



# FINGRID

## Main grid development plan 2026–2035

### Investments in electricity transmission links continue to grow

*The main grid development plan aims to enable prosperity creating industrial investments in clean electricity and reaching of climate targets. Clean, affordable and reliable electricity is a key factor in Finland's competitiveness and a source of well-being.*

Finland's main grid is currently being reinforced more than ever before, and at an accelerating pace: investments will reach EUR 1.7 billion in the period 2025–2028. The projects presented in the main grid development plan are based on Fingrid's forecasts of customer needs, which have been used to identify development needs, and particularly in main grid trunk connections. The plan also presents transmission line projects that will serve customer needs and whose zoning and permit processes have progressed. The timeline for reinforcing the main grid may change as customer needs and forecasts are updated.



*Fingrid's mission is to secure reliable electricity for our customers and society and shape the power system of the future in the rapidly changing operating environment.*

#### Main grid development plan key points:

- Main grid development plan has identified the need to significantly strengthen north-south and west-south transmission connections. These will be implemented with new transmission lines and compensation solutions.
- About two-thirds of the country's electricity consumption is located in Southern Finland, to the south of Tampere. Several transmission connections will be completed by the end of the decade to reinforce transmission lines in the region.
- At the moment, it is possible to connect new electricity production and consumption to Eastern Finland. Fingrid is actively monitoring the situation in Eastern Finland and preparing to launch the necessary grid reinforcements as customer projects progress. In addition, Fingrid is launching an environmental impact assessment in preparation for the implementation of an eastbound 400-kilovolt transmission link.
- Fingrid is also seeking to make more efficient use of the existing grid through a variety of measures aimed at increasing its transmission capacity, and with the aid of customer flexibility, but without compromising security of supply.
- Effective development of the main grid also requires sufficient financial resources and effective permitting processes.

# The main grid development plan is flexible

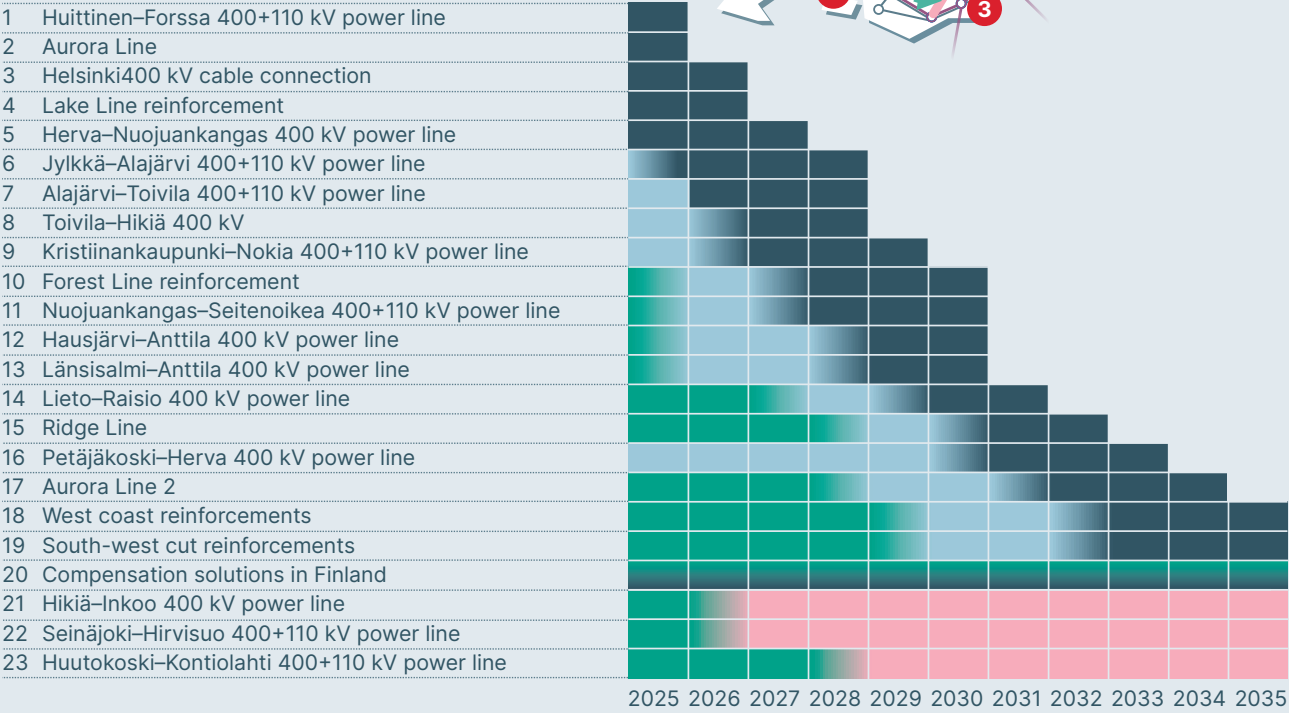
Many projects involve uncertainties and not all of them will materialise as planned.

### Map

- Existing 400 kV power line
- Existing 220 kV power line
- Existing 110 kV power line
- Development needs of the main power transmission network\*
- Reinforcement needs as a result of regional production or/and consumption growth
- \* More uncertainties in scedule and needs

### Table

- EIA procedure /pre-planning
- General planning and permitting
- Construction
- General planning and construction if regional production/consumption grows



**The main grid development plan** presents the development needs of the main grid for the next ten years. The preparation of the grid development plan is subject to the provisions of the Electricity Market Act, and the plan is updated every two years. A draft development plan 2026–2035 was published 4 September 2025 for stakeholder comments. The final main grid development will be published in the end of 2025.