



The object planned in Latvia will be our largest battery system to date." The state-of-the-art battery system will provide the high-speed and automatically-activated frequency regulation reserves needed for synchronisation mode, in which the Baltic electricity transmission systems will work in synchronisation with the continental European grids.



The largest energy storage battery system will provide energy storage to transfer the generated electricity to users when there is a shortage in the electricity system. The battery system includes six battery containers, three inverter/transformer container and one distribution point container, providing a total electric capacity of up to 20 MWh.



**BATTERY ENERGY STORAGE SYSTEM (BESS)**  
A Battery Energy Storage System or BESS is a large-scale battery system connected to the electrical grid for both power and energy storage. Its components include: Individual battery cells, that are contained in a battery system, convert chemical energy into electrical energy

# LATVIA BATTERY ENERGY STORAGE SYSTEM GUIDEBOOK



Rolls-Royce has received an order from the Latvian transmission system operator Augstsprieguma tīkls (AST) to supply an mtu large-scale battery storage system to secure the Latvian power grid. In 2025, Latvia, together with the other Baltic states, will synchronise its energy supply system with the continental European power grid.



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This interactive global battery storage regulatory guide includes a succinct summary of the current BESS market, related regulatory and licencing requirements, revenue models for grid-scale battery assets and government subsidies across more than 20 countries.

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RIGA, Nov. 1 (Xinhua) -- Renewable energy company Utilitas Wind on Friday inaugurated the largest battery energy storage system (BESS) in Latvia to date, local media reported. Installed at the Targale wind farm in Latvia's western municipality of Ventspils, the system can store up to 20 MWh and dispatch up to 10 MW of electricity.



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Germany-based Rolls-Royce has been awarded a contract to supply two large-scale battery energy storage systems to Augstsprieguma tikls (AST), Latvia's transmission system operator, with



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