



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 ???



PHOENIX, Arizona, April 14 -- The Salt River Project, a public power utility and electricity provider, issued the following news release: Officials from SRP, Plus Power LLC, and the City of Avondale met on Wednesday for a ceremonial groundbreaking to kick off construction mobilization at the new large-scale battery facility, Sierra Estrella Energy Storage on West Broadway Road in ???



The Sierra Estrella BESS facility will store electricity ??? enough to power 56,000 homes for a four-hour period ??? produced when energy demand is lower and release the electricity when demand is higher. Located within the ???

# SIERRA ESTRELLA ENERGY STORAGE FACILITY



-MW Sierra Estrella energy storage facility, located in Avondale, is now the largest standalone battery in Arizona, SRP said in an announcement. The 90-MW Superstition energy storage facility is located in Gilbert and is expected to go live this week.



The new Sierra Estrella energy storage facility will hold electricity produced during low-use periods and release it when demand is higher, helping to power more than 56,000 average-sized homes



Sierra Estrella Energy Storage We provided engineer-procure-construct (EPC) services for Plus Power's 250-megawatt (MW)/1,000-megawatt-hour (MWh) lithium-ion battery energy storage system (BESS) in Arizona. The facility is the largest stand-alone energy storage facility in the state, utilizing 276 Tesla Megapacks.

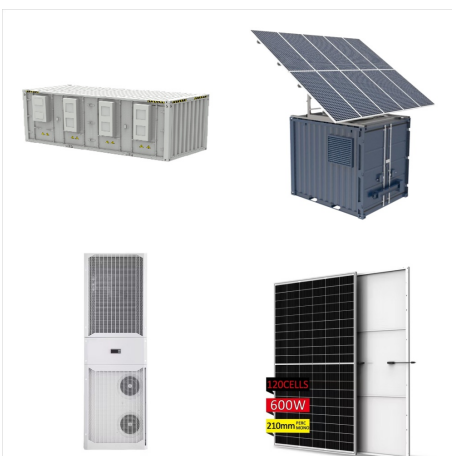
# SIERRA ESTRELLA ENERGY STORAGE FACILITY



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 2024. The other, a ???



A ceremonial groundbreaking kicked off construction at the new large-scale battery facility, Sierra Estrella Energy Storage in Tolleson. AZ Big Media Logo. Search. Business. MIW 2022. Podcast.



The Superstition facility and a related facility, the 250 MW / 1000 MWh Sierra Estrella energy storage project in Avondale, Arizona, will be operational in June 2024. The systems will provide capacity and energy services to the Salt River Project electrical grid near Phoenix, supporting grid reliability and accelerating the integration of

# SIERRA ESTRELLA ENERGY STORAGE FACILITY



The recent financing includes \$707 million for the 250 MW Sierra Estrella Energy Storage facility in Avondale, Arizona, which is expected to be the largest standalone battery facility in Arizona



Today's announcement includes Plus Power's \$707 million financing for the 250 megawatt Sierra Estrella Energy Storage facility in Avondale, Arizona, west of Phoenix. It will be the largest to date for a standalone energy storage project. The 11-acre footprint of the Sierra Estrella project allows the project to be sited without attached



-megawatt Sierra Estrella Energy Storage, which sits on 9 acres in the West Valley, is now Arizona's largest standalone battery system. It can store enough energy to power over 56,000

# SIERRA ESTRELLA ENERGY STORAGE FACILITY



A rendering of the Sierra Estrella Energy Storage facility, which is expected to be built in Tolleson, Arizona. Photo by Salt River Project. SRP has a goal of surpassing 1,100 MW in battery storage by 2024. The utility aims to reduce emissions (from 2005 levels) by more than 65 percent by 2035 and 90 percent by 2050. As a part of that plan, SRP



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 2024. The other, a 90 MW, or 360 megawatt-hour, project called Superstition Energy Storage, will soon be built in Gilbert, AZ.



A rendering of the Sierra Estrella Energy Storage facility, which is expected to be built in Tolleson, Arizona. Photo by Salt River Project. SRP has a goal of surpassing 1,100 MW in battery storage by 2024. The utility aims to ???



# SIERRA ESTRELLA ENERGY STORAGE FACILITY



Sierra Estrella Energy Storage is a 250 MW / 1,000 MWh state-of-the-art battery energy storage system that provides clean, firm capacity to Arizona utility Salt River Project. The facility is located on approximately 11 acres of land on a ???



The Sierra Estrella Energy Storage project is ideally located on roughly 11 acres of land in Avondale, Arizona, where it interconnects adjacent to the 230kV bus of the Rudd substation, an existing critical exchange on the grid. The new Sierra Estrella energy storage facility will hold electricity produced during low-use periods and release



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 as its ???

# SIERRA ESTRELLA ENERGY STORAGE FACILITY



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. The Sierra ???



The Sierra Estrella Energy Storage facility is one of two battery storage projects announced by SRP and Plus Power in fall of 2022, with 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.



MW Sierra Estrella Energy Storage facility, located in Avondale, AZ, is SRP's largest grid-tied battery and now the largest standalone battery in Arizona. The project is sited on nine acres in Avondale and unaffiliated with a specific type of power generation. It will store enough energy to power more than 56,000 homes for a four-hour

# SIERRA ESTRELLA ENERGY STORAGE FACILITY



DETAILS: The 250 MW Sierra Estrella Energy Storage facility is SRP's largest grid-tied battery and 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, can store enough energy to serve more than 20,000 Valley homes for a four-hour period.



Officials from SRP, Plus Power LLC, and the City of Avondale met on Wednesday for a ceremonial groundbreaking to kick off construction mobilization at the new large-scale battery facility, Sierra Estrella Energy Storage on West Broadway ???



The two systems ??? the 250-megawatt Sierra Estrella Energy Storage facility in Avondale and the 90-megawatt Superstition Energy Storage facility in Gilbert ??? come as the result of a partnership between SRP and Plus Power LLC. Both are charged from the existing power grid, and together, they have enough storage to power 76,000 residential



# SIERRA ESTRELLA ENERGY STORAGE FACILITY



MW Sierra Estrella Energy Storage facility, located in Avondale, Arizona, is SRP's largest grid-tied battery and now the state's largest standalone battery. The 90 MW Superstition Energy Storage facility, located in Gilbert, Arizona, was expected to come online this week, SRP said June 24.