

NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Thursday 21 November 2024

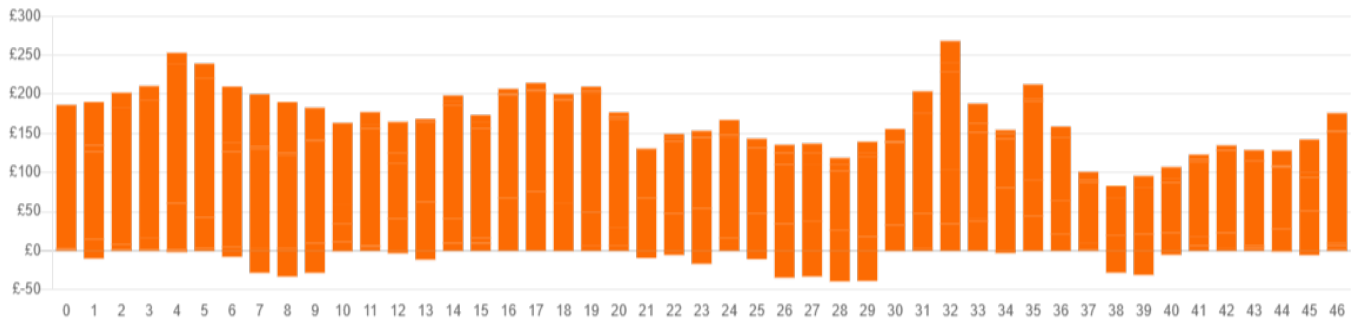
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
System Warning			

Today's Minimum De-Rated Margin	6308MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend

Total: £7567k



Yesterday's Market Summary

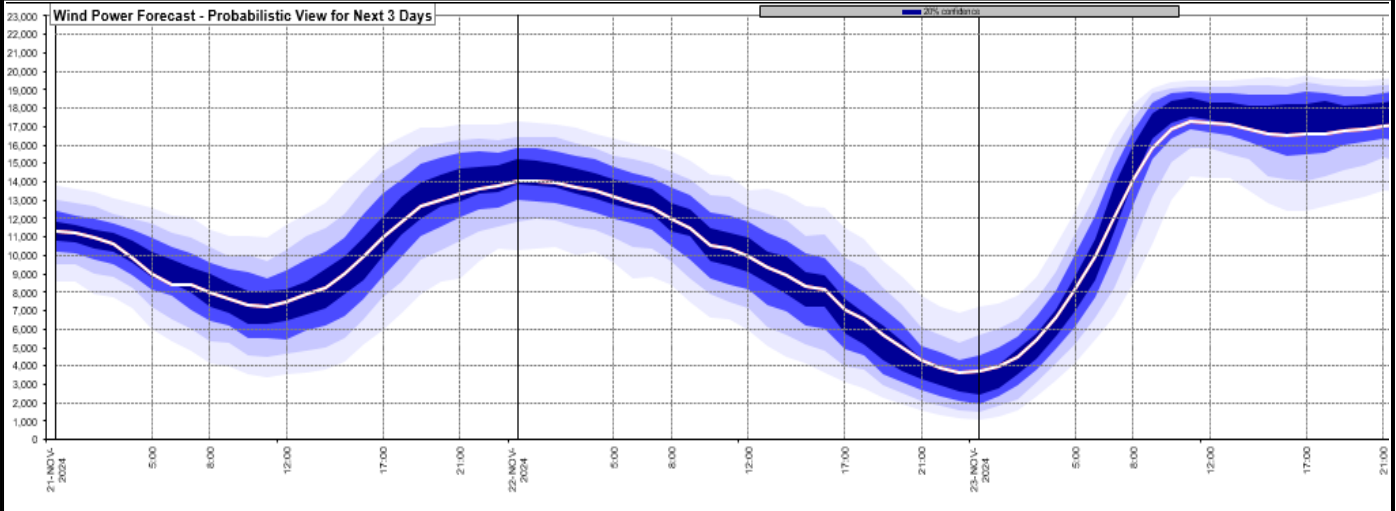
Cash Out Price (Max)	£143.9 /MWh (SP 34)
Cash Out Price (Min)	-£11:58 /MWh (SP 12)
Peak Demand Yesterday	43,517 MW
Minimum Demand	25,500 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	On Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

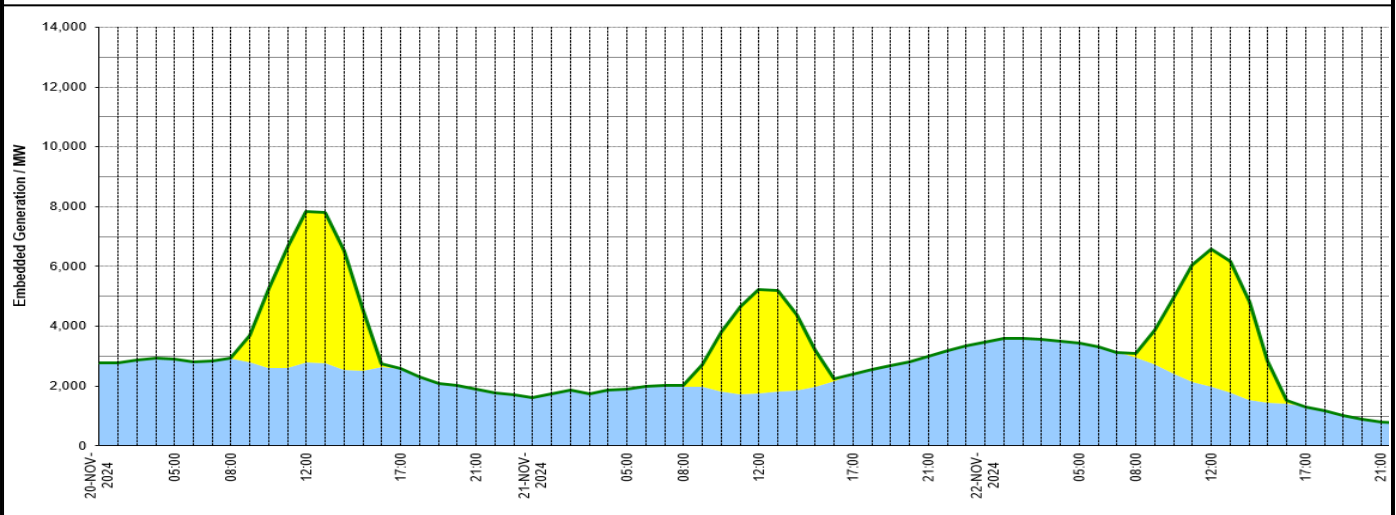
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-NOV-2024					21-NOV-2024					22-NOV-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
Solar (MW)	0	4	5038	27	0	0	0	54	3462	0	0	0	0	122	4604	0
Wind (MW)	2901	2927	2788	2568	1902	1608	1900	1983	1759	2388	3014	3476	3432	2955	1980	1306
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2901	2931	7826	2595	1902	1608	1900	2037	5221	2388	3014	3476	3432	3077	6584	1306



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>A chilly day for most on Thursday with sunshine and wintry showers in exposed areas. Cloudier in the southwest with outbreaks of rain and snow moving through. Rather breezy.</p> <p>Tonight:</p> <p>Another cold night to come with sleet and snow showers continuing in exposed areas. The risk of icy stretches developing for many. A widespread frost forming under clear spells, although cloudier in the far southwest later.</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</p> <p>Yellow warning of snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde</p> <p>ACTIVE Started at: 10:00 GMT on Wed 20 November Ends: 12:00 GMT on Thu 21 November</p> <p>Yellow warning of ice Areas affected: Central, Tayside & Fife East Midlands East of England Grampian </p>

Weather	Source	Commentary
		<p>Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>ACTIVEStarted at: 16:00 GMT on Wed 20 NovemberEnds: 10:00 GMT on Thu 21 November</p> <p>Yellow warning of snow Areas affected: London & South East England South West England</p> <p>Starts: 05:00 GMT on Thu 21 NovemberEnds: 15:00 GMT on Thu 21 November</p> <p>Yellow warning of rain and snow Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde West Midlands Yorkshire & Humber</p> <p>Yellow warning of rain Areas affected: South West England</p> <p>Starts: 06:00 GMT on Sat 23 NovemberEnds: 06:00 GMT on Sun 24 November</p> <p>Yellow warning of rain Areas affected: Wales West Midlands</p> <p>Starts: 06:00 GMT on Sat 23 NovemberEnds: 06:00 GMT on Sun 24 November Heavy rain is likely cause some travel disruption and flooding this weekend, particularly across south Wales</p>
		<p>Flood Warnings</p> <p>1 flood warnings and 12 flood alerts issued for England.</p> <p>0 flood warning and 0 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.bmreports.com
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