

Latvia nickel-manganese-cobalt batteries nmc

Germany-based Rolls-Royce has been awarded a contract to supply two large-scale battery energy storage systems to Augstsprieguma tīkls (AST), Latvia's transmission system operator, with a cumulative output of 80 MW and a storage capacity of 160 MWh.

The company's mtu EnergyPack QG large-scale battery storage systems, which are based on the nickel-manganese-cobalt (NMC) battery chemistry, will be used at two locations from autumn 2025 onwards. A 20 MW/40 MWh system will be installed at the AST substation in Tume in west Latvia and a 60 MW/120 MWh battery storage at the AST substation in Rezekne in the east.

"We are proud to be able to make a significant contribution to this important and safety-critical project in Latvia," said Jörg Stratmann, CEO of Rolls-Royce Power Systems. "The facility for Latvia will be our largest battery storage system to date."

As part of the agreement, Rolls-Royce has signed a five-year long-term service agreement for the system. The order also includes general contractor services as well as installation and commissioning.

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