



A MORE RENEWABLE EUROPE

Upgrading hydropower – our contribution
to an emission-free future







0-100% output in 1 min



NEW MODERN HYDRO POWER



1 minute



HYDRO POWER PLANT



10 minutes



COAL POWER PLANT



24 hours



NUCLEAR POWER PLANT



1 week



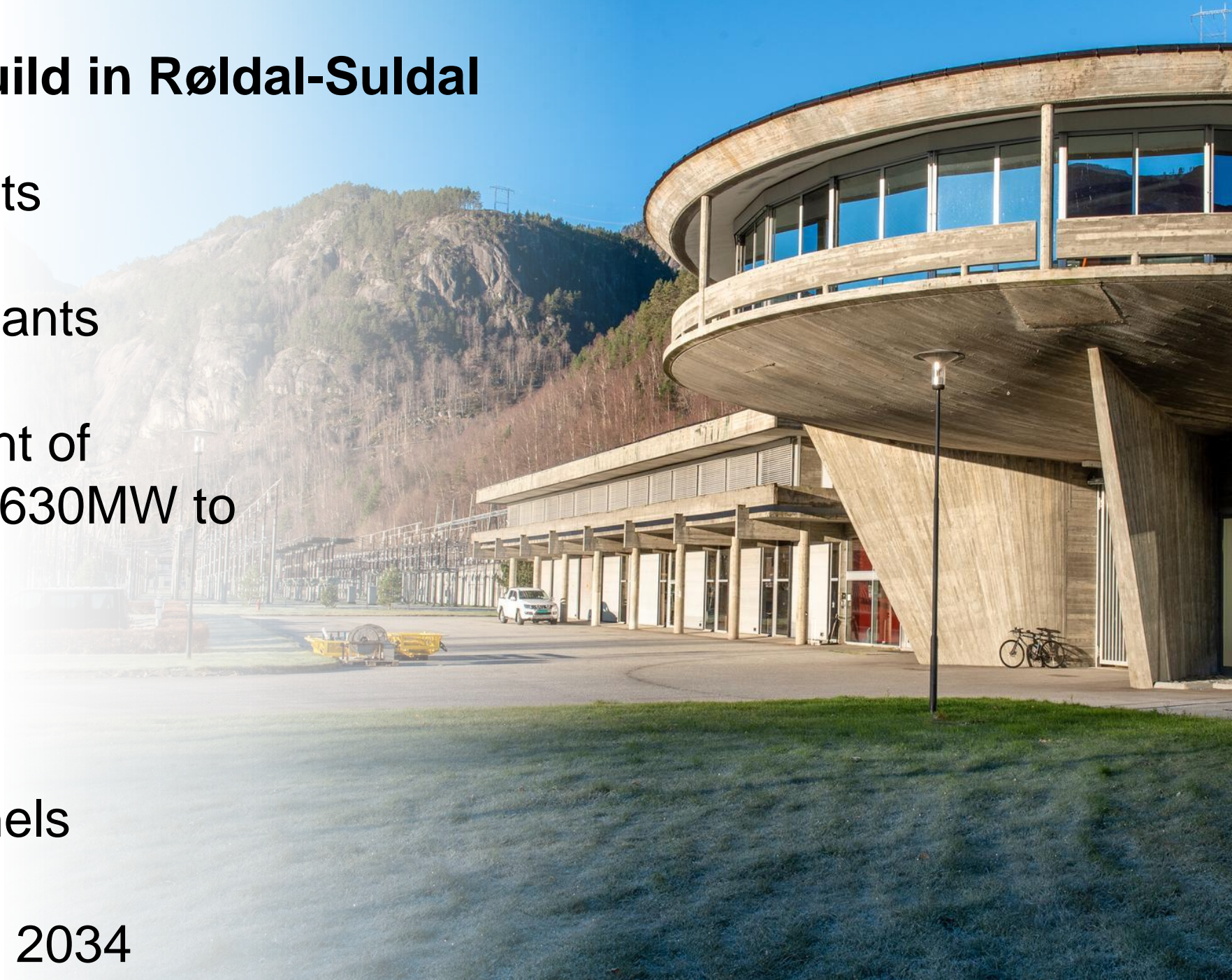
Lysebotn 2 upgraded in 2018

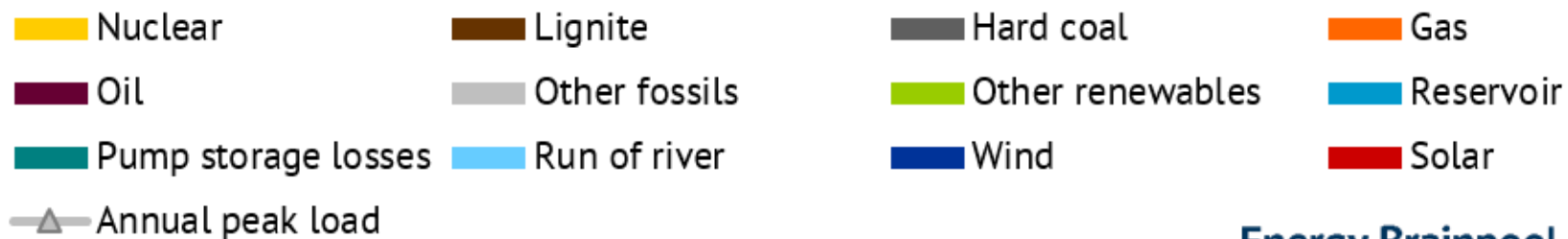
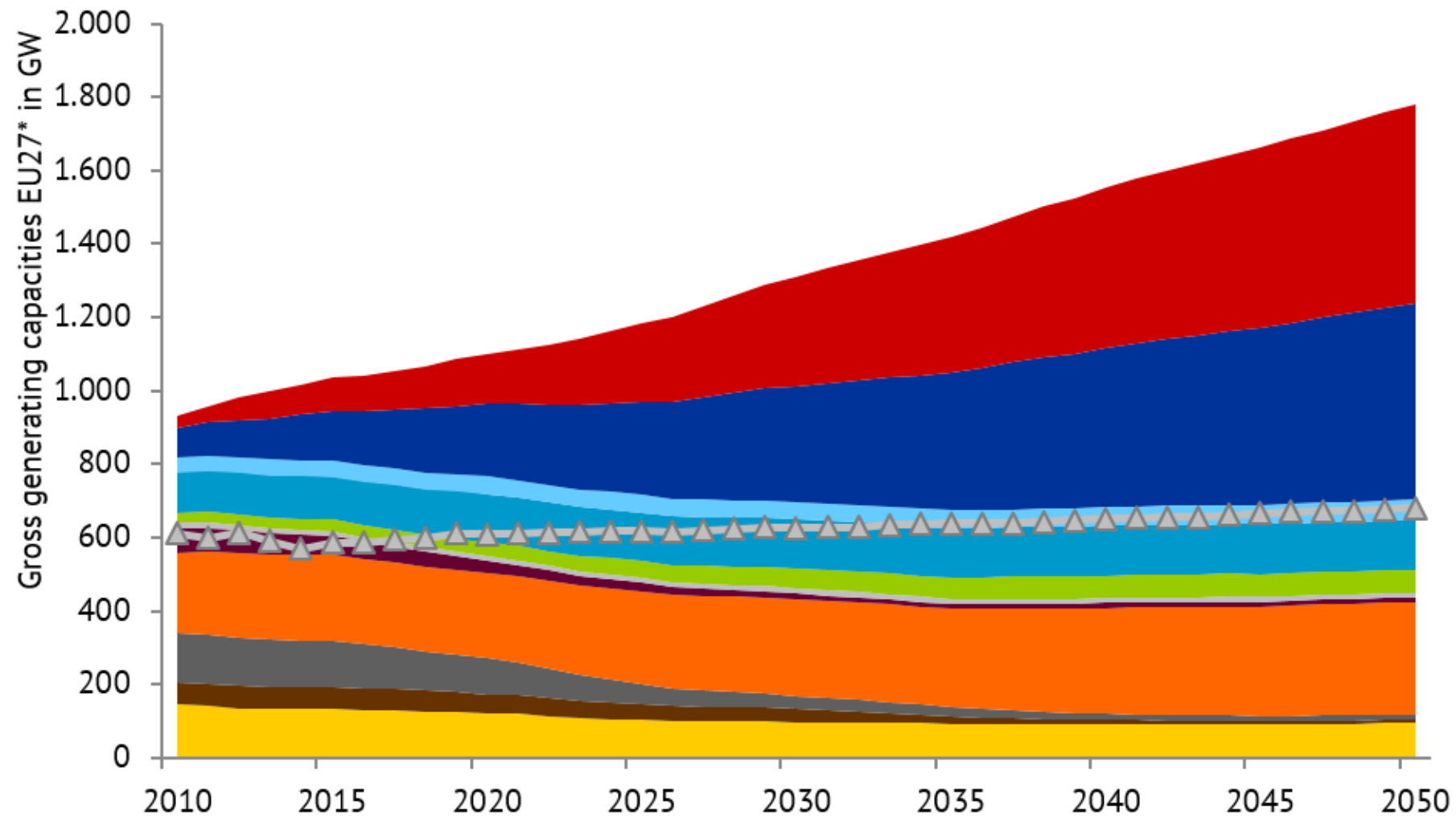
- Almost no adverse environmental impacts
- Installed capacity increased from 210 MW to 370 MW (+ 76%)
- Energy storage capacity increased by 14%

Now we are planning to do it all over again – just twice as big

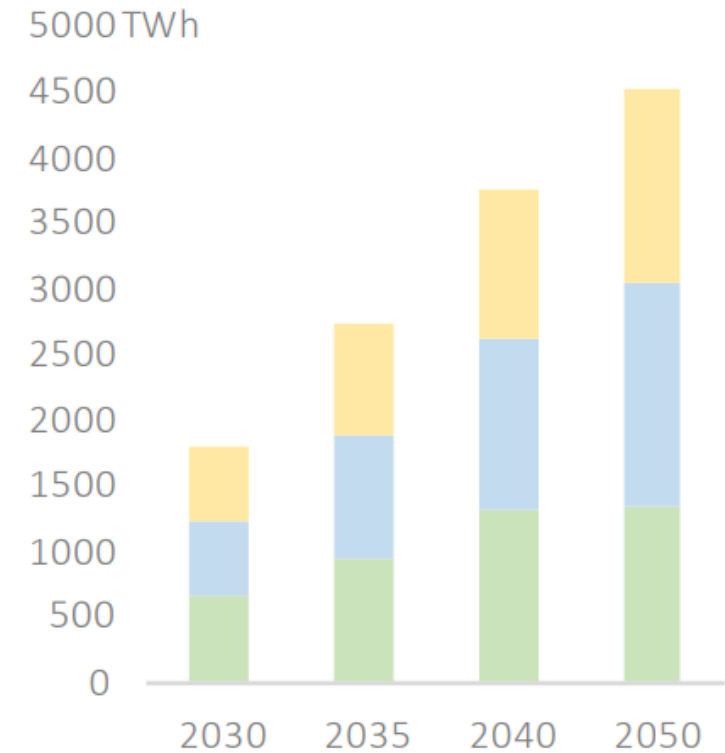
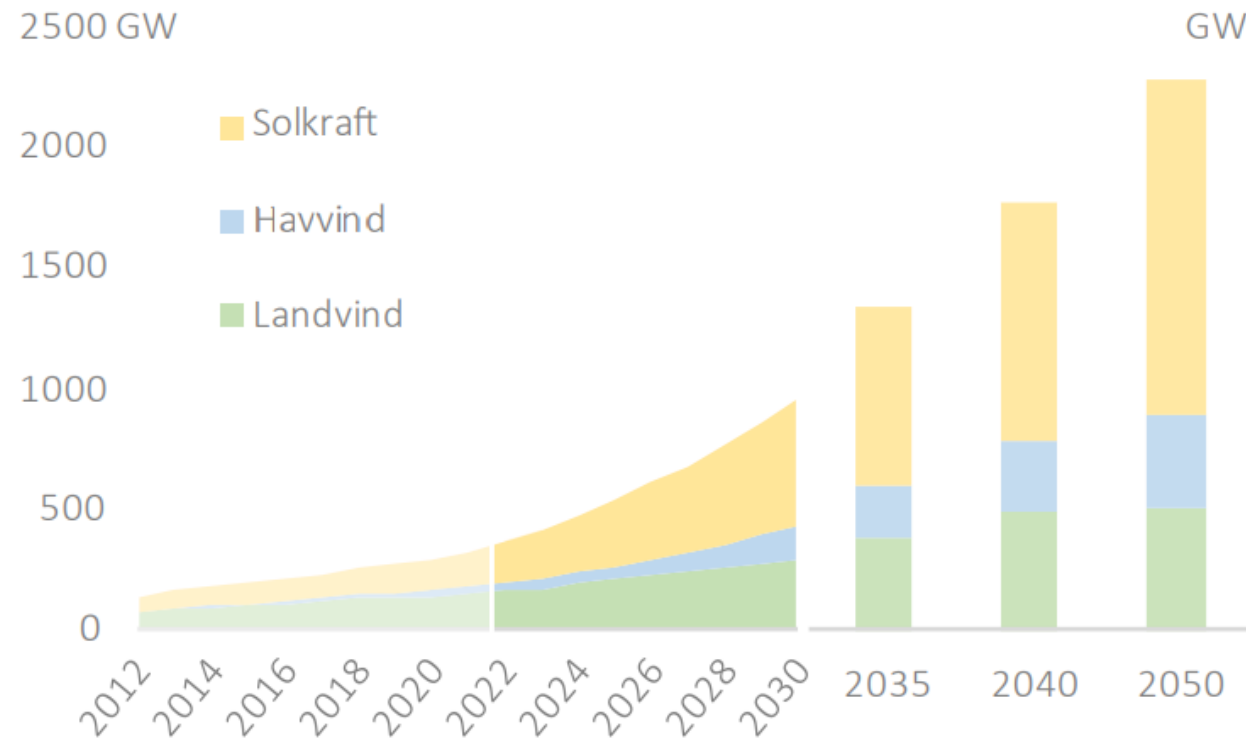
What we want to build in Røldal-Suldal

- 5 new power plants
- 3 new pumping plants
- Double the amount of horsepower from 630MW to 1280MW
- 7-800 million €
- 40km of new tunnels
- Could be ready in 2034

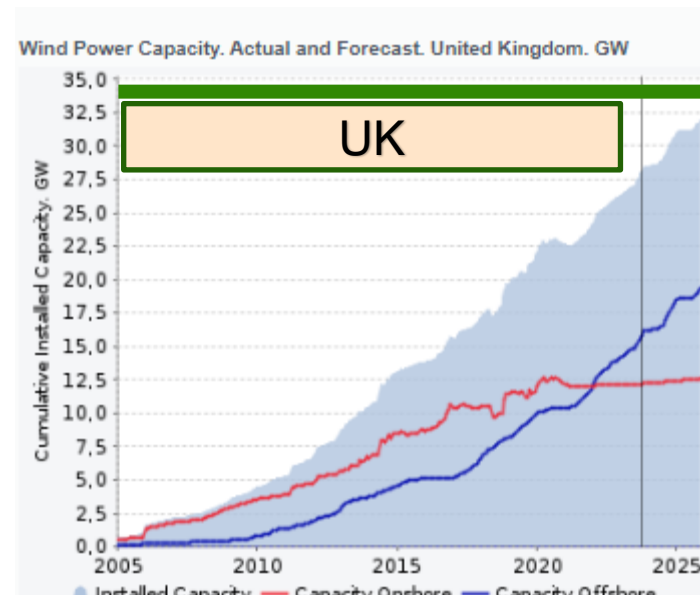
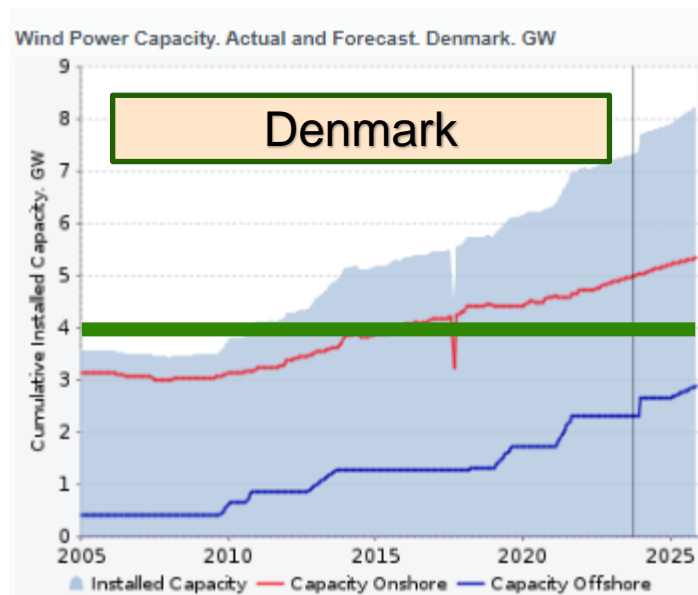
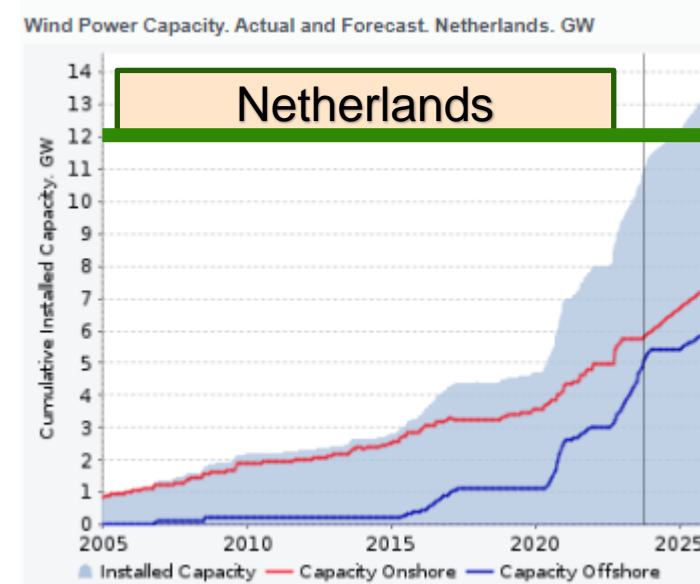
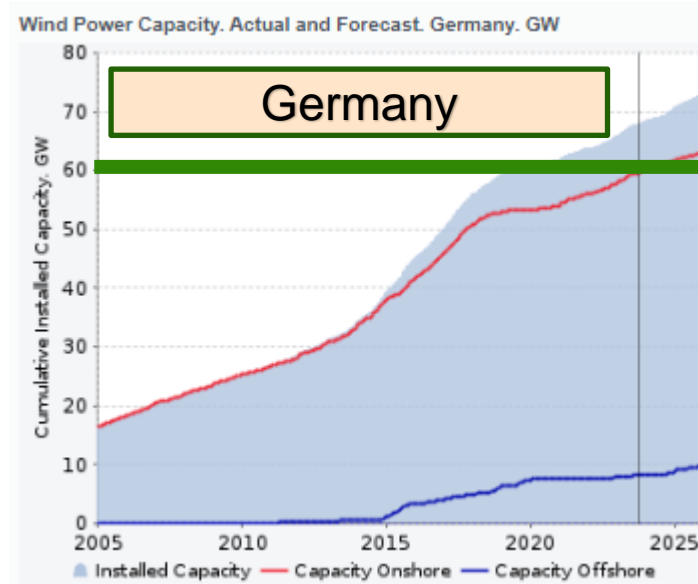




The trends for solar and wind in an even longer perspective.

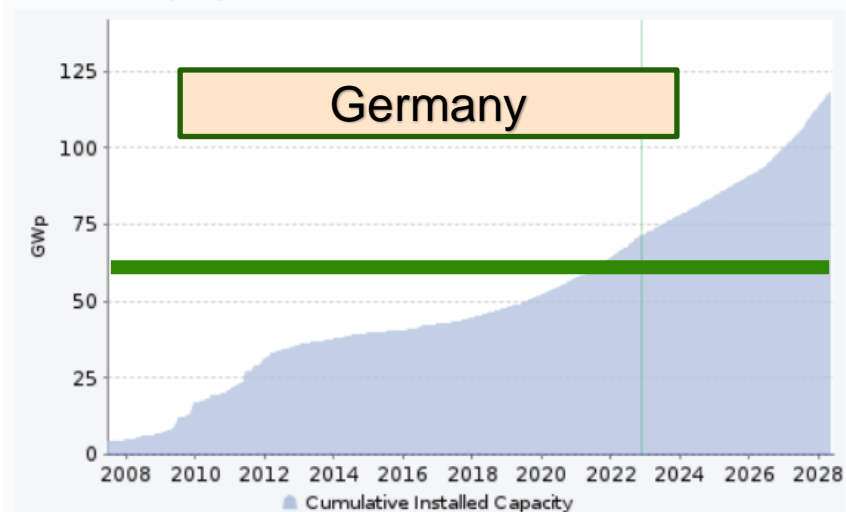


Wind power generation around us

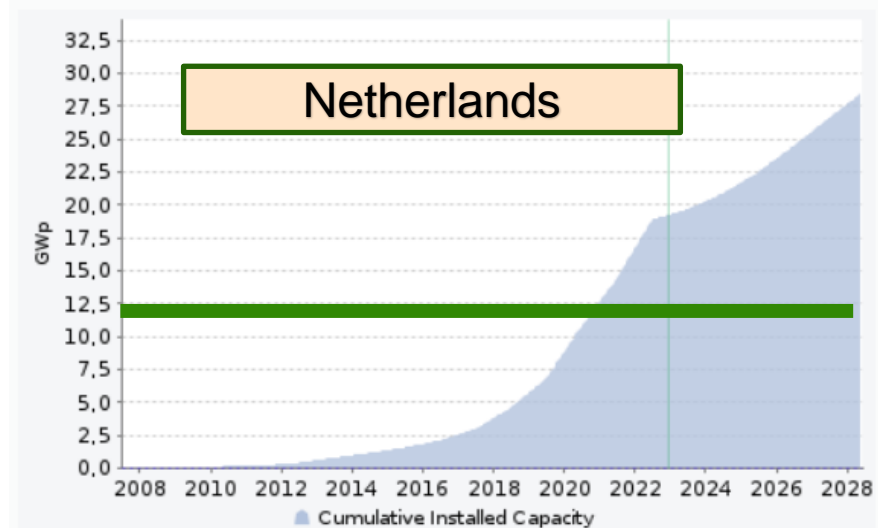


Solar power generation around us

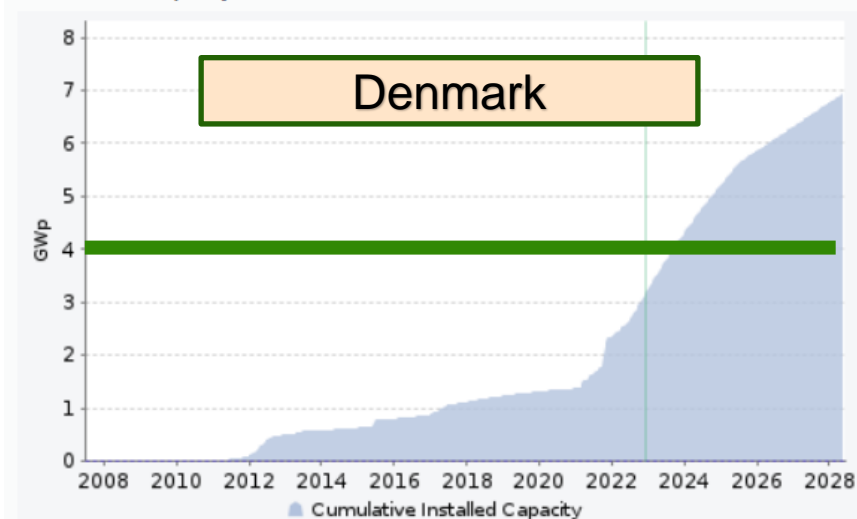
Photovoltaic Capacity. Actual and Forecast



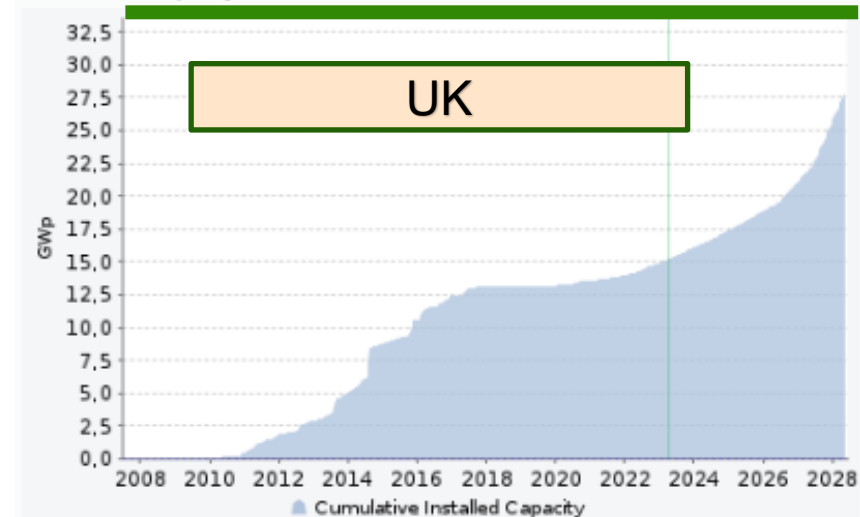
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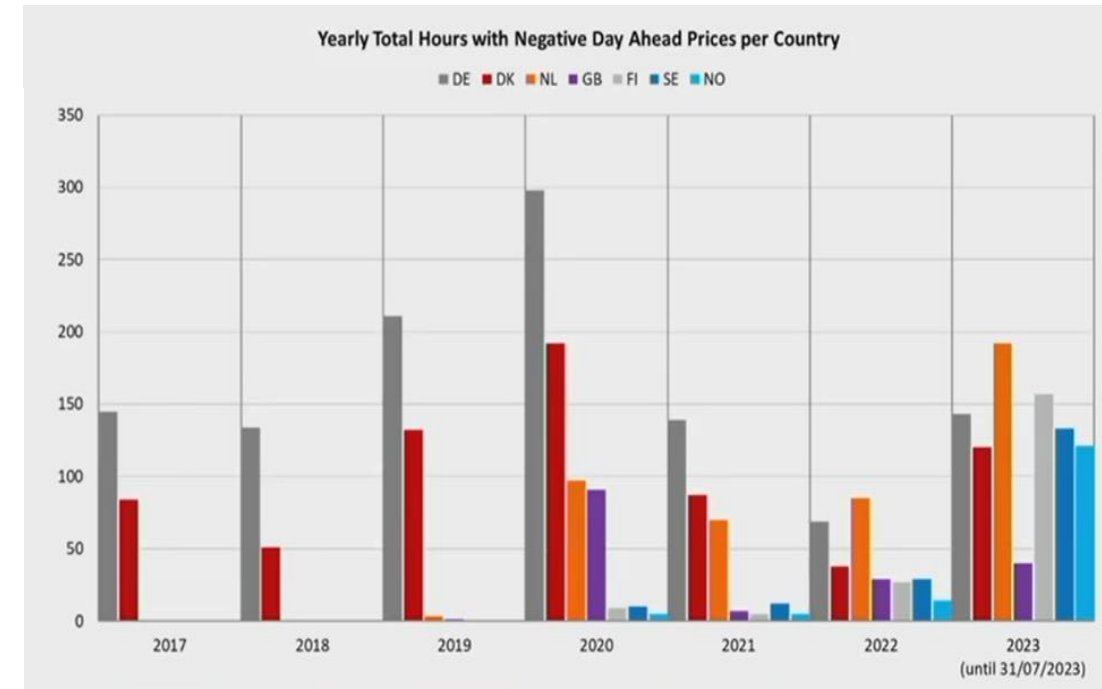
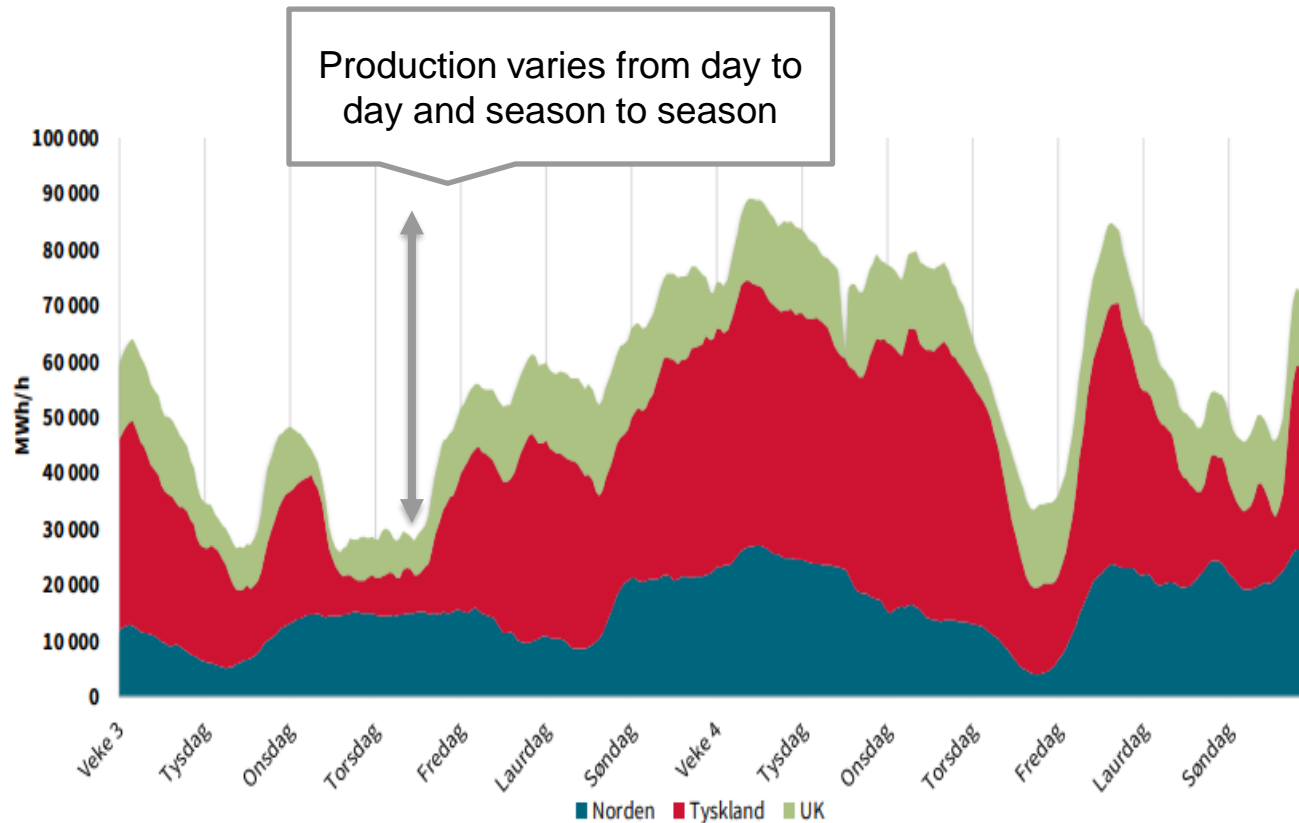
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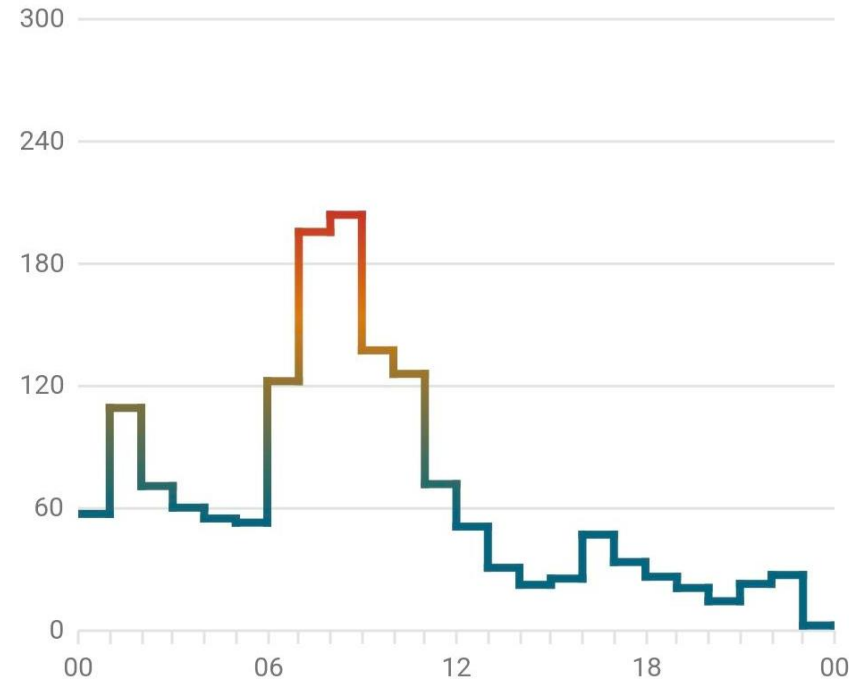
Number of hours with negative prices will increase - exponentially



From 2 øre to 2 NOK – 9900% difference

dag 4. oktober **Onsdag 5. oktober** Torsdag 6. okt

øre/kWh

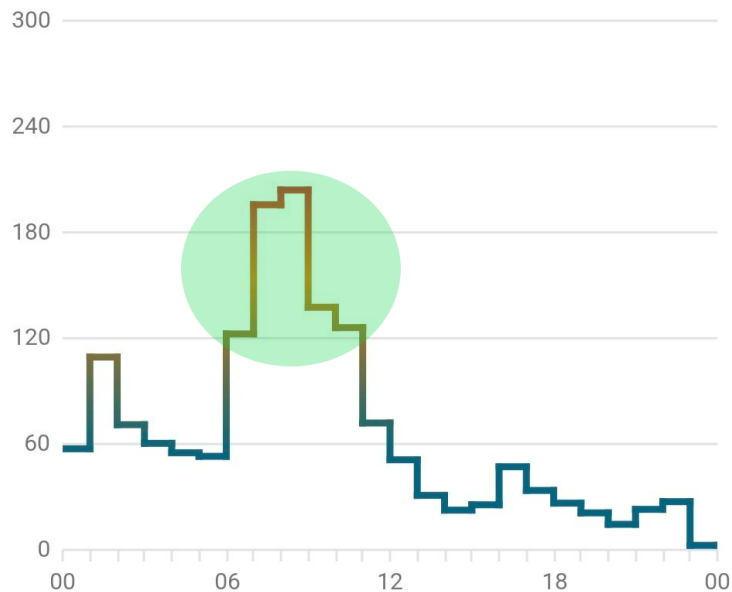


New hydro power vs old hydro power



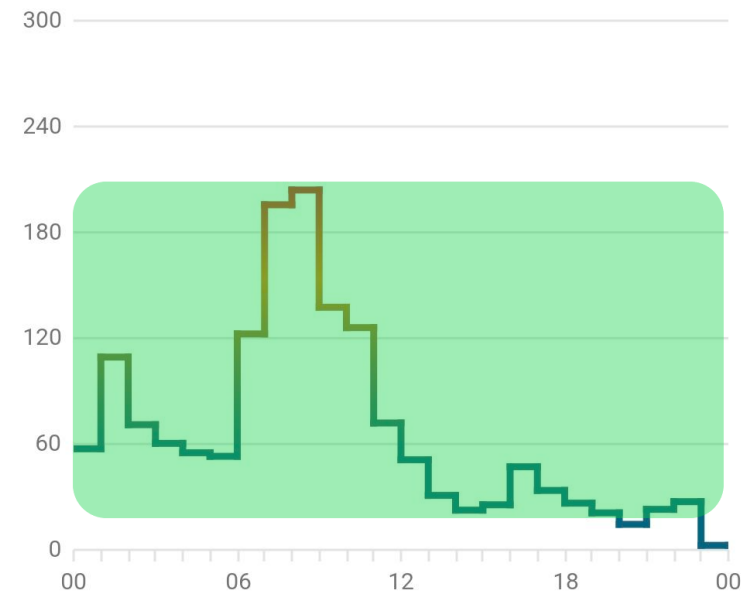
Onsdag 5. oktober

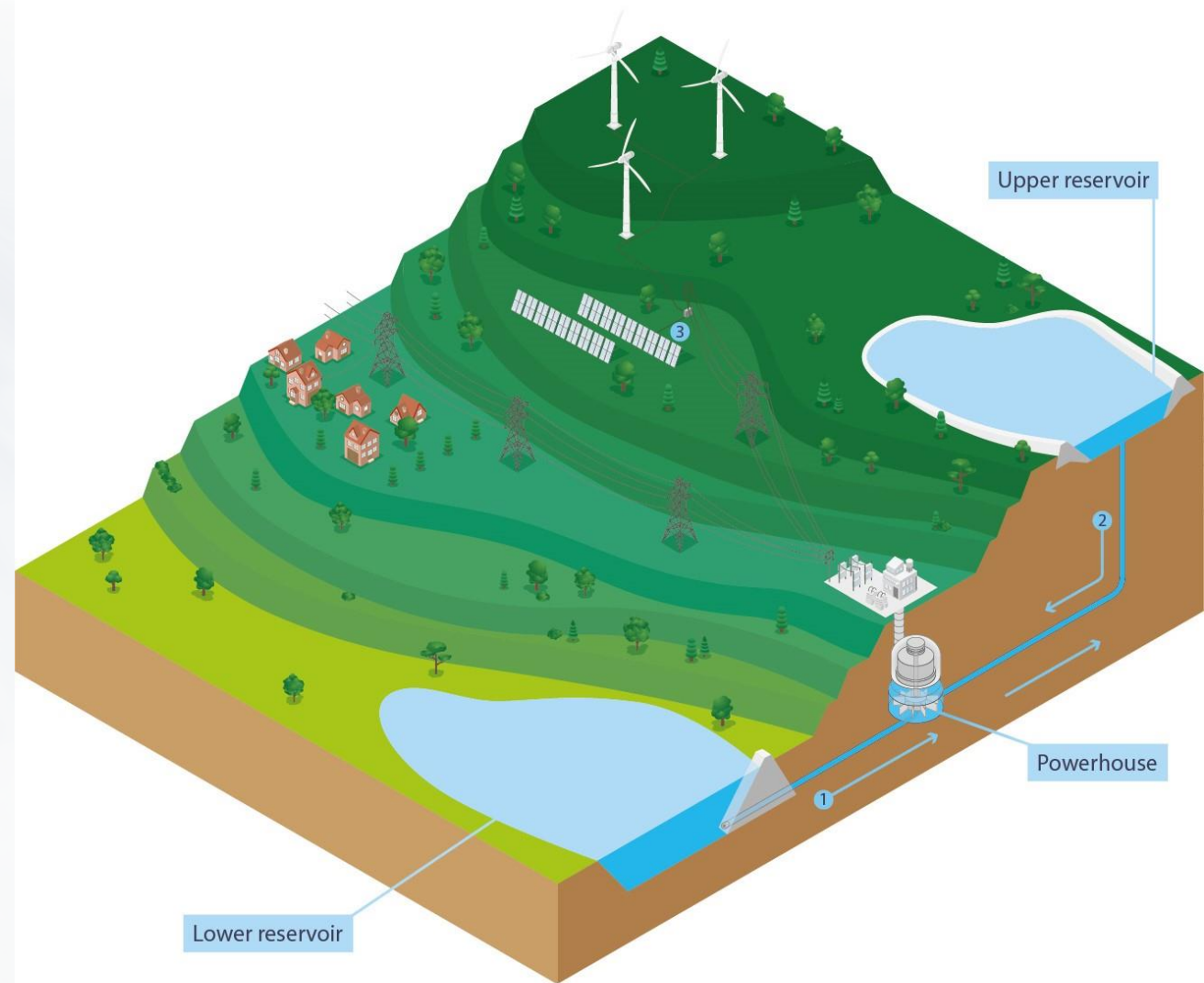
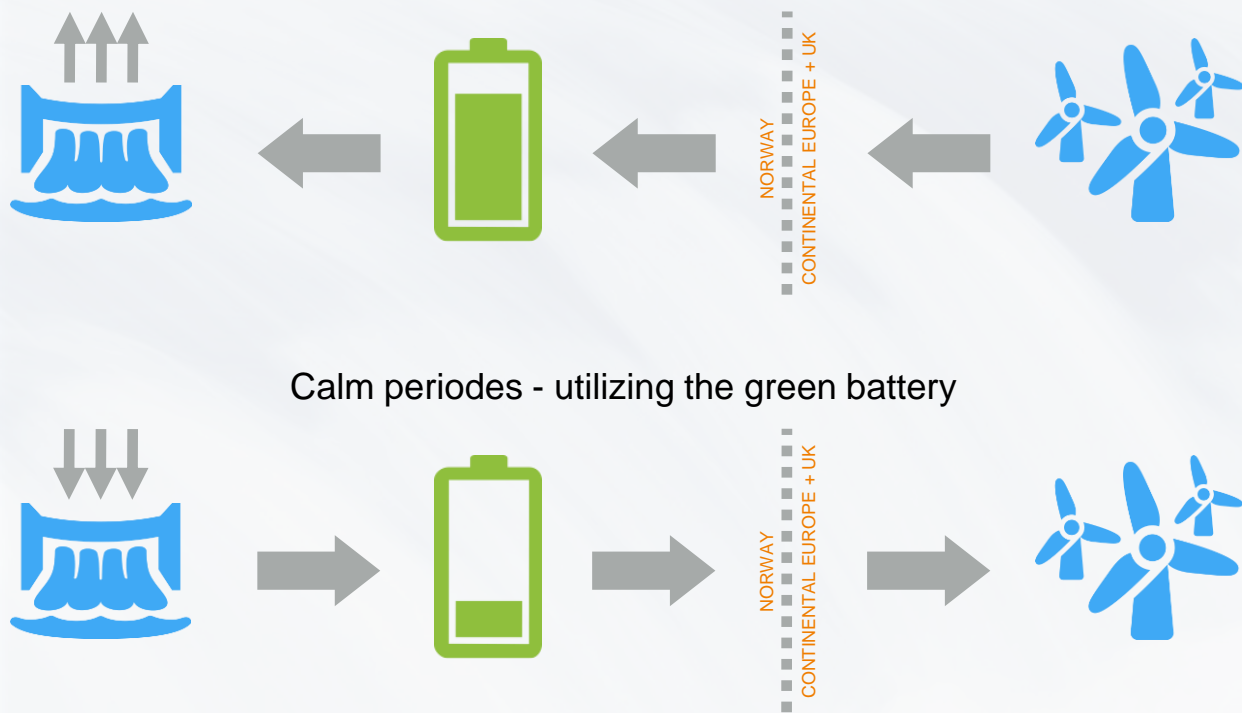
øre/kWh



Onsdag 5. oktober

øre/kWh





PERFECT MATCH



