

Bahrain home solar energy storage





Overview

Will a solar power plant accelerate Bahrain's energy transition via Saudi Arabia?

The 2.8 GW solar plant accelerates Bahrain's energy transition via Saudi Arabia. ACWA Power and Bapco Energies have inked an agreement for the development of a solar power plant with large-scale battery energy storage system in the Eastern Province of the Kingdom of Saudi Arabia.

What does BAPCO energy do for Bahrain?

The project forms part of Bapco Energies' commitment to the Bahrain National Energy Strategy, focusing on improving energy demand efficiency, diversifying the national energy mix, including renewables and ensuring secure and competitive access to energy. The 2.8 GW solar plant accelerates Bahrain's energy transition via Saudi Arabia.

Is solar energy suitable for Bahrain?

Bahrain has the opportunity to use solar energy, as it receives an estimated solar radiation of 6 kWh/m²/day (Alnaser et al., 2014). The country's global horizontal irradiance is 2160 kWh/m²/year, while direct normal radiation is 2050 kWh/m²/year (IRENA, 2014).



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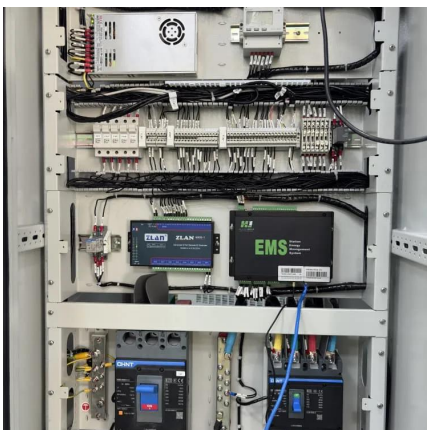
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