

NESO

National Electricity Transmission System Status report

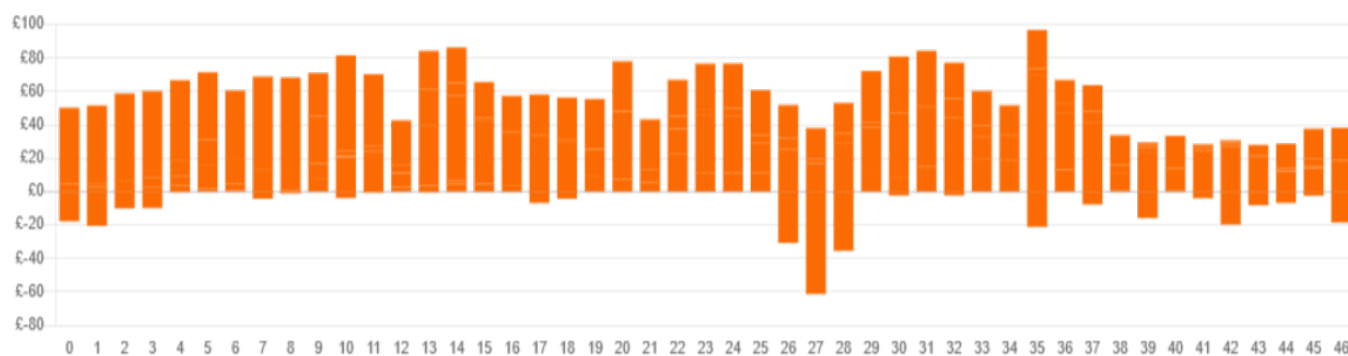
NESO National Electricity Transmission System Status Report
Thursday 21 August 2025

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	5,928 MW (SP 48)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £2454k



Yesterday's Market Summary

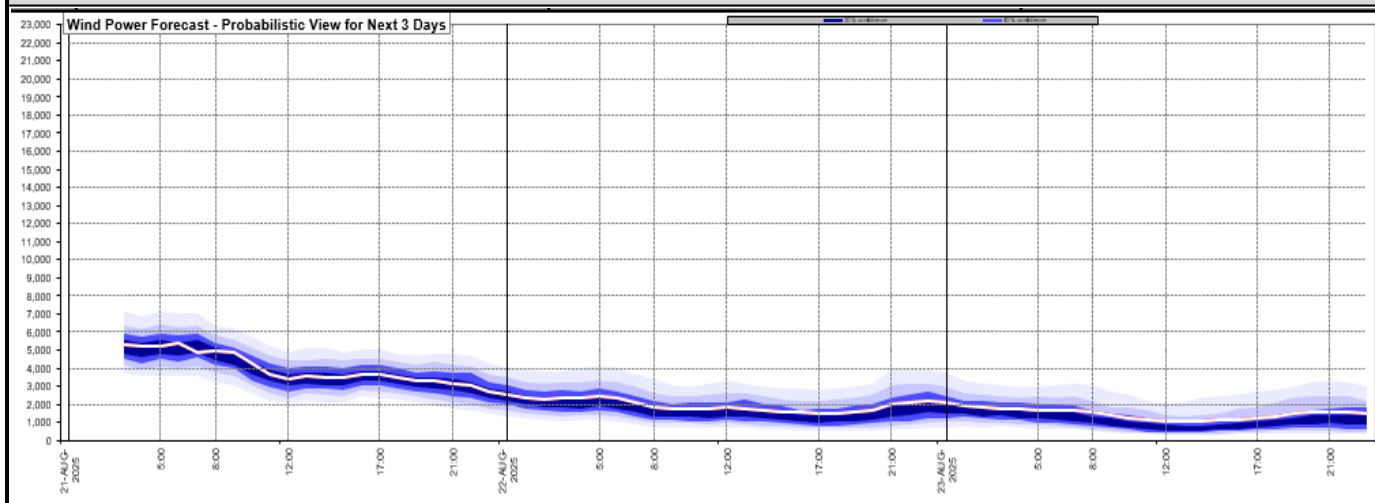
Cash Out Price (Max)	£195 / MWh (SP 37)
Cash Out Price (Min)	£60 / MWh (SP 5)
Peak Demand Yesterday	28,374 MW (SP 42)
Minimum Demand	18,327 MW (SP 8)

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available

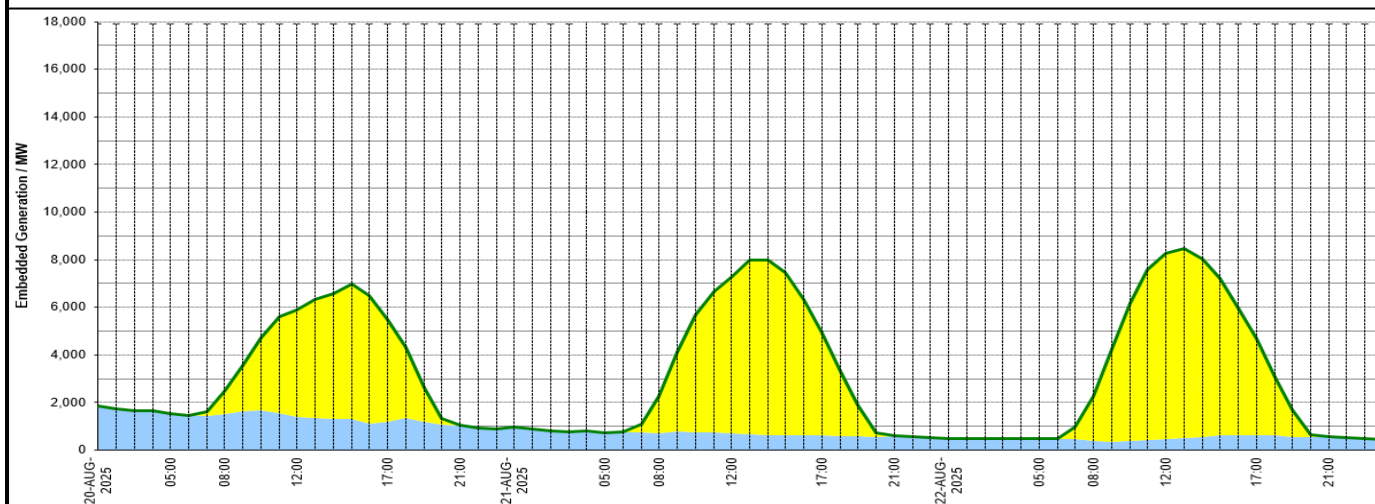
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 21-Aug-2025 04:31:41		
	20-AUG-2025					21-AUG-2025					22-AUG-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	938	4508	4291	0	0	0	1552	6588	4317	0	0	0	1897	7831	4034	0		
Wind (MW)	1516	1526	1389	1207	1035	959	727	720	686	620	596	500	468	361	445	643	554		
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total (MW)	1516	2464	5897	5498	1035	959	727	2272	7274	4937	596	500	468	2258	8276	4677	554		



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A chilly start for some. Apart from an isolated light shower in the north and east, it will be dry with variable amounts of cloud. Feeling pleasantly warm in the sunny spells, though a cool breeze affecting North Sea coasts. Tonight: A mostly dry night with clear spells. However, there will be areas of cloud, especially in the north and east. Turning chilly where skies clear for any length of time.
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 0 floods alert issued for England. 0 flood warning and 0 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.

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