



Portland General Electric
121 SW Salmon Street · Portland, Ore. 97204

February 10, 2021

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

**RE: Advice No. 21-02, Schedule 16, Electric Vehicle Pole Charging
Demonstration Project Extension**

Portland General Electric Company (PGE) submits this filing pursuant to Oregon Revised Statutes 757.205 and 757.210, and Oregon Administrative Rule (OAR) 860-022-0025, for filing proposed tariff sheets associated with Tariff P.U.C. No. 18, with a requested effective date of **March 15, 2021**:

Second Revision of Sheet No. 16-2

The Electric Vehicle Pole Charging Demonstration Project (Schedule 16) was first approved by Oregon Public Utility Commission on February 25, 2020 with an expiration date of October 15, 2020 and was extended to March 15, 2021. PGE requests a second extension to October 1, 2021 due to evolving conversations with communities on how they would like to partner on pole-mounted EV charging in the public right-of-way. PGE would like additional time to obtain learnings under the existing program design since customer behavior changes under the recent pandemic.

Schedule 16 is a demonstration project to evaluate the viability and effectiveness of installing a Level 2 (L2) electric vehicle (EV) chargers on PGE-owned distribution poles. Use of existing utility poles to deploy publicly available L2 chargers increases accessibility to EV charging, which is especially important for renters and multi-family dwellers who do not have access to at-home charging. The first phase of the demonstration project saw two (2) chargers installed on two different distribution poles and received high customer satisfaction and charger utilization.

With the additional extension, PGE proposes to understand and clarify additional safety and operational considerations. PGE also proposes to develop details on a fee structure for use of the utility-pole mounted chargers. PGE plans to work closely with municipalities to build broader partnerships with communities on how they want to use their public right-of-way for this application. For example, at the municipalities request, PGE hopes to develop an idle fee option to discourage customers from keeping their vehicles connected after their vehicles are fully charged, decreasing the need for parking enforcement and encouraging vehicle turnover.

PGE will work on any operational considerations that municipalities have, prior to proposing an expansion of the demonstration project. PGE plans to iron out all these details prior to extension deadline of October 1, 2021.

Additional information can be found in PGE's original white paper, which was filed as Attachment A along with the last extension. Updated usage numbers since the last extension are at below.

Electric Vehicle Pole Charging Demonstration Project Usage Update (311 days in service)

Key Performance Indicator	SE 29th Ave.	SE 35th Pl.
kWh used	7,506.75	11,988.41
Number of Unique Users	163	169
Number of Sessions	504	675
Number of Sessions per day	1.49	1.99
Average Duration of Stay	4 hours, 15 minutes and 36 seconds	4 hours, 29 minutes and 56 seconds
Average Charging time	2 hours, 51 minutes and 12 seconds	3 hours, 00 minutes and 20 seconds

To satisfy the requirements of OAR 860-022-0025, PGE responds as follows:

The change does not increase, decrease, otherwise change existing rates, or have anything other than a de minimis impact on revenues.

Please direct questions to Teresa Tang at teresa.tang@pgn.com Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com

Sincerely,

\s\ Robert Macfarlane

Robert Macfarlane
Manager, Pricing and Tariffs

Enclosure

SCHEDULE 16 (Concluded)

SPECIAL CONDITIONS

1. PGE will monetize and provide a credit to customers the value of the Clean Fuels Credits generated by the EV Chargers.
2. PGE may restrict charging to a limited duration to ensure customers are not overusing the EV Charger.
3. PGE may reduce charging speeds during Peak Time Rebate Events called under Schedule 7.
4. EV User-owned EV chargers are not eligible for service under this schedule.

TERM

This demonstration project is active until October 1, 2021.

(C)