

Egypt Wind Power Energy Storage Project





Overview

Will Egypt add 150 MW to the Red Sea Wind Farm?

ENGIE has just received final approval from the Egyptian government to add 150 MW of capacity to the Red Sea Wind Energy (RSWE) wind farm currently under construction, which will be Africa's largest onshore wind farm once commissioned. The challenge?

To build the additional 150 MW within the original project deadline.

What is the wind energy potential in Egypt?

The first survey to assess the wind energy potential in Egypt used 20-year old data from 15 different locations to estimate the wind energy density at 25 m height and the mean wind power density . It estimated the magnitude of the wind energy density to be in the range 31–500 kWh/m² /year and the power density in the range of 30–467 W/m².

Is ENGIE building a wind farm in Egypt?

In Egypt, ENGIE is currently building Red Sea Wind Energy, the future largest onshore wind farm of Africa, within budget and ahead of schedule.

Can Egypt reach 42% of renewable electricity by 2030?

A challenge taken up by the teams. Onshore wind power represents a significant lever in the Egyptian government's ambition of reaching 42% of renewable electricity in the country by 2030. In regions like the Gulf of Suez, wind speeds exceed 9 meters per second*, ideal conditions for the development of large-scale wind farms.



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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 ...

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%.

Egypt: + 150 MW of onshore wind power in ...

Jan 17, 2025 · ENGIE has just received final approval from the Egyptian government to add 150 MW of capacity to the Red Sea Wind Energy ...

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 ...

Egypt Advances Clean Energy Strategy with Landmark Storage ...

Aug 10, 2025 · The discussion centered on plans to establish Egypt's first stand-alone energy storage plants. These plants are designed to optimize the use of renewable energy and ...

Scatec signs equity partnership agreements for Obelisk in Egypt

Dec 8, 2025 · Oslo/Cairo, 08 December: Scatec ASA, a leading renewable energy solutions provider, has signed shareholder agreements with Norfund, the Norwegian investment fund for ...

Egypt: + 150 MW of onshore wind power in record time

Jan 17, 2025 · ENGIE has just received final approval from the Egyptian government to add 150 MW of capacity to the Red Sea Wind Energy (RSWE) wind farm currently under construction, ...

Scatec signs PPA for 900MW wind project in ...

Jun 16, 2025 · Scatec has entered a 25-year power purchase agreement (PPA) with the Egyptian Electricity Transmission Company (EETC) for 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 ...



Scatec signs PPA for 900MW wind project in Egypt

Jun 16, 2025 · Scatec has entered a 25-year power purchase agreement (PPA) with the Egyptian Electricity Transmission Company (EETC) for the 900MW Shadwan wind power project. The ...

Egypt's Renewable Energy Buildout Continues ...

Oct 1, 2025 · Officials said the project is Egypt's first utility-scale integrated solar and storage installation. Trina Storage supplied its advanced ...

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 ...

Scatec signs equity partnership agreements ...

Dec 8, 2025 · Oslo/Cairo, 08 December: Scatec ASA, a leading renewable energy solutions provider, has signed shareholder agreements with ...

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

Oct 1, 2025 · Officials said the project is Egypt's first utility-scale integrated solar and storage installation. Trina Storage supplied its advanced Elementa 2 platform for the project.

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