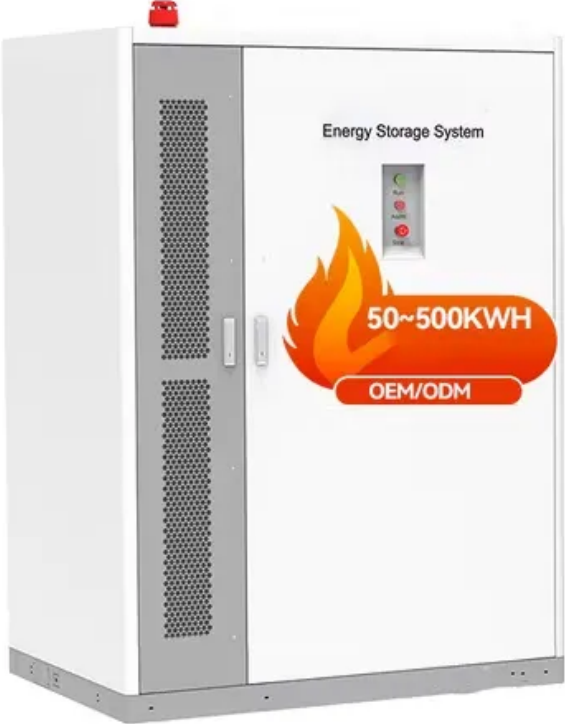


# Finnish communication base station battery energy storage system solution company



## Finnish communication base station battery energy storage system



### [DNA Tower to offer battery capacity in electricity reserve markets with](#)

With the AI-powered solution, DNA Tower Finland gains significant benefits from grid-balancing services in the reserve markets. Elisa DES also optimizes the electricity consumption of

### [Finland telecoms firm to deploy 150MWh battery virtual power plant](#)

Finland telecommunications firm Elisa has received EUR3.9 million (US\$4.17 million) from the government to form a VPP using batteries which could be the largest of its kind in Europe.



### [150MWh battery storage virtual power plant to roll out by Elisa, a](#)

Elisa's DES system is used to convert its radio access network into a distributed VPP by using installed batteries. This enables the company to optimize energy procurement for its thousands of base



## Virtual power plant

Elisa has received a permit from Fingrid, the Finnish national electricity transmission system operator, to use the backup batteries in its base stations in the grid balancing market in Finland - the first





### [Elisa granted EUR3.9m by Finnish gov't to roll out virtual power plant](#)

Elisa's DES solution is an AI/ML-powered engine that can transform its radio access network into a distributed virtual power plant that optimizes energy management through more

### [AI-enabled basestations create virtual power plant in Finland](#)

To convert a telecoms network and battery storage to form the role of a VPP, Elisa's AI-powered DES enables load shifting to purchase electricity from the grid during low-cost periods and



### **DNA Tower and Elisa DES Lead Grid Markets in**

DNA Tower Finland uses base station batteries to join the Finnish power reserve market and develops AI-powered DES technology to balance grid.

### [Elisa Oyj: DNA Tower becomes world's first tower company to offer](#)

DNA Tower Finland, a Telenor Towers company, has successfully connected base station batteries to the Finnish electricity reserve market using Elisa Industriq's AI-based Distributed Energy Storage



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