

National Electricity Transmission System Status Report

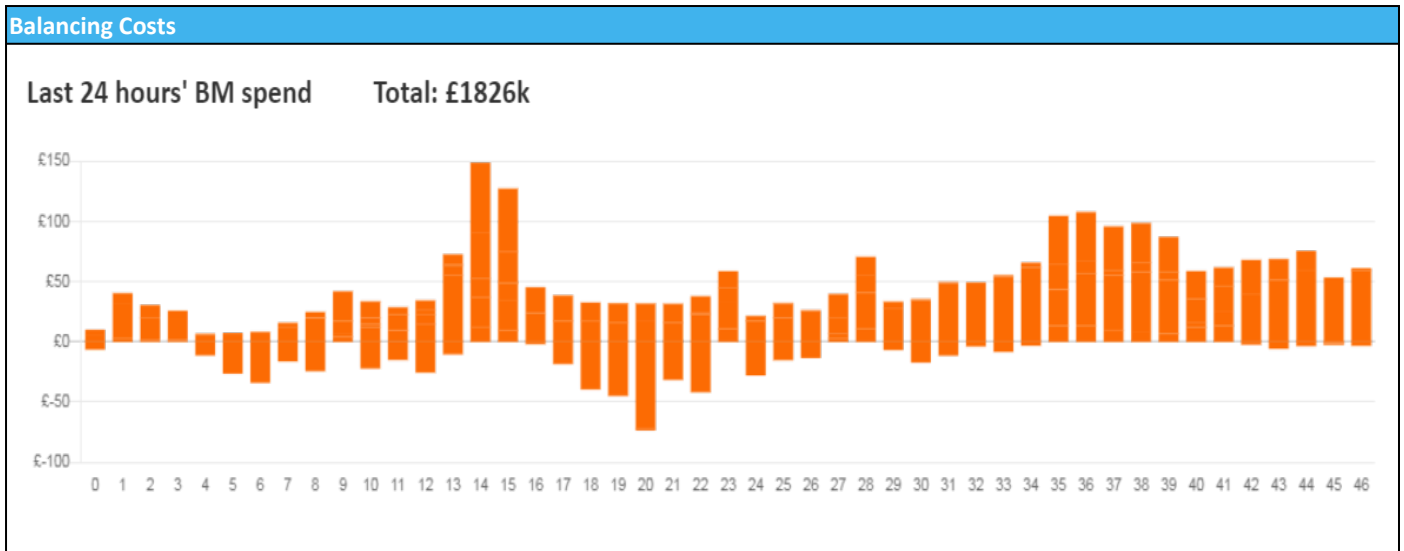


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 07 March 2023

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		EMN issued for evening peak today (18:30)	

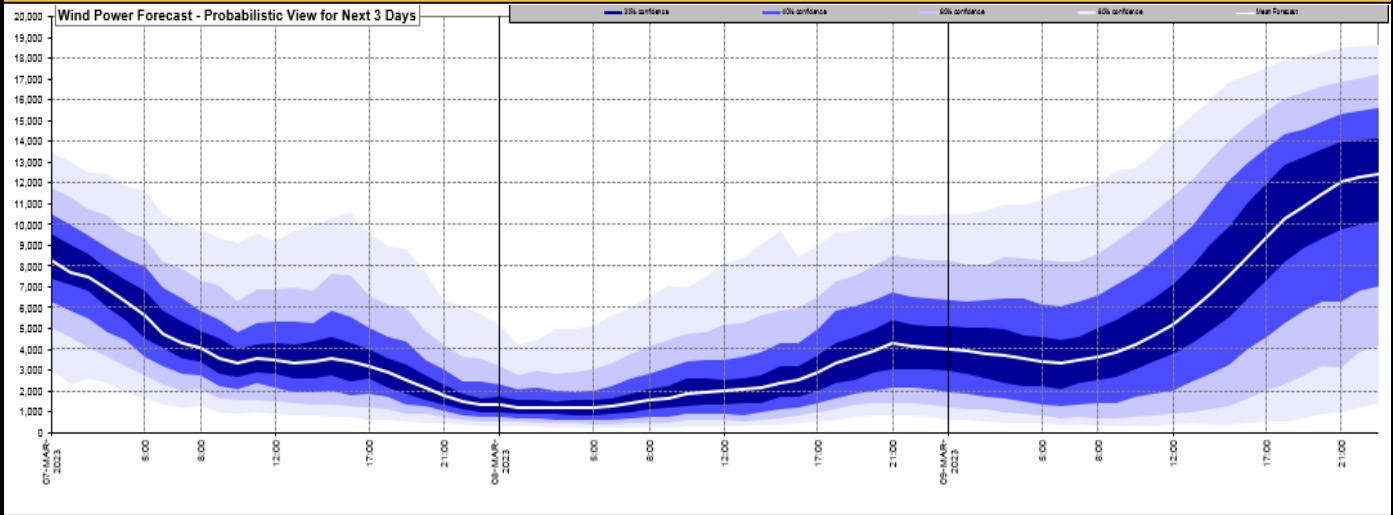
Today's Minimum De-Rated Margin	2794 (SP 39)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	850 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£240 (SP 45)
Cash Out Price (Min)	£96,86 (SP 21 & 26)
Peak Demand Yesterday	43,975 MW
Minimum Demand	35,460 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1014	1014	Fully Available

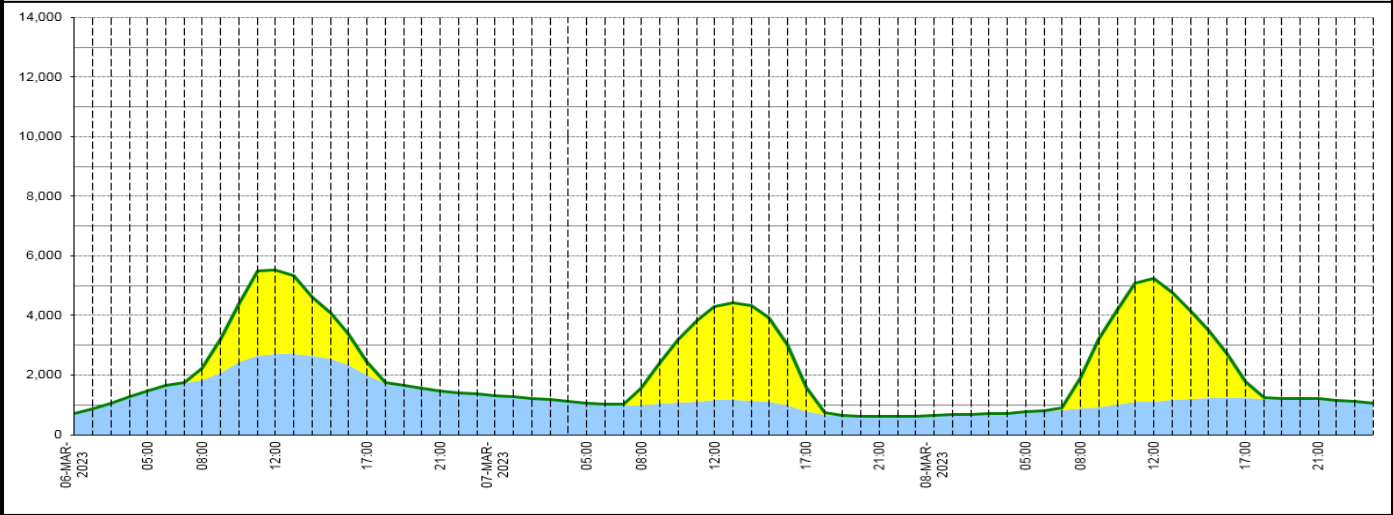
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	06-MAR-2023					07-MAR-2023					08-MAR-2023						
	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	388	2816	472	0	0	0	581	3148	795	0	0	0	1030	4143	565	0
Wind (MW)	1478	1837	2706	1982	1459	1295	1072	980	1158	783	600	639	773	882	1105	1221	1212
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1478	2225	5522	2454	1459	1295	1072	1561	4306	1578	600	639	773	1912	5248	1786	1212



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A band of rain and sleet, with perhaps a little snow in places, will slowly clear from southern England. Sunny spells elsewhere but also snow and hail showers, these frequent and heavy across northern Scotland. Feeling cold for all.</p> <p>Tonight: Cloudy across the far south with the risk of some sleet and snow. Further snow and hail showers affecting northern coasts. Clear elsewhere with a widespread frost, severe in places.</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: Northern Ireland Started at: 21:00 GMT on Mon 6 March Ends: 10:00 GMT on Tue 7 March Snow showers and icy patches likely to cause some travel disruption.</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths

Weather	Source	Commentary
		<p>Yellow warning of snow and ice Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands Started at: 21:00 GMT on Mon 6 March Ends: 10:00 GMT on Tue 7 March Ice and some snow leading to difficult travel conditions in places. - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths</p>
		<p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber Started at: 00:00 GMT on Tue 7 March Ends: 10:00 GMT on Wed 8 March Frequent snow showers will continue, causing further disruption in places. - 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 - A small chance of injuries from slips and falls on icy surfaces - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected</p>
		<p>Yellow warning of snow Areas affected: London & South East England South West England Wales West Midlands Starts: 00:00 GMT on Wed 8 March Ends: 23:59 GMT on Wed 8 March A period of snow is likely to cause some travel disruption during Wednesday. - 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 - A small chance of injuries from slips and falls on icy surfaces - There is a slight chance that bus and train services may be delayed or cancelled, with some road closures and longer journey times</p>
		<p>Yellow warning of snow 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 West Midlands Yorkshire & Humber Starts: 03:00 GMT on Thu 9 March Ends: 18:00 GMT on Fri 10 March Heavy snow has the potential to cause significant disruption on Thursday and Friday. - There is a small chance that long delays and cancellations on bus, rail and air travel could occur - There is a slight chance that roads may become blocked by deep snow, with many stranded vehicles and passengers - There is a small chance that communities could be cut off for several days - There is a small chance that long interruptions to power supplies and other services, such as gas, water, telephone and mobile phone coverage, may occur</p>
		<p>Flood Warnings 0 flood warnings and 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 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.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights