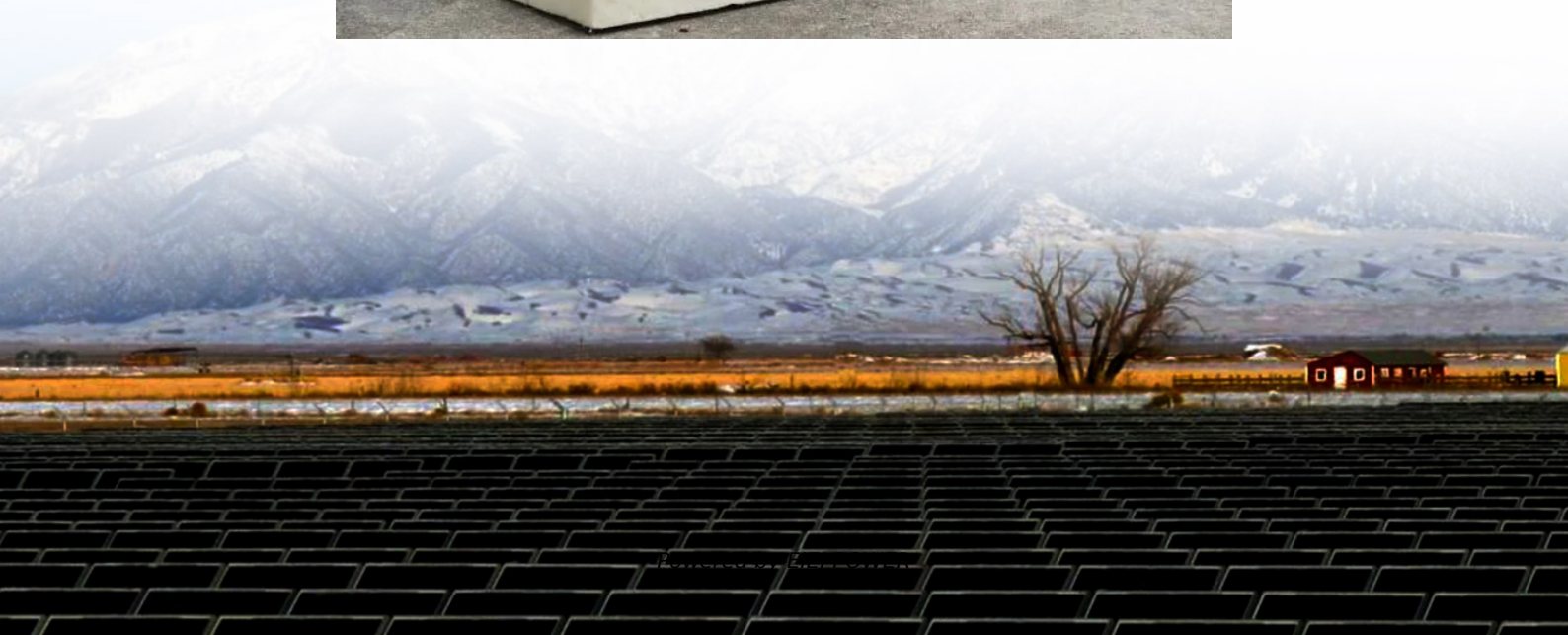


Egypt Solar Power System





Overview

Does Egypt have a solar plan?

In 2012, the Egyptian government approved the Egyptian Solar Plan, which includes adding 3.75 GW of solar energy by 2027: -3 GW concentrating solar thermal power (CSP) and 750 MW photovoltaics (PV). The Ministry of Electricity and Renewable Energy has signed nine MOUs worth \$600 million for solar and wind projects in Egypt.

Does Egypt have a solar energy grid?

Egypt connected a large solar energy capacity to the grid over the past few years. Most of this capacity is from large-scale ground-mounted projects. However, several grid-connected small-scale solar system projects are also connected to the grid.

How does solar energy work in Egypt?

Solar photovoltaic (PV) energy or PV solar energy directly converts sunlight into electricity, using a technology based on the photovoltaic effect. The Egyptian solar PV market is segmented by deployment. By deployment, the market is segmented into on-grid and off-grid.

Does Egypt have solar power?

Egypt's Solar Atlas states Egypt is considered a "sun belt" country with 2,000 to 3,200 kWh/m²/year of direct solar radiation. The sun shines 10-12 hours a day from north to south with few cloudy days. The first solar thermal power plant was built in 2011 in Kuraymat.



Egypt Solar Power System

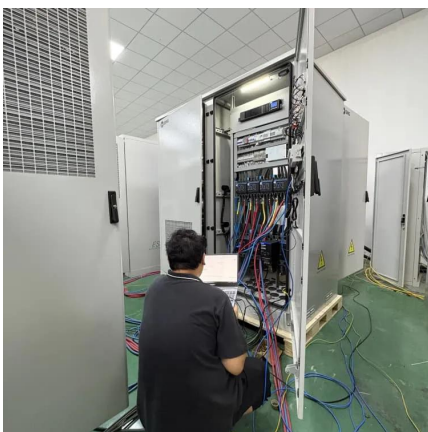


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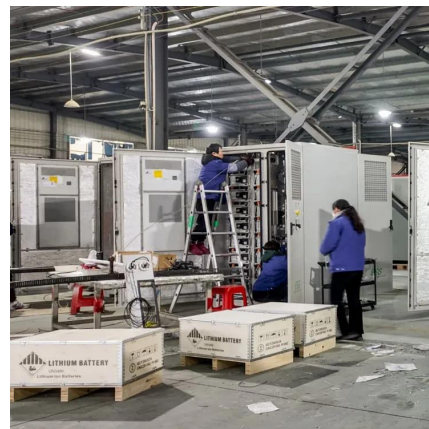
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