



Desert solar energy storage project





Overview

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The Edwards Sanborn Solar and Energy Storage project incorporates the highest capacity solar farm in the United States with the largest battery storage system in the world. The facility came online in February 2023 and became fully operational in January 2024. The OLI-2 (Operational Land Imager-2).

This significant development combines a robust 375 MWdc solar photovoltaic capacity with a 150 MWac battery energy storage system, enabling the project to deliver four hours of continuous output. With commercial operations commencing in December 2024, this facility is already contributing to the.

The 375MW solar + 150MW battery project supplies power to the Clean Power Alliance under a 20-year PPA. Desert Quartzite will generate enough power for 163,000 California homes at full capacity. Credit: EDF Renewables North America / Business Wire. The Desert Quartzite Solar+Storage Project, a.

Find out how EDF Renewables' Desert Quartzite Solar+Storage Project is accelerating California's energy transition with 375 MW of solar and grid-scale storage. Why has EDF Renewables revived project finance for Desert Quartzite after a decade?

EDF Renewables North America, in partnership with Power.



SAN DIEGO (Jan. 31, 2025): EDF Renewables North America (EDFR) and Power Sustainable Energy Infrastructure Inc. (PSEI) today announced that their jointly owned Desert Quartzite Solar+Storage Project achieved operational status in December 2024. The electricity generated from the 375 megawatt.



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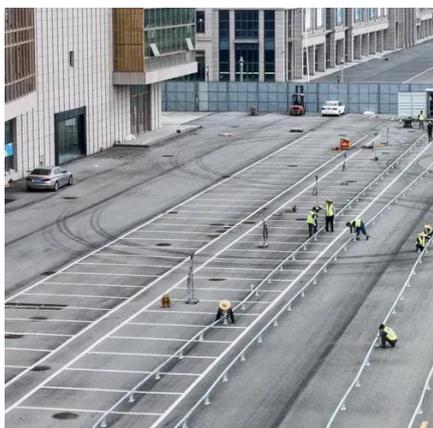
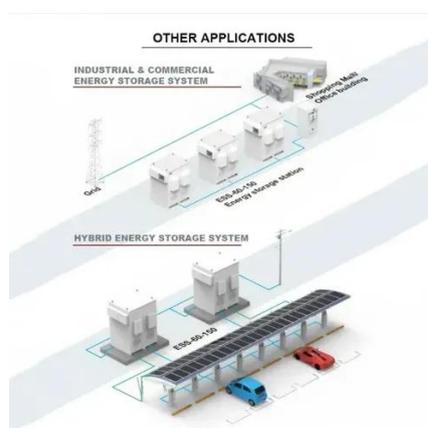


[EDF Renewables secures funding for Desert Quartzite solar project](#)

EDF Renewables North America, in collaboration with Power Sustainable Energy Infrastructure Inc. (PSEI), has successfully secured long-term financing for the Desert ...

[esVolta Secures \\$243M to Fund Construction of Three Texas ...](#)

The Anole, Desert Willow and Burksol projects are already under construction and are expected to reach commercial operations in the first half of this year. Altogether, the three battery ...

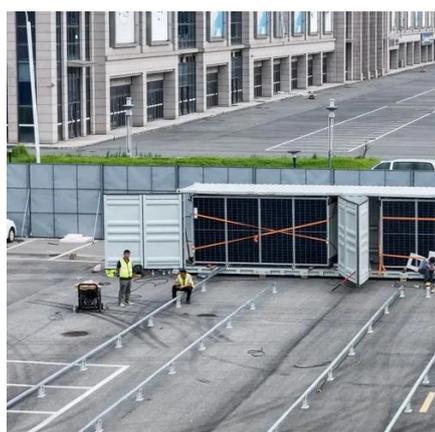


[Solar and Batteries Go Big in the Desert](#)

And as it happens, the Mojave is the location of a large new solar power plant integrated with battery storage. The Edwards Sanborn Solar and Energy Storage project ...

[EDFR and PSEI commence operations of California solar project](#)

EDF Renewables North America (EDFR) and Power Sustainable Energy Infrastructure (PSEI) have announced that their jointly owned Desert Quartzite solar+storage ...



[Desert Quartzite Solar+Storage project in California commences ...](#)

Desert Quartzite will generate enough power for 163,000 California homes at full capacity. Credit: EDF Renewables North America / Business Wire. The Desert Quartzite ...

[Innovation in the Heart of the Desert: The Mohave Solar + Storage](#)

With 24MW of solar capacity and an additional 15MW of energy storage powering over 4,000 homes in one year, the Mohave Solar Energy project doesn't stop at harnessing the sun's ...



[Desert Sunlight Solar Farm](#)

The Desert Sunlight Solar Farm is a 550-megawatt (MW AC) fixed-tilt photovoltaic power station approximately 6 miles (9.7 km) north of Desert ...



[The US's largest solar + battery storage project ...](#)



The US's largest solar + battery storage project, Edwards & Sanborn, has come online in Kern County, California. Edwards & ...



[EDF Renewables puts Desert Quartzite solar-plus-storage ...](#)

EDF Renewables North America has begun operations on a 375MW/600MWh solar-plus-storage project in California, US. The ...

[The biggest solar-plus-storage project in the](#)

The Edwards & Sanborn solar and storage project in Kern County, California. (Mortenson) The largest combined solar and energy ...



[EDF Renewables North America and Power Sustainable Close ...](#)

This financing marks the first project leverage application in the United States for EDF Renewables in over a decade. Desert Quartzite Solar+Storage, located in Riverside County, ...



[EDF Renewables puts Desert Quartzite solar-plus-storage project ...](#)



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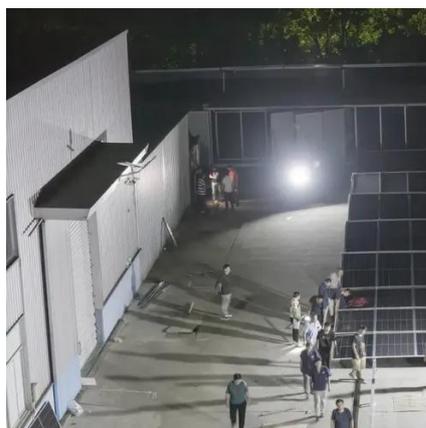


[A huge \\$2 billion solar + storage project in ...](#)

Eland 1 & 2, a 758-megawatt (MW) solar farm with a 300 MW/1,200 MWh battery storage system, is now online in Mojave, California.

[BLM announces Desert Sunlight battery storage ...](#)

PALM SPRINGS, Calif. -- In another step towards achieving a clean energy future and meeting the Biden-Harris administration's goal ...



[BLM approves NextEra's 300-MW Sunlight Storage II project in ...](#)

The project will bring the total storage capacity co-located with the 550 MW Desert Sunlight Solar Farm to 530 MW.

[Battery Storage Projects Boost Southern California's Energy ...](#)



Solar power and battery storage are essential for Southern California's energy resilience and sustainability. Together, they ensure a reliable energy supply during outages or ...



[APS, first solar partner on Arizona's largest battery storage project](#)

50-MW solar plus storage facility will serve APS customers during hot summer months PHOENIX -- Two homegrown leaders in renewable energy, Arizona Public Service ...

[230MW BESS comes online at Bureau of Land ...](#)

A site map of the project. Image: Dudek/BLM/NextEra/Desert Sunlight. A 230MW battery energy storage system (BESS) from NextEra ...



[Large-scale solar with 600 MWh of storage now ...](#)

Desert Quartzite, a 300 MW / 600 MWh solar-plus-storage project located mostly on Federal lands administered by the Bureau of ...

[Desert Bloom Storage - Recurrent Energy](#)



Recurrent Energy is one of the world's largest and most geographically diversified utility-scale solar and energy storage project development, ownership, and operations platforms. With an ...



[EDF Renewables North America and Power Sustainable Energy](#)

Desert Quartzite, located on Federal lands administered by the Bureau of Land Management (BLM) in Riverside County, California, is designed to store electricity during peak ...

[A huge \\$2 billion solar + storage project in California powers up](#)

Eland 1 & 2, a 758-megawatt (MW) solar farm with a 300 MW/1,200 MWh battery storage system, is now online in Mojave, California.



[EDF Renewables North America and Power ...](#)

EDF Renewables North America and Power Sustainable Energy Infrastructure announced that their jointly owned Desert Quartzite ...



[Project Overview , Project Gemini](#)



Located in the heart of the sun-soaked Mojave Desert, and just 30-minutes outside of Las Vegas, Primergy developed Gemini, a 690 MWac solar +
...



[EDF Renewables puts Desert Quartzite solar-plus ...](#)

EDF Renewables - a regional subsidiary of French energy giant EDF - did not specify the suppliers of the solar or storage elements ...



[Clean Power Alliance's New Solar and Battery Storage Projects ...](#)

Desert Quartzite Solar + Storage Project The Desert Quartzite project, located in Riverside County, is one of the largest solar + storage energy complexes in the state of ...



[EDF Renewables North America and Power Sustainable Energy](#)

EDF Renewables North America and Power Sustainable Energy Infrastructure announced that their jointly owned Desert Quartzite Solar+Storage Project achieved ...



[EDF Renewables North America and Power ...](#)



SAN DIEGO (April 16, 2025): EDF Renewables North America is pleased to announce the close of financing for the Desert Quartzite Solar+Storage ...



[Large-scale solar with 600 MWh of storage now operational in ...](#)

Desert Quartzite, a 300 MW / 600 MWh solar-plus-storage project located mostly on Federal lands administered by the Bureau of Land Management (BLM), in Riverside County, ...

[Desert Quartzite Solar+Storage project in California commences ...](#)

Located on federal land managed by the Bureau of Land Management in Riverside County, California, Desert Quartzite is engineered to capture and store solar energy during ...



[EDF Renewables. Power Sustainable secure financing for Desert ...](#)

Located on federal lands in Riverside County administered by the Bureau of Land Management, the Desert Quartzite Solar+Storage Project integrates 375 MWdc of solar ...

[Recurrent Energy to deliver 1,800 MWh of energy ...](#)



It is a leading manufacturer of solar photovoltaic modules, provider of solar energy and battery energy storage solutions, and ...



[California approves world's largest solar + storage ...](#)

To start with, California regulators have approved a milestone solar + storage project in Fresno County, plus Cadiz has entered into an ...



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