



NESO National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Saturday 17 May 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	14,723 MW (SP 44)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	1150 MW

Balancing Costs

Last 24 hours' BM spend Total: £1889k



Yesterday's Market Summary

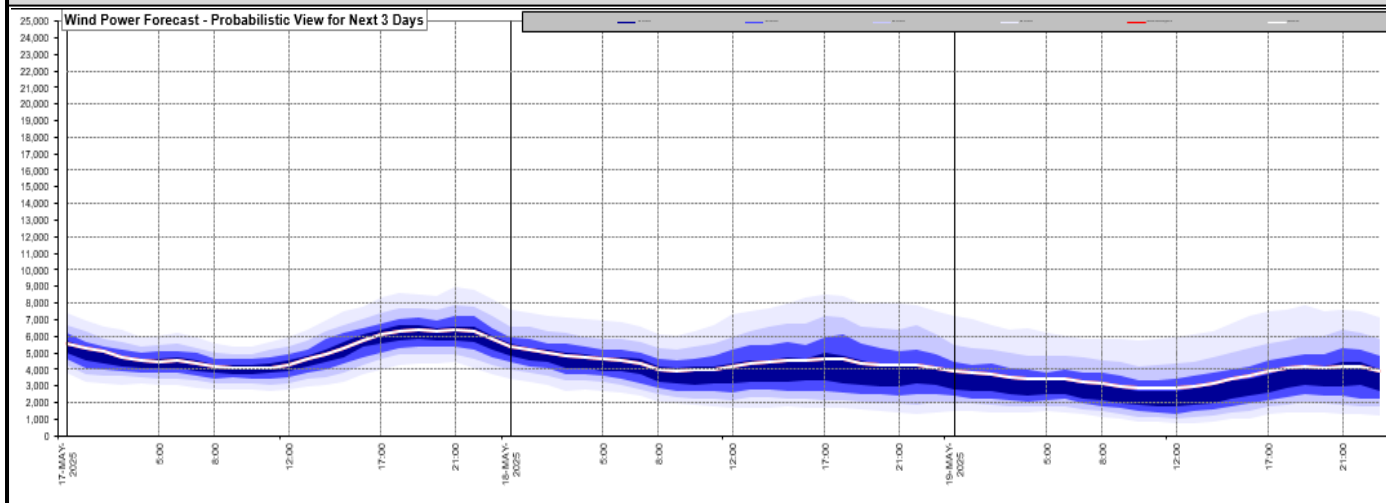
Cash Out Price (Max)	£125 / MWh (SP 45)
Cash Out Price (Min)	-£14.69 / MWh (SP 30)
Peak Demand Yesterday	27,442MW
Minimum Demand	17,201MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	0	0	Planned Outage
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

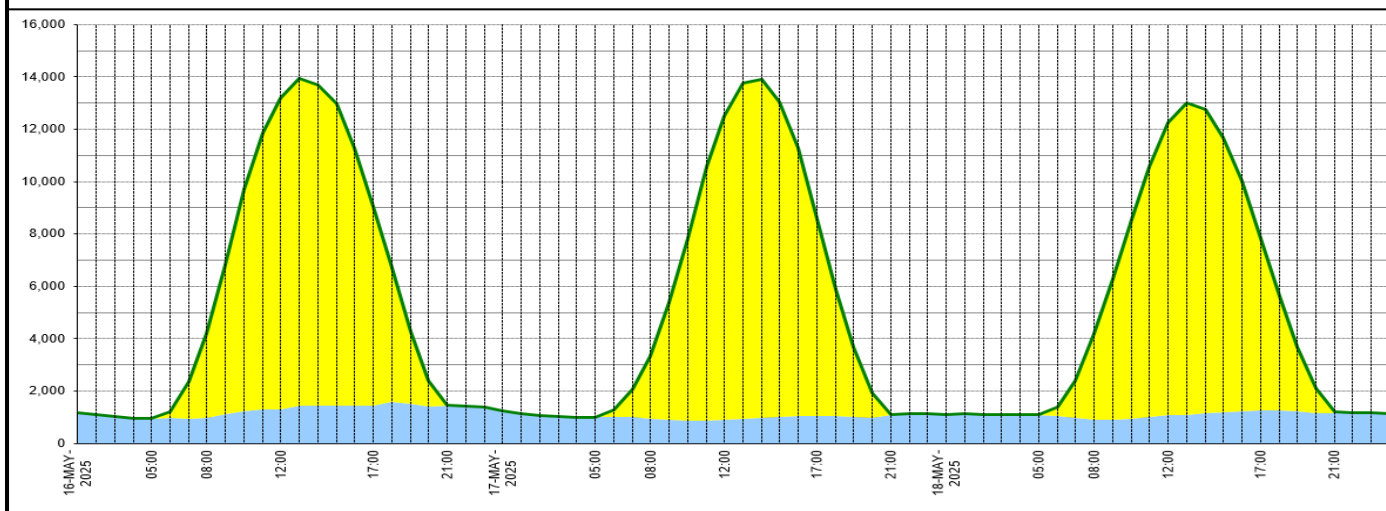
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-MAY-2025					17-MAY-2025					18-MAY-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	17:00	21:00
Solar (MW)	0	3212	11880	7581	39	0	0	2408	11610	7549	37	0	0	3293	11173	6563	61
Wind (MW)	951	988	1314	1455	1432	1237	1007	934	893	1051	1075	1110	1089	901	1065	1249	1164
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	951	4200	13194	9036	1471	1237	1007	3342	12503	8600	1112	1110	1089	4194	12238	7812	1225



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A rather gloomy start with widespread low cloud for many before turning brighter through the morning. Cloud lingers in the east, feeling rather cool here with brisk onshore winds, but plenty of warm sunshine developing elsewhere, especially in the west. Tonight: Plenty of evening sunshine, but overnight, low cloud will spread inland from the North Sea once more, with perhaps some drizzle in the east. Feeling chilly beneath clear skies.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 0 flood warning and 2 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.

Contains public sector information licensed under the Open Government Licence v1.0

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