



Did you know?

SDG&E has invested more than \$3 billion in a variety of initiatives and technologies over the past decade to help prevent catastrophic wildfires.

These initiatives include:

- *Significant investments to replace wood poles with fire-resistant steel poles.*
- *Building a sophisticated weather monitoring network including enhanced fire and weather forecasting models and updating operating protocols.*
- *Building partnerships to enhance the region's overall ability to respond to wildfires, regardless of cause.*

Cameron Corners Microgrid

As part of its ongoing efforts to reduce wildfire risk and the impact of Public Safety Power Shutoffs (PSPS) during adverse weather conditions, San Diego Gas & Electric® (SDG&E®) is installing a microgrid in Cameron Corners (Campo, CA).

The microgrid will consist of photo-voltaic panels (PV) and battery storage to serve several key community facilities. Once completed, the microgrid will enable important facilities, including a middle school, a library, a health clinic, a telecommunications hub and a fire station, to remain powered during PSPS.

Microgrids are one of many initiatives being taken as part of SDG&E's Wildfire Mitigation Program (WMP) to advance wildfire safety and PSPS mitigation measures. Installing solar and/or batteries to serve key community facilities during PSPS events will improve the resiliency of the area. This plan outlines a suite of programs and initiatives that the company will undertake to continue to reduce the wildfire risk and impacts of PSPS events.

About the project

This microgrid project is part of our ongoing effort to reduce wildfire risk and the impacts of PSPS events. SDG&E has developed a community resilience strategy to install grid-level solar and battery storage in the Cameron Corners community to provide backup power if adverse weather events result in a power shutoff. The microgrid will support community facilities such as the Camp Lockett Middle School, the Campo-Morena Village Branch Library, Mountain Health Family Medicine, the AT&T telecommunications facility, CAL FIRE Station #40, two gas stations and a convenience store.

Project benefits

- The microgrid is one element of a multi-pronged approach to reducing wildfire risk and the impacts of PSPS.
- During a PSPS event, the microgrid will reduce the need for fossil-fueled powered generators.
- When not supporting a PSPS event, the microgrid will provide stored renewable energy into the grid as the sun goes down.

Key project components

Battery storage:

- 500 kW / 4 MWh capacity
- Two forty-foot containers side by side, with one twenty-foot battery module container stacked on top.
- Battery type: Flow (non-flammable)

Cameron Corners solar:

- 875MWac
- 5 acres of solar panels

Other assets:

- Utility infrastructure to allow connection of temporary generator in the event the Microgrid is not available to support PSPS events
- Microwave and LTE communications equipment
- **Microgrid site:** Estimated 10 acres
- **Microgrid Total Property Size:** 25.5 acres

Project schedule

- Microgrid site construction -
 - Estimated Start Date: February 2024
 - Estimated Completion Date: Q4 2024
- Construction dates are subject to change according to compliance requirements, inclement weather or other unforeseen circumstances.

Construction details

There will be multiple construction locations and activities taking place simultaneously, with work hours, traffic control measures, and noise restrictions for each area dictated by the appropriate local jurisdiction.

SDG&E will continue to work with local communities to ensure construction activities are as least disruptive as possible. SDG&E anticipates that traffic delays may occur due to occasional lane reductions, temporary restrictions or lane closures required during construction.

For more information

Visit our project website at sdge.com/BESS-Microgrids.

To learn more about SDG&E's microgrid projects, visit sdge.com/microgrid. If you have any questions or concerns, please contact us toll-free at **1-844-210-5821**.

