

Egypt Science and Technology Industrial Park Energy Storage Project





Overview

Recently, the Kom Ombo 500 MW PV Expansion and 300 MWh Energy Storage Project—Egypt's largest standalone energy storage project, surveyed and designed by the Southwest Electric Power Design Institute Co., Ltd. of China Power Engineering Consulting Group—was put into commercial operation, marking a new stage in Egypt's new energy development. Will Egypt build a solar and battery storage hybrid project?

The energy project will encompass a 1GW solar and 100MW/200MWh battery storage hybrid project, the first of its kind in Egypt. Construction on a solar and battery storage hybrid project in Egypt is set for the first half of 2025.

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.

What is Scatec's new integrated power plant?

The integrated power plant will be developed by Scatec, a leading renewable energy solutions provider, and built in two phases. The first phase, with 561 MW of solar and 100 MW/200 MWh of battery storage, aims to start operations in the first half of 2026. The second phase, with 564 MW of solar, aims to start operations in the second half of 2026.



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Sineng Electric Empowers Egypt's 150MW/300MWh Energy Storage Project ...

Sep 29, 2025 · Located in Kom Ombo, Aswan Governorate, the project is part of a 500MW solar park and represents Egypt's first grid-connected, utility-scale battery energy storage system, ...

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 ...

Egypt's First Solar and Battery Storage Project ...

May 13, 2025 · The European Bank for Reconstruction and Development (EBRD) is supporting Egypt's renewable-energy sector by providing a ...

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 ...

Major Renewable Energy Projects in Egypt

Companies operating in Benban include Infinity (Egypt), El Sewedy Electric (Egypt), TBEA Sunoasis (China), Scatec Solar (Norway), Ib Vogt (Germany), EDF Energies Nouvelles ...

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.

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 ...

Energy storage systems impact on Egypt's future energy mix ...

Aug 1, 2024 · High renewable energy penetration targets cannot be achieved without more reliance on energy storage technologies. This study provides a long-term tec...

Biggest Solar Energy and Wind Projects in Egypt

Jul 28, 2023 · Egypt aims to generate 42% of its electricity from renewable sources by 2035. and the country's wind energy and solar potential is ...

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 ...



Egypt Expands Renewable Energy with Solar and Storage ...

Mar 17, 2025 · Egypt Aluminium is the largest industrial electricity consumer in Egypt. The solar and storage project will help the company reduce its carbon emissions and meet the European ...

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. ...

Egypt set for 1.1 GWh of battery storage ...

Sep 13, 2024 · Dubai-based developer Amea Power has agreed to build a 1 GW solar plant with a 600 MWh battery energy storage system (BESS) ...

Industrial park energy storage cairo

Does Scatec have a solar project in Egypt? In a separate announcement, Norway's Scatec said it had signed a 25-year PPA with Egyptian Electricity Transmission Co. (EETC) for a 1 GW solar ...

Egypt: Solar energy, battery storage facility to ...

Sep 19, 2024 · The energy project will encompass a 1GW solar and 100MW/200MWh battery storage hybrid project, the first of its kind in Egypt.

Trinasolar collaborates with Energy China ...

Dec 27, 2024 · Trinasolar has announced a strategic partnership with AMEA Power to supply its cutting-edge Elementa 2 platform (5MWh) for the ...

Scatec signs PPA for large-scale solar-plus ...

Mar 14, 2025 · Norway's Scatec Asa has signed a 25-year power purchase agreement (PPA) with Egypt Aluminium for a 1.1 GW solar plant with 100 ...

Egypt signs letter of intent to join Battery ...

CAIRO - 3 December 2023: Egypt signed a letter of intent to join the Battery Energy Storage Systems Alliance (BESS), which is one of the main ...

Egypt -Electricity and Renewable Energy

Nov 21, 2025 · Overview Egypt possesses an abundance of land, sunny weather, and high wind speeds, making it a prime location for renewable energy projects. The Egyptian government is ...

UK's BII backs Egypt's first solar-plus-storage project

5 days ago · In an interview with Zawya Projects, Sherine Shohdy, Head of Egypt and Regional Director North Africa, British International Investment (BII) said the state-backed institution's ...

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 ...



Cairo industrial park energy storage

CAIRO - 3 December 2023: Norway's Scatec and the Egyptian Electricity Holding Company (EEHC) have signed a cooperation agreement for the first a solar and battery storage project ...

Egypt: Solar energy, battery storage facility to be built next ...

Sep 19, 2024 · The energy project will encompass a 1GW solar and 100MW/200MWh battery storage hybrid project, the first of its kind in Egypt.

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 ...

A Look at China's Energy Storage Industrial ...

Nov 1, 2019 · As a carrier for innovation, incubation, investment management, production services, and product trading, Energy Storage ...

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