Payment Option Pilot updating the Volumetric Incentive Rates (VIR) for the upcoming enrollment period on May 1, 2015 pursuant to Commission Order No. 15-092.

With regard to PGE Schedule 215 Small Systems, the update decreases the VIR from 25.2 cents to 22.7 cents per kilowatt hour (kWh) for Hood River and the VIR for all counties except Hood River decreases from 39.0 cents to 35.1 cents per kWh. The decrease results from applying the Automatic Rate Adjustment Mechanism.

With regard to PGE Schedule 216 Medium Systems, enrollment windows alternate between competitive bidding and pre-set rates equal to the average of winning bids from the previous enrollment window. The previous enrollment window used the average winning bid method so the upcoming May window will involve a competitive bidding process to set the VIR. Changes in Schedule 216 are made to reference the new enrollment window and are housekeeping in nature.

\* Pursuant to the Rulemaking to Streamline eFiling Changes in Docket No. AR 583 and Order No. 14-434, Effective March 3, 2015, no hard copies will be sent.

As PGE is proposing a change in its tariff Schedule 215 and 216, we offer the following information to satisfy OAR 860-022-0025 (2):

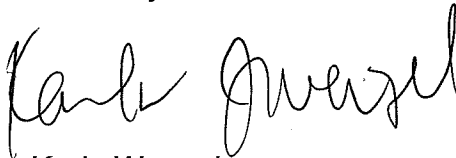
- (a) For Schedule 215, the tariff change reflects a 10% decrease in the VIR. For Schedule 216, prices will be set by competitive bidding and the final prices are unknown at this time.
- (b) Schedules 215 and 216 are optional Schedules, therefore, we do not estimate the number of customers affected by the change and the resulting change in revenue.
- (c) In submitting these Schedule changes, PGE relies on the OPUC Order 15-092 setting VIR prices and process.

As PGE is not proposing to increase rates, OAR 860-022-0030 does not apply.

Please direct any questions regarding this filing to Mihir Desu at (503) 464-2709.

Please direct all formal correspondence and requests to the following email address [pge.opuc.filings@pgn.com](mailto:pge.opuc.filings@pgn.com)

Sincerely,



Karla Wenzel  
Manager, Pricing & Tariffs

Enclosures

cc: UM 1452 and UM 1505 Service Lists

**SCHEDULE 215  
SOLAR PAYMENT OPTION PILOT  
SMALL SYSTEMS  
(10 kW or LESS)**

**PURPOSE**

This schedule establishes a photovoltaic volumetric incentive rate (VIR) pilot program as required by HB 3039 (Chapter 748, Oregon Laws 2009), HB 3690 (Chapter 78, Oregon Laws 2010 Special Session), HB 2893 (Chapter 244, Oregon Laws 2013), and OAR 860-084-0100. The pilot provides payments to retail electricity Customers for electricity generated by permanently installed solar photovoltaic energy systems.

**AVAILABLE**

To Customers with Qualifying Systems (Qs), as defined in ORS 757.360(3)(b), connected to retail Customers' facilities in territory served by the Company.

**APPLICABLE**

To Customers that have Qs not purchased with state or ETO incentives with installed nameplate generating capacity 10 kW DC or less where the output is not paid for pursuant to another tariff schedule, that meet the eligibility requirements in OAR 860-084-0120, and where the monthly generation does not exceed Total Monthly Use pursuant to a Solar Photovoltaic Pilot Program and Interconnection Services Agreement (Agreement).

**MONTHLY RATE**

Customer Charge

The Customer pays the Company a \$10.00 Customer Charge per month for each separately metered QS. This is in addition to the Basic Charge for providing Electricity Service to the Customer.

Volumetric Incentive Rate

The Company pays the applicable gross VIR to the QS Customer for eligible generation from the participating Customer with a capacity reservation awarded on or after May 1, 2015.

<u>Description</u>	<u>Hood River County</u>	<u>All Other Counties</u>		
Small : 10 kW or less*	22.7	35.1	¢ per kWh	(R)

\* DC nameplate capacity

The gross VIR applies up to the Total Monthly Use and consists of two components: (1) a retail bill offset based on applicable volumetric (kWh) charges, and (2) a net VIR payment. Kilowatt-hours generated in excess of the Total Monthly Use will be carried forward to the next month as provided in OAR 860-084-0360. Total Monthly Use is defined as net kWh from the retail meter (may be positive or negative) plus kWh from the QS meter.

### SCHEDULE 215 (Continued)

#### MONTHLY RATE (Continued) Volumetric Incentive Rate

The rate in place at the time of the Reservation Start Date, defined in OAR 860-084-0010(17), applies to the entire 15 year life of the Agreement.

#### RATE ADJUSTMENT

The Commission may adjust the rate to be effective on October 1 and April 1 of each year consistent with Commission Order Nos. 11-280 and 11-339. For the Spring 2015, consistent with Commission Order No 15-092, the Commission adjusted the rate effective date to May1. (C)  
(C)

#### EXCESS ANNUAL KILOWATT-HOUR CREDITS

In accordance with OAR 860-084-0360, at the end of the last monthly Billing Period ending on or before the last day of each generation year, any excess generation kWh credits accumulated will be transferred to the Company's low income assistance program at the average annual Schedule 201 Avoided Cost rate. The default generation year is April 1 through March 31. The Customer's excess kWh credits are set to zero for the beginning of the subsequent annual billing cycle.

#### SOLAR PHOTOVOLTAIC PILOT PROGRAM AND INTERCONNECTION SERVICES AGREEMENT

The Customer must execute a Solar Photovoltaic Pilot Program and Interconnection Services Agreement with the Company and meet all criteria under OAR Division 84 – Solar Photovoltaic Programs prior to delivery of power to the Company.

In accordance with terms set out in this schedule and the Commission's Rules as applicable, the Customer will receive monthly payment for energy from the Customer's QS based on kWh output, up to Total Monthly Use.

#### VIR PAYMENTS

VIR payments under this pilot occur no later than 45 days from the last day of the Customer's billing period. The VIR payment will be reduced by the amount of the retail bill offset for a net VIR payment. The Customer may choose among three payment options for the net VIR payment: (1) receive a direct payment, (2) have payments netted against the Customer's retail bill, or (3) assign the payment to a single assignee. A one-time assignment fee of \$25 applies for each payment assignment or reassignment.

The Customer is responsible for the minimum monthly charge and all non-volumetric charges related to the retail electricity rate schedule.

## SCHEDULE 215 (Continued)

### METERING REQUIREMENTS

The Company will install and own the required QS metering equipment at its expense.

Customers served on this schedule must have a PGE-owned meter that measures QS generation net of parasitic load. This meter must be located on the Customer side of the retail meter and on the AC (output) side of the inverter in a location that measures the entire output of the system. The additional meter does not change the Customer's point of delivery.

### SEMIANNUAL CAPACITY RESERVATION

A customer must apply during the capacity reservation enrollment window beginning at 8 a.m. on April 1 and October 1 of each pilot year. If the 1<sup>st</sup> occurs on a weekend or holiday, the Company will accept applications on the following business day. For the Spring 2015, per OPUC Order 15-092, the enrollment window begins at 8 a.m. May 1. Capacity is initially allocated by a 24-hour lottery as directed by Commission Order. After capacity fills, remaining customers will be placed on a wait list in the order of their reservation. In the event capacity becomes available during the enrollment window, Customers on the waitlist will be offered capacity in that order. The wait list expires at the end of each enrollment period. The enrollment window is open for three months.

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If capacity is not filled in the lottery, then capacity is reserved on a first-come, first-served basis.

A capacity reservation deposit of a \$500 minimum or \$20 per kW of the proposed system DC nameplate capacity is required with the capacity reservation application. The deposit is refundable unless the capacity reservation expires or the customer cancels the reservation, in each case the applicant forfeits the deposit.

A capacity reservation expires one year from the Reservation Start Date if the system has not been installed or, if an interconnection application is not filed, two months from the Reservation Start Date. See OARs 860-084-0195 through 860-084-0230 for additional capacity reservation rules.

### SPECIAL CONDITIONS

1. Division 84 of the Oregon Administrative Rules (OAR) Chapter 860 contains additional details that apply to this pilot.
2. The QS must be constructed from new components and operational no sooner than July 1, 2010.

**SCHEDULE 215 (Concluded)**

**SPECIAL CONDITIONS (Continued)**

11. The Company will not be liable directly or indirectly for permitting or continuing to allow an attachment of a QS, or for the acts or omissions of the Customer-generator that cause loss or injury, including death, to any third party.
12. Participants are required to meet general liability insurance requirements set forth in applicable Solar Photovoltaic Pilot Program and Interconnection Services Agreements in order to protect against injuries to property or persons caused by the QS. The applicable Agreements contain insurance limits and provisions, as well as the basis for making representations of equivalence.

**(D)**

**TERM**

Each Solar Photovoltaic Pilot Program and Interconnection Services Agreement will have a term of 15 years at the applicable VIR. In accordance with OPUC Order No. 14-025 The pilot will close to new capacity reservations March 31, 2016 or when the cumulative capacity of contracted systems in the pilot reaches approximately 27.5 MW AC statewide per OAR 860-084-0150, whichever comes first.

**SCHEDULE 216 (Continued)**

PARTICIPATION (Continued)

**(B) Net Metering Option – Capacity Reservation Enrollment**

The Company will accept new capacity reservation applications for program participation on April 1 for each pilot year pursuant to Commission Order 11-339 except in 2015 when the enrollment period starts on May 1. Customers may apply online beginning at 8 a.m. If the 1<sup>st</sup> occurs on a weekend or holiday, the Company will accept applications on the following business day.

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Capacity is initially allocated by a 24-hour lottery or as directed by the Commission. After capacity fills remaining Customers will be placed on a wait list. The wait list expires at the end of each enrollment period. The enrollment window is open for three months.

If capacity is not filled in the lottery, then capacity is reserved on a first-come, first-served basis.

**VOLUMETRIC INCENTIVE RATE**

**(A) Competitive Bid Option**

The Company pays applicable rates to the QS Customer for eligible generation based on a successful bid from the competitive bidding process.

**(B) Net Metering Option**

If the customer is awarded capacity during open enrollment, the Company pays the applicable gross VIR for eligible generation from the participating Customer with a capacity reservation for the enrollment awarded during the April 1, 2014 enrollment period.

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<u>Description</u>	<u>Hood River County</u>	<u>All Other Counties</u>	
Medium is >10 kW - 100 kW DC Nameplate Capacity	16.0	17.5	¢ per kWh

Under the net metering option, the gross VIR applies up to the Total Monthly Use and consists of two components: (1) a retail bill offset based on applicable volumetric (kWh) charges, and (2) a net VIR payment. Kilowatt-hours generated in excess of the Total Monthly Use will be carried forward to the next month as provided in OAR 860-084-0360. Total Monthly Use is defined as net kWh from the retail meter (may be positive or negative) plus kWh from the QS meter.

The rate in place at the time of the Reservation Start Date, defined in OAR 860-084-0010(17), applies to the entire 15-year life of the Agreement.

**SCHEDULE 216 (Continued)**

VOLUMETRIC INCENTIVE RATE (Continued)  
Net Metering Option (Continued)

VIR Adjustment

The Commission may adjust the VIR to be effective on April 1 of each year Consistent with Commission Order Nos. 11-280 and 11-339. For the Spring 2015, per OPUC Order 15-092, the enrollment window begins at 8 a.m. May 1.

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VIR Payments

VIR payments under this pilot occur no later than 45 days from the last day of the Customer's billing period. The VIR payment will be reduced by the amount of the retail bill offset for a net VIR payment. The Customer may choose among three payment options for the net VIR payment:

- (1) receive a direct payment,
- (2) have payments netted against the Customer's retail bill, or
- (3) assign the payment to a single assignee.

Excess Annual Kilowatt-hour Credits

In accordance with OAR 860-084-0360, at the end of the last monthly Billing Period ending on or before the last day of each generation year, any excess generation kWh credits accumulated will be transferred to the Company's low income assistance program at the average annual Schedule 201 Avoided Cost rate. The default generation year is April 1 through March 31. The Customer's excess kWh credits are set to zero for the beginning of the subsequent annual billing cycle.

**CUSTOMER COSTS**

Capacity Reservation Deposit

The Customer pays a deposit of \$500 minimum or \$20 per kW of the proposed system capacity at the time of enrollment or bid submission. The deposit is refundable unless the capacity reservation expires or the Customer cancels the reservation, in each case the applicant forfeits the deposit.

Customer Charge

The Customer pays the Company a \$10.00 Customer Charge per month for each separately metered QS. This is in addition to the Basic Charge for providing Electricity Service to the Customer. The VIR payment will be reduced by the Customer Charge under this schedule.



**SCHEDULE 216 (Concluded)**

SPECIAL CONDITIONS (Continued)

10. The Company maintains the right to disconnect, without liability, the Customer-generator for issues relating to safety or reliability.
11. The Company will not be liable directly or indirectly for permitting or continuing to allow an attachment of a QS, or for the acts or omissions of the Customer-generator that cause loss or injury, including death, to any third party.
12. Participants are required to meet general liability insurance requirements set forth in applicable Solar Photovoltaic Pilot Program and Interconnection Services Agreements in order to protect against injuries to property or persons caused by the QS. The applicable Agreements contain insurance limits and provisions, as well as the basis for making representations of equivalence.

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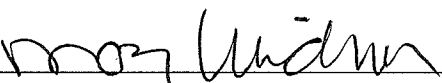
**TERM**

Each Solar Photovoltaic Pilot Program and Interconnection Services Agreement will have a term of 15 years at the applicable VIR. In accordance with OPUC Order No. 14-025 The pilot will close to new capacity reservations March 31, 2016 or when the cumulative capacity of contracted systems in the pilot reaches approximately 27.5 MW AC statewide per OAR 860-084-0150, whichever comes first.

## CERTIFICATE OF SERVICE

I hereby certify that I have this day caused **PORTLAND GENERAL ELECTRIC COMPANY'S ADVICE NO. 15-08, SCHEDULES 215 AND 216 SOLAR PAYMENT OPTION PILOT** to be served by electronic mail to those parties whose email addresses appear on the attached service list from OPUC Docket Nos. UM 1452 and UM 1505.

Dated at Portland, Oregon, this 2<sup>nd</sup> day of April, 2015.

  
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**SERVICE LIST**  
**OPUC DOCKET NOS. UM 1452 and UM 1505**

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