



MODERNIZATION SOLAR

# Egypt Energy Storage Valley Project





## Overview

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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 many MW solar & battery storage will be built in 2026?

The project will be constructed in two phases. The first phase of 561 MW solar + 100 MW/200 MWh battery storage is targeted to reach commercial operational date (COD) in the first half of 2026 and the second phase of 564 MW solar in the second half of 2026.

Will Egypt achieve 42 percent of renewables by 2030?

Egypt aims to reach 42 per cent of renewables in its power mix by 2030. The solar power plant is expected to generate approximately 3,000 GWh per year of additional renewable power, which will enhance grid stability and manage peak demand. It will also reduce carbon dioxide emissions by up to 1.4 million metric tonnes annually.



## Egypt Energy Storage Valley Project



### [Egypt solar energy: Impressive 1.2GW Storage Deal Boost](#)

Dec 8, 2025 · The multi-location solar project will not only dramatically increase the country's renewable energy capacity but also accelerate its transition to a sustainable, low-carbon ...

### [EBRD Backs 1 GW Solar-Plus-Storage Project in Egypt With ...](#)

May 15, 2025 · The EBRD has provided a \$30 million equity bridge loan for Egypt's first major hybrid renewable energy project in Nagaa Hammadi, combining 1.1 GW of solar power with a ...

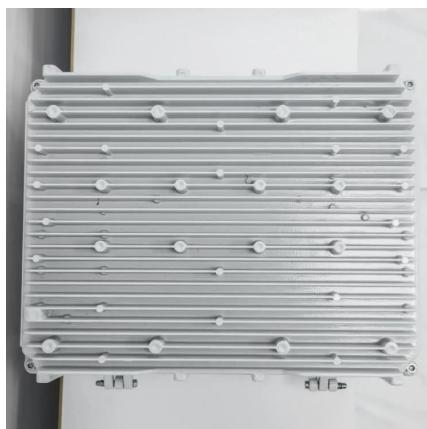


### [Egypt's 1GW / 200MWh solar-plus-storage ...](#)

May 13, 2025 · The European Bank for Reconstruction and Development (EBRD) has provided a US\$30 million equity bridge loan to support ...

### [Scatec starts construction of large scale solar ...](#)

Oslo/Cairo, 05 May 2025: Scatec ASA has commenced construction of its 1.1 GW Obelisk solar and 100 MW/200 MWh battery storage project in Egypt. ...



## **EDF Power Solutions to take 20% stake in Scatec solar-storage project**

6 days ago · Oslo-based Scatec ASA says it will retain majority ownership in Egypt's 1.1 GW solar and 100 MW/200 MWh Obelisk project, with EDF Power Solutions taking 20% and Norfund 25%.



## **EDF power solutions joins a 1.1GW "solar+battery" project in Egypt**

5 days ago · This project will provide competitive electricity to the Egyptian grid through a 25-year Power Purchase Agreement (PPA). It supports Egypt's ambition to reach 42GW of renewable ...



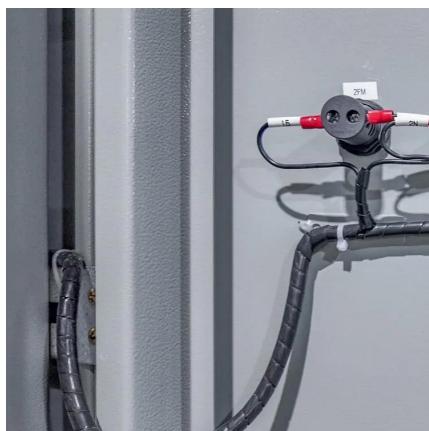
## **Scatec starts construction of large scale solar and battery storage**

Oslo/Cairo, 05 May 2025: 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 ...



## **EBRD, AFDB and BII support pioneering solar and battery storage project**

Jun 15, 2025 · Egypt's first integrated solar and battery storage plant will deliver dispatchable clean energy, enhance grid stability and manage peak demand Part of the loan will benefit ...



### [EBRD, AFDB and BII support pioneering solar ...](#)

Jun 15, 2025 · Egypt's first integrated solar and battery storage plant will deliver dispatchable clean energy, enhance grid stability and manage ...



## [Egypt Signs 1.2GW Solar-Plus-Storage Project Agreement](#)

Nov 19, 2025 · Egypt's Minister of Electricity, Mahmoud Esmat, stated during the signing ceremony that the project's large-scale energy storage facilities will effectively enhance the ...



### [BII support strengthens Egypt's clean energy shift](#)

Dec 6, 2025 · Backed by British International Investment, Egypt's first utility-scale hybrid solar and battery development has taken a decisive step forward as the country works to accelerate its ...



## Egypt's 1GW / 200MWh solar-plus-storage project secures ...

May 13, 2025 · The European Bank for Reconstruction and Development (EBRD) has provided a US\$30 million equity bridge loan to support Egypt's first major hybrid renewable energy ...



## 150MW/300MWh! Egypt's Largest Standalone Energy Storage Project

Jul 7, 2025 · The project is located in the Kom Ombo area of Aswan, Egypt, and was built as an expansion of an existing 500 MW PV power plant. The energy storage station has a capacity ...

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