

## SolarTech Power Solutions

# Latvia has hybrid energy communication base stations



## Overview

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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.

The addition of two utility-scale battery energy storage systems (BESS) in Latvia marks the final milestone in synchronizing the Baltic power grids with continental Europe, according to the country's transmission system operator. Meanwhile, Estonia is advancing two major BESS projects, backed with.

In Latvia, developer Utilitas Wind announced the official opening of a 10MW/20MWh battery energy storage system (BESS) last week (1 November) in Targale, a village in Latvia's north-eastern Ventspils region. The project is integrated with Targale Wind Park, a 58.8MW wind power plant that went into.

A month ago, 100 business delegates participated in Latvia's largest U.S. trade mission, showcasing our green energy potential by engaging with industry leaders and attending major events like Houston's Gastech exhibition and San Francisco's Dreamforce conference. Key outcomes include a memorandum.

Variable Renewable Energy Sources (vRES, solar PV and wind)<sup>1</sup> capacity in Latvia has grown from 100 MW in 2022 to over 420 MW in 2024 (Figure 1). The huge interest from vRES developers during last years and growth in vRES capacities in Latvia is expected to continue as well as their technical impact.

Latvia ranks 17th in the EU's 2022 Digital Economy and Society Index (DESI), with strong ICT capabilities and high broadband coverage, positioning it well for digital energy solutions like smart metering, smart grids and energy efficiency monitoring. Latvia excels in digital public services, but.

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