
Helsinki Mobile Energy Storage Container DC

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.

What is the future of energy storage in Finland?

Reserve markets are currently driving the demand for energy storage systems. Legislative changes have improved prospects for some energy storages. Mainly battery storage and thermal energy storages have been deployed so far. The share of renewable energy sources is growing rapidly in Finland.

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.

What is the storage capacity of water tank thermal energy storage in Finland?

Water TTESs found in Finland are listed in Table 7. The total storage capacity of the TTES in operation is about 11.4 GWh, and the storage capacity of the TTES under planning is about 4.2 GWh. Table 7. Water tank thermal energy storages in Finland. The Pori TTES will be used for both heat and cold storage.

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