

Agua caliente solar power project in arizona

Does first solar have a loan guarantee for Agua Caliente?

In August 2011, the Department of Energy issued a \$967 million loan guarantee to finance Agua Caliente, a 290-MW photovoltaic (PV) solar generation project that reached full commercial operations in April 2014. The project features more than 4.9 million of First Solar's thin-film cadmium-telluride solar modules.

How much energy does Agua Caliente generate a year?

Agua Caliente is expected to generate 559,000 MWh of clean energy annually. It is expected to prevent approximately 312,000 metric tons of carbon dioxide emissions each year. All information up-to-date as of November 2018. 1 Approximate amount of the loan facility approved at closing including principal and any capitalized interest.

How many cadmium-telluride solar modules are in Agua Caliente?

The project features more than 4.9 million of First Solar's thin-film cadmium-telluride solar modules. Agua Caliente is the first utility-scale photovoltaic plant to use new inverter technologies that make the plant more reliable and allow operation during larger voltage variations than traditional inverters.

How many jobs will Agua Caliente create?

Agua Caliente created 400 construction jobs and is expected to support 10 permanent jobs. The project used approximately 39,000 metric tons of American steel. Agua Caliente is expected to generate 559,000 MWh of clean energy annually. It is expected to prevent approximately 312,000 metric tons of carbon dioxide emissions each year.

How much steel does Agua Caliente use?

The project used approximately 39,000 metric tons of American steel. Agua Caliente is expected to generate 559,000 MWh of clean energy annually. It is expected to prevent approximately 312,000 metric tons of carbon dioxide emissions each year. All information up-to-date as of November 2018.

What is Agua Caliente?

Agua Caliente is the first utility-scale photovoltaic plant to use new inverter technologies that make the plant more reliable and allow operation during larger voltage variations than traditional inverters. These variations can be caused by cloud cover or dust that causes voltage spikes or drops.

EA-1797: Agua Caliente Solar Project in Yuma County, AZ The documents included on the Environmental Compliance Division webpages have been posted to comply with ...

With a capacity of 290 MW, the Agua Caliente Solar Project in Arizona from First Solar represents one of the most technically advanced projects underway. It serves as a model for incorporating cutting-edge technologies in ...

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Elisabeth Solar, LLC proposes to construct, own, and operate a utility-scale photovoltaic (PV) energy generating and battery storage facility on public lands administered ...

This EA analyzes the potential environmental impacts of providing a federal loan guarantee to Agua Caliente Solar, LLC, for the construction and operation of a 290 megawatt ...

The Agua Caliente Solar Project has been set up in Yuma County, Arizona. This solar farm is built on an earlier distributed agricultural land, 65 miles on the White Wing Ranch. That piece of land was chosen after a thorough ...

The Agua Caliente SEZ was established in January 2013 through the Record of Decision (ROD) for the Arizona Restoration Design Energy Project (RDEP), following the requirements of the BLM's Solar Energy Program presented in ...

The Agua Caliente Solar Photovoltaic facility in southern Arizona, currently the world's largest solar PV plant, completed construction on April 29. News & Technology for the Global Energy Industry

In August 2011, the Department of Energy issued a \$967 million loan guarantee to finance Agua Caliente, a 290-MW photovoltaic (PV) solar generation project that reached full ...

Elisabeth Solar, LLC ("Elisabeth Solar") is developing an approximately 270-megawatt (MW) solar facility on 1,411 acres of BLM land near Dateland, Arizona. The project will connect to both the Arizona Public Service's and California ...

Project Datasheet Agua Caliente Solar Project Yuma County, Arizona, USA NRG Energy & MidAmerican Renewables, LLC. Developer/ First Solar Construction/O& M: Size: Power Output ...

Agua Caliente Solar farm is a 290MW photovoltaic (PV) power project located in the east Yuma County of Arizona, US. It is owned by NRG Energy and MidAmerican Energy Holdings and is ...

Power plant details for Agua Caliente Solar Project, a solar farm located in Dateland, AZ. View the monthly generation and consumption, generator details, and more for Agua Caliente Solar ...

The Agua Caliente project uses clean solar power to avoid the annual emission of approximately 324,000 tons of carbon dioxide into the atmosphere, which is the equivalent of taking nearly 70,000 ...

Agua Caliente is a 290 MW solar farm in Dateland, Arizona. With a long-term power purchase agreement with PG& E, Agua Caliente has generated low-cost clean power since 2014. ... Whether you're a landowner interested in hosting ...

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The Agua Caliente Solar Project is a 290 megawatt (MWAC) photovoltaic power station, built in Yuma County, Arizona using 5.2 million cadmium telluride modules made by the U.S. thin-film manufacturer First Solar.

Agua Caliente Proposed Solar Energy Zone Due Diligence Report Ian Dowdy, AICP, MBA ... guide the future of solar energy on Arizona's public lands. The first is the ...

Arizona Project Expected to Generate Approximately 400 Jobs. ... The Agua Caliente Solar project will deploy fault ride-through and dynamic voltage regulation, innovative ...

US-based independent infrastructure investor Clearway Energy has agreed to acquire an additional 35% stake in the 290MW Agua Caliente solar project in Dateland, ...

Known as Agua Caliente, the renewable energy plant can generate 290 megawatts at peak capacity - which is enough to power 230,000 homes and is comparable to the energy output of the...

megawatts of solar generation in operation, BHE Renewables is an industry leader in solar energy generation. A Renewable-Energy Microgrid in West Virginia. ... BHE Renewables acquired a 49% interest in the Agua ...

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