



MODERNIZATION SOLAR

Podgorica Grid Energy Storage Project





Overview

Why is EPCG investing in a four-hour battery energy storage system?

EPCG, Montenegro's largest electricity provider, is investing in two four-hour battery energy storage systems (BESS) to strengthen grid resilience and balance supply and demand. Each system will have a power output of 30 MW and a storage capacity of 120 MWh, designed for operation at an output voltage of 35 kV.

Where will EPCG install a 60 MWh power plant?

In addition to the two 60 MWh systems at the Nikšić steel mill, EPCG plans to install: a 60 MWh unit at Perućica hydropower plant, a 60 MWh unit at Pljevlja thermal power plant and a 5 MWh system at the planned Kapino Polje solar power plant (5 MW).

How much power does EPCG have?

EPCG has 874 MW of installed generation capacity, with 649 MW coming from two big hydro power plants, Perucica and Piva. It also operates the 225 MW TE Pljevlja, the country's sole thermal power plant.



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[Montenegro's First Battery Energy Storage Systems](#)

Dec 8, 2024 · EPCG's pioneering move to install battery energy storage systems is a significant step in the modernization and stabilization of Montenegro's energy infrastructure. The project



[How Will Montenegro's New Battery Systems Boost Energy Grid?](#)

Sep 8, 2025 · EPCG's latest project aims to address these gaps, positioning battery storage as a cornerstone of grid modernization and a critical tool for achieving national sustainability



[EPCG unveils 245MWh battery energy storage project](#)

Elektroprivreda Crne Gore (EPCG) is taking a big step forward with its 245 MWh battery energy storage project, which will help stabilize Montenegro's energy grid and support renewable

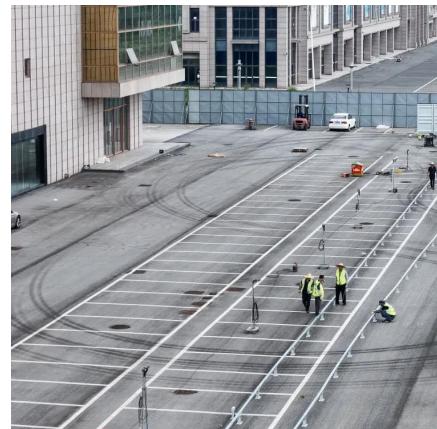
[Montenegro Launches 240 MWh Battery Energy Storage ...](#)

Sep 5, 2025 · Montenegro invests EUR48M in 240 MWh battery energy storage systems to enhance grid stability and accelerate its renewable energy transition.



[Montenegro utility launches 240 MWh ...](#)

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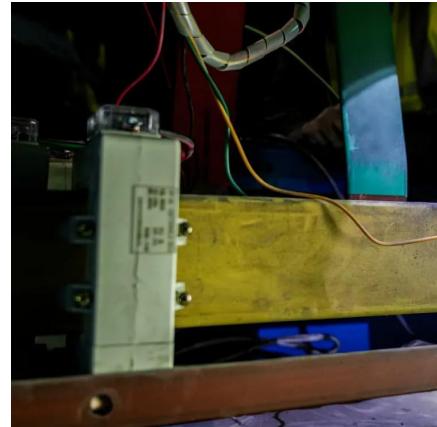
[Montenegro: Utility-Scale Solar Plants ...](#)

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[EPCG unveils 245MWh battery energy storage ...](#)

Elektroprivreda Crne Gore (EPCG) is taking a big step forward with its 245 MWh battery energy storage project, which will help stabilize ...



[Montenegro utility launches 240 MWh battery storage tender](#)

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[Montenegro green energy: Unique Solar Plan Targets '25](#)

Oct 18, 2025 · Battery Storage in Podgorica for Montenegro green energy In addition to the floating solar project, Montenegro is also developing a 20 MW battery storage system in ...



[Montenegro: Utility-Scale Solar Plants , UGT Renewables](#)

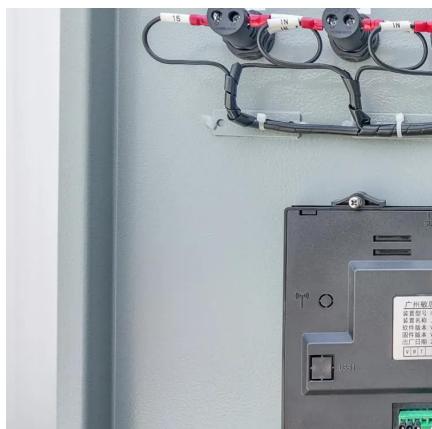
The utility-scale solar PV plants and energy storage in development will help Montenegro alleviate the strains of the energy crisis, while reversing decades of neglect and lack of investment in ...



Podgorica New Energy Storage Demonstration Application ...

SunContainer Innovations - Summary: The Podgorica New Energy Storage Demonstration Application represents a groundbreaking initiative to integrate advanced energy storage

...



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Marseille Energy Storage Power Station Project
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