

NESO
National Electricity
Transmission
System
Status report

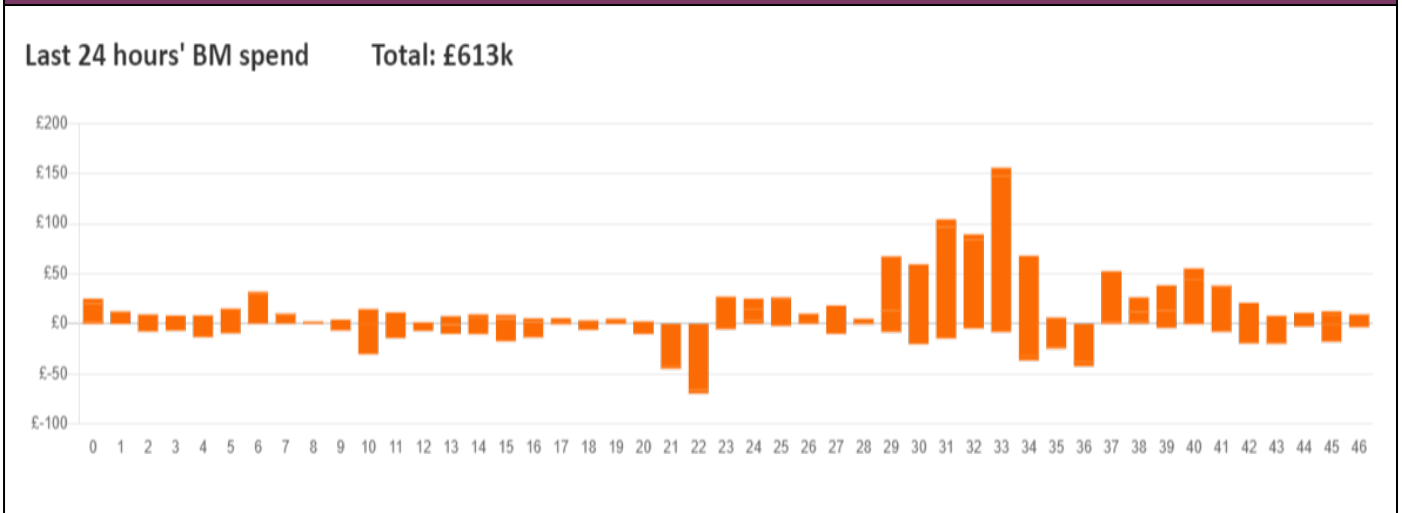


NESO National Electricity Transmission System Status Report
Wednesday 22 January 2025

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	3031 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs



Yesterday's Market Summary

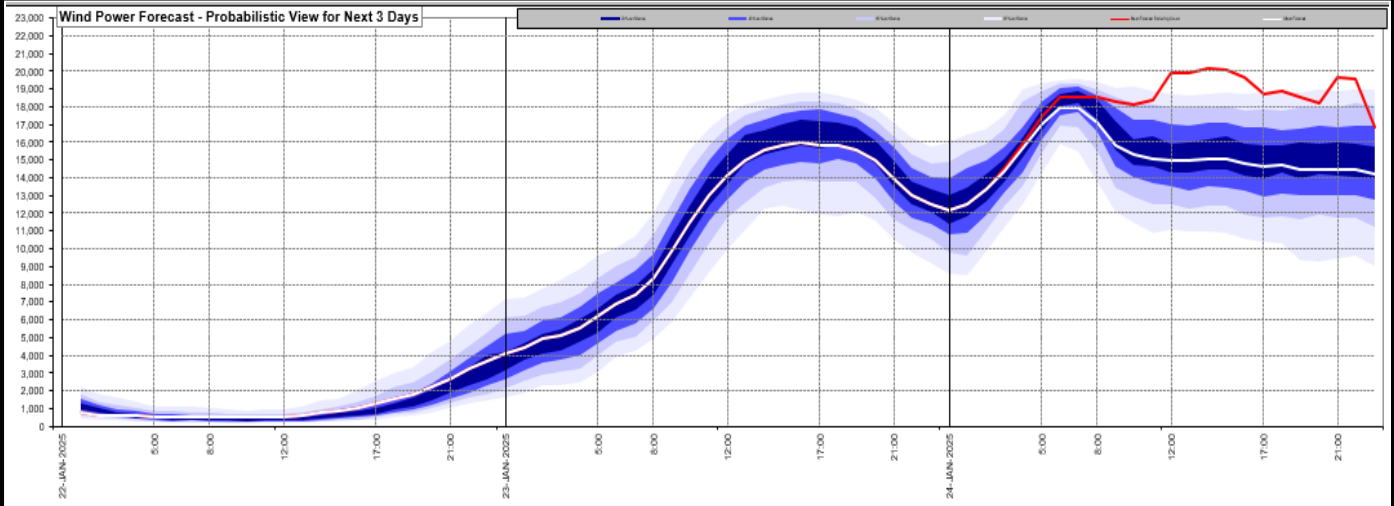
Cash Out Price (Max)	£265.00 /MWh (SP 28)
Cash Out Price (Min)	£88.07 /MWh (SP 4, 5, 6, 7)
Peak Demand Yesterday	43,246 MW
Minimum Demand	25,247 MW

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

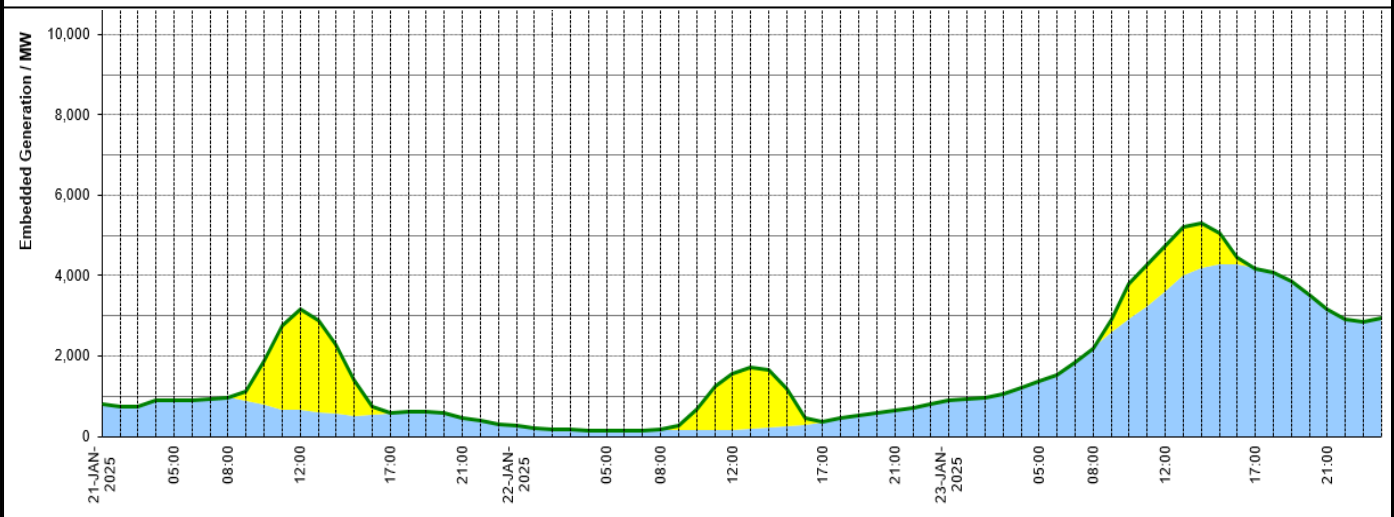
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	21-JAN-2025					22-JAN-2025					23-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	2508	0	0	0	0	0	1391	0	0	0	0	0	1124	0	0
Wind (MW)	886	972	649	578	461	264	148	162	165	361	649	895	1382	2202	3628	4183	3162
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	886	972	3157	578	461	264	148	162	1556	361	649	895	1382	2202	4752	4183	3162



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Morning fog patches across northern England and Northern Ireland, lifting with a mix of sunshine and scattered coastal showers. Rather cloudy and mostly dry elsewhere but outbreaks of rain and drizzle across the southeast of England. Feeling rather cold.</p> <p>Tonight: Rain in the southeast clearing. Otherwise, coastal showers continuing in places. Patchy fog and frost, most likely in the east. Colder than previous nights with more widespread frost further north.</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 Yellow warning of fog Areas affected: East Midlands North East England North West England Northern Ireland SW Scotland, Lothian Borders Wales West Midlands Yorkshire & Humber ACTIVE Started at: 00:00 GMT on Wed 22 January Ends: 11:00 GMT on Wed 22 January Fog patches may cause some travel disruption</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean</p>

Weather	Source	Commentary
		<p>Siar London & South East England North West England Orkney & Shetland South West England Strathclyde Wales West Midlands Yorkshire & Humber Starts: 00:00 GMT on Fri 24 January Ends: 23:59 GMT on Fri 24 January Storm Éowyn is expected to bring very strong winds and some disruption on Friday</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife East Midlands Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales Yorkshire & Humber Starts: 00:00 GMT on Fri 24 January Ends: 23:59 GMT on Fri 24 January Storm Éowyn is expected to bring very strong winds and widespread disruption on Friday</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Starts: 00:00 GMT on Sat 25 January Ends: 15:00 GMT on Sat 25 January Storm Éowyn will continue to bring strong winds into Saturday, with some disruption possible</p> <p>Flood Warnings 0 flood warnings and 14 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>

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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