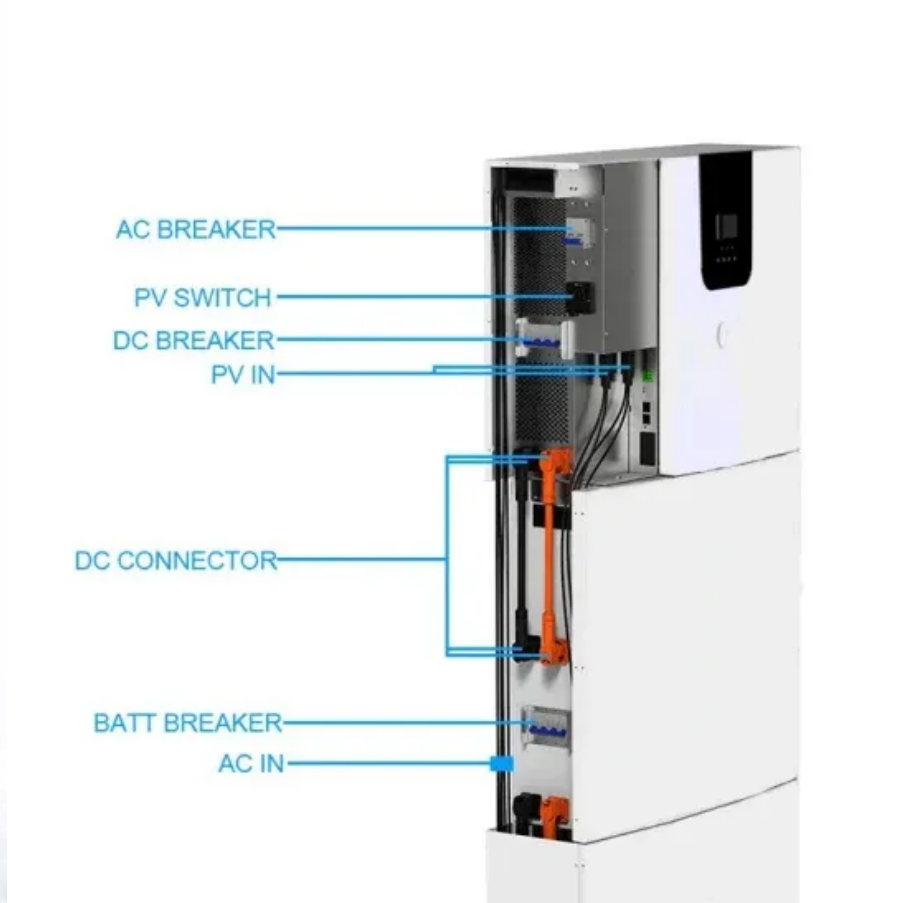


SolarInvert Energy Solutions

Philippines Cebu Substation Energy Storage Operation and Maintenance Project



Overview

Who owns Cebu energy station?

The station is operated by Cebu Energy Development Corporation. The project was estimated to cost P23 billion (approximately 500 million USD).

What is a hybrid energy storage system in Central Visayas?

Considered one of the first large-scale energy storage systems in Central Visayas, the hybrid BESS will provide ancillary services by storing surplus electricity and releasing it to the grid when needed to help stabilize power supply.

Does Cebu need more power investments?

DOE Central Visayas Director Renante Sevilla lauded the BESS project in Mactan, saying that Cebu needs additional power investments given its rapid progress. / KOC.

Where is EAUC building a 30-MW hybrid battery energy storage system?

The 30-MW hybrid Battery Energy Storage System will be built inside the compound of EAUC's facility at the Mactan Economic Zone in Lapu-Lapu City, Mactan Island, Cebu. /Contributed photo Pioneering large-scale storage system in Central Visayas.

When will the Visayas energy project start?

The project broke ground on Thursday, July 17, and is scheduled for commissioning by the first half of 2026. It is expected to enhance energy reliability in the Visayas grid and support the region's continued economic expansion.

What are the major power grids in the Philippines?

The company ensures that its services are available when and where it is

needed. Composed of Metro Manila, North Luzon, and South Luzon, the largest grid in the country accounts for 74% of the country's total power demand. The interconnected island grids of Cebu, Negros, Panay, Leyte, Samar, and Bohol compose the Visayas grid.

Philippines Cebu Substation Energy Storage Operation and Maintenance



AboitizPower to build 30-MW energy storage project in Cebu

Aug 12, 2025 · ABOITIZ POWER CORP. (AboitizPower), through Therma Power, Inc.'s wholly owned subsidiary East Asia Utilities Corporation (EAUC), is set to commence construction of ...

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AboitizPower to construct 30-MW energy storage system in Cebu

Jul 21, 2025 · Aboitiz Power Corporation is set to develop a 30-megawatt hybrid battery energy storage system (BESS) within the Mactan Economic Zone, located in Cebu, Philstar Global ...

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Hansei Corporation , Projects

Jun 11, 2025 · Engineering, Design, Manufacture, Factory Testing, Supply, Delivery, Installation, Field Testing, and Commissioning of Equipment/Materials for Lamao BCCPP Substation and ...

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MGEN to Build 49MW Battery Energy Storage Facility in Cebu

Jul 21, 2025 · Pasig City, Philippines -- 21 July 2025 - Meralco PowerGen Corporation (MGEN) is set to develop a 49-megawatt (MW) Battery Energy Storage System (BESS) in Toledo, ...

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NGCP energizes its Cebu-Negros-Panay Link, calls for more ...

Apr 15, 2024 · This upgrades the existing Amlan-Samboan submarine cable which currently connects Cebu and Negros islands. The first stage of the CNP Project added a new 230kV ...

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Firm starts P1.2B battery storage project in Cebu

Jul 17, 2025 · AboitizPower breaks ground on a P1.2 billion, 30-MW hybrid battery energy storage system in Mactan, Cebu, set for May 2026 operation to boost

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Handbook on Battery Energy Storage System

Aug 13, 2020 · One energy storage



technology in particular, the battery energy storage system (BESS), is studied in greater detail together with the various components required for grid ...

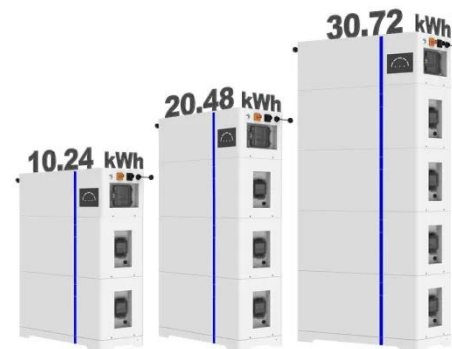
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PHP 5 Billion in NGCP Transmission Projects Get ...

Feb 17, 2025 · The Energy Regulatory Commission (ERC) has given the green light to four transmission projects by the National Grid Corporation of the ...

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ESS



Top five transmission substation projects in the Philippines

Sep 9, 2024 · The designed voltage level of the substation is 500/230/13.8kV and the operating voltage level is 500/230/13.8kV. The step in voltage of the project is 500kV and the step out ...

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Philippines' Power Sector: Focus on transmission to ...

Oct 31, 2024 · Over the last couple of

years, it has energised key energy projects of national significance (EPNS) such as the Mindanao-Visayas interconnection project (MVIP), the Cebu ...

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Intelligent operation and maintenance of energy storage

...

The main intelligent operation and maintenance methodologies can be used in substation, converter station and new energy powers. Also, there are some general-applied technologies, ...

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Aboitiz Power begins construction of 30MW BESS at thermal plant in Cebu

Jul 18, 2025 · The East Asia Utilities Corporation (EAUC) power plant in Cebu, Visayas, Philippines. Image: Aboitiz Power. Integrated energy utility Aboitiz Power has kicked off a ...

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Our Solutions - Cebu - Global Business Power



Cebu Energy Development Corporation (CEDC) owns and operates a 246 MW clean coal-fired power plant located in Toledo City, Cebu. CEDC is a consortium composed of Global ...

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AIKE O.

Karanasan Project Manager Solar project and Operation and Maintenance Solar Generation Renewable Energy Internation Corp. Ene 2025 - Kasalukuyan 7 (na) buwan Manila, National ...



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Garcap Power Solutions, Inc. , Energizing Your ...

Aug 18, 2025 · GARCAP Power Solution Incorporated is a Philippine-based Electrical Engineering company specializing in the construction, operation and ...

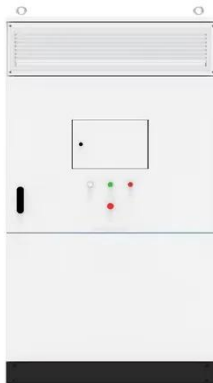
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ERC postpones rulings on rollout of 6 NGCP ...

Feb 25, 2025 · THE ENERGY Regulatory Commission (ERC) has deferred rulings

on the implementation of six projects of the National Grid Corporation ...

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Philippines' Grid Expansion: NGCP focuses on ...

May 26, 2025 · The DOE's energy outlook has two scenarios for the country's energy transition - the reference scenario and the clean energy scenario, ...

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Naga Substation - New - 500/230 kV, Philippines

Oct 8, 2021 · Naga Substation - New - 500/230 kV is a 500kV substation located in Naga, Bicol, Philippines. The Naga Substation - New - 500/230 kV project's construction is expected to ...

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Projects Database , PPP Center

The PPP Center's Projects Database provides comprehensive information on public-private partnership projects in the



Philippines, fostering transparency ...

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Daanbantayan Embraces Renewable Energy with ...

Apr 9, 2025 · Located just a kilometer from the Talisay substation of the National Grid Corporation of the Philippines (NGCP), the land is expected to produce ...

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Meralco PowerGen targets completion of Cebu battery storage project ...

Jul 22, 2025 · Meralco PowerGen Corporation (MGEN) is on track to complete the first phase of its Battery Energy Storage System (BESS) project in Toledo, Cebu by 2026, with full ...

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AboitizPower to build 30-MW BESS in Cebu

Jul 20, 2025 · MANILA, Philippines --

Aboitiz Power Corp. is building a 30-megawatt hybrid battery energy storage system (BESS) project within the Mactan Economic Zone in Cebu.

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DOE welcomes the activation of Cebu and Bohol ...

Jul 17, 2024 · The Department of Energy (DOE) is welcoming the activation of the Dumanjug-Corella 230 kilovolt (kV) Line 1 and Dumanjug 70 megavolt ...

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Substation Senior Engineer

Substation Senior Engineer at National Grid Corporation of the Philippines · - Operation and monitoring of parameters in the Electrical Substation. - Responsible for the safe, reliable and ...

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Practical handbook for substation operation

May 11, 2020 · The first one deals with preventative maintenance of substation



equipment and protective switchgears. Second part deals with preventative ...

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Power Substation Construction, Operation, ...

Jan 8, 2023 · Established 2012, GARCAP POWER SOLUTIONS, INC. (GCPSI) set its foot as Electrical Engineering, Procurement and Construction (EPC) ...

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Philippines' first major floating solar farm opens in Cebu

Aug 1, 2025 · The floating solar array has a scalable capacity of up to 50 MW, which could eventually power Carmen Copper's entire mining operation with renewable energy. The ...

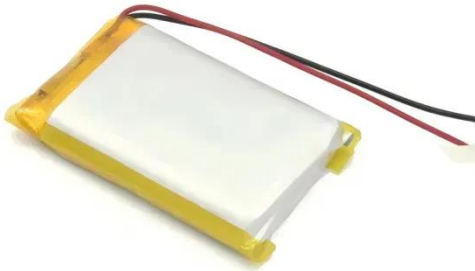
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Pinamucan Substation, Philippines

Sep 13, 2021 · Pinamucan Substation is a 500kV substation located in

Pinamucan, Calabarzon, Philippines. The Pinamucan Substation project's construction is expected to begin in 2022. ...

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Philippines' Grid Expansion: NGCP focuses on renewables'

...

May 30, 2025 · The DOE's energy outlook has two scenarios for the country's energy transition - the reference scenario and the clean energy scenario, reflecting the current energy policies ...

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AboitizPower starts 30-MW hybrid battery storage project in Cebu

Jul 17, 2025 · Aboitiz Power Corp., through subsidiary East Asia Utilities Corp. (EAUC), has begun construction of a 30-megawatt hybrid Battery Energy Storage System (BESS) inside ...

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Bolo Substation, Philippines



Sep 3, 2021 · Bolo Substation project development status The project is expected to be commissioned in 2028. Approximately \$49.8m was financed by the authorities to undertake ...

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Dumanjug - Santander Line, Philippines

Aug 27, 2021 · Dumanjug - Santander Line is a 350kV overhead line with a length of 73km from Dumanjug, Cebu, Philippines, to Santander, Cantabria, Philippines. The project, which is ...

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Fluence's first Philippines project in 470MW

Jan 27, 2022 · In the Philippines, Fluence has brought into commercial operation the first project in an order totalling nearly half a gigawatt, for vertically ...

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Meralco power generation arm announces second grid-scale BESS project

Jul 22, 2025 · Meralco PowerGen Corporation (MGEN) announced the 49MW battery energy storage system (BESS) project in the City of Toledo, Cebu, yesterday (21 July). Set to be ...

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Aboitiz Power begins construction of 30MW BESS at thermal plant in Cebu

Jul 18, 2025 · Integrated energy utility Aboitiz Power has kicked off a 30MW hybrid battery energy storage system (BESS) project in the Philippines. The company said on Wednesday (16 July) ...

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