

Helen Electricity Network Achieves Record Reliability in Helsinki

In **2025**, GEODE's Finnish member [Helen Electricity Network](#) achieved **record-breaking electricity distribution reliability in Helsinki**, reaching **99.9998% security of supply**. This means that customers experienced only about one minute of power interruption throughout the entire year, confirming Helen Electricity Network's place among **Europe's leading companies in electricity distribution reliability**.

The exceptional reliability of Helsinki's electricity network is largely due to its **extensive underground and looped distribution network**, combined with innovative technical solutions that reduce the customer impact of faults, limit disruptions to small areas, and enable rapid restoration of supply. **More than 99% of the distribution network runs underground**, and when the higher-voltage **110 kV network** is included, the underground **cabling rate** reaches **97%**. The high reliability is further supported by **24/7 monitoring of the network** and immediate response to faults.

This excellent security of supply is the result of **long-term investments** and **continuous network development**. At the same time, **electricity consumption** is expected to **grow significantly** as the clean energy transition accelerates, driven by the electrification of heating, data centres, electric traffic, and Helsinki's growing population. To meet these challenges, **Helen Electricity Network will continue investing in strengthening and modernising the grid**, with a focus on **increasing capacity, expanding automation, and renewing existing network**.