

# Egypt s first wind solar and energy storage power generation project





## Overview

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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.

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.

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 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.



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### Egypt Scales Up Wind and Solar Capacity

1 day ago · The wind project, positioned to be among Egypt's largest, aligns with the country's renewable energy commitments under its national energy strategy. It contributes to expanding ...

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### 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. ...

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### 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 ...

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### Egypt's Pioneering Solar and Battery Storage Project Secures ...

Jun 17, 2025 · The global push for clean energy has found a significant new champion in Egypt, with the announcement of a landmark US\$479.1 million loan for the nation's first integrated ...

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### Egypt's Renewable Energy Buildout Continues as First Utility ...

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### Egypt Commits to Green Energy With Major ...

Jul 1, 2025 · Additionally, expanding solar and wind capacity is expected to cut carbon emissions, improve air quality, and strengthen energy security ...

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### 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 ...

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### 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 ...

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### Egypt's Solar Power Leap: \$479M Investment Fuels Green Energy

Jun 17, 2025 · Upon completion, this will be Egypt's first large-scale integrated solar and battery storage project, aligning with the country's goal of achieving 42% renewable energy in its ...

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### Egypt Commits to Green Energy With Major Solar and Wind ...



Jul 1, 2025 · Additionally, expanding solar and wind capacity is expected to cut carbon emissions, improve air quality, and strengthen energy security by curbing reliance on fossil fuel imports, ...

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

5 days ago · PARIS, Dec. 9, 2025 /PRNewswire/ -- EDF power solutions enters Obelisk, a hybrid project located in Egypt combining a 1.1GW solar plant and a 100MW/200MWh battery storage ...

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EBRD backs 1 GW solar-plus-storage project in Egypt with ...

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