

NESO

National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Friday 04 April 2025

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
System Warning			

Today's Minimum De-Rated Margin	16,403 MW (SP 17)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £3396k



Yesterday's Market Summary

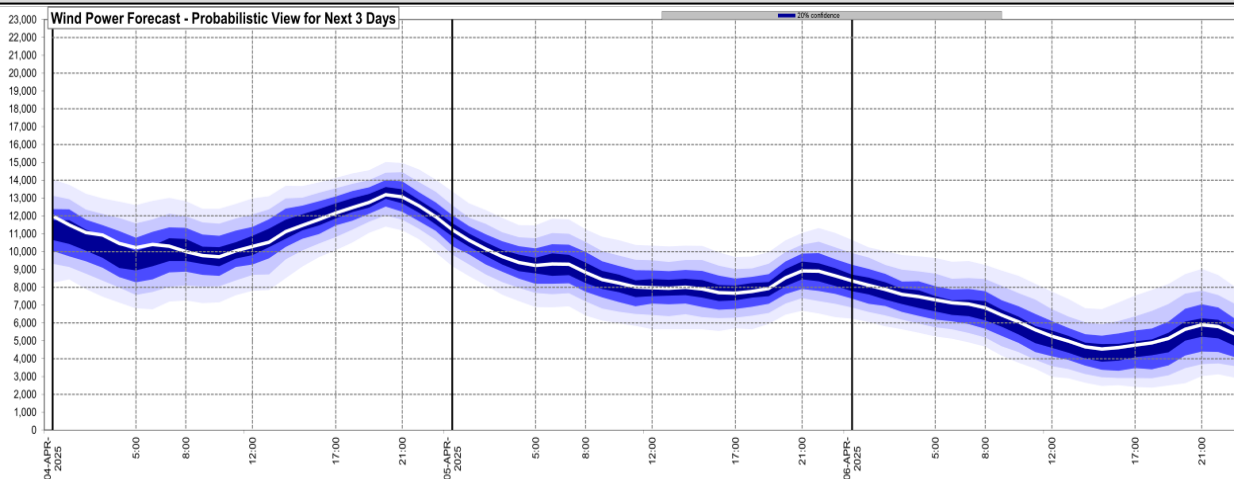
Cash Out Price (Max)	£175.12 /MWh (SP 17)
Cash Out Price (Min)	-£55.20 MWh (SP 4)
Peak Demand Yesterday	31,502 MW
Minimum Demand	19,220 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially Available - Planned Outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	500	500	Fully Available

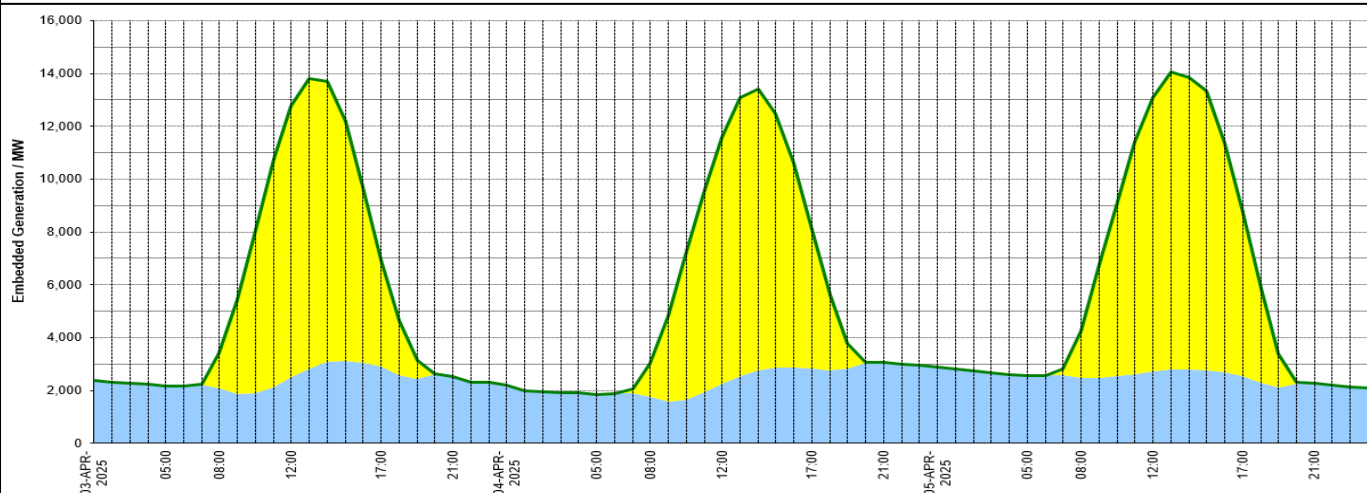
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-APR-2025					04-APR-2025					05-APR-2025				
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00
Solar (MW)	0	1354	10266	4030	0	0	0	1278	9309	5263	0	0	0	1800	10368
Wind (MW)	2153	2090	2504	2905	2512	2198	1860	1743	2268	2836	3055	2874	2582	2460	2731
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2153	3444	12770	6935	2512	2198	1860	3021	11577	8099	3055	2874	2582	4260	13099



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud and showery rain across southwest England, Wales and Northern Ireland will gradually clear, as will patchy low cloud across northeast Scotland. Otherwise dry and settled with lots of warm sunshine. A cooling easterly breeze, especially near North Sea coasts.</p> <p>Tonight: A dry evening and night with mostly clear skies. Some low cloud developing in the north and east. Turning frosty in parts of the north. Breezy, especially across the south.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings No weather warnings are in force for the UK.</p> <p>Flood Warnings 0 flood warning and 12 flood alerts issued for England. 0 flood warning and 0 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.</p>

Further Information	
BM Reports	https://www.elexon.co.uk/data/kinnect-insights-solution/
System Balancing Reports	https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs