

Project Drivers

SECURITY OF SUPPLY

By tapping into the Nordic Region's hydro-power the UK will be able to import power when required, during planned shut-downs of generation plant, in periods of low generation and in emergencies (un-planned shut-downs).

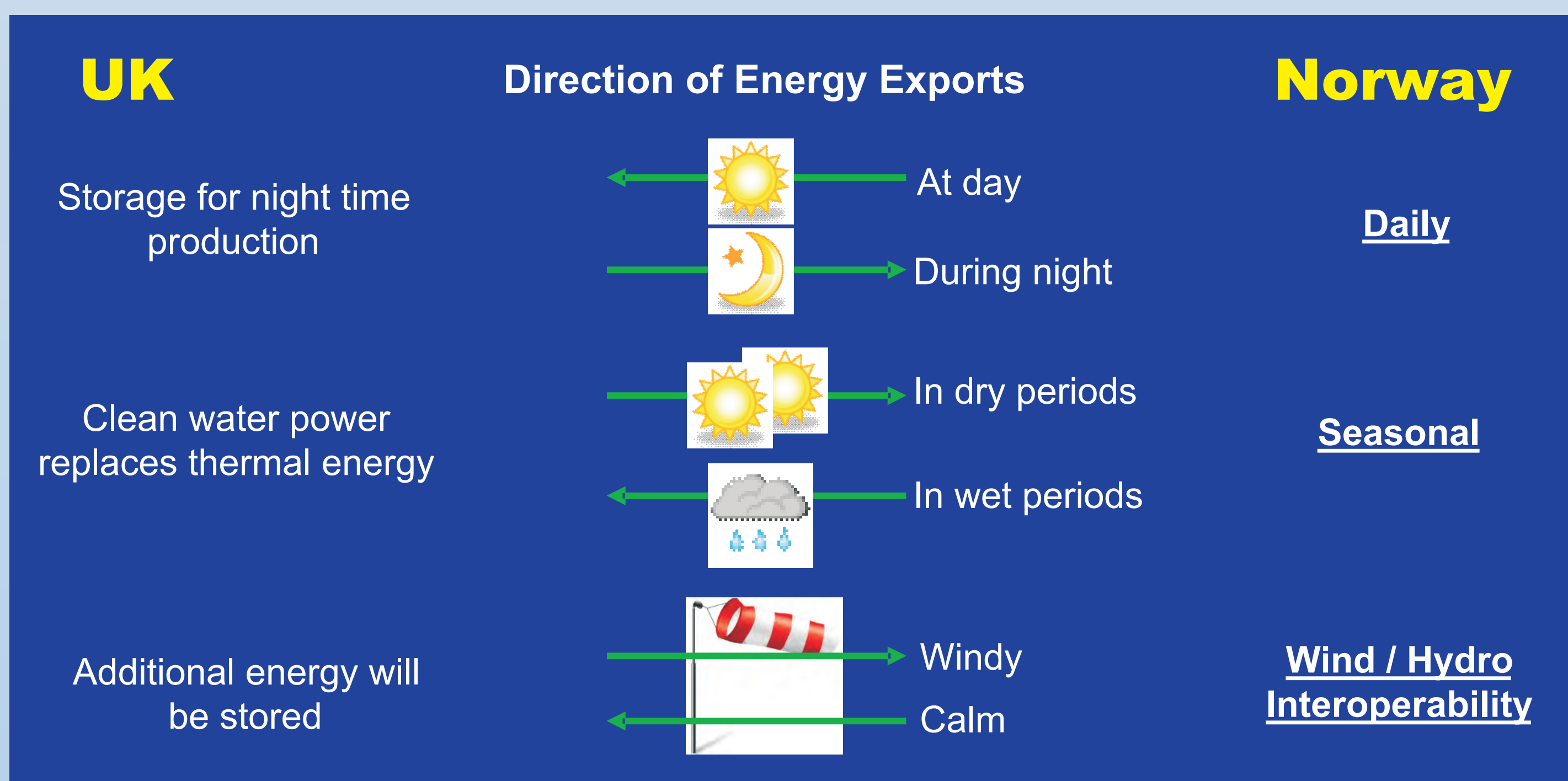


GREEN BATTERY

The south-west area of Norway contains 90% of the hydro-power plants in the country and is known as the green battery. Tapping into this will aid the UK in meeting its renewable energy targets of reducing CO₂. Excess UK wind power can be exported to Norway to refill the pump storage hydro-power reservoirs and effectively “store” the power until it is required. Thereby allowing more wind turbines to contribute to the UK energy mix.

REDUCED PRICE FLUCTUATIONS

Being able to import power during expensive generation times in the UK (wind not blowing, nuclear or fossil fuel power stations off line) will help to reduce the overall price we pay for electricity.



REDUCED RISK TO CUSTOMERS

By being privately owned and operated NorthConnect reduces the risk to consumers of carrying the burden of a major Interconnector and the need for it to be profitable. If the market differences are not present then the owner companies lose on their investment, and this is not borne directly by the bill paying public, unlike the majority of the existing electricity transmission in the UK.

