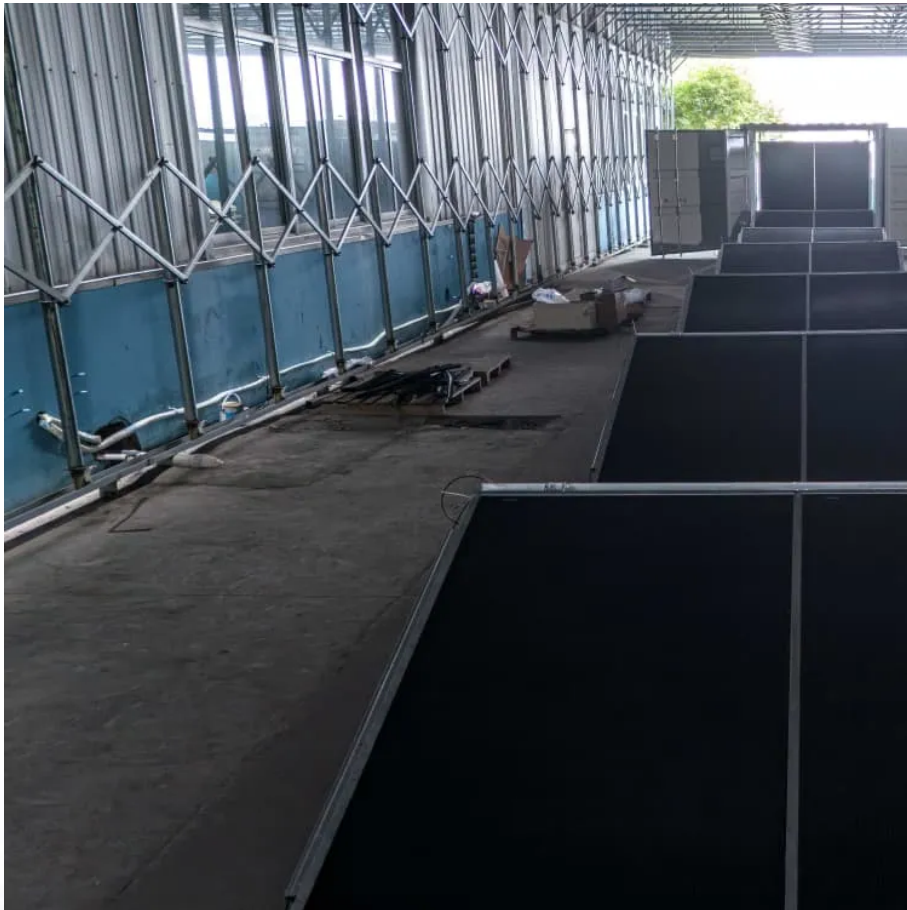


What is the Electric Energy Storage Project





Overview

What is energy storage technology?

Energy storage technology allows for a flexible grid with enhanced reliability and power quality. Due to the rising demand for energy storage, propelled further by the need for renewable energy supply at peak times, energy storage facilities and producers have grown tremendously in recent years.

What are energy storage solutions for electricity generation?

Energy storage solutions for electricity generation include pumped-hydro storage, batteries, flywheels, compressed-air energy storage, hydrogen storage and thermal energy storage components. The ability to store energy can facilitate the integration of clean energy and renewable energy into power grids and real-world, everyday use.

Is electric energy storage a new technology?

Electric energy storage is not new. As far back as 1786, Italian physicists discovered the existence of bioelectricity. In 1799, Italian scientist Alessandro Giuseppe Antonio Anastasio Volta invented modern batteries. In 1836, batteries were used in communication networks.

What is electrical energy storage (EES)?

Is one of the four Conformity Assessment Systems administered by the IEC
The need for electrical energy storage (EES) will increase significantly over the coming years. With the growing penetration of wind and solar, surplus energy could be captured to help reduce generation costs and increase energy supply.



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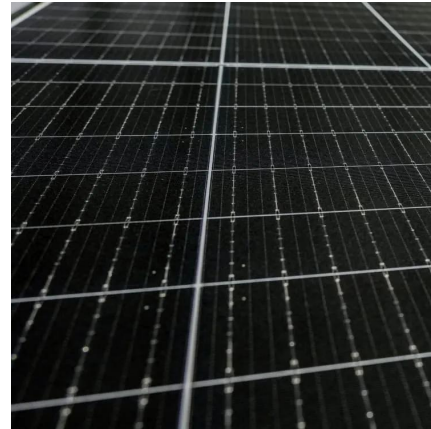
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