

Global PV Storage Insights

Expected ROI of solar diesel hybrid storage project in Egypt 2025



Overview

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 the country in 2012, it has invested more than €13.8 billion in 201 projects across the country.

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The European Bank for Reconstruction and Development (EBRD) is supporting Egypt's renewable-energy sector by providing a US\$ 30 million equity bridge to Obelisk Solar Power, a special purpose vehicle owned by Scatec ASA, a leading global renewable energy developer and a key strategic client for.

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 for Reconstruction and Development (EBRD), African Development Bank.

Scatec has broken ground on Egypt's first major hybrid solar and battery project after securing a \$30 million equity bridge loan from the European Bank for Reconstruction and Development (EBRD). From ESS News The EBRD has provided a \$30 million equity bridge loan to support Egypt's first major.

The Obelisk project in Egypt continues to advance, with new funding from the European Bank for Reconstruction and Development (EBRD). 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.

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The Egyptian Electricity Transmission Company (EETC) has signed power purchase agreements (PPAs) with two renewable energy developers – Scatec and AMEA Power – to advance large-scale solar and battery storage projects in the country. Norwegian renewable energy producer Scatec has secured a 25-year.

Expected ROI of solar diesel hybrid storage project in Egypt 2025



EBRD to Support Egypt's Pioneering Solar and Battery Storage

It will be one of the first hybrid renewable energy projects in Egypt and is expected to serve as a pilot for the uptake of the technology in the country. The project will ...

Scatec starts construction of solar & battery storage project

The company is also in advanced discussions with potential equity partners, expected to conclude in the same timeframe. "We are proud to break ground on Egypt's first ...



Scatec starts constructing large-scale solar, battery ...

Work is underway on a 1.1 GW solar project with 100 MW/200 MWh of accompanying battery energy storage in Egypt. The first phase of the project is scheduled for commercial operation during the

Scatec reaches financial close for the 1.1GW solar

It proves our ability to deliver large-scale hybrid projects. We are proud to partner with leading development finance institutions to support

Egypt's clean energy ambitions, and we look forward to delivering this important ...



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

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 ...

Scatec starts construction of large scale solar and battery storage

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 ...



- IP65/IP55 OUTDOOR CABINET
- ALUMINUM
- OUTDOOR ENERGY STORAGE CABINET
- OUTDOOR MODULE CABINET



Scatec starts construction of large scale solar and battery storage

The company is also in advanced discussions with potential equity partners, expected to conclude in the same timeframe. "We are proud to break ground on Egypt's first ...

Work starts on \$590m hybrid solar power project in Egypt

Norway's Scatec begins construction First phase will generate 561MW Fully operational by 2026 Norwegian renewable energy producer Scatec has started constructing its ...



Lithium battery parameters

Product capacity: 100Ah

Product size: 135*197*35mm

Product weight: 1.82kg

Product voltage: 3.2V

internal resistance: within 0.5



Scatec and Amea Power to Build Landmark Solar +Energy Storage Projects

Scatec has already signed a letter of intent with several development finance institutions and is expected to reach a financial agreement with lenders, with construction of ...

Scatec starts construction of large scale solar and battery

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



Work starts on \$590m hybrid solar power project in ...

Norway's Scatec begins construction First phase will generate 561MW Fully operational by 2026 Norwegian renewable energy producer Scatec has started constructing its \$590 million first hybrid solar power and battery ...

AfDB, BII and EBRD support solar and battery storage project in Egypt

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 ...



Egypt's first hybrid solar project to break ground next ...

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.

Scatec Starts Constructing Large-Scale Solar, Battery Storage Project

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 ...



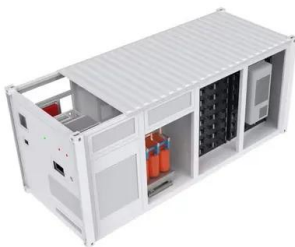
Project Finance Brief: Scatec Secures \$479 Million for Solar and

Scatec, a renewable energy solutions provider, has secured \$479.1 million of non-recourse project financing to develop the Obelisk hybrid solar and battery storage project ...

Scatec Secures \$479 Million for Landmark Obelisk Hybrid Solar ...

...

Scatec, a leading independent power producer (IPP), today announced it has successfully secured US\$479 million in funding for its Obelisk hybrid solar and battery storage ...

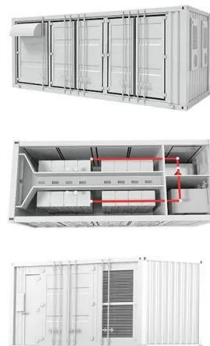


EBRD backs Egypt's first solar and battery storage project

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 ...

EBRD Funds US\$ 30 Million Solar and Storage ...

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 ...



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

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 ...

Scatec Starts Construction Of Large Scale Solar And Battery Storage

The company is also in advanced discussions with potential equity partners, expected to conclude in the same timeframe. "We are proud to break ground on Egypt's first ...



EBRD backs 1 GW solar-plus-storage project in Egypt with \$30 ...

Scatec has broken ground on Egypt's first major hybrid solar and battery project after securing a \$30 million equity bridge loan from the European Bank for Reconstruction and ...

Scatec starts building a big solar and battery storage project in Egypt

Norwegian solar energy company Scatec has started building Obelisk, a project in Egypt with a capacity of 1.1 gigawatts (GW) of solar energy and 100 MW/200 MWh of battery ...



EBRD invests in hybrid solar and storage project in Egypt

The project is expected to reduce Egypt's CO2 emissions by approximately 1.36 million tons annually. It will also serve as a pilot for the integration of hybrid renewable ...

Egypt secures \$479.1 mln for landmark Nagaa Hammadi solar, ...

The project sets a precedent for future hybrid renewable energy investments, reinforcing Egypt's long-term commitment to sustainability.



Design and Analysis of PV-DIESEL Hybrid Power ...

The textbook presents a brief outline of the basic engineering in designing and analysing PV diesel hybrid power systems. The study has been taken from the point of view of introduction

Scatec Locks In \$479M Financing for Egypt's 1.1 GW Solar + 100 ...

Scatec ASA has reached financial close for the "Obelisk" hybrid solar and battery storage project in Egypt. The 1.1 GW solar plus 100 MW/200 MWh battery energy ...



Scatec reaches financial close for the 1.1GW solar

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

PROJECTS: Scatec reaches financial close for Obelisk hybrid solar ...

First published: 15-Jun-2025 19:56:42Staff WriterNorway-headquartered renewable energy company Scatec ASA announced on Sunday that it has reached financial close for the Obelisk ...



Egypt's First Solar and Battery Storage Project Backed by EBRD

It is being developed under the EBRD-led energy pillar of Egypt's Nexus on Water, Food, Energy, which was launched at COP27 in Sharm El Sheikh with the aim of ...

Scatec Secures Financing for Groundbreaking Hybrid ...

A Strategic Vision: The Obelisk project is poised to become Egypt's first integrated solar photovoltaic and battery storage project of this magnitude, ushering in a new era for energy generation in the country.



Ministry of International Cooperation

The report indicated that the first urgent phase of projects (scheduled to be connected before the summer of 2025) will have a total capacity of 3,700 megawatts of solar ...

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

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 project, which has now officially broken ground. ...



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

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 ...

Scatec breaks ground on Egypt's mega hybrid project

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 ...



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