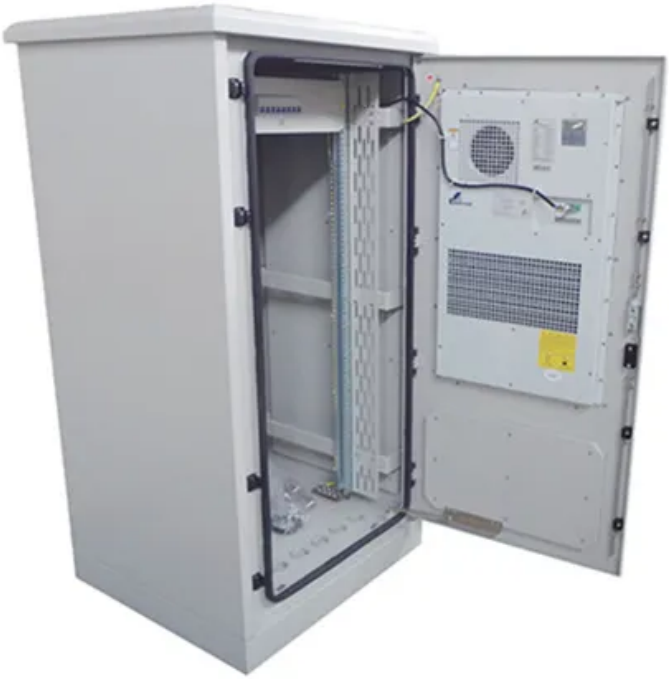
Power generation used by Lithuanian solar power plants



Overview

Additional figures from the report state that solar power plants in Lithuania generated 1. 79 TWh of electricity in 2025, accounting for 14. Kruonis Pumped Storage Plant, its main purpose is to provide a spinning reserve of the power system, to regulate the load curve of the power system 24 hours a day. Kaunas Hydroelectric Power Plant, has a capacity of . In a remarkable display of its commitment to renewable energy, Lithuania has firmly established itself as a key player in Europe's green transition. Lithuania is a net energy importer. The government has set more ambitious targets of 2 GW by 2030, with revised NECP drafts aiming for a 500% increase to 5.

Power generation used by Lithuanian solar power plants

Renewable energy in Lithuania

As of 2012, Lithuania has 1,580 small (from several kilowatts to 2,500 kW) solar power plants with a total installed capacity of 59.4 MW which produce electricity for the country, and has an uncounted

LITHUANIA SOLAR SYSTEM ELECTRIC POWER

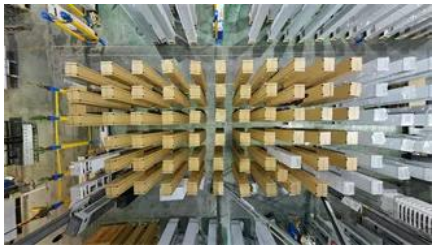
The Company brings together Lithuania's state-owned electricity generating capacities ??? a reserve power plant and a combined cycle unit in the Elektr??nai complex, Kruonis Pumped Storage

Lithuania Rooftop Solar Country Profile

As of February 2024, Lithuania boasts over 61,000 prosumers and 800 MW of solar capacity. Moreover, from the 3rd of March 2024 from 12:00 to 14:00, Lithuanian renewable consumption for the first time

Lithuania solar generation: Impressive 6th in Europe

According to recent data, the Baltic nation ranked an impressive sixth in Europe for the share of electricity consumption met by solar power in 2025. This achievement underscores a period



Lithuania's solar capacity surpasses 3 GW

Additional figures from the report state that solar power plants in Lithuania generated 1.79 TWh of electricity in 2025, accounting for 14.2% of total national electricity consumption.

Power system

Data on all the power plants' capacities is provided in the table below.

[Lithuania's seasonal solar profile shows strong generation potential](#)

Our PV and storage solutions enable homes, businesses, and communities to generate clean power year-round, reduce electricity bills, and contribute to Lithuania's renewable future.

Renewable energy resources

A total of 671 MW of wind power plants have been installed in Lithuania. As regards renewable electricity, in 2021, electricity produced by solar power plants amounted to 190.8 million kilowatts

Solar power generation and energy storage in lithuania

The current plan of this demo-site project is to install an experimental (approx 60 kWp) power plant and to develop an algorithm, which would independently manage the solar power plant

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