

Desert sunlight solar photovoltaic project





Overview

The Desert Sunlight Solar Farm is a 550-megawatt (MWAC) photovoltaic power station approximately six miles north of Desert Center, California, United States, in the Mojave Desert. It uses approximately 8.8 million cadmium telluride modules made by the US thin-film manufacturer First Solar. It has the same 550 MW.

Project construction took place in two phases, both of which are supported by .Phase I has a capacity of.

In 2012 the issued a report identifying three desert solar power plants sited within five miles of National Parks in the California Desert as projects that they suggest should not have been approved in their locations, including.

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What is desert sunlight solar farm?

The Desert Sunlight Solar Farm is a 550- megawatt (MW AC) photovoltaic power station approximately six miles north of Desert Center, California, United States, in the Mojave Desert. It uses approximately 8.8 million cadmium telluride modules made by the US thin-film manufacturer First Solar.

What is Desert Sunlight?

Desert Sunlight is one of the largest completed PV solar projects in the world. It represents a major milestone in scaling up solar technology and uses First Solar's commercially-available Series 3 thin-film cadmium-telluride solar modules. The project created 550 construction jobs and is expected to support 15 permanent jobs.

Where is desert sunlight located?

Desert Sunlight, which was officially dedicated Feb. 9 on 3,800 acres (1,540 hectares) of land administered by the Bureau of Land Management, is now the sixth operational solar plant on federal property. Twenty-nine other solar projects have been approved for public lands, and eight are currently under



construction in California and Nevada.

How many solar modules will be installed at desert sunlight?

At project completion, 8.9 million solar modules will have been installed at Desert Sunlight. The project is expected to generate 1,060,000 megawatt-hours of clean energy per year while preventing 614,000 metric tons of carbon dioxide emissions annually. It also used approximately 70,000 metric tons of American steel.

Who owns desert sunlight?

Desert Sunlight was supported by a loan guarantee from the Department of Energy worth \$1.5 billion, but the plant is owned by NextEra Energy Resources, GE Energy Financial Services and Sumitomo Corporation of America, while the actual facility was built by First Solar.

How did desert sunlight help the solar industry?

Desert Sunlight, by working with 14 commercial lending partners, paved the way for future utility-scale photovoltaic solar deals. This project's success helped contribute to the growth of the solar industry.



Desert sunlight solar photovoltaic project



Desert Sunlight Solar Project Damaged by Tornado

(First Solar) proposes to construct and operate a 550-megawatt (MW) solar photovoltaic (PV) power plant project known as the Desert Sunlight Solar Farm (DSSF or Project). The DSSF would include three main components 1) the ...

NextEra Energy Newsroom

Development on the Desert Sunlight Solar Farm began in 2008. Desert Sunlight received its right-of-way grant from the Bureau of Land Management in August 2011. Since breaking ground, the project employed an average of 440 construction workers who logged



Solar Farm Project, Riverside County, California (CEQ ...

Subject: Draft Environmental Impact Statement for the Proposed First Solar Desert Sunlight Solar Farm Project, Riverside County, California (CEQ #20100338) Dear Mr. Kalish: The U.S. Environmental Protection Agency (EPA) has reviewed the Draft

Desert Sunlight, Another 550MW Solar Farm From ...

And now Topaz has to share the crown with First Solar's 550-megawatt Desert Sunlight project in Riverside, Calif., which went all-on this month, according to the California Independent



Huaming in Desert Sunlight Solar Farm Project, USA

Desert Sunlight Solar Farm is a 550MW photovoltaic (PV) solar power project built across 3,600 acres land in the Chuckwalla Valley. It was developed by NextEra Energy Resources and GE Financial Services. It is located in the east of Riverside county of California



Sumitomo acquires 25% share in 550MW Desert Sunlight Solar Farm project

Sumitomo Corporation of America (SCOA) and its parent company Sumitomo Corporation have invested in the 550MW Desert Sunlight Solar Farm which is currently under construction in the Californian



Desert Sunlight Solar Farm, Desert Center, California

Briefly the world's largest solar photovoltaic plant, Desert Sunlight remains an example of how California is charging ahead with its shift to renewable energy. Though the road has not been





[Desert Sunlight Solar Farm, California, USA](#)

The approved project uses solar photovoltaics and consists of three main components which are the interconnection line (220 kV), the solar farm site and the Red Bluff ...



[Solar power plants in the Mojave Desert](#)

The 230 MW Antelope Valley Solar Ranch is a First Solar photovoltaic project now owned by Exelon [34] in the Antelope Valley area of the Western Mojave Desert. [35] In September 2011, the project received a \$646 million loan guarantee from the US Department of Energy, and its construction was estimated to generate 350 construction jobs and 20 permanent jobs. [35]



[Desert Sunlight Solar Farm, California, USA](#)

[3] "Desert Sunlight Photovoltaic (PV) Solar Farm, California - Renewable Technology." (Renewable Technology) [Accessed: 17-Oct-2019] Click to view [4] "Solar Energy, National Parks, and Landscape Protection in the Desert Southwest Executive Summary.



Desert Sunlight is Shining Example of How DOE

With Desert Sunlight now fully operational, all five projects are online, generating clean electricity and repaying loans. When most Americans think of solar, they probably picture solar panels on ...



Draft EIS Desert Sunlight Solar Farm project

solar photovoltaic (PV) energy-generating project known as the Desert Sunlight Solar Farm (DSSF). The PV generating facility (Solar Farm), most of the corridor for the Project's 220-kilovolt (kV) generation interconnection transmission line (Gen-Tie ...



Desert Sunlight 300 solar farm

Desert Sunlight 300 solar farm is an operating solar photovoltaic (PV) farm in Riverside County, California, United States. Project Details Table 1: Phase-level project details for Desert Sunlight 300 solar farm

America flips switch on 550MW Desert Sunlight solar farm

Desert Sunlight is the sixth solar project approved on public lands by the BLM that is now operational. The facility uses more than eight million First Solar photovoltaic modules to generate power with no air emissions, no waste production and no



Sumitomo Invests in Desert Sunlight Solar Farm, The Largest PV Project

NEW YORK, Oct. 2, 2012 /PRNewswire/ -- Sumitomo Corporation of America (SCOA), together with its parent, Sumitomo Corporation (SC) (collectively Sumitomo), have invested in the Desert Sunlight





Secretary Salazar Approves 550 Megawatt Solar Project in ...

WASHINGTON, DC - Secretary of the Interior Ken Salazar today approved the Desert Sunlight Solar Farm, a 550-megawatt (MW) solar power project to be built in the ...

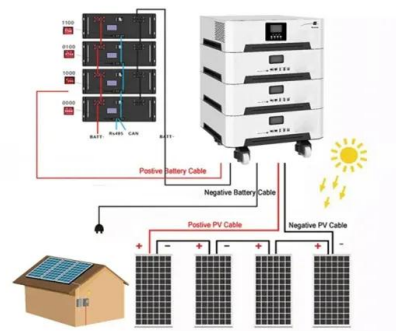


Power plant profile: Desert Sunlight Solar PV Park II, US

Desert Sunlight Solar PV Park II is a 250MW solar PV power project. It is located in California, the US. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently active. It has been developed in multiple phases.

Inside the Desert Sunlight Solar Farm, The Largest Solar Power Plant

As a result, solar power in America has officially grown up. The two largest solar power plants in the world--Desert Sunlight and Topaz Solar Farm, about 400 miles (640 km) to the west in central



[Desert Sunlight 250 solar farm](#)

Desert Sunlight 250 solar farm is an operating solar photovoltaic (PV) farm in Riverside County, California, United States. Project Details Table 1: Phase-level project details for Desert Sunlight 250 solar farm



Groundwater use at solar project draws concerns

As the Desert Sunlight solar farm nears completion, the project's developer has a request for federal regulators: more groundwater. First Solar says it needs an additional 50 acre-feet of water to



Large-scale photovoltaic solar farms in the Sahara affect

Large solar farms in the Sahara Desert could redistribute solar power generation potential locally as well as globally through disturbance of large-scale atmospheric teleconnections, according to

Desert Sunlight, Another 550MW Solar Farm From ...

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Desert Sunlight Solar Farm, Desert Center, California

Briefly the world's largest solar photovoltaic plant, Desert Sunlight remains an example of how California is charging ahead with its shift to renewable energy.



California Solar News and Announcements

In 2021, Sunlight Solar LLC received authorization from the BLM to construct the Desert Sunlight Battery Energy Storage System within the Desert Sunlight Solar facilities. Additional information is available on the Desert Sunlight Battery Energy Storage System project website on the BLM National NEPA Register.

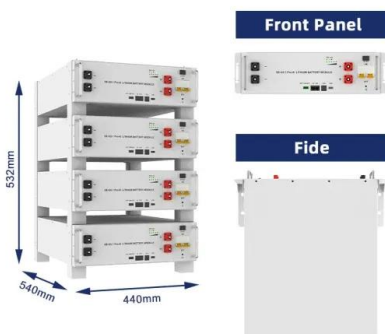


Desert Sunlight Photovoltaic (PV) Solar Farm, California

The 550MW Desert Sunlight photovoltaic (PV) solar farm is located six miles north of the rural community of Desert Center, Riverside County, California. It is built on approximately 4,100 acres of land managed by the US Bureau of Land Management (BLM).

DESERT SUNLIGHT

Desert Sunlight represents a major milestone in scaling up solar technology as one of the largest completed PV solar projects in the world. The project will deploy First Solar's commercially-available Series 3 thin-film cadmium-telluride ...



Desert Sunlight 550 MW solar PV project goes online

The 550 MW Desert Sunlight project co-owned by NextEra Energy Resources, GE Energy Financial Services, and Sumitomo went A shift of emphasis from PV solar power plants to concentrating solar



China starts building its largest photovoltaic power base in desert

China started building its largest solar energy base in a desert in the northwestern Ningxia Hui autonomous region on Sept 9. The photovoltaic power base, with a total installed capacity of about three gigawatts (GW), is constructed in the Tengger Desert in ...

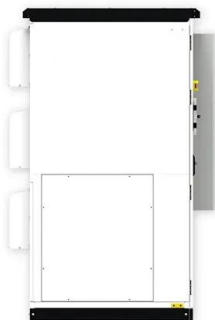


Desert Sunlight Photovoltaic (PV) Solar Farm, California

Desert Sunlight Solar Farm is a 550MW photovoltaic (PV) solar power project built across 3,600 acres of land in the Chuckwalla Valley, California, US. It was developed by ...

Desert Sunlight, Another 550MW Solar Farm From First Solar, ...

And now Topaz has to share the crown with First Solar's 550-megawatt Desert Sunlight project in Riverside, California, which went all-on this month, according to the California Independent System Operator (CAISO) website. The projects use approximately 9



First Solar Sells 550-Megawatt Desert Sunlight Solar Farm, Among

TEMPE, Ariz., September 30, 2011-First Solar, Inc. (Nasdaq:FSLR) today announced completion of the sale of one of the world's largest photovoltaic (PV) solar power projects - the 550-megawatt (AC) Desert Sunlight Solar Farm near Desert Center, Calif.



Desert Sunlight solar project gets go-ahead from Department

Desert Sunlight is the beneficiary of a conditional loan guarantee commitment of \$1.88 billion, which was announced in June by the US Department of Energy. "The 550MW Desert Sunlight project



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