

Expected ROI of solar with battery project in Philippines 2026



Overview

When will Terra solar start operations in the Philippines?

Terra Solar Philippines' (MTerra Solar) ₱200-billion worth solar and battery facility is expected to start operations in the first three months of 2026, according to BDO Unibank, Inc., the biggest lender to the multi-billion-peso project finance facility.

What will be the world's largest solar & battery facility in Central Luzon?

Previous reports by Manila Bulletin noted that the total project funding is anticipated to be the world's largest solar and battery facility in Central Luzon. "This project is set to commence commercial operations in the first quarter of 2026 for Phase 1," BDO said.

How many solar panels will be installed in the Philippines?

According to Solar Philippines New Energy Corporation (SPNEC), the energy company behind the project, it should be finished in two years and will have 5 million solar panels. The solar park, called Terra Solar, will have 3,400 to 3,500 MW of solar panels and 4,000 MWh of battery storage.

What is Terra Solar Philippines' EPC contract?

Last week, Terra Solar Philippines awarded the project's engineering, procurement and construction (EPC) contract to China Energy Engineering Group (Energy China). Philippines president Ferdinand Marcos Jr visited what is thought to be the world's largest project to combine solar PV and battery storage.

Is the Philippines a good place to develop a large-scale solar project?

The project will extend 60 kilometers to connect to NGCP's (National Grid Corp. of the Philippines) substations that supply the Greater Manila Area. Analyst pointed out that legal changes and a more open energy market have made the Philippines a go-to place for developing large-scale solar project in

Southeast Asia.

How much will a solar park generate in Luzon?

The solar park, called Terra Solar, will have 3,400 to 3,500 MW of solar panels and 4,000 MWh of battery storage. It will be built on an 3,500 hectares of forest land in Nueva Ecija and Bulacan, in Central Luzon. The investment will amount to around 3.3 billion euros, and in total, the complex could generate more than 5 billion KWh per year.

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World's largest PV and battery project launched in the ...

MTerra Solar Project Breaks Ground: A Monumental Milestone in the Philippines' Renewable Energy Transition. Terra Solar Philippines, Inc. (TSPI), together with Meralco PowerGen Corporation (MGEN) and SP New ...

Meralco unveils the world's largest solar-battery facility

Landmark dev't President Ferdinand Marcos Jr. (center) leads the groundbreaking ceremony of the MTerra Solar Project, the world's largest integrated solar and battery storage facility, last November 21, 2024. Seen in ...



Philippines' Meralco eyes 2026 start for world-leading ...

Meralco subsidiary Terra Solar Philippines and others started construction on 3,500 hectares of land spanning the provinces of Bulacan and Nueva Ecija.

Philippines issues terms for renewables auction with ...

Pairing solar plants with battery energy storage systems (BESS) will be the main strategic focus for the country's upcoming renewable energy auction. Each project must have a minimum

storage duration of four hours to ...



MTerra Solar Project in the Philippines to be the world's ...

The world's largest solar farm and storage facility is taking shape in NEcija in the Philippines as construction is set to commence. President Ferdinand Marcos Jr. led the groundbreaking of the solar project on Thursday, ...

MGEN Targets Early 2026 Rollout for PHP 200B ...

What's your take on the MTerra Solar Project and MGEN's energy portfolio expansion? Join the conversation and share your views on how this development shapes the future of clean and reliable energy in the region.



PH Launches Green Energy Auction 4, Pioneering ...

The auction's capacity targets are ambitious. For 2026, Luzon (Lot 1) will see 1,000 MW of ground-mounted solar, 1,040 MW of floating solar, and 320 MW of onshore wind, alongside 50 MW of IRESS projects. By 2029, ...

SPNEC breaks ground for world's largest solar project

SP New Energy Corp. has broken ground for the Terra Solar development in Nueva Ecija and Bulacan, touted as the world's largest solar project.



PHL breaks ground on world's largest solar and ...

The Philippines on Thursday signaled the start of construction of a PHP 200-billion solar and battery storage project that is expected to supply power to over two million households by 2027.

MGEN Advances World's Largest Solar-BESS ...

MGEN Renewable Energy Inc. (MGreen), the renewable energy arm of Meralco PowerGen Corporation (MGEN), has achieved 42% overall progress on its flagship MTerra Solar project, the largest integrated solar and ...



MGEN Secures PHP 150B for Record-Breaking Solar Project

Meralco PowerGen Corporation (MGEN), through its subsidiary Terra Solar Philippines Inc. (MTerra Solar), has sealed a PHP 150 billion financing agreement with six of ...

World's largest solar power plant in Philippines expected to finish ...

The announcement of the constructing of what will be "the largest solar project in the world" has now come from the Philippine Islands. The solar park, called Terra Solar, will ...



Nueva Ecija backs world's largest solar-battery project led by MGEN

Nueva Ecija Governor Aurelio "Oyie" Umali has expressed full support for Meralco PowerGen Corporation's (MGEN) flagship MTerra Solar Project, touted to become the ...

MGEN Targets Early 2026 Rollout for PHP 200B ...

A key highlight of the meeting was the MTerra Solar Project --touted as the largest clean energy project in Philippine history. Officially launched in November 2024, the project spans 3,500 hectares across Nueva ...



Actis invests in 3.5 GW/4.5 GWh of solar-plus-storage ...

The Terra Solar project consists of 3.5 GW of solar and 4.5 GWh of battery energy storage system (BESS). It is set to cover 3,500 hectares and supply electricity to approximately 2.4 million

Construction works commences for the World's largest solar and battery

The Government of the Philippines has launched the construction of the world's largest photovoltaic (PV) and battery storage project, the Meralco Terra Solar project. The ...



Major Solar and Storage Project in the Philippines Progressing ...

A large-scale solar and battery energy storage project in the Philippines is moving forward faster than expected, with 54% of the first phase completed just eight months ...



MGEN Champions Renewable Push at Solar

19 May 2025 - Pasay City, Philippines - MGEN Renewable Energy Inc. (MGreen), the renewable energy arm of Meralco PowerGen Corporation (MGEN), took center stage at Solar & Storage Live Philippines 2025 and showcased the ...



Actis invests \$600m in landmark Philippines solar storage project

Actis has struck a deal to invest \$600 million of equity in the 850MW Terra Solar project in the Philippines, with the investor backing what it proclaims to be "the world's largest ...

Biggest Solar Project in the World Gets UK Investment Boost

What is set to become the world's largest solar and battery storage facility, the Meralco Terra Solar Project (MTerra) in the Philippines, got a boost to hasten its completion ...



Philippines Breaks Ground on World's Largest Solar ...

The Philippines marked a major milestone in renewable energy with the groundbreaking of a 3,500 MW solar plant and a 4,500 MWh Battery Energy Storage System (BESS) by Terra Solar Philippines, Inc. This facility, ...

SPNEC to finish P200 billion solar project by 2027

MANILA, Philippines -- SP New Energy Corp. (SPNEC) is eyeing to fully complete the world's largest solar project by 2027. SPNEC said the P200-billion Terra solar development in Nueva Ecija and

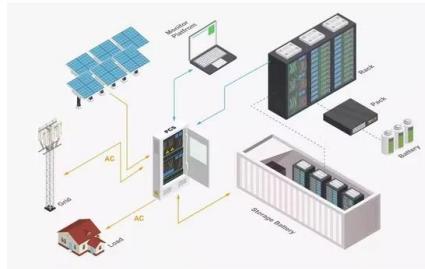


Terra Solar gets PHP150-billion loan for solar and battery facility

The total project cost is PHP200 billion, funding what is anticipated to be the world's largest solar and battery facility in Central Luzon. The funds will support ongoing development ...

Terra Solar's PHP200-billion solar project on track for Q1 2026 ...

Terra Solar Philippines' (MTerra Solar) PHP200-billion worth solar and battery facility is expected to start operations in the first three months of 2026, according to BDO ...



Actis invests US\$600m in a 3.5 GW solar + BESS project in the

The investment firm Actis has signed a strategic partnership with Manila Electric Company (Meralco), the Philippines' largest distribution utility, and its subsidiary, Solar ...

Home Energy Storage
(Stackble system)



SPNEC signs P150 billion loan for MTerra Solar

The first phase of MTerra Solar is scheduled for completion by 2026, with the second phase expected to follow in 2027. Upon completion, the project will provide clean and sustainable power to



World's largest solar, battery facility breaks ground in N. Ecija

President Ferdinand "Bongbong" Marcos Jr. on Thursday led the groundbreaking of the 3,500-hectare Meralco Terra Solar Project, the world's largest integrated ...

Actis invests \$600m in landmark Philippines solar ...

Actis has struck a deal to invest \$600 million of equity in the 850MW Terra Solar project in the Philippines, with the investor backing what it proclaims to be "the world's largest integrated renewables and energy storage ...



Acciona starts works on a 176 MW solar + BESS project in the

The Spanish energy company Acciona Energía has officially broken ground on the 176 MW Daanbantayan solar project on the island of Cebu, in the north of the Philippines. ...

Philippines Breaks Ground on World's Largest Solar ...

Discover the groundbreaking solar energy project in the Philippines that will be the world's largest single-site solar and BESS facility.



CVC DIF to Acquire Gabriela Hybrid Solar-Battery Storage Project ...

CVC DIF, the infrastructure investment arm of global private markets manager CVC, has agreed to acquire the "Gabriela" hybrid solar photovoltaic (PV) and battery energy ...

Mterra solar project phase 1 seen completed early 2026: SPNEC

The Mterra Solar Project Phase 1, which is part of the Terra Solar initiative, is expected to be completed by early 2026. Upon completion, it will connect to the grid via a 13km ...



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