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Latvian Energy Storage Power Station Management Users



Overview

Where is the first battery energy storage system in Latvia?

On November 1 Latvia's largest wind energy producer Utilitas Wind opened the first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region.

Who manages the electricity grid in Latvia?

The electricity grid in Latvia, however, is primarily managed by Sadales tīkls, the largest distribution system operator that serves 99% of the country's territory. Both public and private energy companies, such as AST and Latvenergo, participate in the sector.

What is Latvia's energy system?

Latvia's energy system is largely based on renewable resources, primarily hydropower from the Daugava River, supplemented by wind, solar, and biomass. While natural gas imports cover energy shortages, the country aims to increase wind and solar energy capacity, with significant progress already made in 2022.

How many power stations are there in Latvia?

This article lists all power stations in Latvia. Additional to the three major hydroelectric plants, there are approximately 150-160 operational hydroelectric plants with capacity below 5 MW each. There are 19 operational wind farms in Latvia with capacity above 0.25 MW and 18 wind farms with capacity below 0.25 MW.

Does Latvia have a heat storage system?

Latvia has a comprehensive district heating system, especially in urban areas, where thermal storage is crucial for managing heating needs. Heat storage development in Latvia relies significantly on local government decisions.

Does Latvia need a thermal power plant?

Until now, Latvia has relied on electricity generated by hydroelectric power plants (HPPs), and the country's overall policy also included the development of thermal power plants (TPPs), as natural gas was a relatively cheap resource.

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