OUR FUTURE POWER SYSTEM NEEDS BOTH SMALL AND LARGE SCALE SOLUTIONS

Mats Ladeborn

Vice President, Fleet Development BA Generation



POWER CLIMATE SMARTER LIVING



At Vattenfall we exist to help all of our customers power their lives in ever climate smarter ways and free from fossil fuel within one generation



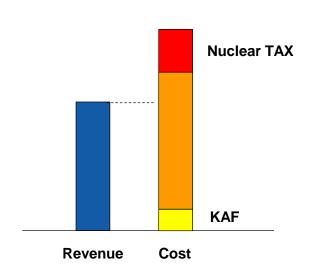
THE ENERGY AGREEMENT



- 100% renewable in 2040
- Nuclear tax is removed, no stop law
- Hydropower property tax is equalized
- 18 TWh of new electricity certificates
- Increased transmission capacity within Sweden and to other countries
- Continue to be a net exporter



ENSURE LONG-TERM STABILITY





Availability Cost Safety



Implementing the Water directive

Maintain regulating capability

Minimize energy loss

Fond solution for small scale



A SYSTEM ENVIED BY MOST





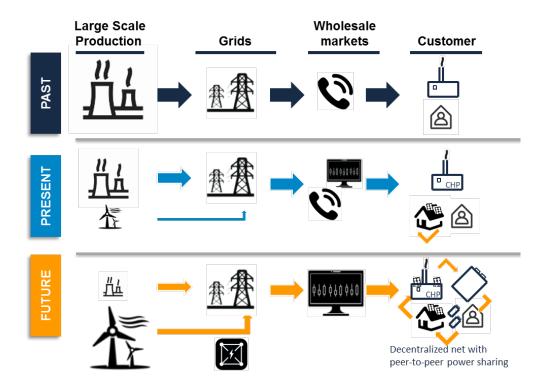








CENTRAL AND DECENTRAL – SIDE BY SIDE





OUR BELIEFS ABOUT THE FUTURE

Further electrification will be a key enabler for reducing CO₂ emissions

The future energy system will consist of both central and decentral energy solutions

Lean operations is a prerequisite for value creation and growth



EXCITING TIMES AHEAD

- Develop and operate our present power fleet
- Electrify transport and industry processes
- More renewables in to the system
- New transmission connections, keep the grid stable, enable new producers





THANK YOU