

NESO
National Electricity
Transmission
System
Status report

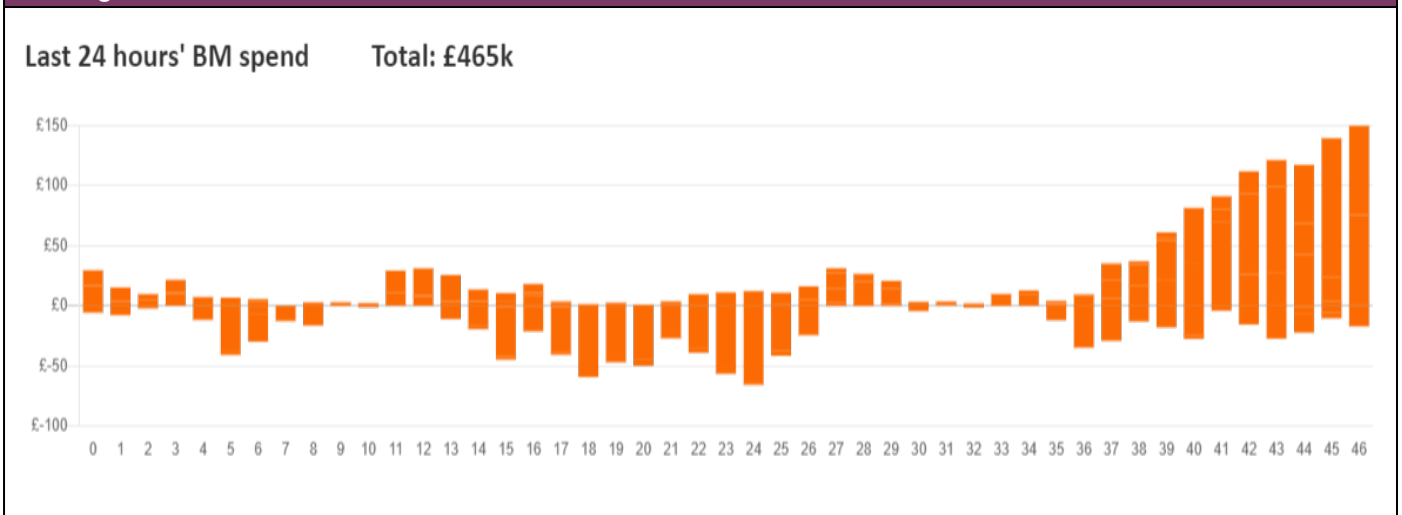


NESO National Electricity Transmission System Status Report
Sunday 15 December 2024

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	18,948 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW

Balancing Costs



Yesterday's Market Summary

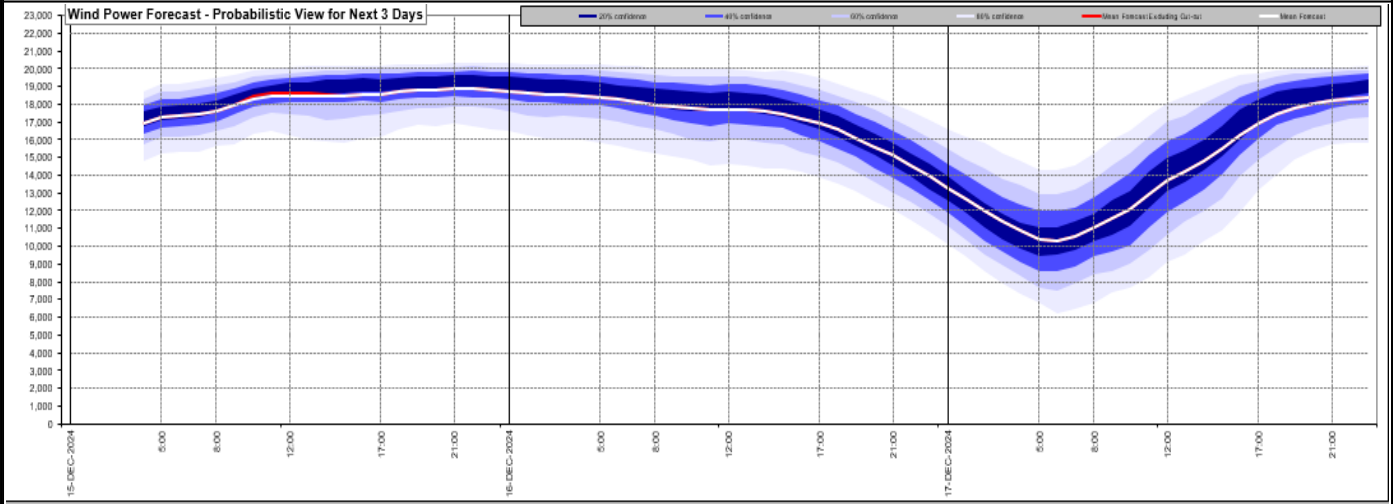
Cash Out Price (Max)	119 £/MWh (SP 35)
Cash Out Price (Min)	0 £/MWh (SP 43)
Peak Demand Yesterday	37,489 MW
Minimum Demand	20,000 MW

Interconnector

Net Transfer Capacity (MWs)

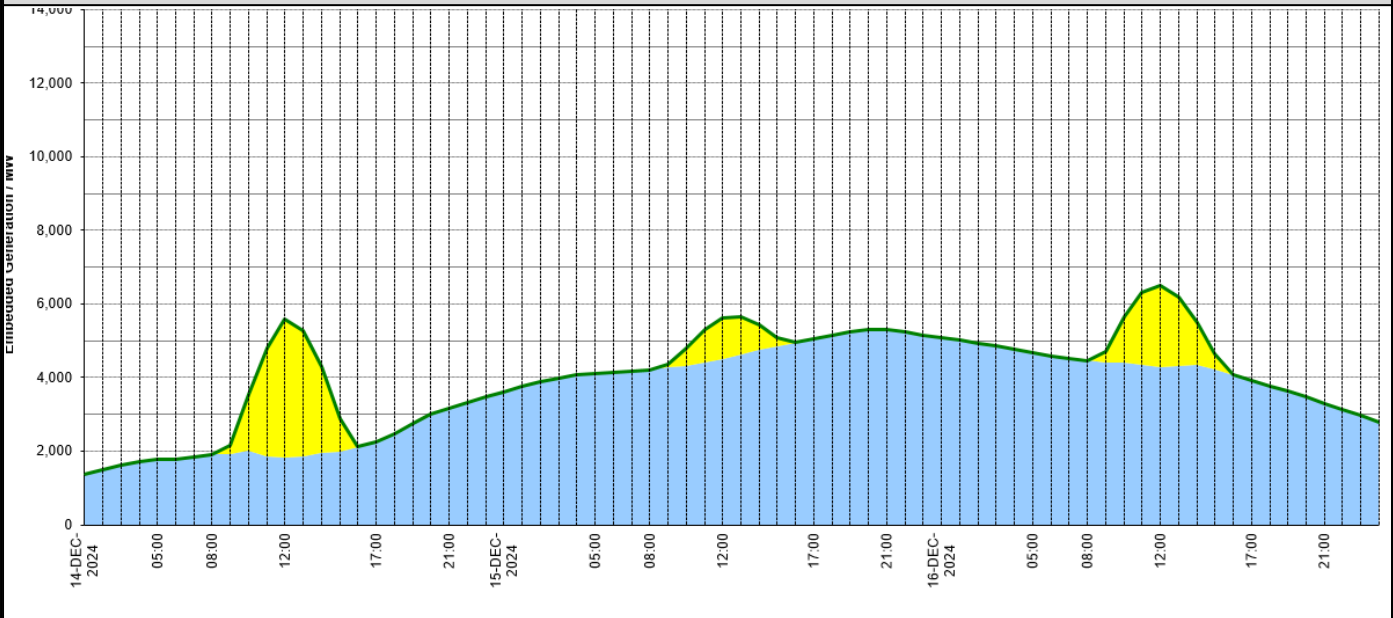
Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	700	700	Partially Available - Pole 2 Fault outage.
France (IFA2)	1000	1000	Fully Available
Viking Link	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast



	14-DEC-2024					15-DEC-2024					16-DEC-2024						
	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	3769	0	0	0	0	1104	0	0	0	0	0	2197	0	0	
Wind (MW)	1768	1911	1833	2246	3165	3613	4110	4211	4504	5058	5295	5085	4684	4466	4293	3916	3307
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1768	1911	5602	2246	3165	3613	4110	4211	5608	5058	5295	5085	4684	4466	6490	3916	3307

Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Many places dry, though rather cloudy. Some rain and drizzle, mainly on western hills, with heavier rain across northern and western Scotland later. Northeast England and eastern Scotland seeing the best brightness. Mild, though windy with gales in the north.

Weather	Source	Commentary
		<p>Tonight: A mild, but cloudy and windy night in most areas. Some rain in the north and west, heavy across western Scotland. The clearest breaks developing to the east of hills.</p>
<p>General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings</p>	<p>Met Office Weather Warnings SEPA Natural Resources Wales</p>	<p>UK Weather Warnings Yellow warning of rain Areas affected: Central, Tayside & Fife Highlands & Eilean Siar Strathclyde</p> <p>Starts: 18:00 GMT on Sun 15 December</p> <p>Ends: 12:00 GMT on Tue 17 December</p> <p>Persistent rain will lead to difficult travel conditions and possible flooding in a few places.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer - Flooding of a few homes and businesses is possible - Some interruption to power supplies and other services is possible
		<p>Flood Warnings 1 flood warnings and 33 flood alerts issued for England.</p> <p>0 flood warnings and 5 flood alerts issued for Scotland.</p> <p>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