

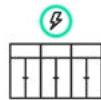
A future-ready & climate-resilient grid powered by Powin & Apex

TEXAS GRID TO BE BOLSTERED BY 500MWH ENERGY STORAGE ADVANCEMENT



Bigger than batteries:

An essential part of the clean transition.



A critical **energy storage project** for maintaining Texas' grid reliability.



In addition to adding 500MWh capacity to the grid, this is expected to generate over **\$24 million in tax revenue** and an estimated **100 new jobs**.

Bolstering the Texas grid

- The Angelo Storage and Great Kiskadee, as the projects are known, will be located in Tom Green County and in Hidalgo County, respectively
- Each of these projects is expected to deliver 100MW/200 MWh of capacity to the Texas grid with a 2-hour battery duration
- The projects are expected to be operational in 2024

Powering progress Grid Reliability When it's Needed Most

The Texas grid is an outlier in many ways. Not only is the state one of the leaders in wind-powered electricity generation, but its grid remains disconnected from neighboring states. This means Texas has to be self-sufficient and cannot rely on energy from nearby grids.

This is why in the face of extreme weather events, grid resilience and reliability have become top priorities for Texas. And that's where a new collaboration between Powin and Apex Clean Energy comes in. When completed, these energy storage projects will add much-needed capacity to the already strained Texas grid.

So much bigger than batteries

Powin & Apex: Meeting Energy Needs in Real-Time

As part of this collaboration, Apex will be responsible for developing, constructing, operating, and maintaining the projects. Powin will supply the Stack750 Integrated Platform and StackOS™ battery management system.

In addition to supplying energy arbitrage and ancillary grid services to the Texas grid, Powin's StackOS platform is designed to provide visibility and control down to the battery cell level. This makes it easy to respond to changing grid conditions in real-time.

These energy storage projects will add both flexibility and resilience to the grid. The storage systems are designed to absorb excess solar or wind energy when demand is low and discharge when energy usage is high. This will ensure the grid can meet growing demand without failing, even during extreme weather events.

About Apex Clean Energy

Apex Clean Energy was founded with a singular focus: to accelerate the shift to clean energy. Through origination, construction, and operation of utility-scale wind, solar, and storage facilities, distributed energy resources, and green fuel technologies, Apex is expanding the renewable frontier across North America. Its mission-driven team of more than 400 professionals uses a data-focused approach and an unrivaled portfolio of projects to create solutions for the world's most innovative and forward-thinking customers.

A climate-resilient grid. Finally Built for a Changing Climate

Powin and Apex's collaboration is significant and could have a big impact on the Energy Reliability Council of Texas (ERCOT) market:

- Helps strengthen & modernize the Texas power grid
- Boosts the grid, adding flexibility and resilience
- The Stack750 Integrated Platform can be procured & deployed in 50 percent less time and also requires 30 percent less space on site
- Powin's system is designed to support more than 200 MWh-AC per acre.

Power you can feel Apex in the Numbers

Power
200MW

Energy
500MWH

COD
MID-2024

Use Case: ERCOT Grid Services

Status/Location:
In construction/ Texas

ABOUT POWIN

Powin is advancing the next frontier of energy and changing the way we power our daily lives by ensuring access to clean, resilient, and affordable power. As a global energy platform provider, we offer fully integrated battery storage solutions, software, and services to optimize grid performance, enabling the transition to cleaner energy sources. Powin has over 15,000 MWh of energy storage systems that have been deployed or are under construction worldwide.



Interested in learning how Powin can help you get a fully integrated battery storage solution?

Reach out to us at
contact@powin.com

To learn more, please visit
www.powin.com