

Standalone energy storage project financing options in Finland 2026

Does Finland have energy storage?

This paper has provided a comprehensive review of the current status and developments of energy storage in Finland, and this information could prove useful in future modeling studies of the Finnish energy system that incorporate energy storages.

Which energy storage technologies are being commissioned in Finland?

Currently, utility-scale energy storage technologies that have been commissioned in Finland are limited to BESS (lithium-ion batteries) and TES, mainly TTES and Cavern Thermal Energy Storages (CTES) connected to DH systems.

Is this Finland's largest battery energy storage system?

Swedish flexible assets developer and optimizer Ingrid Capacity has joined hands with SEB Nordic Energy's portfolio company Locus Energy to develop what is claimed to be Finland's largest and one of the Nordics' largest battery energy storage systems (BESS). The 70 MW/140 MWh BESS project will be located in Nivala, northern Finland.

Is energy storage a viable solution for the Finnish energy system?

This development forebodes a significant transition in the Finnish energy system, requiring new flexibility mechanisms to cope with this large share of generation from variable renewable energy sources. Energy storage is one solution that can provide this flexibility and is therefore expected to grow.

Will MW storage build a Bess in southern Finland?

Southern Finland is where the country's main population and energy consumption hubs are, and so is where many of its BESS are being built. If they are both new, it will be MW Storage's fourth and fifth projects in the country.

Will RPC build a 50 MW battery energy storage system in Finland?

Renewable Power Capital (RPC) has signed key construction and supply contracts for their 50 MW battery energy storage system (BESS) facility in Finland. This is RPC's first BESS and is planned to be operating in Summer 2026. Located in Uusikaupunki, Finland, the project will bring 50 MW/100 MWh of storage to the system.



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