



# Lithuania solar power proposal

Why should Lithuania invest in solar energy?

To be an active partner of society, politicians and business, creating a suitable and sustainable environment for the development of solar energy in Lithuania. We unite solar energy market players to inspire, encourage and help Lithuania to use solar energy as a clean, renewable source of energy, ensuring energy independence and a secure future.

Did renewables play a significant role in the Lithuanian electricity sector?

A concession agreement was signed in the following year ( Ministry of Energy,2012 ). Here it needs to be highlighted that in the years leading to the new strategy,renewables already played a significant role in the Lithuanian electricity sector(see Fig. 1 ).

Can Lithuania achieve 100% renewable electricity by 2050?

In support of the 100% renewable electricity target by 2050, the government is encouraged to design a long-term renewable energy strategy for Lithuania, which would analyse the electrification of end-uses, notably heat, and an assessment of system integration needs across sectors.

What is the Lithuanian Confederation of renewable resources?

The Lithuanian Confederation of renewable resources successfully pursuing its goal of promoting the wider use of renewable energy sources in the energy sector in accordance with sustainability criteria.

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On April 13, the Lithuanian government approved amendments to legislation drafted by the Ministry of Energy to accelerate the development of RES in Lithuania. The new legislation removes the bureaucracy and excessive restrictions on photovoltaic and wind power plants and encourages the formation of energy communities, the department says.

Lithuania's Ministry of Energy has signed an order to back the installation of small residential solar power systems through an upcoming call for proposals with a budget of EUR 4.5 million (USD 5.1m).

Danish solar company Nordic Solar A/S has secured DKK 245 million (approximately USD 36.7 million) in financing from Swedbank for its 100-MWp Moletai photovoltaic (PV) farm in Lithuania, the largest solar park in the Baltic nation.

European Energy unveils ambitious plans for the largest solar farm in the Baltics. Located in Anyksčiai, Lithuania, it has a capacity of 65MW and will provide 24,000 households with clean energy when it is



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connected to the grid in Q4 2023. It will feature 140,000 solar panels and a total output of 90,000MWh per year.

LITHUANIA 100 | 12 Key Takeaways From 2030 Electricity Grid Modeling Scenarios 1. With current targets, Lithuania can achieve 100% variable renewable energy (VRE) in electricity supply on an annual timescale. 2. On average, Lithuania can expect to be a net exporter of electricity in 2030, with most exports flowing through Poland.

Green Genius and RGreen Invest have actually prepared a financial agreement to develop eight solar PV projects in Lithuania with a complete capacity of 65.7 MW. The solar farms are arranged to be built by 2024 as well as are projected to create an estimated 82,400 MWh of green energy each year.

European Energy, a Danish renewable energy company, is aiming to set up a 65 MW solar project in the municipality of Anyksciai, Lithuania. The new facility is anticipated to go into operation in fourth quarter, 2023. The project will cover more than 120 acres, with more than 140,000 solar panels, and produce 90,000 MWh yearly.

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