

# Superstition energy storage





## Overview

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How many homes will a 90 MW superstition energy storage facility serve?

It will store enough energy to power more than 56,000 homes for a four-hour period. The 90 MW Superstition Energy Storage facility, located in Gilbert, will store enough energy to serve more than 20,000 Valley homes for a four-hour period. This project is expected to come online this week.

Will a new battery storage project help stabilize the electrical grid?

THE WOODLANDS, Texas, Oct. 17, 2023 /PRNewswire/ -- Plus Power LLC announced completion of \$1.8 billion in new financing for standalone battery storage, including the largest single such project financing to date, to help stabilize the U.S. electrical grid while incorporating more solar and wind energy.

How much money did Foss & company invest in energy storage?

\$212.2 million of tax equity financing from Foss & Company, as well as \$276 million of construction and term financing, for the 300 MW / 600 MWh Rodeo Ranch Energy Storage facility in Pecos. \$196 million of construction and term financing for the 200 MW / 400 MWh Ebony Energy Storage facility in Comal County, northeast of San Antonio.

Which energy storage project has the largest financing package?

Construction underway at the Sierra Estrella Energy Storage project in Avondale, Arizona, which just received the largest financing package for a single standalone energy storage project, worth \$707 million. (Image: Plus Power) Plus Power LLC announced completion of \$1.8 billion in new financing for standalone battery storage.

What is a standalone energy storage system?

Standalone energy storage, guided by Plus Power's data-driven algorithms, is optimally sited to address grid congestion and wholesale market volatility.



Headquartered in Houston, with offices in San Francisco, Chicago, and Miami, Plus Power operates at the nexus of energy, technology and finance.

What makes a well-sited energy storage project a good investment?

The size and breadth of the financings by leading institutions – and the projects' geographic and revenue structure diversity – highlights the variety of services and value that well-sited standalone energy storage can offer power markets.



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### SRP deploys state's largest battery system to handle ...

utility and Plus Power LLC this week unveiled two new systems, Sierra Estrella Energy Storage in Avondale and Superstition Energy Storage in Gilbert. Together, the two facilities will add 340

### Giant lithium-ion battery plant eyed for northwest Gilbert

the Superstition Energy Storage project at a neighborhood meeting Aug. 17 that was attended by four residents, who did not ask any questions after the short presentation. "This will help provide reliability to the power grid," said Molly Emerson, lead "It



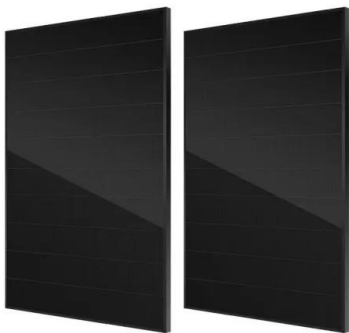
### Plus Power raises \$1.8 billion for US energy storage facilities

Superstition Energy Storage (90 MW/360 MWh): \$196 million construction, term loan and letter of credit facility. The completed transactions were financings totaling \$884 million to support



### Project Overview -- Superstition Energy Storage

The 90 MW / 360 MWh battery storage facility provides capacity and energy services to the Salt River Project (SRP) electrical grid in southeast Phoenix, enhancing grid reliability and ...



### Plus Power raises \$1.8 billion to advance construction ...

Superstition Energy Storage (90 MW/360 MWh): \$196 million construction, term loan and letter of credit facility. The completed transactions were financings totaling \$884 million to support construction of 700 MW of ...

### Major leap forward for standalone battery energy storage, as ...

\$196 million construction, term loan and letter of credit facility for the 90 MW / 360 MWh Superstition Energy Storage project in Gilbert, southeast of Phoenix. Capital partners praised the work



### Arizona Utility Breaks Ground on State's Largest ...

The other, a 90 MW/360 MWh project called Superstition Energy Storage, is expected to be built in Gilbert, Arizona. A rendering of the Sierra Estrella Energy Storage facility, which is expected to be built in ...



### SRP to Add 340 MW of Additional Battery Storage

Salt River Project announced signed contracts with Plus Power to bring online two grid-charged battery storage systems with a total combined output of 340 megawatts (MW) by early summer 2024. This is enough energy to power more than 76,000 average size residential homes over a four-hour period. The first project, called Sierra Estrella, will be a



### Two new battery storage projects coming online in Arizona

The 90 MW Superstition Energy Storage facility, located in Gilbert, Arizona, was expected to come online this week, SRP said June 24. Both facilities feature Tesla lithium-ion battery energy

### Construction set to begin on 250 MW/1,000 MWh battery project ...

announced with Plus Power in the Fall of 2022. The other, a 90 MW/360 MWh project called Superstition Energy Storage, is expected to be built in Gilbert, Arizona. A rendering of the Sierra



### SRP breaks ground on 250-MW Battery Storage farm in Arizona

both facilities set to come online by summer 2024. The other facility, Superstition Energy Storage, will be built in Gilbert, Arizona, and will have a capacity of 90 MW or 360 MWh. Together with other battery contracts, SRP aims to surpass 1.1 GWh



### Two New Battery Storage Projects Coming Online in Arizona

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### Home

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### Construction Nears on New Large-Scale Battery Storage Project ...

The other, a 90 MW, or 360 megawatt-hour, project called Superstition Energy Storage, will soon be built in Gilbert, AZ. These projects along with additional battery contracts that SRP has entered, will help SRP surpass 1,100 MW of battery storage by 2024, which is among the largest utility-scale battery investments in the Western U.S.



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Email \* Message \*



### Two new battery storage systems to save extra energy for later use

On the other hand, the 90-megawatt Superstition Energy Storage in Gilbert has the ability to store enough power to support 20,000 homes over the course of four hours. SRP expects this project to



### Two New Batteries on SRP's Grid Will Advance Reliable

PHOENIX, Arizona, June 25 -- The Salt River Project, a public power utility and electricity provider, issued the following news: Salt River Project (SRP) and Plus Power LLC today celebrated two new grid-charged battery storage systems, Sierra Estrella Energy Storage and Superstition Energy Storage. Together, these facilities will add 340 megawatts (MW) / 1,360 ...

### Superstition Gen-Tie Project Overview

Project Overview Generation Intertie Power Line of Superstition Energy Storage LLC ("Superstition Energy Storage" or "Company") is planning to build an approximately 440-foot-long, 230-kilovolt (kV), generation intertie (gen-tie) power line known as the Superstition



### Plus Power Raises \$1.8B to Stabilize Grid with 5

\$196 million in construction, term loan, and letter of credit for a 360 MWh Superstition Energy Storage project in Gilbert, Arizona. Major investors and financiers include Deutsche Bank, Bank of America, U.S. Bank, Goldman ...



### SRP Adds Two Grid-Charged Battery Systems

Salt River Project (SRP) and Plus Power LLC today celebrated two new grid-charged battery storage systems, Sierra Estrella Energy Storage and Superstition Energy Storage. Together, these facilities will add 340 megawatts (MW) / 1,360 megawatt-hours (MWh) of additional battery storage capacity to SRP's system - enough to power 76,000 residential ...



To Strive forward No Energy Waste



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- ✓ Intelligent Integration

### **Energy Storage Awards, 21 November 2024, Hilton London ...**

The package includes US\$196 million construction, term loan and letter of credit facility for the 90MW/360MWh Superstition project, also in Arizona. Both of the Arizona projects have 20-year energy storage tolling agreements with local utility Salt River Project (SRP) and are scheduled to be online by Q2 2024.

### **A giant 1.3 GWh Tesla Megapack project is going online in Arizona**

A massive Tesla Megapack project with 1.3 GWh of energy storage capacity is coming online in Arizona - making it one of the largest battery systems. Salt River Project (SRP) and Plus Power LLC



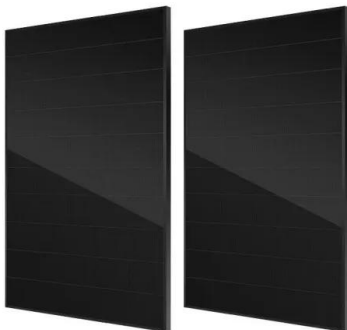
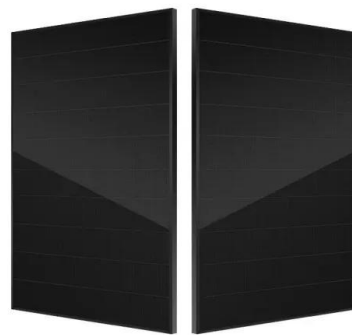
### 852 Superstition Energy Storage (360MWh)

Superstition Energy Storage, LLC / 65419  
Changes: 2024-04 status: planning -> construction ? status\_verbose: (T) Regulatory approvals received. Not under construction -> (V) Under construction, more than 50 percent complete 2023-08 status\_verbose: (P)



### Plus Power Secures Additional \$82 Million of Tax Equity for ...

Today, Plus Power announced the closing of an \$82 million tax equity investment from Morgan Stanley for the 90 MW / 360 MWh Superstition Energy Storage facility in Gilbert, ...



### Construction nears on SRP large-scale battery energy storage ...

The other, a 90 MW / 360 MWh project is called Superstition Energy Storage, which is planned for Gilbert, Ariz. When these projects are complete, SRP expects to surpass 1.1 GW of battery storage by 2024.

### SRP's new battery site in Avondale will store solar power for peak ...

Using Tesla battery technology Plus Power will design, build, and operate the energy-storage project, which will use Tesla lithium-ion technology with batteries made in the U.S. SRP hasn't





[News -- Superstition Energy Storage](#)

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**SRP inaugurates 340MW/1,360MWh BESS assets ahead of**

Sierra Estrella, in the city of Avondale, Maricopa County, is the largest standalone battery energy storage system (BESS) in Arizona so far. Although Salt River Project (SRP) earlier this year added a slightly larger 260MW system at its Sonoran Solar Energy Center, that project charges directly from a solar PV array of the same nameplate generation capacity ...

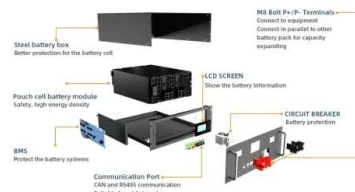


**Major battery energy storage system in Arizona supports Meta ...**

Arizona's newest and largest battery energy storage system (BESS) is part of a solar-plus-storage project that will supply Meta's enormous energy needs for a new, 100% green energy-powered data center in the region.

**Construction nears on SRP large-scale battery energy storage ...**

The Sierra Estrella facility is one of two battery storage projects SRP announced in fall of 2022 with Plus Power, with both projects scheduled to come online by summer of ...





### **New SRP battery storage stations coming online in ...**

Superstition Energy Storage Facility in Gilbert. SRP SRP and Houston-based Plus Power announced their collaboration in the fall of 2022, announcing that both facilities will be owned and operated



### **Plus Power Secures Additional \$82 Million of Tax ...**

Plus Power's Superstition Energy Storage facility in Gilbert, Arizona. Plus Power, which leads the sector for developing, owning, and operating standalone energy storage, has raised a total of



### **Projects**

Salt River Project (SRP) and Plus Power today celebrated two new grid-charged battery storage systems, Sierra Estrella Energy Storage and Superstition Energy Storage. Together, these facilities will add 340 megawatts (MW) / 1,360 megawatt-hours (MWh) of additional battery storage capacity to SRP's system - enough to power 76,000 residential homes for a four-hour ...

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