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Assumptions for various elements of energy system infrastructure were made for the Åland built environment, district heating system, gas distribution infrastructure, modes of transportation, and energy storage systems based on changes to population structure between 2014 and 2030.

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Elisa was a winner at the 2023 Energy Storage Awards, hosted by our publisher Solar Media in September last year, in the category of Distributed Energy Storage Project of the Year. The project follows a successful trial deployment by Elisa with Åland Islands-based telecoms provider Icom and local solar PV company Solel Åland.

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Icom, the local operator serving Finland's Åland Islands, is to power its basestation batteries through solar panels, using Elisa's Distributed Energy Storage (DES) offering.

Solar PV arrays of around 5kW generation capacity will be typically paired with 400Ah battery storage

systems at mobile network towers on the Åland Islands, an autonomous region in the Baltic Sea between the southwest coast of Finland and east coast of Sweden.

developed algorithm has been applied by considering real data of a harbour grid in the Åland Islands, and the simulation results validate that the sizes and locations of battery energy storage systems are accurate enough for the harbour grid in the ...

Elisa Distributed Energy Storage (DES) utilises the backup batteries in telecom network base stations to store energy and release it as needed. Network operator Elisa from the Åland ...

Elisa Distributed Energy Storage (DES) utilises the backup batteries in telecom network base stations to store energy and release it as needed. Network operator Elisa from the Åland Islands is the first operator to deploy Elisa DES for solar energy.

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