

NESO
National Electricity
Transmission
System
Status report

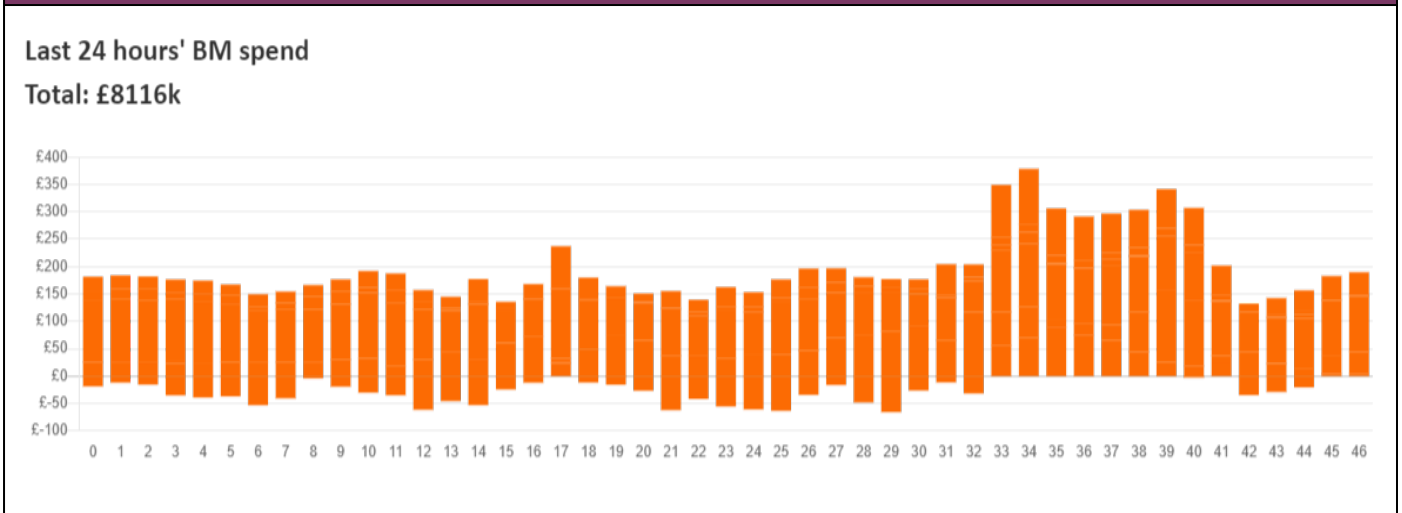


NESO National Electricity Transmission System Status Report
Thursday 16 January 2025

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	8,573 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

Balancing Costs



Yesterday's Market Summary

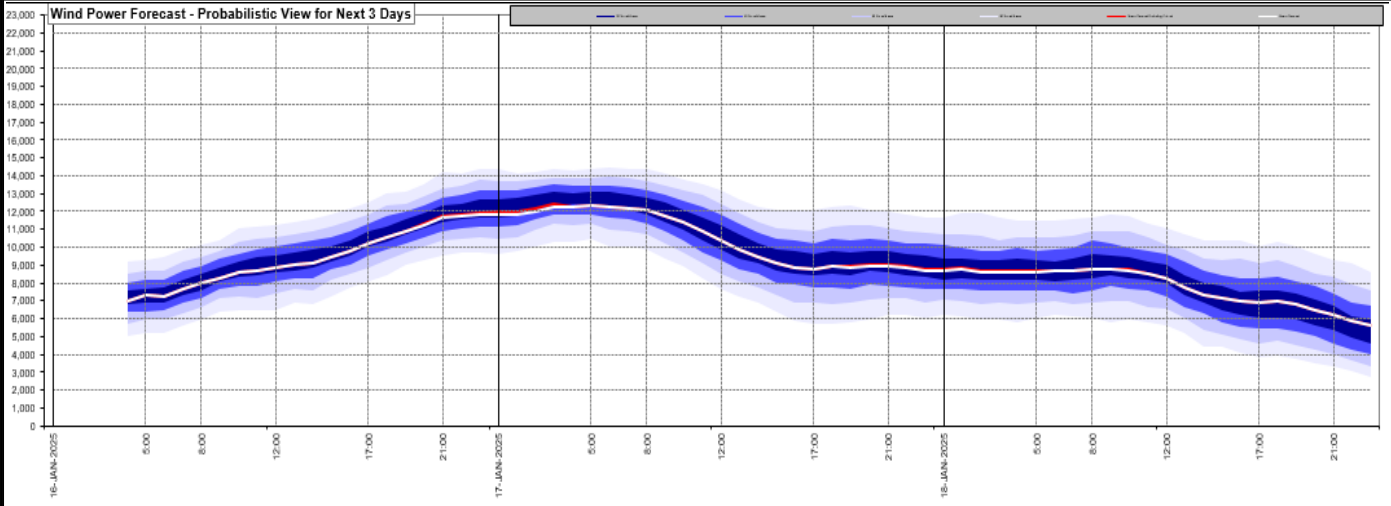
Cash Out Price (Max)	£164.80 /MWh (SP 35)
Cash Out Price (Min)	£73.98 /MWh (SP 17)
Peak Demand Yesterday	43,698 MW
Minimum Demand	23,721 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	700	700	Partially Available
Ireland (GreenLink)	0	0	Not yet commissioned

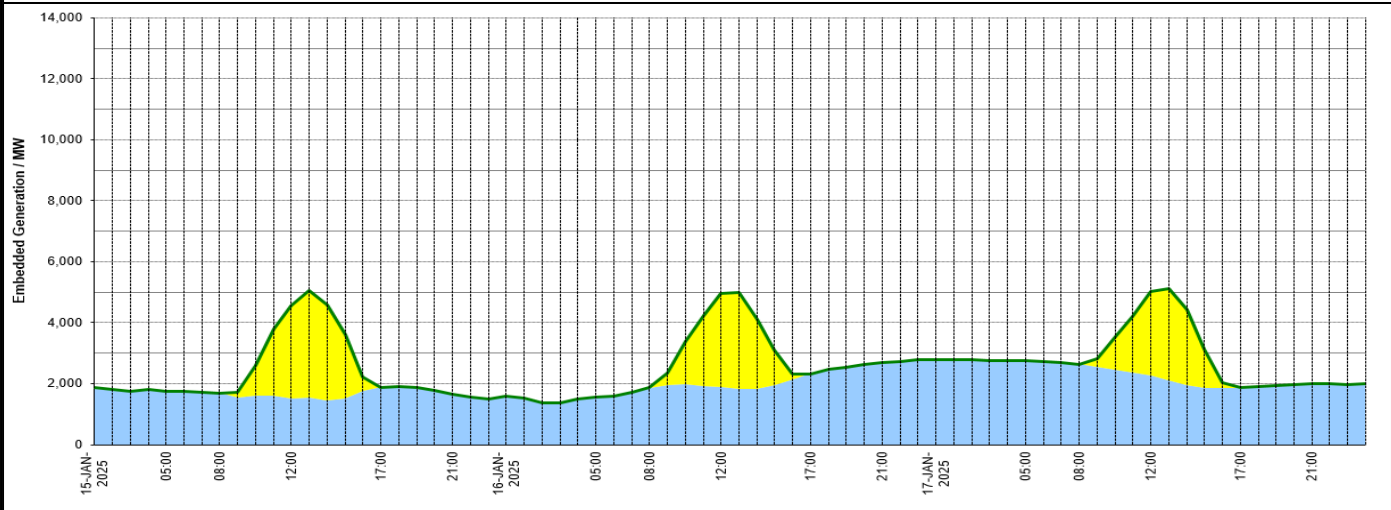
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates													Last run: 16-Jan-2025 04:31:54				
	15-JAN-2025					16-JAN-2025					17-JAN-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	0	3031	0	0	0	0	0	3083	0	0	0	0	0	2757	0	0
Wind (MW)	1757	1691	1526	1884	1661	1607	1550	1867	1881	2329	2694	2799	2742	2635	2257	1867	1991
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1757	1691	4557	1884	1661	1607	1550	1867	4964	2329	2694	2799	2742	2635	5014	1867	1991



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Remaining rather windy with occasional spells of light rain for the far northwest of Scotland. Cloud in the southeast spreading into Wales and southwest England. Dry with sunny spells elsewhere after early dense fog patches slowly clear through the morning.</p> <p>Tonight: Rain in northwest Scotland edging slowly south. Cloud across southern England and Wales spreading north. Less fog than previous nights and generally a little milder too.</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 1 flood warnings and 19 flood alerts issued for England. 0 flood warnings 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