

Smart Grid Test Bed Technology Validation and Testing

Demonstration Details

Demonstration: V2X

Updated: 07/27/2026

As indicated under Schedule 13, the Company will maintain the following information about incentive amounts, participation requirements and procedures for the Smart Grid Test Bed on a dedicated page of the Portland General website:

Demonstration	
V2X	Testing and validating grid impacts of bidirectional charging and interconnection process
Incentives	
Incentive Amount	75% of install cost up to \$9,000 (up to \$10,000 for PSPS zone customers) for a completed system installation. \$30 per month while enrolled.
Participation Requirements	
Customer Eligibility	Schedule 7 customers with qualified equipment
Eligible Area	In all territory serviced by the Company
Ongoing Requirements	To remain enrolled in the project and to continue to receive monthly incentives, the customer must primarily charge their vehicle at the residence where the bidirectional charging equipment is installed and must continue to allow PGE to communicate with their vehicle and/or charging equipment
Procedures	
Application and Enrollment	Application and enrollment procedures for this demonstration, as available, can be found on the Company's website (www.portlandgeneral.com/SGTB). Enrollment caps and locations may be limited based on demonstration needs or Company discretion. PGE may post details on the required bidirectional charging equipment on a dedicated program webpage.
Dispatch Parameters and Special Conditions	1. At any time, PGE can interact with customer-owned equipment with the intention to remotely adjust the device settings in accordance with project goals. 2. The Company has the right to remove a Residential Customer from the pilot at any time, for any reason. 3. PGE shall have the right to select the schedule and the percentage of the Customer's appliance(s) to cycle at any one time, up to 100%, at its sole discretion. 4. Incentives may be provided at PGE's discretion via an on-bill credit on the Customer's next monthly billing



	statement, direct deposit, check issued to participants, or through payment to a qualified installer by PGE or PGE's authorized consultants. 5. PGE is not responsible for any direct, consequential, incidental, punitive, exemplary, or indirect damages to the participating Customer or third parties that result from performing direct load control on a participating appliance. 6. If the Residential Customer moves from the enrolled residence during the term of the demonstration, they are no longer eligible for the demonstration.
Opt-outs	The Customer may unenroll from the Smart Grid Test Bed demonstrations at any time. If a Customer unenrolls, the Customer is not eligible to re-enroll during the demonstration period. The Residential Customer may terminate participation under this pilot voluntarily. The Residential Customer will not receive a participation incentive if they withdraw or are removed from the pilot. The Residential Customer must notify the Company to withdraw from the pilot.
Duration	
End Date	December 31, 2028