The future is electric

Auke Lont, CEO Statnett

Irena Innovation week, September 2018
The future is hard to predict

The new "crude oil parity"
This is Statnett

- Statnett is the system operator and responsible for the balance of the Norwegian power system.
- Statnett operates and owns approx. 11,000 km of power lines and cables, with about 150 substations across the country.
- Statnett is also responsible for interconnectors to Sweden, Finland, Denmark and the Netherlands.

Decentralized
- 40% of generation connected to DSOs

Renewable
- 98% hydro/wind
A decarbonized power sector will drive the energy transition.
Statnett contributes to this future

- Stronger grids
- Smarter systems
- Better markets
Stronger grids

Bringing markets together

Nordics: 50% increase in interconnector capacity by 2025

cope with variations from intermittent renewable sources
create value
Nordic balancing

Today the Nordic frequency is balanced in the whole synchronous area.

Modern IT solutions enable effective netting and trade.

Illustration: SvK
THE FUTURE IS ELECTRIC
and the system will work

A long-weekend in Denmark