



# Air force battery solar power

Where are the Air Force solar panels located?

The Edwards AFB Solar & Battery Storage Project is the largest ground mounted solar array project constructed on any Air Force installation. It is part of a larger \$2 billion development. The Air Force solar panels are located at Edwards AFB in California. Other installations are located at Luke AFB in Arizona, Eglin AFB in Florida, and Joint Base McGuire-Dix-Lakehurst in New Jersey.

Will Edwards Air Force base have a solar power plant?

Yes, Edwards Air Force Base does have a solar power plant, which is the first phase of the larger Edwards Sanborn project.

How much will the Air Force pay for a solar array?

In addition, the solar array aims to lower electricity costs for the civilian workforce, Edwards residents and surrounding communities while providing power grid stability to the local community. The Air Force estimates the project could yield cash rent consideration up to \$75.8 million throughout the expected 35-year lease.

What is a 464 MW solar array?

The 464 MW solar array is the largest ground mounted solar array project constructed on any Air Force installation. It went live on February 2 and includes 3,287 MWh of battery storage. It is part of a larger \$2 billion development called the Edwards Sanborn Solar Storage Project.

Is the Edwards Air Force base solar project a triple win?

The novel land management agreement marks the largest private - public partnership within the Department of Defense. "The Edwards Air Force Base Solar Project is a triple win-- it's good for resilience, it's good for energy security, and it's good for the economy," said Andrew Mayoock, White House federal chief sustainability officer.

How many homes can a solar array power?

This grid is estimated to power over 238,000 homes, displacing more than 320,000 tons of carbon dioxide emissions annually. The solar array itself is the largest project of its kind in U.S. Air Force history.

In the aftermath, the Air Force announced a nearly \$5 billion rebuild project to make the base an "installation of the future," complete with its own microgrid that includes a 150-kilowatt (kW) solar array and 450 kW, 2.5-hour battery.

This project highlights the power of public-private partnerships to build energy and infrastructure assets to support renewable energy development, decarbonization, energy resilience, and enhancement of our domestic energy production.



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