



Request for Stakeholder Comments on PGE's Smart Grid Testbed Phase II Proposal

November 2, 2021

PUC Staff invites interested parties to submit written comments on [Portland General Electric's \(PGE\) Smart Grid Testbed Phase II Proposal](#) (Phase II Proposal), which was filed in Docket No. UM 1976 on October 1, 2021. To stay involved in this proceeding, please email puc.hearings@puc.oregon.gov asking to be added to the UM 1976 service list, and you'll be notified when comments are filed and when Staff's recommendation memo is posted.

Please email your comments to puc.hearings@puc.oregon.gov by November 17, 2021.

Background

The Smart Grid Testbed was established in 2019 to accelerate PGE's acquisition of demand response resources. It was designed with two phases. Phase I of the Testbed focused on customer value propositions that drive customer participation in demand response programs. Phase I is ending in 2021.

Phase II of the Testbed will focus on developing, deploying, and operationalizing Distributed Energy Resources (DERs) to meet both customer and grid needs. PGE developed the Phase II Proposal in consultation with the Demand Response Review Committee, an advisory group of regional demand response experts. The Phase II Proposal describes the Testbed's history, results from Phase I, research areas and implementation plans for Phase II, and three specific Phase II demonstration project proposals.

Staff invites comments on any aspect of the Phase II Proposal, and is particularly interested in stakeholder feedback on the three demonstration projects described in Appendices A-C of the Proposal. These projects are designed to demonstrate:

1. A "Flexible Feeder" created by driving high levels of dispatchable load in a geographically concentrated area in a historically underserved community.
2. Managed electric vehicle charging using on-board telematics that allow charging to be optimized based on grid needs.
3. Smart inverters used to stabilize grid voltage, provide real-time data on distributed solar generation, and allow curtailment of generation on limited-capacity feeders.

Next steps

The Commission is expected to consider PGE's Phase II Proposal at the PUC's November 30, 2021, public meeting. PGE's forthcoming Flexible Load Multi-year Plan will include a proposal for a method for accounting and recovering of the costs associated with Phase II activities and all other flexible load/demand response programs. PGE expects to file the Multi-year Plan early November in Docket No. UM 2141. Staff will request stakeholder comments on the Multi-year Plan at that time.

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