



Arizona energy batteries solar

What is Arizona's First Solar-fueled battery?

PHOENIX -- Two homegrown leaders in renewable energy, Arizona Public Service and First Solar (Nasdaq: FSLR), are bringing a first-of-its-kind 50-megawatt (MW) solar-fueled battery to the desert to provide clean power to Arizonans on hot summer days. This project will make Arizona home to one of the largest battery storage systems in the country.

How many solar and battery storage facilities are there in Arizona?

According to Arizona Public Service Company, the state's largest utility, it plans to add nearly 2,500 MW of solar and battery storage to Arizona's electricity grid by the end of this year through power purchase agreements with nine new solar and battery storage facilities.

What is Arizona's largest battery energy storage system?

Salt River Project (SRP) and NextEra Energy Resources, LLC, announced Arizona's largest operational battery energy storage system is now online. Sonoran Solar Energy Center is a 260-megawatt (MW) solar facility with the ability to charge a 1 gigawatt-hour (GWh) battery energy storage system, located south of Buckeye, Arizona.

Why is Arizona partnering with First Solar?

"Partnering with an Arizona company such as First Solar to pair solar power with advanced battery storage is good for our customers and continues our state's national leadership in clean energy innovation," said Don Brandt, Chairman, President and CEO of APS. For First Solar, the project represents the next step in solar energy.

How much energy will Arizona produce?

Approximately 82% (3,850 MW) of that new capacity are expected to be produced through solar energy and battery storage. Natural gas-fired plant expansions are expected to increase energy generating capacity in Arizona by about 18% (922 MW).

Who commissioned Sonoran Solar Energy Center & Storey Energy Center?

SRP and NextEra Energy Resources commissioned Sonoran Solar Energy Center, a 260-MW solar plant with a 1 gigawatt-hour battery energy storage system. Both organizations also commissioned Storey Energy Center, an 88-MW solar and battery storage facility.



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