



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

February 22, 2017

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

RE: Supplemental Information to Advice No. 17-02, NEW Schedule 3 Residential Demand Response Water Heater Pilot Rider

Portland General Electric Company (PGE) submits this information at the request of Staff that was made during a meeting on February 13, 2017. PGE will share the evaluation plan of this pilot, once it is completed.

Residential Demand Response Water Heater Pilot Research Objectives:

- To integrate and test resistance and heat pump water heaters equipped with a communication interface that supports Direct Load Control Events;
- To test different demand response dispatch strategies;
- To quantify the energy consumption that can be shifted to different times of day;
- To determine kW load that can be reduced at times of system peak demand;
- To evaluate customer acceptance of frequent control events with "smart" water heaters;
- To create a business case that justifies a regional market transformation plan for demand response ready (smart) water heaters.

All sheets remain as previously filed.

Should you have any questions or comments regarding this filing, please contact Peter Davis at (503) 464-8068.

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

Sincerely,

A handwritten signature in black ink that reads "Karla Wenzel". The signature is written in a cursive, flowing style.

Karla Wenzel
Manager, Pricing and Tariffs