

Smart Grid Test Bed Technology Validation and Testing

Demonstration Details

Demonstration: Managed EV Charging

Updated: 10/1/2025

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	
Managed EV Charging	PGE will communicate with qualifying customer-owned electric vehicles (EV) to control the time of EV charging, while ensuring that the vehicles meet the operational needs of participants, and will evaluate customer acceptance of charge rate, charge time and Location-based Price Signals. Research in this project area will focus on improving understanding of the technical paths for charge management, costs, performance, and limitations.
Incentives	
Incentive Amount	Eligible participants will receive a \$250 incentive paid at time of enrollment and will receive an additional ongoing incentive of \$10 per month while enrolled. The monthly incentive will begin at the month of enrollment after the tariff effective date and will continue through the end of the demonstration period (December 2024) unless the customer chooses to unenroll.
Participation Requirements	
Customer Eligibility	Schedule 7 customers with a qualifying EV as defined on the SGTB webpage and a Level 2 EVSE may elect to enroll in the project up-to a maximum of 500 participants
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 maintain the connection of their smart inverter to their WiFi network and must continue to allow PGE to communicate with their system via the manufacturer's interface.
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).
Dispatch Parameters and Special Conditions	1. The Customer may unenroll from the Smart Grid Test Bed demonstrations at any time. If a Customer



	<p>unenrolls, the Customer is not eligible to re-enroll during the pilot period.</p> <ol style="list-style-type: none"> At any time, PGE can interact with customer-owned equipment with intention to remotely adjust the device settings in accordance with project goals. 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, PGE's authorized consultants 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. 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. PGE will defer and seek recovery of all pilot costs not otherwise included in customer prices. The Company has the right to remove a Residential Customer from the pilot at any time, for any reason. If the Residential Customer moves from the enrolled residence during the term of the demonstration, they are no longer eligible for the pilot.
Opt-outs	<p>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 Customer will not receive a participation incentive if they withdraw or are removed from the pilot. The Customer must notify the Company to withdraw from the pilot.</p>
Duration	
End Date	December 31, 2024