

NESO
National Electricity
Transmission
System
Status report

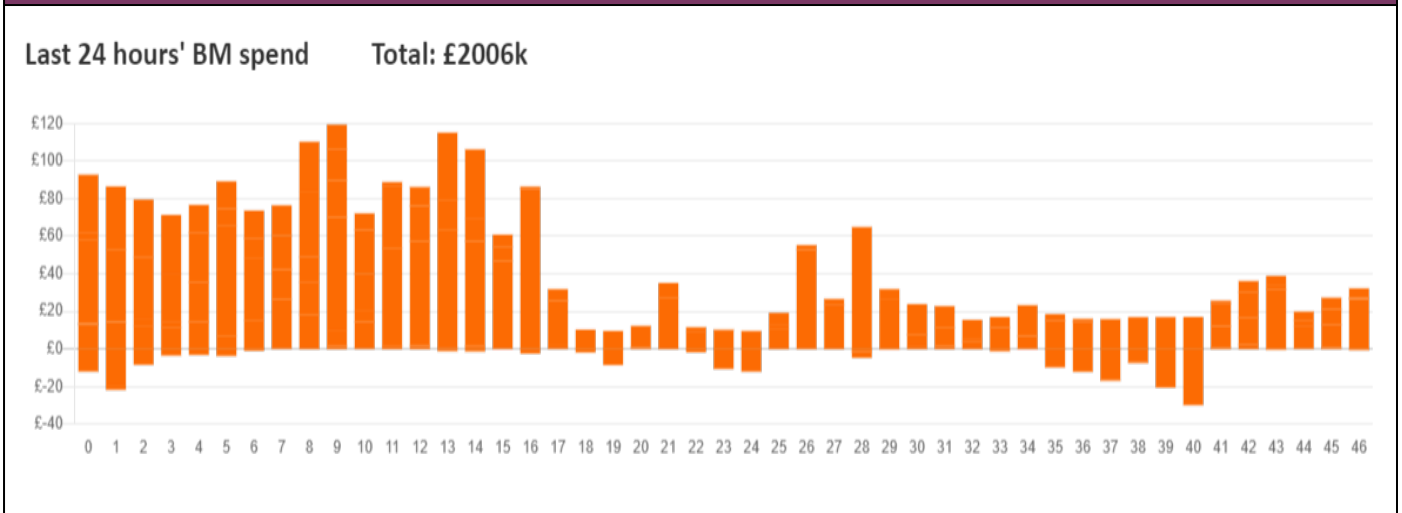


NESO National Electricity Transmission System Status Report
Saturday 23 November 2024

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	16,495MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs



Yesterday's Market Summary

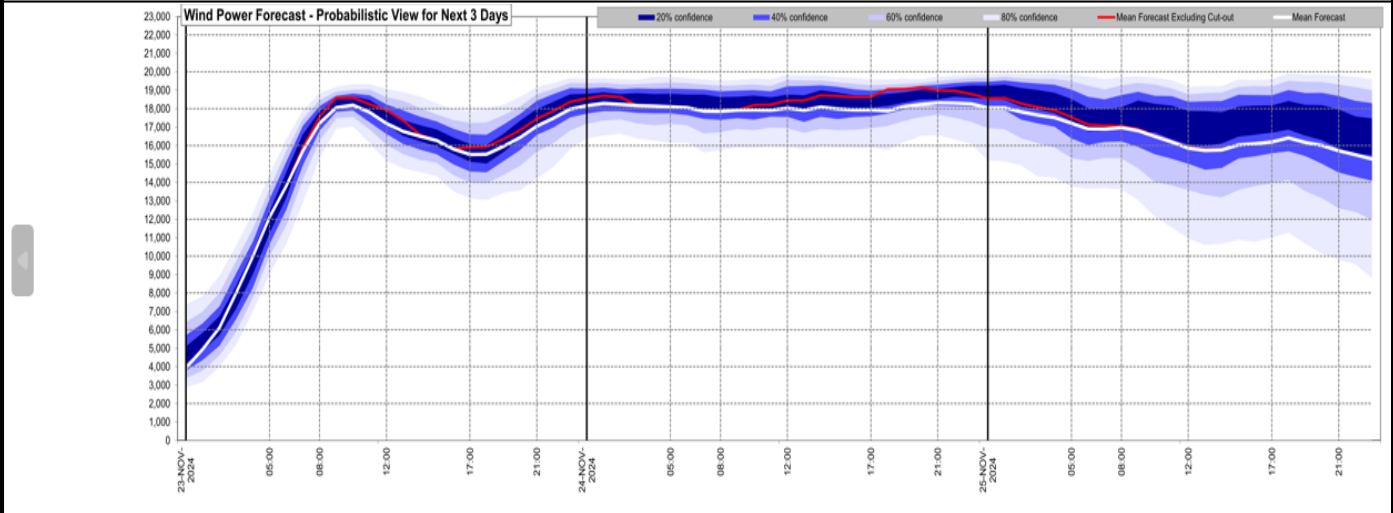
Cash Out Price (Max)	£169.00 /MWh (SP 36)
Cash Out Price (Min)	£67.48 /MWh (SP 3)
Peak Demand Yesterday	44,435 MW
Minimum Demand	27,574 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Planned 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	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

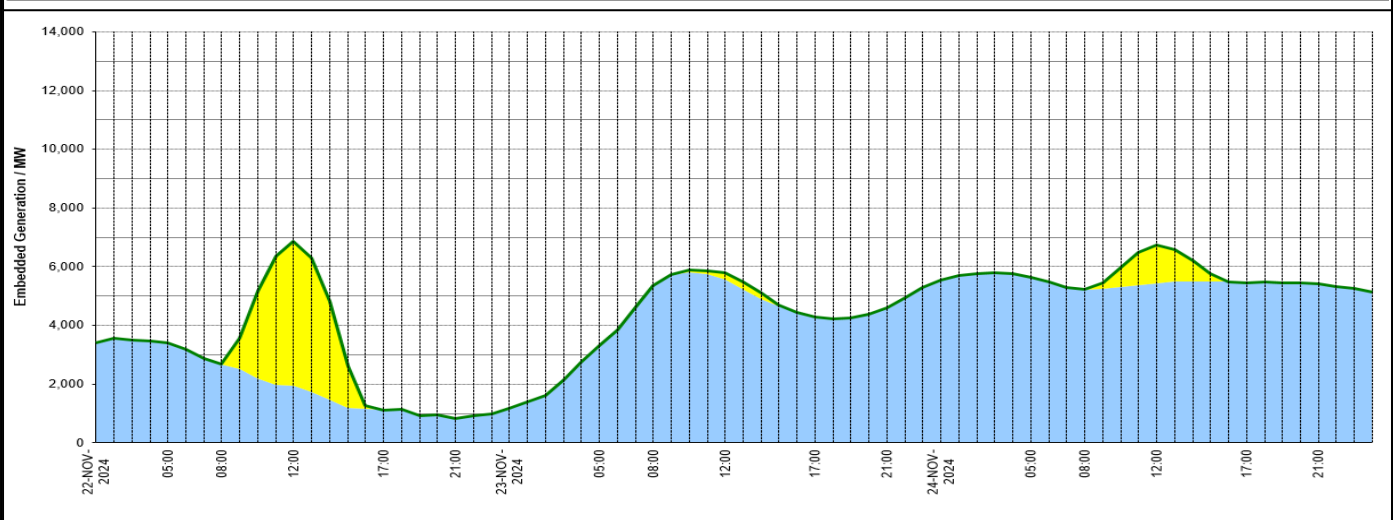
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-NOV-2024					23-NOV-2024					24-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	21:00
Solar (MW)	0	3	4937	0	0	0	0	249	0	0	0	0	0	1290	0	0	0
Wind (MW)	3420	2669	1934	1119	834	1176	3311	5341	5556	4292	4613	5550	5652	5222	5439	5464	5404
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3420	2672	6871	1119	834	1176	3311	5341	5805	4292	4613	5550	5652	5222	6729	5464	5404



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain and snow spread northeast with strong winds bringing blizzard conditions across parts of the north. Severe gales in coastal and mountainous regions. Milder later with a rapid thaw of snow in the north. Further heavy, blustery showers to follow.</p> <p>Tonight: Mild with temperatures continuing to rise overnight. Widely cloudy with further spells of heavy rain for many and very strong winds. Windy with coastal gales, severe at times, continuing overnight.</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 rain and snow Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 00:00 GMT on Sat 23 November Ends: 11:00 GMT on Sat 23 November</p> <p>Storm Bert will bring a spell of rain, preceded by snow in places, on Friday night into</p>

Weather	Source	Commentary
		<p>Saturday which may cause some disruption</p> <ul style="list-style-type: none"> - Some roads and railways affected with longer journey times by road, bus and train services - A few homes and businesses flooded - Spray and flooding on roads will make journey times longer - Some interruption to power supplies and other services <p>Issued at: 11:45 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>ACTIVE Started at: 04:00 GMT on Sat 23 November</p> <p>Ends: 09:00 GMT on Sun 24 November</p> <p>Heavy snow on Saturday, followed by a rapid thaw and subsequent rain on Saturday night, may cause some disruption</p> <ul style="list-style-type: none"> - There is a small chance of travel delays on roads with some stranded vehicles and passengers, along with delayed or cancelled rail and air travel - There is a slight chance that some rural communities could become cut off - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater causing danger to life - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - Spray and flooding could lead to difficult driving conditions and some road closures <p>Issued at: 11:27 GMT on Wed 20 November</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales Yorkshire & Humber</p> <p>Starts: 05:00 GMT on Sat 23 November</p> <p>Ends: 19:00 GMT on Sat 23 November</p> <p>Storm Bert will bring strong winds for a time on Saturday, which may cause some disruption in places</p> <ul style="list-style-type: none"> - There is a small chance of injuries and danger to life from flying debris - There is a slight chance of some damage to buildings, such as tiles blown from roofs - There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected - There is a small chance that some roads and bridges could close - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Issued at: 11:19 GMT on Thu 21 November</p> <p>Last updated: 19 hours agoLast updated: 19 hours ago</p>

Weather	Source	Commentary
		<p>Yellow warning of rain Areas affected: London & South East England South West England West Midlands</p> <p>Starts: 06:00 GMT on Sat 23 November</p> <p>Ends: 23:45 GMT on Sun 24 November</p> <p>Heavy rain associated with Storm Bert may cause some travel disruption and flooding this weekend</p> <ul style="list-style-type: none"> - Homes and businesses could be flooded, causing damage to some buildings - Fast flowing or deep floodwater is possible, causing a danger to life - Delays or cancellations to train and bus services are possible - Spray and flooding could lead to difficult driving conditions and some road closures - Some communities may be cut off by flooded roads - Possible power cuts and loss of other services to some homes and businesses <p>Issued at: 11:02 GMT on Wed 20 November</p> <p>Last updated: 18 hours agoLast updated: 18 hours ago</p> <p>Yellow warning of rain Areas affected: Wales West Midlands</p> <p>Starts: 06:00 GMT on Sat 23 November</p> <p>Ends: 06:00 GMT on Sun 24 November</p> <p>Heavy rain is likely cause some travel disruption and flooding this weekend, particularly across south Wales</p> <ul style="list-style-type: none"> - Homes and businesses could be flooded, causing damage to some buildings - Fast flowing or deep floodwater is possible, causing a danger to life - Delays or cancellations to train and bus services are possible - Spray and flooding could lead to difficult driving conditions and some road closures - Some communities may be cut off by flooded roads - Possible power cuts and loss of other services to some homes and businesses <p>Issued at: 11:01 GMT on Wed 20 November</p> <p>Last updated: 18 hours agoLast updated: 18 hours ago</p> <p>Amber warning of snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Strathclyde</p> <p>Starts: 07:00 GMT on Sat 23 November</p> <p>Ends: 17:00 GMT on Sat 23 November</p> <p>Storm Bert will bring a spell of heavy snow, leading to some disruption on Saturday</p> <ul style="list-style-type: none"> - Travel delays on roads are likely, stranding some vehicles and passengers - Some delays and cancellations to rail travel are likely - There is a good chance that some rural communities could become cut off - Power cuts are likely and other services, such as mobile phone coverage, may be affected - Injuries from slips and falls are likely on icy surfaces - Untreated pavements and cycle paths likely to be impassable <p>Issued at: 11:29 GMT on Thu 21 November</p> <p>Amber warning of snow</p>

Weather	Source	Commentary
		<p>Areas affected: North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber</p> <p>Starts: 07:00 GMT on Sat 23 November</p> <p>Ends: 12:00 GMT on Sat 23 November</p> <p>Storm Bert will bring a spell of heavy snow on Saturday morning, leading to some disruption</p> <ul style="list-style-type: none"> - Travel delays on roads are likely, stranding some vehicles and passengers - Some delays and cancellations to rail travel are likely - There is a good chance that some rural communities could become cut off - Power cuts are likely and other services, such as mobile phone coverage, may be affected <p>Issued at: 20:30 GMT on Fri 22 November</p> <p>Yellow warning of wind</p> <p>Areas affected: London & South East England South West England</p> <p>Starts: 15:00 GMT on Sat 23 November</p> <p>Ends: 21:00 GMT on Sun 24 November</p> <p>Strong winds due to Storm Bert likely to cause dangerous coastal conditions and disruption across southern England.</p> <ul style="list-style-type: none"> - There is a small chance of injuries and danger to life from flying debris - There is a slight chance of some damage to buildings, such as tiles blown from roofs - There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Flood Warnings</p> <p>0 flood warnings and 12 flood alerts issued for England.</p> <p>0 flood warning and 4 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