

Increased capacity in existing grid

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Last decade: ~10 % increased production and consumption

Max power consumption (MW)



Max power production (MW)



Now: The green change of pace

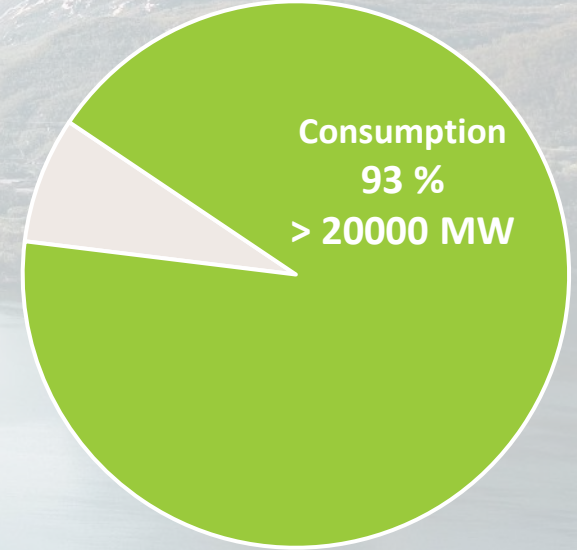
Connection applications per year



Applications since 2020

Production
7%
~ 1500 MW

Consumption
93 %
> 20000 MW



An asset owner optimizing societal gain and searching for grid capacity in a 1 – 8 year span ...

- ... measures grid capacity as a key performance indicator
- ... coordinates across asset portfolio and enhances activity to increase capacity where possible and needed in the existing grid
- ... increases use of long term over-load on power transformers
- ... implements technical upgrades of power lines, such as temperature upgrades, HTLS conductors, DLR etc.
- ... prioritizes digitalization that contributes to increased asset utilization

Increased risk of interrupted power supply and decreased reliability for existing consumers



Decreased asset life time and increased maintenance cost



More maintenance and replacements → less resources for building new grid capacity

