

Residential energy storage lithuania

"The project will help us meet one of the most important challenges before synchronisation - the capacity to work in isolated mode. The facilities under construction will help ensure the stability and reliability of our electricity system in the event of disturbances. In the event of a power outage across Lithuania, these batteries will immediately start supplying power and restore the energy supply," said Minister Kreivys.

The establishment of the special-purpose company Energy cells in January this year has led to the preparatory works for the project and guaranteed funding: the European Commission has approved up to EUR 100 million in support for the storage facilities measure under the EU's Recovery and Resilience Facility. This is the first project of this scale in Lithuania to be approved for funding under the EU's Economic Recovery and Resilience Facility, and the first to be launched under this facility.

"This project is significant for Lithuania and all the Baltic States. It will strengthen the resilience of Lithuania's energy system. At the same time, this European-scale project is one of the key components in synchronising the Baltic States' energy grids with continental Europe. This will not only improve connectivity but also bring innovation to Europe's energy system," said Laimutė Pilukaitė, Head of the Policy Analysis and Review Team at the European Commission Representation in Lithuania.

The 200 MW and 200 MWh energy storage facilities will be designed, manufactured and connected to the electricity transmission system by Fluence and Siemens Energy companies implementing the project on a consortium basis won an international procurement tender launched by Energy cells for the supply and installation of advanced energy storage systems, and have signed a EUR 109 million contract to provide after-sales service and maintenance for 15 years after the system is launched.

"The project consists of four 50 MW energy storage systems, which will all use Fluence's latest and most advanced 6th Generation technology. Fluence is delighted to support Energy cells and ESPO-G in becoming a global leader in innovating the way transmission networks operate," said Brian Perusse, the VP of Sales & Market Development for the EMEA region at Fluence.

"We have assembled the strongest specialists in this field, we have a leading partner Siemens Energy and Fluence Consortium, and we are focused and ready to start the implementation so that Lithuania will have an instantaneous electricity reserve in December next year," said Rimvydas Žilinis, the CEO of Energy cells.

An international tender was launched for the design, manufacture, and installation of the energy storage facilities system, as well as for technical support services for the works of the Lithuanian electricity system.

The Government of the Republic of Lithuania appointed Energy cells as the operator of the storage facilities that will provide Lithuania with an instantaneous electricity reserve.

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Web: <https://www.sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

