



Elisa distributed energy storage Moldova

What is Elisa's distributed energy storage solution?

Press release 15 February, 2023 Elisa to accelerate Distributed Energy Storage solution - Europe's largest distributed virtual power plant in the making in Finland. If you'd like to hear more about Elisa's Distributed Energy Storage solution, leave your contact details here and someone from the team will be in touch shortly.

What is distributed energy storage?

Elisa's Distributed Energy Storage solution uses the flexibility of backup power batteries to control electricity supply in thousands of base stations in the mobile network.

How will Elisa benefit telecoms operators?

Elisa's approach will also enable telecoms operators to develop a new revenue stream through participating in the energy market and optimising their own energy purchases, thereby dramatically reducing their energy costs.

Elisa has developed its unique DES solution, an AI/ML powered engine that allows it to transform its radio access networks into a distributed virtual power plant that optimises energy management through the efficient charging and discharging of storage batteries.

Elisa's Distributed Energy Storage solution enables a distributed virtual power plant (VPP) solution to be deployed using the Radio Access Network. This is built on an AI/ML software engine that adjusts each battery between charging and ...

To convert a telecoms network and battery storage to form the role of a VPP, Elisa's AI-powered DES solution enables "load shifting", which is the ability to purchase ...

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

At Mobile Europe's Telco to Techco 2024, Jukka-Pekka Salmenkaita, VP of AI & Special Projects at Elisa presented a talk looking at their Distributed Energy Storage (DES) ...

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Distributed Energy Storage - DES - converts your mobile network infrastructure into a dynamic battery storage network - and unlocks opportunities to support smart grids while delivering ...

The Distributed Energy Storage solution powered by AI/ML uses the flexibility of backup power batteries to control electricity supply in thousands of base stations in the mobile network throughout the day. The DES system optimizes the timing of electricity purchases by scheduling charging and discharging periods for the batteries.

Elisa's Distributed Energy Storage (DES) project was born of that quest, and we are genuinely excited about the potential it has to provide a clean, green energy solution capable of serving ...

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Explored in a white paper launching today, Distributed Energy Storage (DES), good for business, good for the grid, good for the planet, Elisa demonstrates that applying the ...

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