

Expected ROI of hybrid renewable storage project in Egypt 2030





Overview

Discover how Egypt is pioneering renewable energy with its first large-scale solar and battery storage project in Nagaa Hammadi, backed by EBRD and Scatec ASA, aiming to slash emissions and boost energy security.

Discover how Egypt is pioneering renewable energy with its first large-scale solar and battery storage project in Nagaa Hammadi, backed by EBRD and Scatec ASA, aiming to slash emissions and boost energy security.

The European Bank for Reconstruction and Development (EBRD) has stepped up to provide a vital US\$30 million equity bridge to Obelisk Solar Power, a special purpose vehicle owned by global renewables giant Scatec ASA. This investment will help Egypt bring its very first large-scale hybrid solar and.

The European Bank for Reconstruction and Development (EBRD), African Development Bank (AfDB), and British International Investment (BII), the United Kingdom's development finance institution and impact investor, are providing a total of US\$ 479.1 million to Obelisk Solar Power SAE, a.

Current pipeline of projects¹⁰ Targets and ambitions¹⁰ Data centers competing for demand¹² Scenarios to 2030¹² Hydrogen developments in the MENA region¹³ Electrolyzer capacity planned¹⁴ Green hydrogen ambitions to 2030¹⁴ Renewable Energy requirements for green hydrogen¹⁵ Energy storage in the MENA.

The project by Scatec will combine solar power generation with battery storage to boost Egypt's clean energy capacity and vision The 1 GW solar plant with a 100 MW/200 MWh battery energy storage system (BESS) will be the first of its kind in Egypt Scatec ASA, a Norwegian renewable energy firm, has.

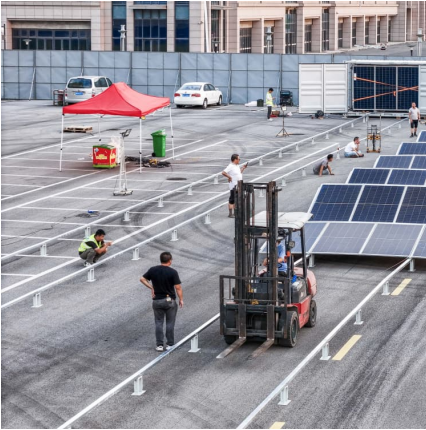
The European Bank for Reconstruction and Development (EBRD) has stepped up to provide a vital US\$30 million equity bridge to Obelisk Solar Power, a special purpose vehicle owned by global renewables giant Scatec ASA. This investment will help Egypt bring its very first large-scale hybrid solar and.



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 the.



Expected ROI of hybrid renewable storage project in Egypt 2030



[Egypt Lights the Way with EBRD Funded Solar and ...](#)

Solar Plus Storage Egypt's move toward hybrid solar and storage projects mirrors a growing global trend. According to the International Energy Agency (IEA), battery storage capacity worldwide is expected to grow ...

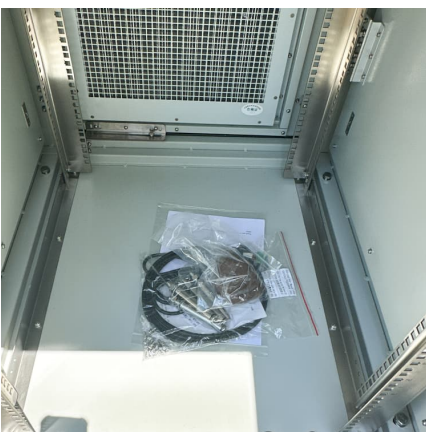
[Middle East Distributed Energy Generation Market, 2033](#)

1 ???· Opportunities in the market lie in expanding rooftop solar programs, community microgrids, and hybrid renewable-plus-storage projects designed to meet local consumption ...



[Egypt Lights the Way with EBRD Funded Solar and ...](#)

According to the International Energy Agency (IEA), battery storage capacity worldwide is expected to grow by over 35% annually through 2030, driven by the need to balance intermittent renewable energy sources like solar and wind.



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

The 200 MWh storage system will provide crucial grid services in Upper Egypt, a region that has historically suffered from weaker transmission

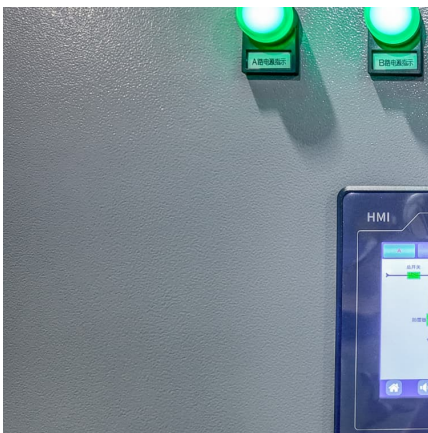


infrastructure. The project is backed by a 25 ...



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

Abstract High renewable energy penetration targets cannot be achieved without more reliance on energy storage technologies. This study provides a long-term techno ...



Multilateral lenders commit nearly \$480 million to Egypt's largest

Upon completion, the Obelisk project will be the first of its scale in Egypt to integrate utility-scale battery storage, positioning the country to meet its target of 42 per cent ...



Brief review on Egypt's renewable energy current status and ...

A review of Egypt's renewable energy projects was conducted, with detailed and comprehensive specifications of the green technologies in operation for hydroelectric, solar, ...





[EBRD Funds Egypt Solar & Battery Storage Project](#)

Pioneering Hybrid Renewable Energy This project stands out as one of Egypt's first hybrid renewable energy ventures, integrating solar power generation with substantial ...



CEEC Largest Integrated Solar and Energy Storage Power Plant in Egypt

The Benban solar and storage hybrid power plant in Egypt is an independent power project developed and invested by AMEA Power. Located in the Benban area in ...

Scatec Reaches Egypt's Obelisk Hybrid Solar and BESS Project ...

Egypt has ambitious goals of attaining 42 per cent of renewables in its power mix by 2030. The solar power plant is expected to produce roughly 3,000 GWh annually of ...



[Renewables, Hydrogen and Energy Storage Insights 2030](#)

The Kingdom of Saudi Arabia (KSA) is fast catching up with early pioneers of the energy transition, such as Morocco, the UAE, Jordan, Oman and Egypt. In this context, KSA is ...



Energy Pillar

Energy Pillar Vision An energy sector meeting national sustainable development requirements and maximizing the efficient use of various traditional and renewable resources contributing to ...

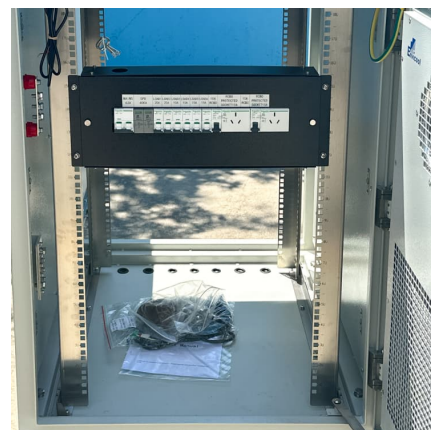


[EBRD provides \\$30 mln for Scatec's Obelisk solar ...](#)

The project will be one of Egypt's first hybrid renewable energy installations, serving as a pilot for broader adoption of battery-integrated solar.

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 ...





[Ministry of International Cooperation](#)

The importance of this project lies in strengthening the unified grid to absorb the expected renewable energy capacities, therefore contributing to solving the electricity outage ...

EBRD backs Egypt's first solar and battery storage project

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



[Scatec signs landmark 25-year PPA for Egypt's first ...](#)

The project by Scatec will combine solar power generation with battery storage to boost Egypt's clean energy capacity and vision . Scatec signs landmark 25-year PPA for Egypt's first hybrid solar and battery storage project ...

Abydos Phase II Solar-Storage Project to Advance RE in Egypt

Madbouly encouraged Chinese companies to expand their renewable energy investments in Egypt, particularly in line with Vision 2030, which seeks to enhance energy ...



Comprehensive Review on Renewable Energy Sources in Egypt...

The development of the energy sector in Egypt is considered an urgent issue due to the rapid population rise rate. In particular, renewable energy sources (RESs) applications ...



[EBRD confirms backing for Scatec's 1-GW solar ...](#)

The Obelisk project will create one of the first hybrid renewable energy sites in Egypt and is expected to serve as a pilot for the technology's uptake in the country, according to EBRD. Under the plan, the photovoltaic ...



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 ...





EBRD confirms backing for Scatec's 1-GW solar-storage project in Egypt

The Obelisk project will create one of the first hybrid renewable energy sites in Egypt and is expected to serve as a pilot for the technology's uptake in the country, according ...



[MENA Solar and Renewable Energy Report](#)

Global Investment in Renewable Energy (USD Billion) Investments in storage solutions, grid Interconnectivities and CSP, considered to have greater priorities recently. It is expected that ...

[Implementing Renewable Energy in Egypt: State of...](#)

International organizations and national governments are keen to achieve sustainable development based on renewable energy sources and systems such as solar energy, wind energy, biomass



[Scatec signs landmark 25-year PPA for Egypt's first ...](#)

The project, which will combine solar power generation with battery storage, is expected to play a crucial role in boosting Egypt's clean energy capacity and vision.



EBRD, AfDB & BII Back Egypt's 1.1 GW Solar and Battery ...

The project is expected to generate significant economic benefits, including \$73 million in direct economic impact over the first 20 years of operations. In addition, it will help Egypt reduce ...



[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. ...

Scatec reaches financial close for Obelisk hybrid solar and BESS

Norway-headquartered renewable energy company Scatec ASA announced on Sunday that it has reached financial close for the Obelisk hybrid solar and Battery Energy ...





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 ...

Egypt Secures \$600 Million Funding for Massive 1.1 GW Solar Project

On June 15, 2025, Egypt and Norwegian renewable energy developer Scatec announced the financial close on "Obelisk" - a landmark \$600 million hybrid solar and battery storage project ...



[Egypt Lights the Way with EBRD Funded Solar and ...](#)

Discover how Egypt is pioneering renewable energy with its first large-scale solar and battery storage project in Nagaa Hammadi, backed by EBRD and Scatec ASA, aiming to slash emissions and boost energy security.



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.conrad.edu.pl>