



ADAPTURE
RENEWABLES

Resilience Amidst Wildfires with Community Choice Aggregation

Cloverdale Solar Center | 1.39 MW DC | Cloverdale, California

Sonoma Clean Power Authority, a Community Choice Aggregator (CCA) partnered with Adapture Renewables to purchase the energy generated by the Cloverdale Solar Center, enabling Sonoma County residents to access low-cost, locally-generated renewable energy. CCAs offer long-term, low-cost pricing guarantees and are emerging as a popular alternative to traditional utilities. The project was successful despite restrictive municipal zoning and system design requirements, and delays in permitting because of a nearby wildfire.

The Highlights



2,250 MWh
produced per year



Community Choice
Aggregation



Clean energy provided
to 300 households



Improves grid resilience
in wildfire territory

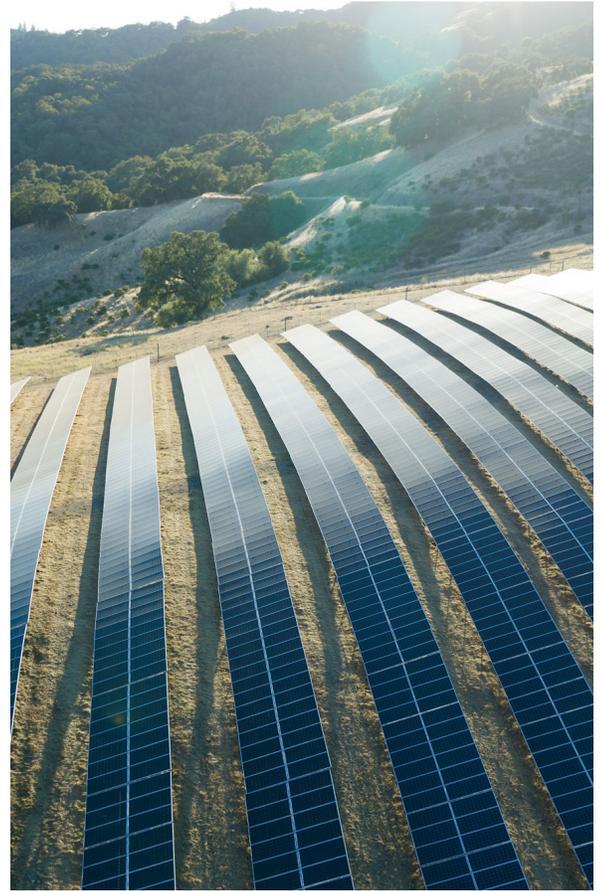
Destructive Wildfires and Rigid Requirements

Sonoma County, home to some of the strictest zoning laws in the country, required that the project be built within 3.5 acres - a design challenge for a 1 megawatt solar project. Additionally, the Tubbs Fire, one of the most devastating wildfires in California history, created several permitting delays and increased permitting scrutiny as utilities and local authorities prioritized fire safety and mitigation.

Solar Energy for a Safer Community

The residents of Sonoma County demonstrated broad support for the project as a way to increase energy independence in the community, a need that was underscored by the Tubbs Fire and the subsequent wildfires in Northern California. Adapture Renewables' collaborative relationship with Sonoma Clean Power Authority and the community's strong support was essential to navigating the local zoning and permitting requirements and making the project a success.

After multiple design iterations, Adapture Renewables' in-house EPC team found creative ways--through engineering and advanced technology--to successfully maximize the system's production capacity despite the site's physical and topographical limitations. The Cloverdale Solar Center now delivers clean energy to 300 households in Mendocino and Sonoma Counties and is part of a growing trend in Northern California to produce and consume renewable energy locally.



“We are very proud to be able to offer our customers a simple, yet significant way to reduce their carbon emissions and make a difference locally. As more customers seek access to low-cost, locally-generated clean energy, we look forward to developing more renewable energy facilities like Cloverdale Solar Center.”

— Rebecca Simonson, SCP's Power Services Manager

Let's talk about solar.

Are you considering investing in solar assets or have a project in development? Our team is here to make it a success.

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