

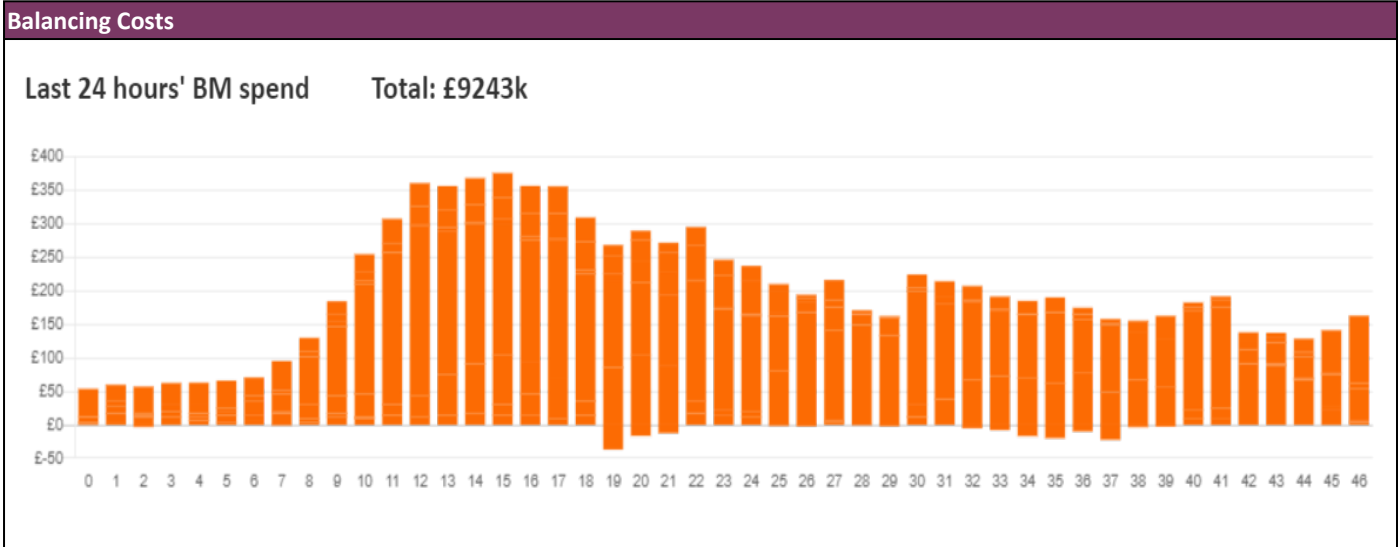
NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Saturday 21 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	12,352 MW (SP 34)	
Current BMU Largest Loss Risk	Generation	1500MW
	Demand	560MW



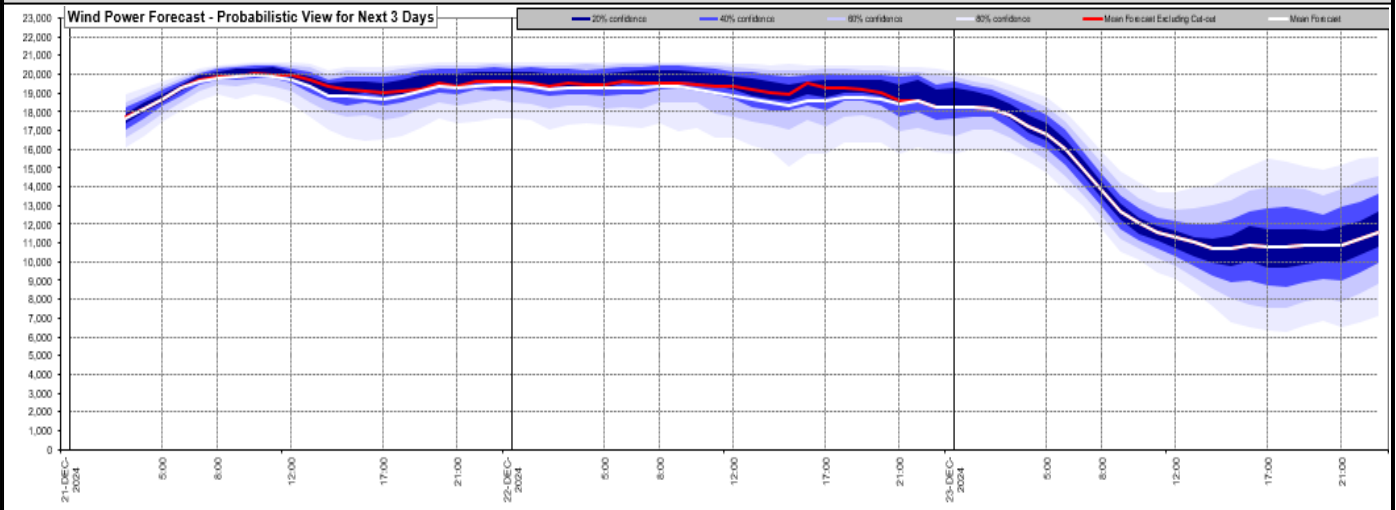
Yesterday's Market Summary

Cash Out Price (Max)	£116/MWh (SP 19)
Cash Out Price (Min)	£-4/MWh (SP 28,30,44,45,46,47)
Peak Demand Yesterday	37,539 MW
Minimum Demand	22,524 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)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

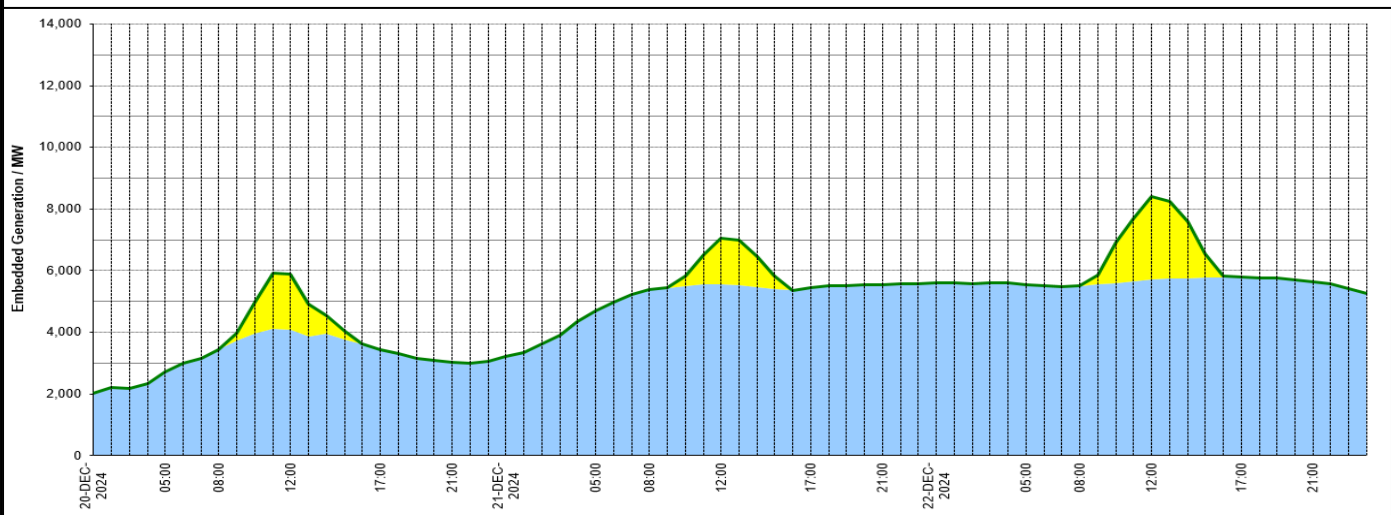
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-DEC-2024					21-DEC-2024					22-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	1779	0	0	0	0	0	1477	0	0	0	0	0	2699	0	0
Wind (MW)	2723	3447	4095	3445	3041	3212	4686	5374	5562	5437	5549	5608	5552	5504	5718	5802	5648
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2723	3447	5874	3445	3041	3212	4686	5374	7039	5437	5549	5608	5552	5504	8417	5802	5648



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Windy, with severe gales in the north. Rain moving south-eastwards across all parts on Saturday morning, lingering across southern England into the afternoon. Elsewhere turning sunnier, though colder, with blustery showers.</p> <p>Tonight: Frequent blustery showers continue overnight, turning increasingly to sleet and snow over the hills in the north and west. Some clear spells between the showers and remaining very windy.</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 wind Areas affected: Highlands & Eilean Siar Orkney & Shetland</p> <p>Starts: 07:00 GMT on Sat 21 December Ends: 23:59 GMT on Sat 21 December</p> <p>A period of strong winds on Saturday may lead to significant transport disruption including ferry cancellations.</p> <p>- Some delays to public transport are likely, as well as disruption to travel by road. There is a small chance of significant delays or even cancellations to services however, including ferry and air, whilst some roads, bridges and causeways may be closed.</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Some damage to buildings, such as tiles blown from roofs, could happen - Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties - Power cuts may occur, with the potential to affect other services, such as mobile phone coverage <p>Issued at: 11:05 GMT on Wed 18 December Last updated: 19 hours ago</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales Yorkshire & Humber</p> <p>Starts: 07:00 GMT on Sat 21 December Ends: 23:59 GMT on Sat 21 December A period of strong winds on Saturday is likely to lead to some transport disruption</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Delays for high-sided vehicles on exposed routes and bridges likely - There is a small chance of isolated, short term loss of power - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves - Probably some bus and train services affected, with some journeys taking longer - Some short term loss of power and other services is possible <p>Issued at: 11:05 GMT on Wed 18 December Last updated: 19 hours ago</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar London & South East England North East England North West England Northern Ireland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>Starts: 00:00 GMT on Sun 22 December Ends: 21:00 GMT on Sun 22 December A prolonged period of strong winds will likely lead to some disruption over the weekend, especially to travel.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves - Some short term loss of power and other services is possible <p>Issued at: 09:47 GMT on Thu 19 December</p> <p>Flood Warnings 1 flood warnings and 46 flood alerts issued for England. 1 flood warnings and 6 flood alerts issued for Scotland. 0 flood warnings and 2 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

Further Information	
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs