



PG&E Flex Connect Pilot

PG&E is looking for customers to participate in a flexible service connection pilot that will allow customers with controllable loads to connect to the grid without waiting for a capacity upgrade.

Background

PG&E is working to meet our customers' growing energy demand. In areas where demand is outpacing supply, we're working with customers to deliver individualized solutions that best meet their near-term needs.

What: The flexible connection pilot coordinates a site's power demand based on when supply is readily available. This solution allows a site to connect in the near term, while PG&E completes the necessary long-term infrastructure upgrades in the area.

How: PG&E's grid management system will use the internet to connect to your local site energy management system and send an hourly power limit forecast a day in advance.

Why: Connect sooner without waiting for a physical infrastructure upgrade.

Customer site eligibility

PG&E is looking for customer sites* meeting the following criteria:

1. Site must be in the PG&E service area
2. Customer upgrades are needed or an existing limit is impacting the site operation
3. Customer has the ability to modify power consumption and an energy management system that can communicate with PG&E's grid management system
4. PG&E has indicated power capacity upgrades will take longer than 12 months

Example case:

A customer requests 2 MW of power for their EV DC Fast Chargers. While the grid is able to serve the full 2 MW most of the year, this customer was limited to 0.5 MW year round due to a small number of hours occurring during peak hours due to grid capacity. Most days and most times of the day the grid is able to serve the full 2 MW.

Normal path: Customer is limited to 0.5 MW consumption until the grid upgrades are completed over several years.

Flex Connect Pilot option: Customer connects their EV charger and energy management system to PG&E's grid management system which provides scheduled or real-time capacity limits based on grid availability. The EV chargers then automatically adjust the local energy consumption.

Result: Customer is able to receive the full 2 MW of service right away, most of the time.

Additional resources:

Program Fact Sheet for EV DC Fast Charging: pge.com/fcprogfacts

Technical Requirements: pge.com/fctechreq

Approved Solution Provider List: pge.com/fcappprov

Preliminary Load Analysis Report Overview: pge.com/floadanlys

*Subject to site-by-site analysis to determine eligibility.