

OpenADR LIVE Virtual Summit CalFlexHub Utility Perspective

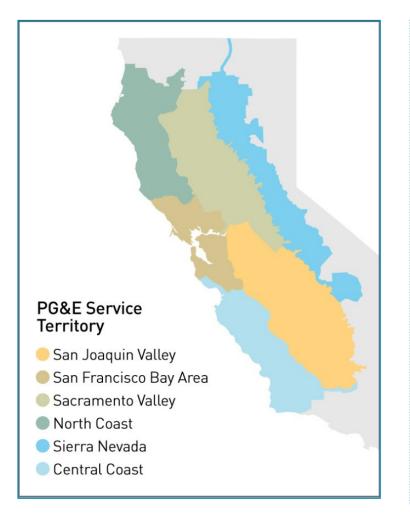
Pacific Gas and Electric Company







PG&E: One of the Largest Utilities in the United States



- Serves nearly 1 in 20 people in the United States
- Nearly 16 million people in our service area
 - 5.3 million electric distribution accounts
 - 4.4 million natural gas distribution accounts
- 70,000 square mile service territory
 - 159,100+ circuit miles of electric lines
- 49,200+ miles of natural gas pipelines





CalFlexHub and PG&E Goals

CalFlexHub Goals	PG&E Goals
Demonstrate cost-effective and scalable technologies that provide flexible loads to reduce overgeneration and shift demand to lowest GHG (cleanest) times of day, improve grid reliability, provide ramping services.	 Leverage technologies to help TOU customers RTP pilot rollout Digital Rate DRET study
Develop a robust methodology and key performance metrics (KPMs) to value and prioritize load flexible technologies and strategies and identify high-priority pathways.	 Auto DR Program – residential ADR technology selection process
Enable widespread adoption and reliable reception of digital tariffs and greenhouse gas (GHG) signals that allow buildings, storage systems, and EVs to automatically respond to these signals with predictable and persistent changes in load.	 Collaborate with LBNL to evaluate: Define "widespread" FM Public Service Broadcast
Mitigate financial and health impacts of electrification and dynamic rates on disadvantaged (DA) and low-income (LI) communities.	 PG&E DR DAC Pilot and low-income program
Ensure stakeholders and innovators have clear information on best practices for tech transfer.	Collaborate with major manufacturers and vendors



Questions