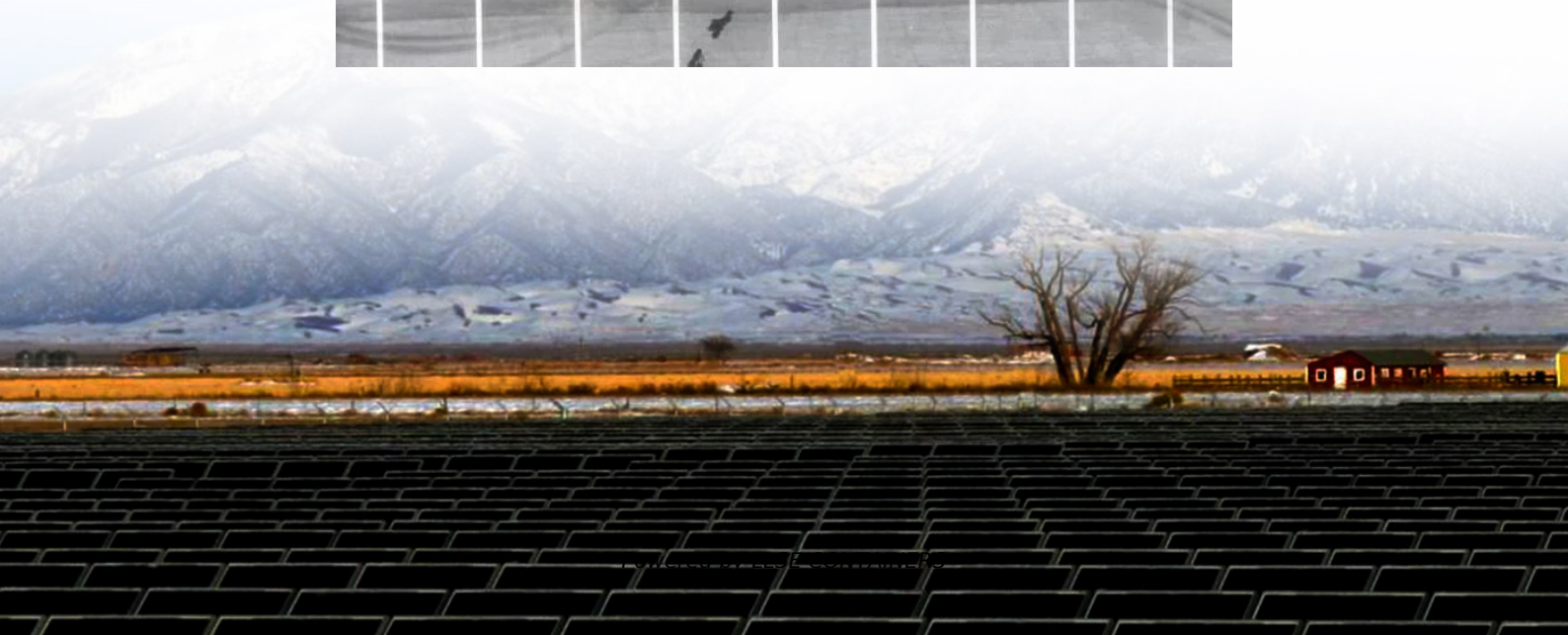


# Finland emergency energy storage power supply





## Overview

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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.

What is the security of energy supply in Finland?

In Finland, the security of energy supply is based on the country's decentralised, diversified and efficient energy production. Stocks of imported fuels and contingency and preparedness plans ensure the transfer, distribution and transport of energy in the event of disruptions.

Is energy storage the future of wind power generation in Finland?

Wind power generation is estimated to grow substantially in the future in Finland. Energy storage may provide the flexibility needed in the energy transition. Reserve markets are currently driving the demand for energy storage systems. Legislative changes have improved prospects for some energy storages.

Is the energy system still working in Finland?

However, the energy system is still producing electricity to the national grid and DH to the Lempäälä area, while the BESSs participate in Fingrid's market for balancing the grid. Like the energy storage market, legislation related to energy storage is still developing in Finland.



## Finland emergency energy storage power supply

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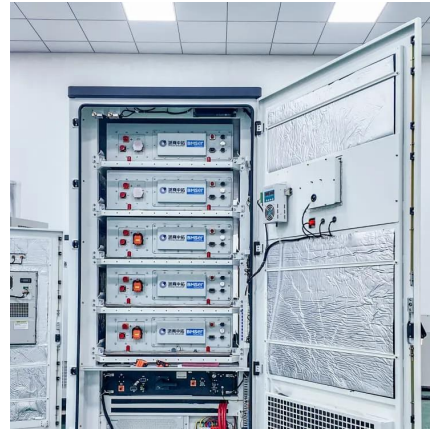
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Currently, utility-scale energy storage technologies that have been commissioned in Finland are limited to BESS (lithium-ion batteries) and TES, mainly TTES and Cavern Thermal Energy ...





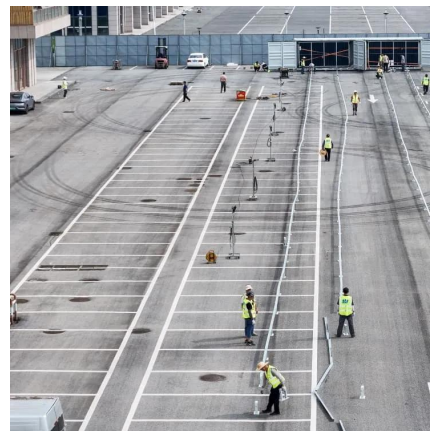
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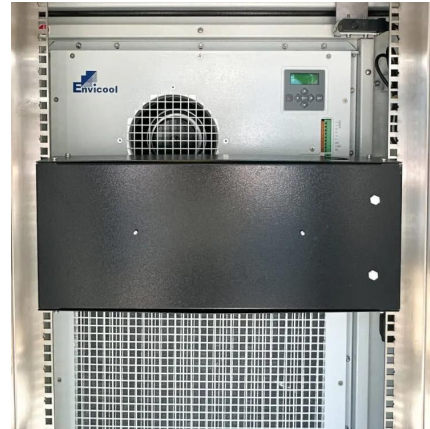
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