

Expected ROI of hybrid solar storage project in Egypt 2025

What is a hybrid energy project in Egypt?

It will be one of the first hybrid renewable energy projects in Egypt and is expected to serve as a pilot for uptake of the technology in the country. The project will support the green energy transition in Egypt while helping keep the grid stable and reliable in the face of growing electricity demand.

Could battery storage be a game-changer for Egypt's energy sector?

The integration of battery storage with solar PV is a game-changer for Egypt's energy sector, providing reliable and dispatchable renewable energy and reducing reliance on fossil fuels. It not only meets Egypt's current energy needs but also sets a precedent for future dispatchable hybrid renewable energy projects in the region."

How does solar power work in Egypt?

It takes Egypt's green energy transition to another level by harnessing the power of the sun, not just during the day but also at night, thanks to the combination of solar and battery storage. The project addresses the growing demand for electricity and reduces the need to import expensive fossil fuels.

How does the EBRD invest in Egypt?

The EBRD's areas of investment in Egypt include the financial sector, agribusiness and manufacturing and services, as well as infrastructure projects in the power, municipal water and wastewater service sectors, and contributions to upgrading the transport sector.

Scatec ASA has officially commenced construction on its landmark 1.1 GW Obelisk solar power project in Egypt, which includes an integrated 100 MW/200 MWh battery ...

Norway's Scatec has commenced construction of its 1.1 gigawatt (GW) Obelisk solar and 100 megawatts (MW)/200 megawatt-hours (MWh) battery storage project in Egypt, marking the Arab country's first large-scale hybrid ...

Solar Plus Storage Egypt's move toward hybrid solar and storage projects mirrors a growing global trend. According to the International Energy Agency (IEA), battery storage capacity worldwide is expected to grow ...

The loan will finance the construction of a 1 GWac solar plant and 200 MWh battery storage system in Nagaa Hammadi, Egypt. This project, part of Egypt's Nexus on Water, Food, and Energy initiative, aims to reduce ...

Oslo/Cairo, 15 June 2025: Scatec ASA has reached financial close for the "Obelisk" hybrid solar and battery storage project in Egypt. The non-recourse project financing comprises USD 479.1 million provided by the European Bank ...

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Scatec ASA has commenced construction of its 1.1 GW Obelisk solar and 100 MW/200 MWh battery storage project in Egypt, the energy generated from the facility to be ...

The 200 MWh storage system will provide crucial grid services in Upper Egypt, a region that has historically suffered from weaker transmission infrastructure. The project is backed by a 25-year power purchase agreement ...

Norwegian renewable energy developer Scatec has initiated construction on a 1.1 GW solar and 100 MW/200 MWh battery storage project in Egypt. This development, located in ...

Norway's renewable energy producer Scatec will begin work on Egypt's first hybrid solar power and battery storage project in the first half of 2025. The company has signed a US dollar-denominated 25-year power purchase ...

The funding will support the development of a 1 GWac photovoltaic solar plant integrated with a 200 MWh battery energy storage system (BESS) in Nagaa Hammadi. Once ...

Scatec ASA has commenced construction of its 1.1 GW Obelisk solar and 100 MW/200 MWh battery storage project in Egypt. The energy will be sold under a USD ...

Cairo, Egypt -- Egypt's first integrated solar and battery storage plant will deliver dispatchable clean energy, enhance grid stability, and manage peak demand. It is expected to ...

The project's scale and hybrid design position Egypt as a leader in North Africa for solar-plus-storage technology, potentially catalysing similar projects regionally. It ...

The project is expected to reduce Egypt's CO2 emissions by 1,357,000 tonnes per year. Egypt is a founding member of the EBRD. Since the start of the Bank's operations in ...

12 September, Cairo/Oslo: Scatec ASA has signed a USD denominated 25-year power purchase agreement (PPA) with Egyptian Electricity Transmission Company (EETC) for a 1 GW solar ...

Egypt's move toward hybrid solar and storage projects mirrors a growing global trend. According to the International Energy Agency (IEA), battery storage capacity worldwide is expected to grow by over 35% annually through 2030, ...

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