



# Angola redwood coast airport microgrid

What is the Redwood Coast Airport microgrid?

Congratulations and thank you to everyone who made this milestone a reality! The Redwood Coast Airport Microgrid is a locally-owned, renewable energy facility at our regional airport. It serves as a modern cornerstone for a healthier, more resilient, and energy-independent community.

What is the Redwood Coast Energy Authority microgrid?

The microgrid provides energy resilience for the regional airport and U.S. Coast Guard Air Station and electricity to the Redwood Coast Energy Authority's customers. Read the June 7 press release announcing the celebration and the microgrid.

Will PG&E's airport project be a multi-customer microgrid?

The Airport project will be the first multi-customer microgrid in PG&E's service territory. As regulators, PG&E and other utilities plan for a flexible grid to meet California's changing energy needs, the ability to smoothly integrate renewable energy and microgrid technology will become increasingly important.

The Redwood Coast Airport Microgrid (RCAM) was designed to provide energy resilience for the regional airport and U.S. Coast Guard Air Station during power outages, and electricity to the RCEA's customers while the electric grid is ...

Redwood Coast Airport Renewable Energy Microgrid | September 2020

- o Wholesale market revenue can be key benefit for FTM microgrids.
- o We are working with CAISO on a number of key innovations.
- o We will eventually be one of the first "Hybrid Resource" market participants.

The Redwood Coast Airport Microgrid provides resilient power to the airport and all of the neighboring customers sharing the same distribution circuit (18 in total). It is the first "front of meter" microgrid in PG&E territory and a template for the development of future FTM microgrids.

Currently, he is co-managing the Redwood Coast Airport Microgrid Project; this will be the first front-of-meter, multi-customer microgrid on Pacific Gas & Electric's distribution system.

Located at Humboldt County's regional airport, it will be owned by the Redwood Coast Energy Authority and will run on power lines owned by Pacific Gas and Electric Company (PG&E). This interagency collaboration is the first of its kind in California.

The Redwood Coast Airport Microgrid (RCAM) provides locally-generated, clean electricity -- and will be a lifeline for California north coast residents in the event of a natural disaster or other emergency.

The Redwood Coast Airport Microgrid (RCAM) was designed to provide energy resilience for the regional



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airport and U.S. Coast Guard Air Station during power outages, and electricity to the RCEA's customers while the electric grid is operating normally.

The Redwood Coast Airport Renewable Energy Microgrid Project will demonstrate a replicable business case for deploying microgrids in California that address the needs of these emerging trends. Project Innovation + Advantages This project will demonstrate the first multi-customer, front-of-the-meter microgrid with generation owned

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Under islanded conditions the microgrid provides low carbon resilience to critical facilities, including a commercial airport and a U.S. Coast Guard Air Station. Controllable EV chargers also will be installed at the airport terminal parking lot.

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