



# Helsinki grid modernization

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Helsinki's ambitious climate goals, combined with rapid urbanization, pose significant challenges to the city's power grid. The increasing adoption of heat pumps, electric vehicle charging ...

In late 2025, Finnish researchers demonstrated a wireless electricity transmission system capable of delivering power through the air--without cables, plugs, or physical infrastructure. ...

Finland's transmission system operator Fingrid Oyj and its partners are planning to build a new 400 kilovolt underground power cable in Helsinki. The tentative route planned for the underground cable ...

Construction of a new underground main grid cable link in Helsinki will begin this spring. The project, run jointly by Helen Electricity Network, the City of Helsinki and Fingrid, will respond to ...

Finland's transmission system operator Fingrid decided in December 2022 to invest more than EUR 100 million in building a cable link. This spring, the City of Helsinki, Helen Electricity ...

Fingrid, Helen Electricity Network, and the City of Helsinki are working closely together, as the need for electricity transmission in Helsinki is expected to double in the next few years.

The Finnish main grid operator, Fingrid Oyj, spearheaded the construction of a new building to house a 110 kV Gas-Insulated Switchgear (GIS) system, replacing the outdated air ...

Offshore wind in Finland Fingrid has received more than 90 GW of preliminary connection inquiries from offshore wind developers Open door policy - there's no direct governmental subsidies for the projects ...

Construction of a new underground main grid cable link in Helsinki will begin this spring, said Finnish national electricity transmission grid operator ...

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