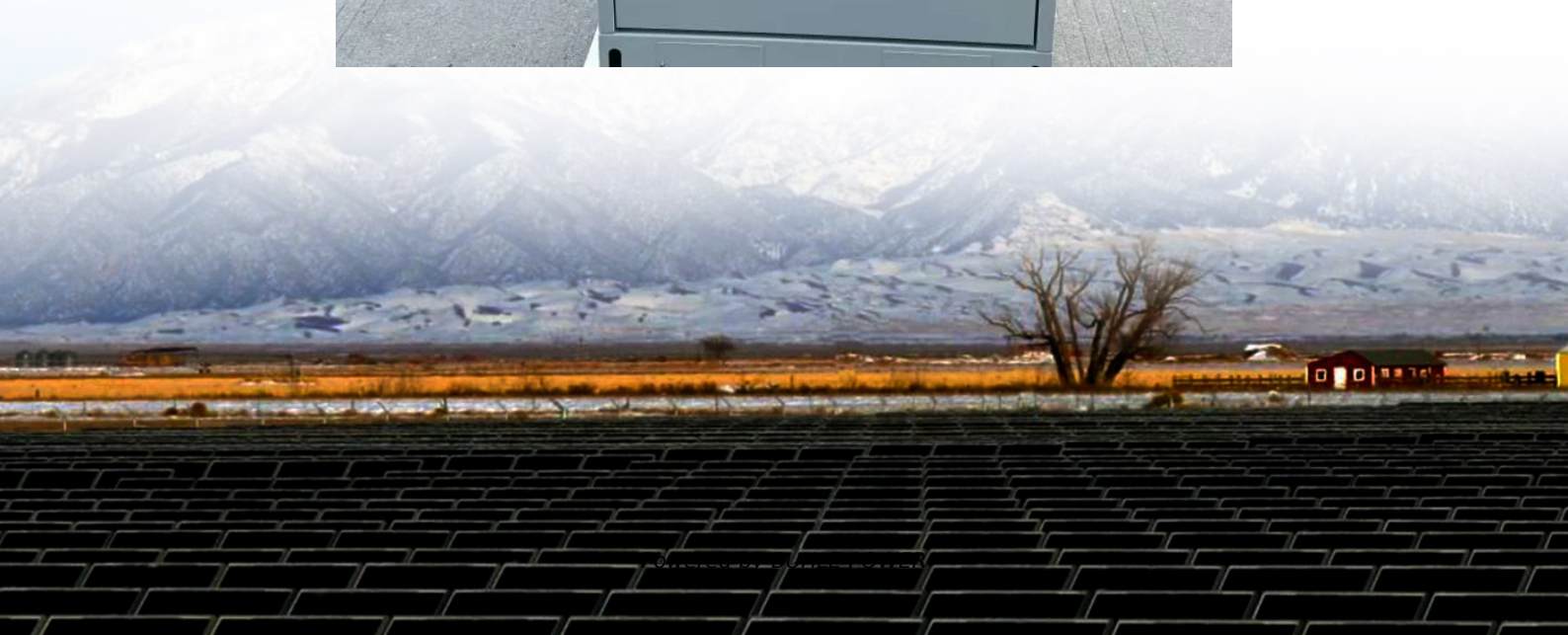


Abu Dhabi Base Station Energy Storage





Overview

The project, unveiled during Abu Dhabi Sustainability Week (ADSW), will provide 1GW of 'round-the-clock' dispatchable power. The facility will be capable of operating 24/7 on renewable energy. Why is UAE launching a solar power and battery storage project?

The launch of the solar power and battery storage project marks a pivotal moment in the clean energy transformation, allowing renewable energy to be dispatched 24 hours a day, seven days a week, reaffirming the UAE's position as a global pioneer in renewable energy deployment.

Where is the Masdar battery project located?

The Masdar battery project will be based in Abu Dhabi at an undisclosed location.

Is the Middle East ready for battery storage?

The Middle East region has been relatively slow in its adoption of battery storage compared to more mature markets like China and the US. However, it is predicted to rapidly catch up based on policy announcements such as Saudi Arabia's Vision 2030 strategy.

What is EWEC doing in Abu Dhabi?

Located in Abu Dhabi, the project will feature a 5.2 gigawatt DC solar photovoltaic plant, coupled with a 19 gigawatt-hour battery energy storage system, setting a global benchmark in clean energy innovation. "In collaboration with EWEC and our partners, we will develop a renewable energy facility capable of providing clean energy round the clock.



Abu Dhabi Base Station Energy Storage



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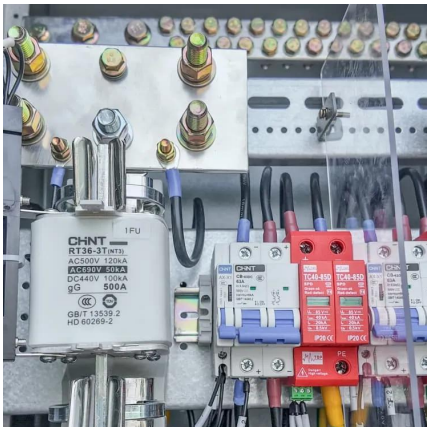
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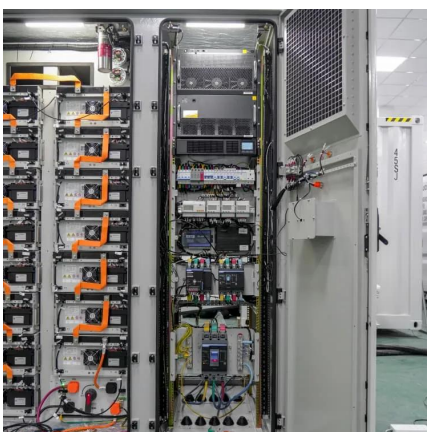
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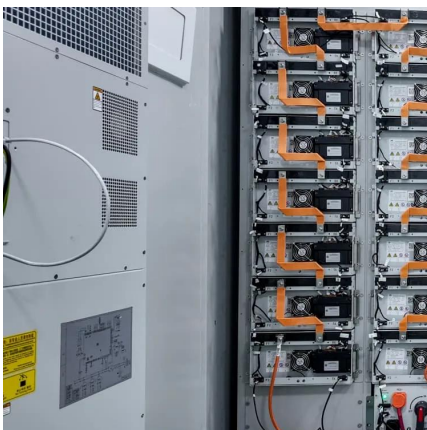


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Citation: IRENA (2020), Innovation landscape brief: Innovative operation of pumped hydropower storage, International Renewable Energy Agency, Abu Dhabi.



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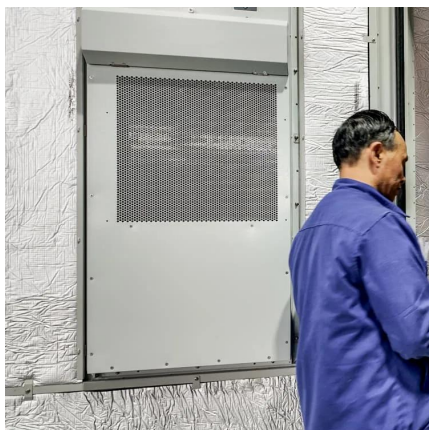


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