

SolarInnovate Energy Solutions

Latvia s new outdoor power supply



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.

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.

Does Latvia have an electricity grid?

Synchronization of the Baltic states with the European electricity grids and desynchronization from the Russian unified energy system. 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.

Are new wind farms a good investment for Latvia's energy security?

I am pleased that the bar has been set high for developers of new wind farms, which also plays an important role in the context of Latvia's energy security," said Climate and Energy Minister of Latvia, Kaspars Melnis. Given the total investment in the project, the OP Corporate Bank provided loan financing.

Is Latvia ready for a green energy transition?

Solar and wind energy production alone experienced an impressive 92% surge in 2023 compared to 2022, and this momentum shows no signs of slowing down. Building on these achievements, Latvia has set ambitious targets for its green energy transition.

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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Cyclone Kirsti causes widespread damage, power outages in Latvia

Jul 30, 2024 · Power supply to around 30,000 houses in Latvia was disrupted on Monday morning due to storm damage caused by Cyclone Kirsti, which brought down trees and caused floods, ...

Latvia's new energostandard "medium voltage network ...

Jun 13, 2014 · Latvia's largest DSO ST maintains power supply to its customers during sustained earth fault in an isolated or compensated neutral networks. LEK standard include single phase ...



Hepta conducts tests for Latvia's leading distribution system ...

Nov 1, 2021 · As the electricity consumption keeps growing in Latvia, so does the need for a stable and reliable electrical grid. To minimize the risk of possible power outages, power line ...



Latvia's Energy Landscape Evolves with New Battery Storage ...

Nov 8, 2024 · Latvia has taken a significant step towards a greener future with the commissioning of its first utility-scale battery energy storage system (BESS). The 10MW/20MWh BESS, ...



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