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Lithuania develops hybrid energy for communication base stations

Overview

Will Lithuania move towards an electrified energy system by 2050?

With its updated National Energy Independence Strategy, Lithuania has outlined its intention to move towards an electrified energy system and support new industrial development based on hydrogen production from renewable electricity by 2050.

What is Lithuania's energy policy?

“Energy independence is the foundation of Lithuania’s energy policy,” said Lithuania’s Energy Minister Žygimantas Vaičiūnas. “We have taken bold steps to strengthen our security, from strategic infrastructure investment to full synchronisation with the continental European electricity grid.

How has Lithuania's energy policy changed in 2022 & 2024?

Lithuania’s electricity generation from renewable sources nearly doubled between 2022 and 2024, boosted by improved permitting and support schemes. The policy changes also contributed to an increase in home installations of solar PV and in grid-scale battery storage.

Is Lithuania able to decouple its energy system from Russia?

We applaud the important progress made towards this goal so far, including the successful decoupling of Lithuania’s energy system from Russia’s,” said IEA Executive Director Fatih Birol, who is launching the report in Vilnius today.

Is energy independence the foundation of Lithuania's energy policy?

We hope this report and its recommendations can serve as a useful basis to inform the next steps.” “Energy independence is the foundation of Lithuania’s energy policy,” said Lithuania’s Energy Minister Žygimantas Vaičiūnas.

Why should Lithuania prioritize regional cooperation?

To realise this objective, the report calls for Lithuania to continue to prioritise regional cooperation, which is crucial for harmonising policy, sharing effective approaches and strengthening energy supply chains.

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