Montenegro utility-scale energy storage

Montenegro utility-scale energy storage

When it comes to green energy, Montenegro has natural advantages. The country"s solar potential is one of the largest in Southeast Europe. UGT Renewables is partnering with state-owned power utility Elektroprivreda Crne Gore (EPCG) to aid Montenegro in a swift and efficient transition to a cleaner, greener energy generation base.

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 their energy production capacities. Phase 1 includes the development of approximately 200 MW of solar power plants in Velje Brdo & Dinosa, along with approximately 50 MW / 100 MWh of battery energy storage.

During Phase 2, UGT Renewables will develop large-scale pump storage in Decidi, Marvucici, Gurza, and Lukici. Further aiding Montenegro"s citizens, UGT Renewables will hire local companies for surveying, spatial planning, environmental assessment, regulatory assessment, construction, electromechanical and civil engineering, and more.

The development of solar plants and storage of this scope and scale aligns with Montenegro"s ambition to become a substantial electricity exporter in the near future.

UGT Renewables is aiding Montenegro in a swift, efficient transition to cleaner, greener power. Reversing decades of neglect and lack of investment in energy production capacities, the utility-scale solar PV plants and energy storage in development will help Montenegro create a brighter future.

Bringing reliable energy to every corner of Serbia, UGT Renewables is developing a series of self-balanced utility-scale solar along with battery energy storage. This project will transform an outdated energy grid, improve energy security, and help Serbia achieve electricity independence at an affordable price.

Each one of our projects is a step toward a world with a more diversified energy matrix, stronger national grids, and easier access to clean, affordable energy. Whatever energy goals a nation aims to achieve, our solutions make an impact. We"re excited to keep working with ambitious partners to reshape the future of our planet, together.

Montenegro’s largest power utility, EPCG, said it plans to develop lithium-ion battery energy storage systems at four locations in order to harness excess renewable energy production and ensure the flexibility of the power system.

The goal is to use the existing infrastructure for connection to the grid. The projects foreseen in the plan adopted by the EPCG Board of Directors include a 60 MWh system located at the hydropower plant Peru?ica,

two units of 60 MWh at metal processing company EPCG ?eljezara Nik?i?, and another 60 MWh system next to the thermal power plant Pljevlja.

The utility has also decided to install a 5 MWh battery energy storage system alongside its proposed Kapino Polje solar power plant, which would have 5 MW of installed capacity.

EPCG said in a statement last week that the next steps will be the opening of public calls for the preparation of a feasibility study and a conceptual design study.

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.