

Texas energy storage bosnia and herzegovina

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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.

The projects, known as Angelo Storage and Great Kiskadee Storage, will have a combined capacity of 400MWh and will support grid reliability in the electricity reliability council of Texas (ERCOT) market.

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Angelo Storage will be co-located with the 195MW Angelo solar project.



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Apex president and CEO Mark Goodwin stated: "Texas already leads the nation in operating wind and solar capacity. Adding battery storage will support ERCOT with grid reliability, encouraging additional renewable development in the Lone Star state.

"Battery storage is a crucial component of our nation"s energy transition and Apex is investing accordingly, with 11.6 GW of utility-scale storage in our development portfolio – gigawatts of clean energy potential that is only realised alongside experienced partners like Powin."

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