

## Lithuania energy storage for grid stability

"Virtual Transmission Line" pilot will demonstrate benefits of storage at the transmission level and support Lithuania's plans for clean energy independence and energy security.

"VTL is one of the most exciting applications for battery energy storage. We're proud to work with a forward-thinking TSO like Litgrid and our partner Siemens to demonstrate the benefits of storage as a transmission asset," said Manuel Perez Dubuc, Fluence's CEO. "With more than 13 years of experience developing grid-scale energy storage technology, opening markets and pioneering new applications, Fluence has the technology and expertise to help Litgrid deliver safe, reliable, resilient energy storage systems that support Lithuania's energy transition."

The pilot project with Fluence is Lithuania's first grid-scale battery-based energy storage system and will be among the first VTL projects in Europe to be tested. Besides traditional frequency control reserves services from battery storage, Litgrid is also testing non-frequency functionalities such as those listed above, with the goal of demonstrating to market participants how simple battery energy storage implementation is and the conditions needed to unlock battery storage's full potential to deliver ancillary services.

Deploying battery energy storage as a transmission asset is attracting mainstream consideration in markets around the world. With approximately 2.5 GW deployed or awarded to date and more than a decade of experience pioneering new applications, Fluence has been a leading advocate for VTL, publishing guides on building VTL and helping craft and submit proposals for 250 MW systems to regulators in Australia and Chile.

Energy Storage Journal (business and market strategies for energy storage and smart grid technologies) is a quarterly B2B publication that covers global news, trends and developments in energy storage and smart grid markets.



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