

Challenges related to energy crisis
oWill natural gas will be available? What prices will be?
oWill biofuels will be sufficiently supplied? What prices will be?
oWill electricity supply reliable?
oWhat actions required to secure functionality of DH systems in case "black-out"
oHigh inflation

The development of biomethane would allow Lithuania to increase the use of renewable energy sources, reduce waste in agriculture and industry, and provide an economic boost to Lithuania's biogas sector.

In 2013, about 47.9% of renewable and indigenous energy sources in Lithuania were transformed in Combined Heat and Power (CHP) and heat plants, 37.8% - consumed in households, 5.8% - in industry, and 8.5% - in other sectors.

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Energy transition: Lithuania sets records in speed and scope While EU governments are still debating whether they need new pipelines or can get off the natural gas tap, Lithuania has been transforming its heat supply at record speed to be able to use domestic biomass and leave the era of its energy dependence on Russia behind. Now,

Thermal power plants generate electricity by harnessing the heat of burning fuels or nuclear reactions - during which up to half of their energy content is lost. Renewable power sources generate electricity directly from natural forces such as the sun, wind, or the movement of water.

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Lithuania can move ahead with a scheme to provide EUR180 million (US\$200 million) in grants to energy storage projects after it was approved by the EU. The programme will provide direct grants for the construction of the projects, with a target to support at least 1.2GWh of energy storage projects.

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