
Riga Industrial Park Energy Storage

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 recovery and Resilience Plan?

Latvia's Recovery and Resilience Plan plays a key role in the energy transition, supporting economic recovery through major investments in renewables like wind, solar, and biomass, as well as initiatives such as a 60 MW Battery Energy Storage System by 2026 and cross-border projects to synchronize with Continental Europe.

What is Ries in industrial park?

The RIES includes the supply-demand relationship of gas, electricity, heat and cold. In an industrial park, the energy production devices include gas turbine and its boiler, and PV. Energy conversion devices include heat pump, electric cooler, and absorption chiller. Energy storage devices include battery and heat tank.

Why are industrial parks the main application objects of Ries?

Therefore, industrial parks have become the main application objects of RIES. The RIES couple the electrical, thermal, and gas systems in order to coordinate the conversion process of multiple energy sources in industrial park. It can meet various energy demands in the park and absorb distributed renewable energy in situ [5].

Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and ...

VENTSPILS, Latvia, Nov. 6, 2024 /PRNewswire/ -- On November 1, 2024, Targale Wind Park held its grand opening, unveiling Latvia's first major ...

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The new system has a capacity of 20 MWh, enabling the park to store surplus energy generated during periods of high wind and supply it back to the grid when required. ...

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Let's talk about Riga's energy storage revolution - where medieval charm meets cutting-edge battery tech. As of 2025, Latvia's energy storage capacity has grown 300% since 2020, with ...

The construction of the electricity storage battery system at the Targale wind park is a step towards the development of the frequency ...

There are multiple energy demands in industrial parks. The industrial park's energy system includes a variety of energy sources and energy-consuming e...

The construction of the electricity storage battery system at the Targale wind park is a step towards the development of the frequency market in the region. "Such hybrid parks, ...

Year: 2024 - 2025 Location: Latvia LEC, in cooperation with a partner, is constructing a battery energy storage system (BESS) with a total capacity of 8.4 MW / 16.8 MWh at the TEC-1 site in ...

Why Energy Storage in Riga Can't Wait: The Grid Stability Crisis You know how your phone dies right when you need directions? Now imagine that happening to an entire city. Riga's aging ...

Riga Energy Agency (REA) is a municipal agency founded in 2007 for the purpose of planning, management, monitoring and coordination of energy- and climate- smart and sustainable ...

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