

Can Latvia use clean electricity to decarbonise other economic sectors?

Latvia's hydro-dominated electricity system provides a favourable starting point to use clean electricity to decarbonise other economic sectors. Moreover, given Latvia's historic dependence on energy imports from Russia, its transition to clean energy sources offers an important opportunity to bolster energy security and lower energy prices.

Will electricity be the cornerstone of Latvia's energy transition?

Electricity will be the cornerstone of Latvia's energy transition. Latvia's hydro-dominated electricity system provides a favourable starting point to use clean electricity to decarbonise other economic sectors and meet the target of 57% renewables in total final consumption by 2030.

How much energy does Latvia use?

Latvia is a net energy importer. Primary energy use in Latvia was 49 TWh, or 22 TWh per million persons in 2009. In 2018, electricity consumption per capita was 3731 kWh. Latvia has adopted the EU target to produce 50% of its energy from renewable sources by 2030.

How much renewable power does Latvia have in 2022?

In 2022, Latvia installed around 0.1 GW of renewable capacity, bringing the total to 1.9 GW (vs. 1.8 GW in 2021). In 2022, the annual growth rate of installed renewables power capacity rose to 8%, compared to 0% in 2021.

What is Latvia's energy dependency?

In 2017, RES used in Latvia are local energy sources. Therefore, as the total consumption of RES increases, Latvia's energy dependency⁵⁹ from imported energy 5 to 47.2 % in 2016.⁵⁷ CSB⁵⁸ Data source: EUROSTAT⁵⁹ Energy dependency is an indicator that is calculated by subtracting energy exports from imports, dividing the result by the total

What is Tricity balance in the electricity system of Latvia?

Tricity balance in the electricity system of Latvia. Electricity production in the conservative scenario (A) is based on Riga CHPP-1, Riga CHPP-2, and Imanta CHPP working according to free energy market conditions when power plants are less effective and can produce only a fraction of their

of energy issues including oil, gas and coal supply and demand, renewable energy technologies, electricity markets, energy efficiency, access to energy, demand side management and much more. Through its work, the IEA advocates policies that will enhance the reliability, affordability and sustainability of energy in its 31 member countries,

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Reaching energy independence--i.e., disentanglement from Russia's energy infrastructure and market--will have taken more than three additional decades. Even after all three countries joined the European Union ...

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This Energy Policy Review was prepared in partnership between the Government of Latvia and the IEA. It draws on the IEA's extensive knowledge and the inputs of expert peers from IEA member countries to assess Latvia's most pressing energy sector challenges and provide recommendations on how to address them, backed by international best ...

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The National Energy and Climate Plan 2021-2030 (hereinafter -- the Plan) is a document for long-term policy planning developed according to Cabinet Order No. 275 of 3 May 2016 "On the Government Action Plan for Implementing the Declaration of the Intended Activities of

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