

NESO
National Electricity
Transmission
System
Status report

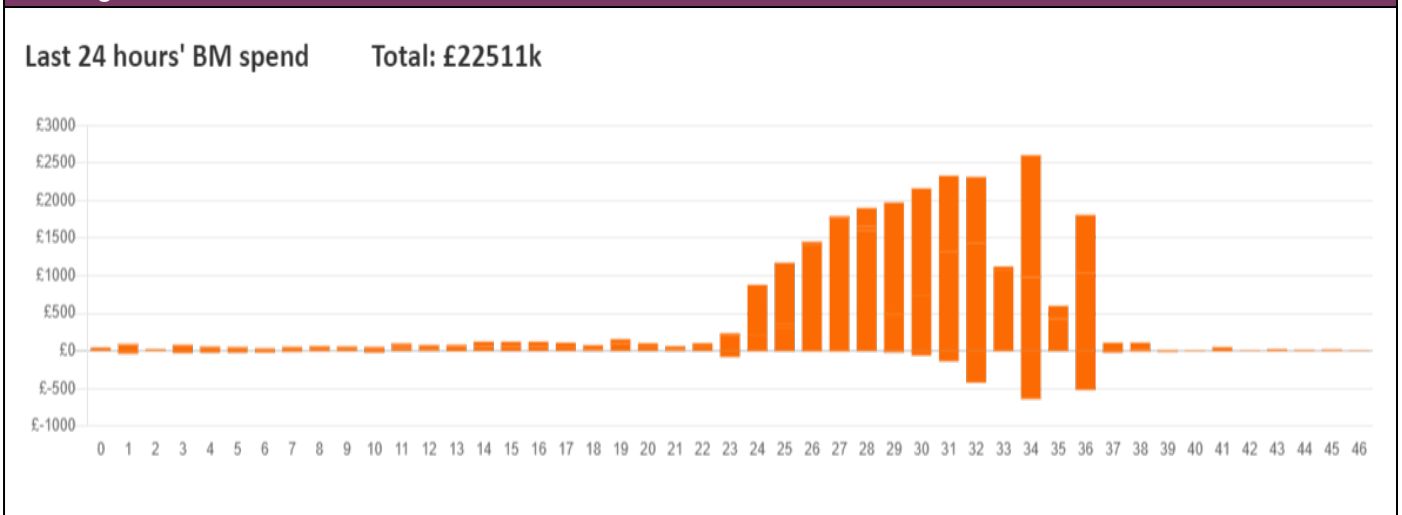


NESO National Electricity Transmission System Status Report
Thursday 09 January 2025

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	9,193 MW (SP 22)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW

Balancing Costs



Yesterday's Market Summary

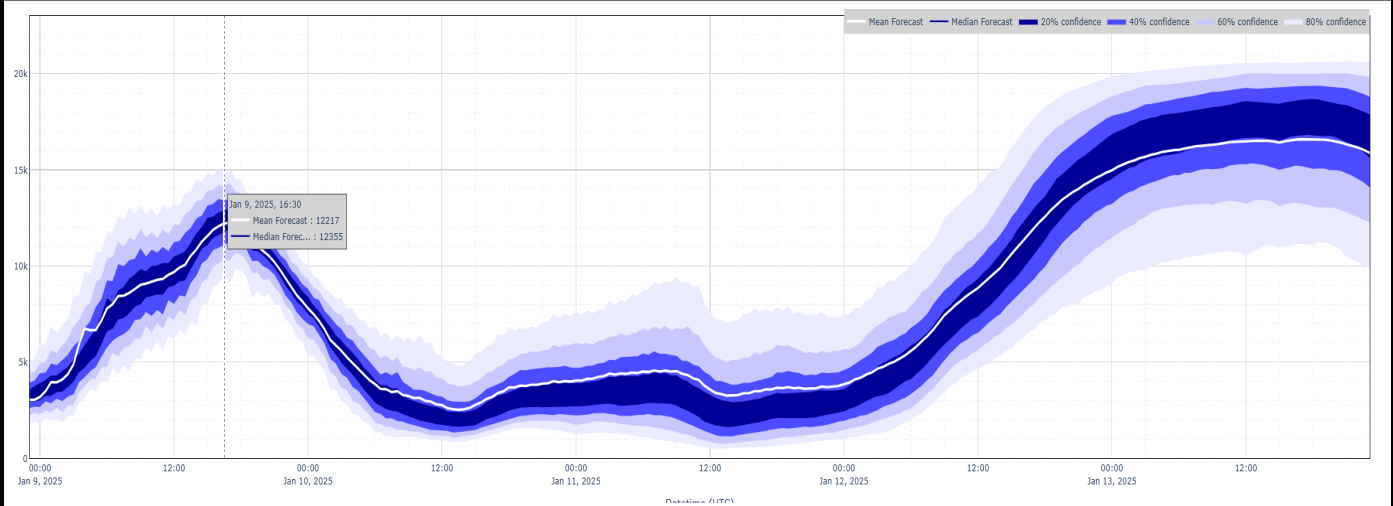
Cash Out Price (Max)	£2900.00 /MWh (SP 31-34, 36, 38)
Cash Out Price (Min)	£-6.42 /MWh (SP 1)
Peak Demand Yesterday	45,840 MW
Minimum Demand	27,890 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	1500	1500	Partially Available - Pole 2 Outage
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	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

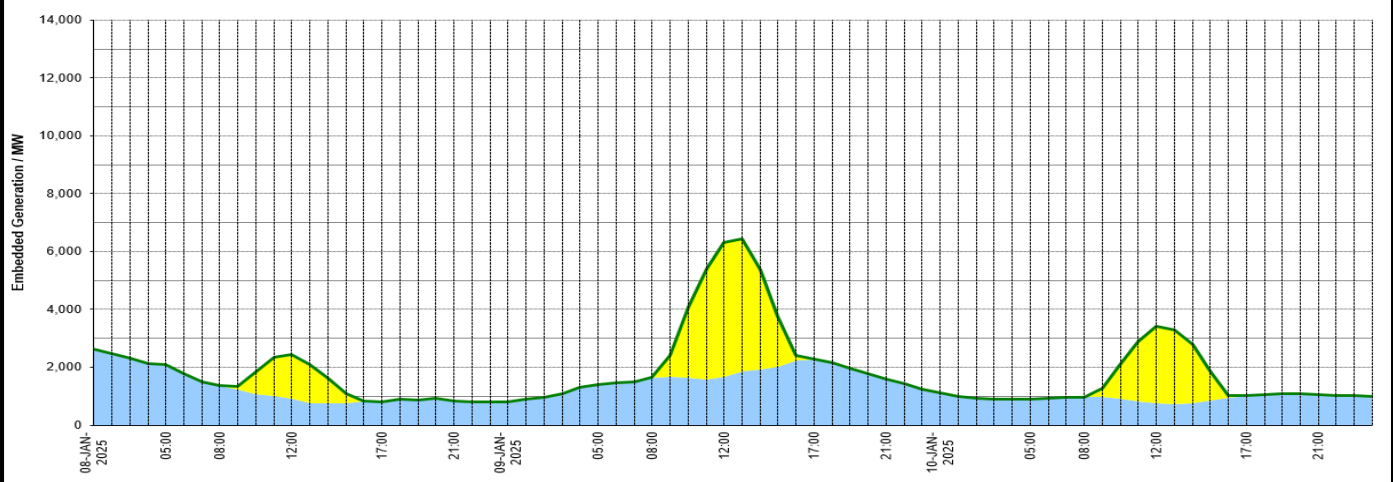
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	08-JAN-2025					09-JAN-2025					10-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	1523	0	0	0	0	4636	0	0	0	0	0	2672	0	0	0
Wind (MW)	2082	1370	905	816	850	804	1414	1647	1684	2276	1606	1123	901	976	754	1021	1049
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2082	1370	2428	816	850	804	1414	1647	6320	2276	1606	1123	901	976	3426	1021	1049



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Thursday will be another cold day with icy stretches to start and a few freezing fog patches may be slow to clear. There will be plenty of sunny spells with further wintry showers possible in the north and west.</p> <p>Tonight: Another cold night to come with a widespread severe frost and ice forming in places. Wintry showers continue in the north and west, but generally dry elsewhere with clear skies.</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 snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland</p> <p>ACTIVE Started at: 12:00 GMT on Wed 8 January Ends: 23:59 GMT on Thu 9 January</p> <p>Snow showers and ice leading to further travel disruption</p>

Weather	Source	Commentary
		<p>- Some roads and railways affected with longer journey times by road, bus and train services</p> <p>- Some injuries from slips and falls on icy surfaces</p> <p>- Icy patches on some untreated roads, pavements and cycle paths</p> <p>Issued at: 09:41 GMT on Wed 8 January</p> <p>Yellow warning of snow and ice Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 16:00 GMT on Wed 8 January</p> <p>Ends: 11:00 GMT on Thu 9 January</p> <p>Snow and icy patches leading to some disruption to travel</p> <p>- Some roads and railways likely to be affected with longer journey times by road, bus and train services</p> <p>- Some injuries from slips and falls on icy surfaces</p> <p>- Probably some icy patches on some untreated roads, pavements and cycle paths</p> <p>Issued at: 09:42 GMT on Wed 8 January</p> <p>Yellow warning of fog Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 16:58 GMT on Wed 8 January</p> <p>Ends: 09:00 GMT on Thu 9 January</p> <p>Areas of freezing fog will make travel conditions difficult in places.</p> <p>- Slower journey times with delays to bus and train services possible</p> <p>- There is a chance of delays or cancellations to flights</p> <p>Issued at: 16:58 GMT on Wed 8 January</p> <p>Yellow warning of snow and ice Areas affected: North West England South West England Wales</p> <p>ACTIVE Started at: 00:15 GMT on Thu 9 January</p> <p>Ends: 11:00 GMT on Thu 9 January</p> <p>Snow and icy patches leading to some travel disruption.</p> <p>- Some roads and railways likely to be affected with longer journey times by road, bus and train services</p> <p>- Some injuries from slips and falls on icy surfaces</p> <p>- Probably some icy patches on some untreated roads, pavements and cycle paths</p> <p>Issued at: 10:28 GMT on Wed 8 January</p> <p>Last updated: 9 hours agoLast updated: 9 hours ago</p> <p>Yellow warning of ice Areas affected: East of England London & South East England South West England Wales</p> <p>ACTIVE</p>

Weather	Source	Commentary
		<p>Started at: 00:15 GMT on Thu 9 January</p> <p>Ends: 10:30 GMT on Thu 9 January</p> <p>Following rain and snow, many cold wet surfaces are likely to freeze later tonight, producing icy conditions in places.</p> <p>- Icy stretches on some untreated roads, pavements and cycle paths are likely to increase the chance of accidents and injuries</p> <p>Issued at: 20:19 GMT on Wed 8 January.</p> <hr/> <p>Flood Warnings</p> <p>68 flood warnings and 137 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 3 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