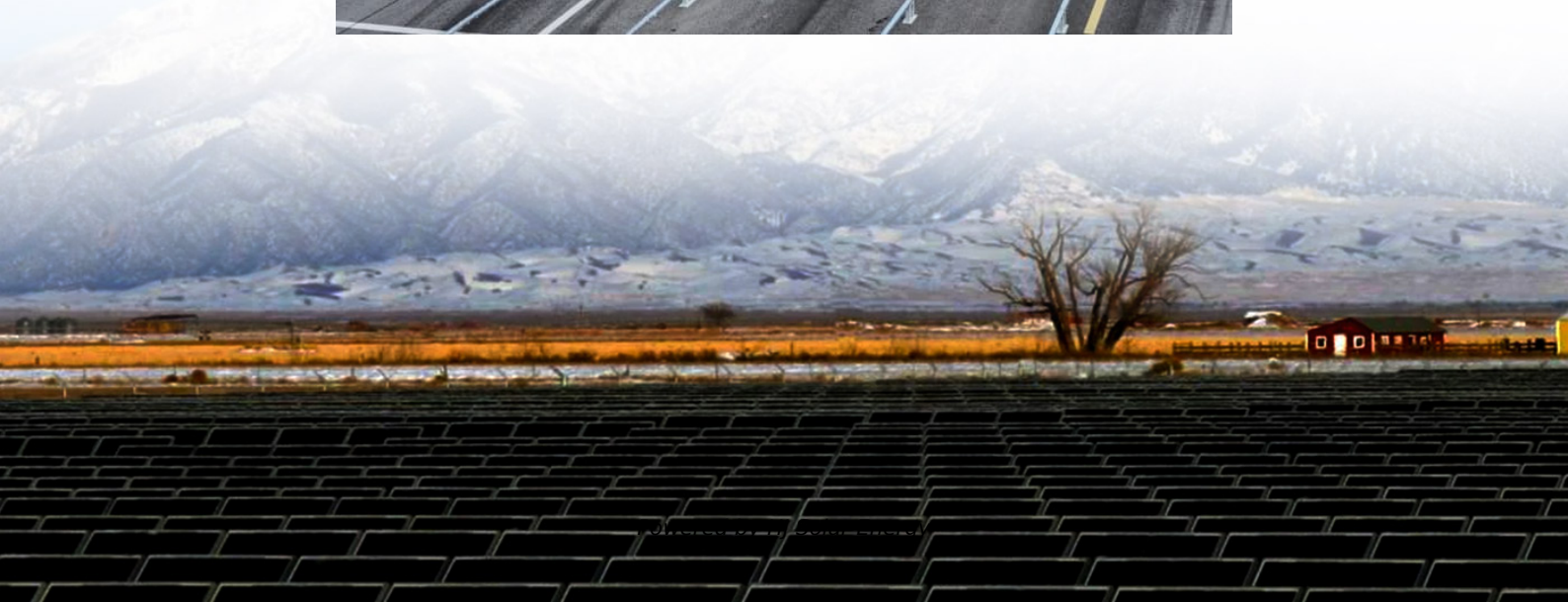


# Expected ROI of solar storage container project in Egypt 2025





## Overview

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On completion, it will be the first integrated solar photovoltaic and battery storage project of this scale in Egypt, and a significant milestone in the country's energy transition.

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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.

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-denominated 25-year Power Purchase Agreement (PPA) with the Egyptian Electricity Transmission Company (EETC), backed by.

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. The project combines large-scale solar with battery storage capabilities. Norwegian.

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.

Scatec, a Norwegian leader in renewable energy solutions, has officially commenced construction on its ambitious 1.1 GW Obelisk solar project coupled with a 100 MW/200 MWh battery energy storage system (BESS) in Egypt. This project marks a significant milestone as it represents the country's first.



Exciting news is coming out of Egypt as Scatec ASA hits a major milestone with the financial close of its “Obelisk” hybrid solar and battery storage project. This landmark venture is set to make waves in the renewable energy sector, marking a pivotal step forward for sustainable energy in Africa. How can solar power and battery storage improve grid stability?

The combination of solar power generation and battery storage presents numerous advantages for energy management and reliability. By integrating these technologies, Scatec is set to enhance grid stability while addressing fluctuations associated with variable renewable resources like solar energy.

What is Scatec – Egypt's first hybrid solar & battery project?

This project marks a significant milestone as it represents the country’s first hybrid solar and battery initiative. With an investment of approximately USD 590 million, Scatec aims to boost Egypt’s renewable energy capacity, contributing to the nation’s sustainability goals.

What is the obelisk solar and battery storage project?

The project is set to unfold in two phases, with the first phase targeting completion by mid-2026. The Obelisk solar and battery storage project will be developed in two distinct phases. The initial phase encompasses the installation of a 561 MW solar plant alongside a BESS capable of storing 100 MW/200 MWh of electricity.



## Expected ROI of solar storage container project in Egypt 2025

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### **Egypt Expands Renewable Energy with Solar and Storage Projects**

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 ...

### **Egypt Signs PPAs for Large-Scale Solar, Battery Projects**

Norwegian renewable energy producer Scatec has secured a 25-year PPA with the EETC for a 1 GW solar power plant and a 100 MW/200 MWh battery energy storage ...



### **Scatec Secures \$479 Million for Solar and Storage Project in Egypt**

The first phase consists of a 561 MW solar + 100 MW/200 MWh battery storage system and is expected to reach commercial operational date in the first half of 2026. The ...

### **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. The company has signed a US dollar-denominated 25-year power purchase ...



### **150MW/300MWh! Egypt's Largest Standalone Energy Storage Project**

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 ...

### [Solar & Storage Live MENA 2024 \(Cairo\)](#)

Solar & Storage Live MENA is the region's leading conference and exhibition for renewable energy. An event that united all stakeholders - utilities, IP. Solar & Storage Live MENA 2024 is held in (Cairo), Egypt, from 5/29/2024 to ...



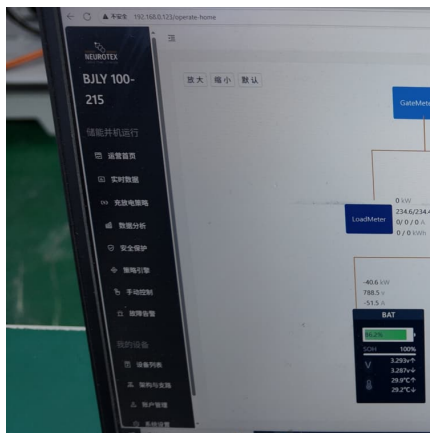
### **Scatec starts construction of large scale solar and battery storage**

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 ...



### Solar & Storage Live Egypt 2026 , New Cairo

What is Solar & Storage Live Egypt? Solar & Storage Live Egypt is Egypt's largest renewable energy exhibition that celebrates the technologies at the forefront of the transition to a greener, ...



### **solar & storage live Egypt-2025**

Solar & Storage Live Egypt is the definitive event that brings all these elements together, under one roof - new technology, new efficiencies, new thinking, and best practices in the industry. ...

### **Solar Energy Storage Container Prices in 2025: Costs, ...**

The article below will go in-depth into the cost of solar energy storage containers, its key drivers of cost, technological advancements, and real-world applications in various industries such as ...



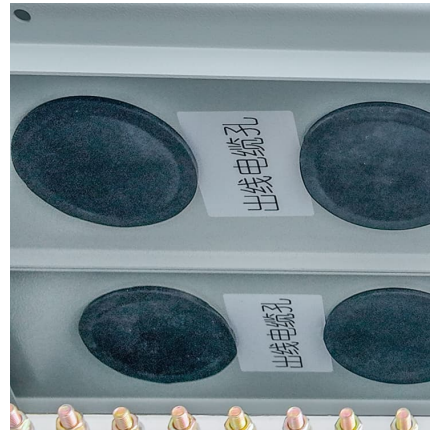
### **Egypt: AfDB Approves \$184.1 Million for Africa's Largest Solar ...**

The project, expected to be fully operational by the third quarter of 2026, will generate an estimated 2,772 gigawatt-hours of clean, reliable, and affordable energy annually ...



## 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 ...

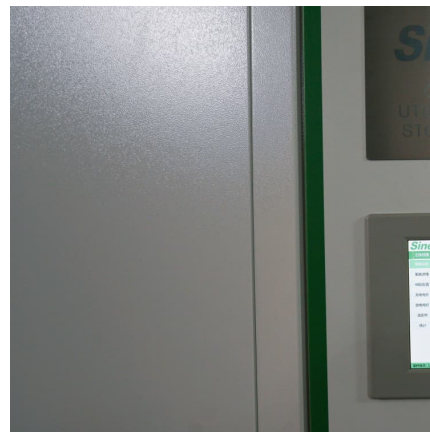


### [Discover Cutting-Edge Solar and Storage Innovations ...](#)

One of the most exciting projects under Trinasolar's belt is the collaboration with AMEA Power on the Abydos Battery Energy Storage Project in Aswan. This ambitious initiative marks Africa's largest solar PV development ...

### [Egypt Commits to Green Energy With Major Solar and ...](#)

The transition is also expected to have a positive impact on Egypt's labor market. Past experience with similar projects in Egypt, such as the Benban Solar Park, has shown that renewable energy investments can ...



### [AMEA Power Commissions Landmark 500MW Solar ...](#)

In September 2024, AMEA Power was awarded two additional groundbreaking projects in Egypt. The first, a 1,000MW solar PV with a 600MWh battery energy storage system (BESS), which will be the largest ...



### BII, AfDB and EBRD support pioneering solar and battery storage project

Egypt's first integrated solar and battery storage plant developed by Scatec will deliver dispatchable clean energy, enhance grid stability and manage peak demand BII's ...



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

Lightsource bp, a solar project developer, secured around TWD 6 billion (~\$200 million) in financing for its 115 MWp fishery solar project in Budai and Yizhu Township, Chiayi ...

### Masdar, Infinity Power and Hassan Allam Utilities Reach Major ...

Landmark projects include 1.2GW of solar and 720MWh of battery storage capacity Accelerated timeline expected to see projects operational by 2025 in support of ...





### [AMEA Power to Develop Largest Solar PV Project in ...](#)

AMEA Power's projects in Egypt now includes:  
The 500MW + 300MWh Abydos Solar PV Project:  
The solar PV project is due to be commissioned by October 2024. The 500MW Amunet Wind Project: The ...

### [Egypt set for giant solar-plus-battery storage project](#)

Norwegian developer Scatec ASA has signed a 25-year power purchase agreement (PPA) for a 1 GW solar array and 100 MW/200 MWh battery storage project in Egypt. CEO Terje Pilskog says it is Egypt's



### **Solar and batteries could help Egypt beat its blackouts , CNN**

Egypt's first large-scale hybrid solar and battery plant has begun construction as the country looks to its abundant sunshine to help fix its energy crisis.

### **Discover Cutting-Edge Solar and Storage Innovations at the 2025 Egypt**

One of the most exciting projects under Trinasolar's belt is the collaboration with AMEA Power on the Abydos Battery Energy Storage Project in Aswan. This ambitious initiative ...



### Scatec Secures Funding for Ambitious 1.1GW Solar and 100MW ...

Exciting news is coming out of Egypt as Scatec ASA hits a major milestone with the financial close of its "Obelisk" hybrid solar and battery storage project.



### 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 ...



### [Solar & Storage Live Egypt 2026 , New Cairo](#)

What is Solar & Storage Live Egypt? Solar & Storage Live Egypt is Egypt's largest renewable energy exhibition that celebrates the technologies at the forefront of the transition to a greener, smarter, more decentralised energy ...



### [African Development Bank part-funds Egypt's solar ...](#)

The African Development Bank Group (AfDB) has approved up to \$184.1 million in financing for Egypt's Obelisk solar power and battery storage project. The project involves the construction and operation of a one gigawatt ...



### **AfDB approves \$184.1 million for Africa's largest solar ...**

The African Development Bank approved \$184.1 million for Egypt's Obelisk solar project. This project includes a 1-gigawatt solar PV facility and a 200MWh battery storage system. Located in Qena Governorate, its ...

### **Solar & Storage Live Egypt , Cairo**

Solar & Storage Live Egypt, Cairo. 9,700 likes · 2 talking about this · 168 were here. Egypt's largest solar, storage and renewable energy event. 29 - 30 April 2025



### **Trinasolar showcases solar and storage innovations at Solar & Storage**

China's Trinasolar unveiled its latest solar photovoltaic and energy storage technologies at the Solar & Storage Live Egypt 2025 exhibition, reaffirming its ambitions to ...



### [Scatec starts construction of large scale solar and ...](#)

Scatec has further signed a mandate letter with a consortium of development finance institutions for the long-term non-recourse project debt at attractive terms, with financial close expected in the next few months.



### **Scatec Breaks Ground on 1.1 GW Solar and Battery Storage Project ...**

Scatec ASA has officially commenced construction on its landmark 1.1 GW Obelisk solar power project in Egypt, which includes an integrated 100 MW/200 MWh battery ...



### [Energy storage safety and growth outlook in 2025](#)

Several factors will define the energy storage market in 2025: the continued dominance of LFP chemistry and its downward impact on pricing, increased utility demand for integrated solutions to meet growing energy ...





### **EBRD backs Egypt's first solar and battery storage project**

The funding will support the development of a 1 GWac photovoltaic solar plant integrated with a 200 MWh battery energy storage system (BESS) in Nagaa Hammadi. Once ...

### **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 ...



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