



Aaron texas energy storage

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"Following on to the 50 MW Padua 1 project already under construction for CPS Energy, this additional 350 MW of four-hour duration battery energy storage will provide new dispatchable capacity to the San Antonio area by mid-2026, representing the single largest buildout of standalone battery energy storage in ERCOT to date and proving that deployment of fast and flexible energy storage resources at critical grid locations can bridge the many years until new transmission can be constructed to further support load growth and alleviate systemwide congestion," Zubaty said.

CPS said having the storage resources within its services territory will contribute to overall grid resiliency and will benefit customers. The firm has 10MW of operational BESS in its portfolio, and these SCAs will increase that number by 400MW. The deals last 20 years.

Rudy D. Garza, president and CEO of CPS Energy said: "This is another step in executing on our Vision 2027 generation plan and we are excited about the benefits it will provide to our community through both reliability and economic development."

Eolian's Zubaty said the project locations were chosen 'years ago' to reduce the burden on the transmission system and enhance market operations, by being near load pockets and adjacent to retiring thermal generation units.

The projects will also contribute at least US\$175,000 per year to CPS Energy sponsored activities and scholarships within the Greater San Antonio for a five-year period from the start of commercial operations.

The Texas energy storage market, often named after grid operator Electric Reliability Council of Texas (ERCOT), is the second-largest in the US after California. It is expected to have nearly 10GW of grid-scale BESS online by October 2022.

Just in the past week, a 200MW project changed hands between developer BMES and IPP Vitis, Spearmint Energy agreed to buy 1GWh of BESS from Sungrow for projects, and Enel commissioned a solar-plus-storage project, all in Texas.

Energy storage developer Eolian has completed an investment in two standalone battery energy storage projects in Texas, which it claims is the first use of the Inflation Reduction Act's new tax credit incentives (ITC).

Tax equity investment is a investment structure used to achieve a return based on US federal income tax benefits derived from said investment. Eolian claimed this deal is the first use of the investment tax credit (ITC) for standalone energy storage which came into effect on January 1 as part of the Inflation Reduction



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The two battery storage projects are located on the same site and will provide grid resilience in the Rio Grande Valley through trading in the energy market run by Texas's main grid operator ERCOT.

Alongside being the first use of the new (ITC) Eolian also claimed that together the two projects will constitute the largest fully-merchant battery storage projects in the world by energy capacity when they go online.

Typical applications for battery storage in Texas's ERCOT wholesale electricity market include frequency response services which have historically been a big chunk of battery storage projects's revenues in the state, regulation reserve service (RRS) and a sub-set within that group called fast frequency response (RRS-FFR).

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