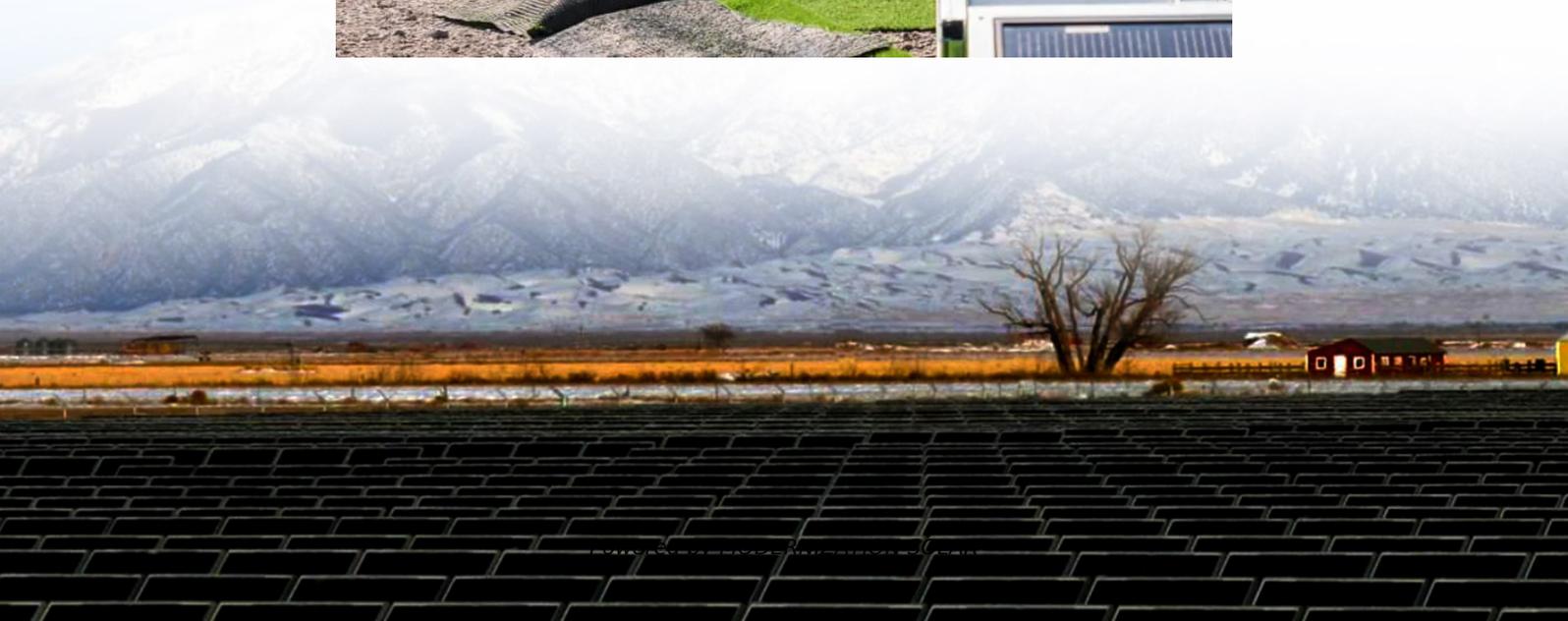


Helsinki PV grid-connected energy storage





Overview

Is there a favourable location for industrial-scale grid energy storage in Finland?

Fingrid has analysed some favourable locations for industrial-scale grid energy storage in Finland. For this reason, it is advisable to contact the transmission system operator in advance when studying projects, as this may help to avoid significant challenges or delays in projects.

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.

Are co-located battery energy storage systems a problem in Finland?

Investments into co-located battery energy storage systems in Finland have, however, so far been hindered by the regulatory restrictions on connecting such hybrid projects to the national grid.

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.



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