

Albania s new solar power generation system

LIQUID COOLING ENERGY STORAGE SYSTEM

EMS real-time monitoring

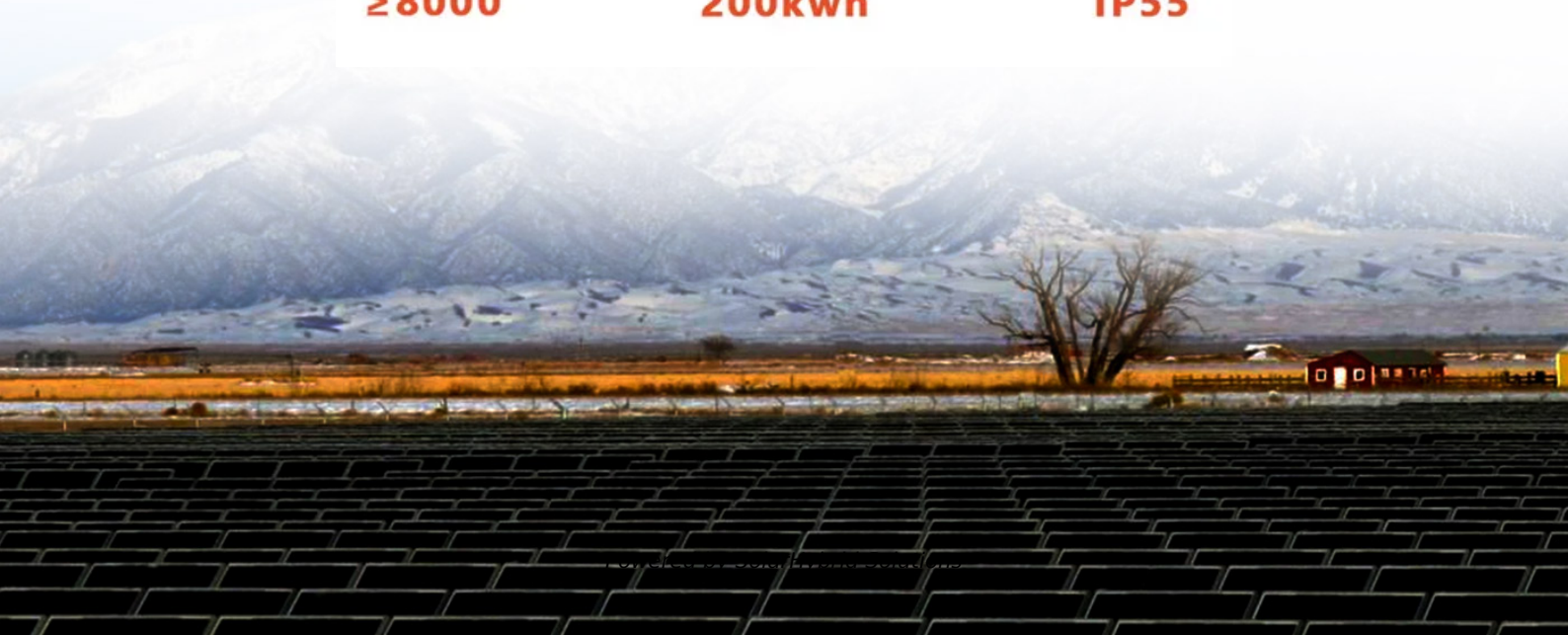
No container design
flexible site layout



Cycle Life
≥8000

Nominal Energy
200kwh

IP Grade
IP55





Overview

Albania has approved two new solar parks—30 MW in Fier and 24 MW in Korce—totaling 54 MW, to be commissioned within 36 months and operating for 46 years. Albania's government has given the go-ahead for two new solar farms, together totalling 54 MW, as it accelerates its shift toward clean energy. Will Albania have a solar power project?

The Ministry of Infrastructure and Energy of Albania received four applications for solar power projects with a combined capacity of 235 MW. A proposed unit in Fier, the country's photovoltaics hub, would be the second-biggest in the country. Solar power accounts for 6% of electricity production in Albania.

Will a 100 MW solar power plant be built in Albania?

A company called Euron Solar-PV has submitted an application to the Albanian Ministry of Infrastructure and Energy for the construction of a 100 MW Solar power plant in the villages of Fushe and Povelce, near Fier City. The project is currently in its initial stages and the public has two weeks to submit comments and objections.

How much does solar cost in Albania?

Albania ran a 300 MW solar tender last year. The Ministry of Infrastructure and Energy shortlisted nine bidders with an average price of €0.0513 (\$0.054)/kWh offered across 283.9 MW of capacity allocated in July. The country had deployed 163 MW of solar by the end of 2023, according to figures from the International Renewable Energy Agency (IRENA).

What is the largest solar power plant in Albania?

In late 2023 the 140MW Karavasta solar power plant was completed, having taken Voltalia of France 15 months to build, it is the largest in Albania to date. A 100 MW solar power project called Spitalla in Durrës area is planned to be built next. Albania has enormous potential for electric energy from wind power.



Where is Albania's second largest photovoltaic plant?

The company laid the cornerstone late last year for the 100 MW solar power system in the west of Albania. The site is near the port city of Durrës. One other PV plant is planned for expansion to 100 MW. Now another project of the same size is racing for the position of the country's second-largest photovoltaic facility.

What percentage of Albania's electricity comes from solar power?

At present, solar power accounts for 6% of Albania's total electricity generation, with more than half of the PV generation coming from the Karavasta plant, which is the largest PV facility in the Western Balkans with a peak capacity of 140 MW.



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[A hydro heavy hitter turns its eyes toward solar.](#)

In October 2023, the largest solar power plant in the western Balkans, the 140-megawatt Karavasta plant, became operational in southern Albania, marking the beginning of a series of ...

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[Harvesting Albania's Potential: The Case for Implementing a Wind-Solar](#)

The legal framework for new generation power plants in Albania is primarily governed by several key laws and regulations related to energy, environment, and investment. ...

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[PPC starts building two battery storage systems in northern ...](#)

PPC Group recently started building a battery system in neighboring Bulgaria with 25 MW in operating power and a capacity of 55 MWh. The facility would support the operation ...

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[The Use of Photovoltaic Technology in Albania: A ...](#)

In addition to lowering Albania's reliance on fossil fuels, the deployment of PV technology can help the country develop a sustainable and ...

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[EU and EBRD Strengthen Albania's Energy Security with Support for New](#)

The 50 MWp solar photovoltaic plant will add significant renewable capacity to Albania's grid, supporting the country's transition to a more resilient and sustainable energy ...

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Albania

In the course of the dispatch of power generation plants, the Transmission System Operator will attach priority to power generation installations to the extent that allows safe operation of the ...

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[Solar power developers launch projects in Albania for...](#)

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[Albania seeks to diversify electricity generation with first major](#)

TIRANA, Aug. 22 - The Albanian government is offering incentives to private investors as it plans to set up the country's first major solar power plant in a bid to diversify the country's current ...

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[Albania Greenlights Two Solar Parks, Adding 54 MW](#)

Albania's government has given the go-ahead for two new solar farms, together totalling 54 MW, as it accelerates its shift toward clean energy. Under the Council of Ministers' ...

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[Coal Is Rising Along with Solar in the U.S. Power System. While ...](#)

Coal and utility-scale solar power each gained market share in the first half of this year, newly released data on U.S. electricity generation show. Natural gas, while still the ...

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[EBRD and EU to fund a 50MWp solar power plant in Albania](#)

The project aims to address the vulnerability of Albania's hydro-dominated energy system, which is frequently affected by dry weather conditions.

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Albania

Albania is a net importer of electricity; power supply security is a major challenge. Albania's domestic generation is almost entirely dependent on hydropower, since the country's only ...

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Wind and Solar Can Improve Energy Security and Independence in Albania

Albania has some of Europe's highest sunshine hours per year that can be used to generate electricity from solar PV, and heat water by continued installation of solar thermal ...

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[Companies express interest in developing 235 MW of solar in...](#)

Albania's Ministry of Infrastructure and Energy has received expressions of interest from four companies looking to construct four solar projects with a cumulative capacity totaling ...

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[Mapping Renewable Energy Sources potential. challenges.](#)

Supporting solar and wind energy source projects to diversify the renewable energy portfolio, harnessing Albania's ample sunlight and wind resources for clean power generation.

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["Update on the Latest Developments in the Albanian Power ...](#)

Albania's Power Generation Capacities (*) data for year 2024 corresponds to the period January - April 2024 Source: Chart is prepared by SEA Consulting based on data obtained by ERE ...

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51.2V 150AH, 7.68KWH



[Companies express interest in developing 235 MW of solar in Albania](#)

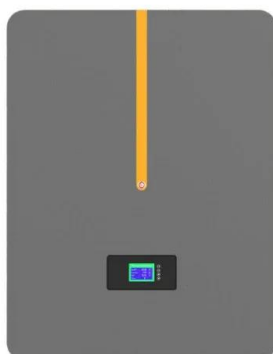
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[EBRD and EU Fund New 50MW Solar Power Plant in Albania to ...](#)

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Report R

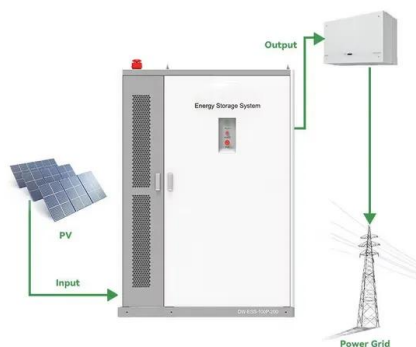
Executive Summary This study provides a comprehensive assessment of the current landscape of Albania's renewable energy sector--specifically focusing on wind, and solar energy--in the ...

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[Albania launches 235 MW solar project--Seetao](#)

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[Albania plans to diversify electricity generation with floating solar](#)

TIRANA, July 19 - Albania's state-run power utility KESH says it is planning to build the country's first floating solar power plant on the northern Drin River cascade where it generates about ...

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[Albania Approves 54 MW of New Solar Projects. Expanding ...](#)

On May 6, 2025, the Albanian government approved the development of two new solar power plants, totaling 54 megawatts (MW) in capacity.

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[WBIF financing for a new solar power plant in Albania at Belshi](#)

A ceremony took place in Albania, 22 July 2025, to sign the agreement to build a new solar photovoltaic power plant at Belshi. The EUR42 million project is co-financed by an EU ...

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