

National Electricity Transmission System Status Report

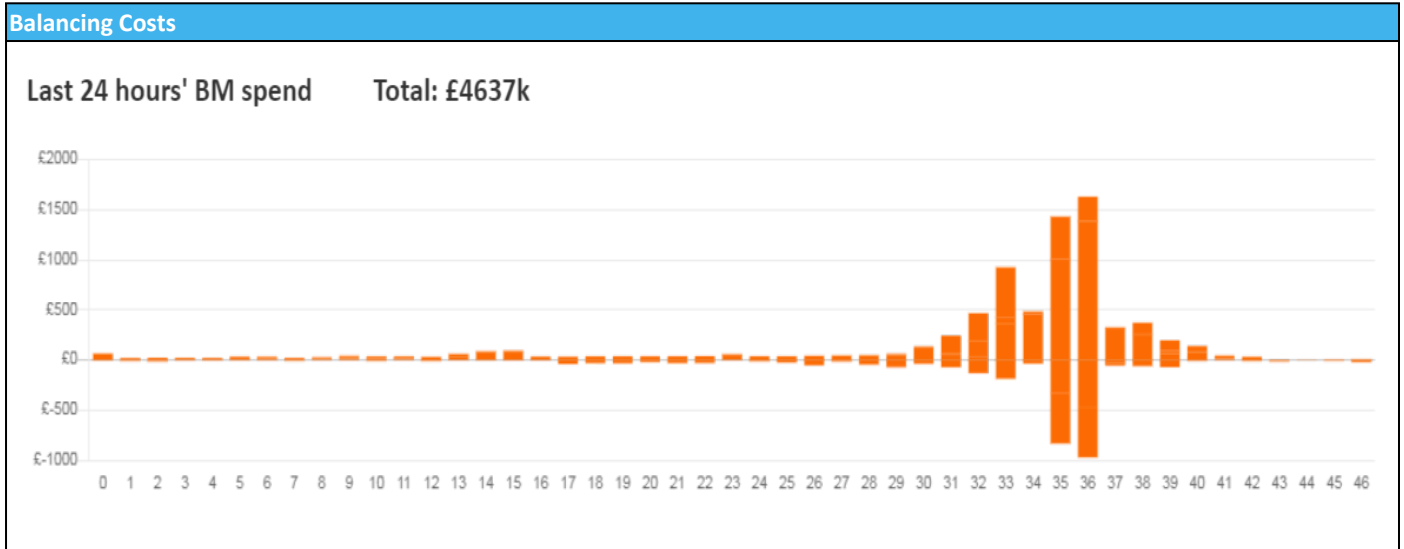


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 08 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			

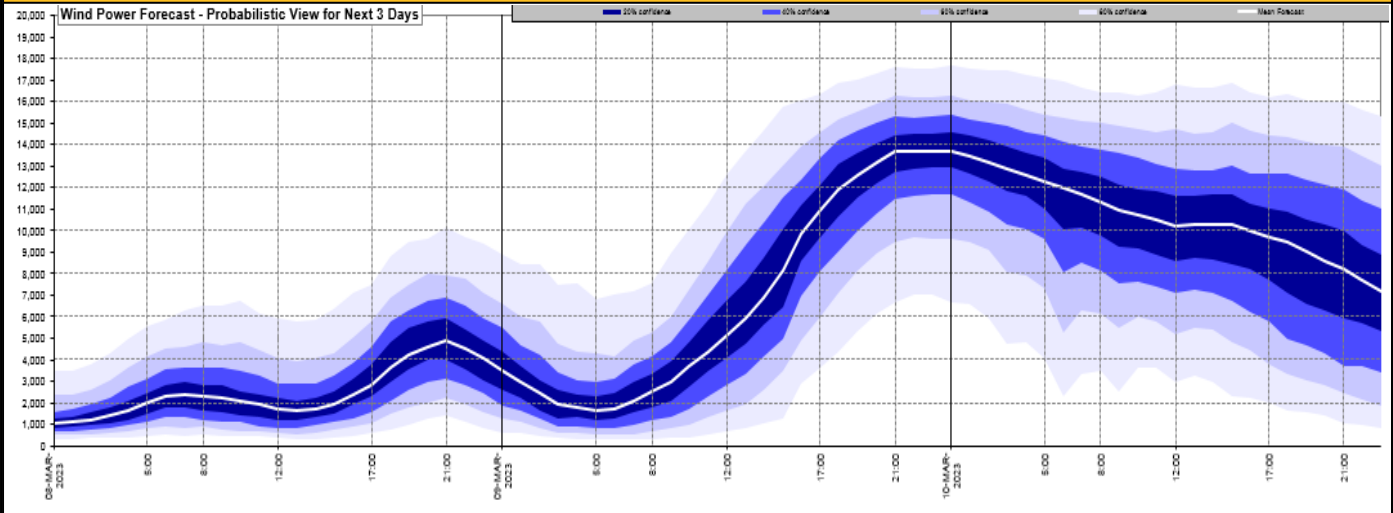
Today's Minimum De-Rated Margin	2184 (SP 36)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 1950 (SP 37)
Cash Out Price (Min)	£ 98.01 (SP 31)
Peak Demand Yesterday	42,501 MW
Minimum Demand	33,677 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

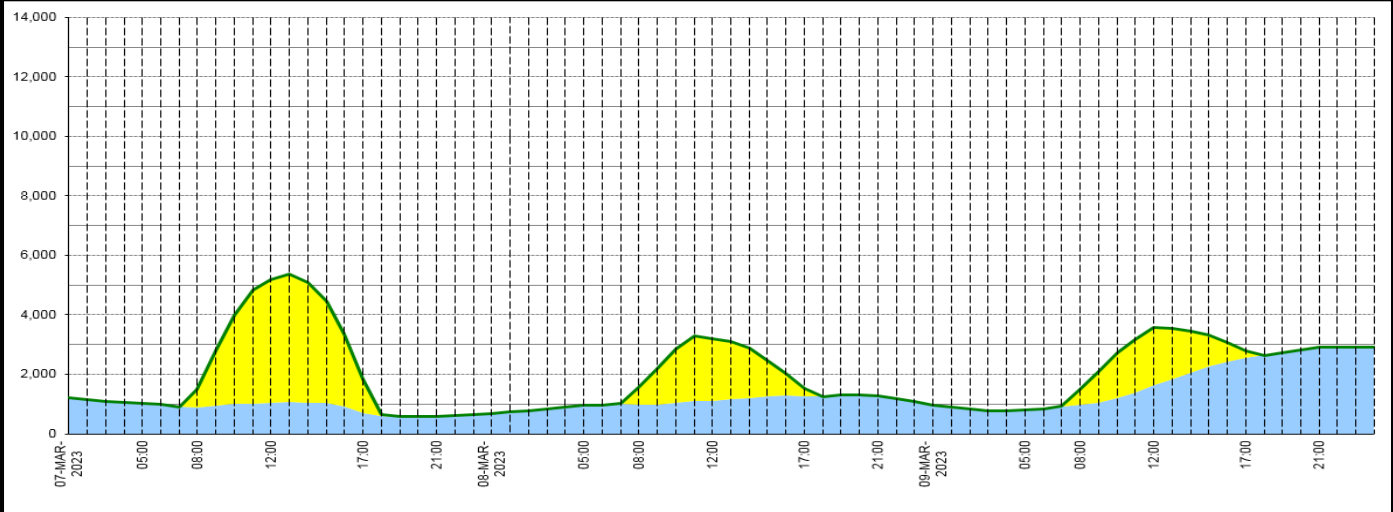
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	07-MAR-2023					08-MAR-2023					09-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	811	4124	1150	0	0	0	568	2080	265	0	0	0	536	1934	238	0
Wind (MW)	1023	890	1047	696	579	665	951	985	1113	1270	1267	977	800	966	1634	2537	2929
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1023	1501	5171	1846	579	665	951	1553	3193	1535	1267	977	800	1502	3568	2775	2929



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Spells of snow will affect parts of Wales, the Midlands, East Anglia and southern England at times, snow increasingly turn to rain in the far south later. Brighter further north, but some snow showers, mainly northern Scotland. Cold.</p> <p>Tonight: Spells of sleet and snow across Wales, the Midlands and East Anglia. Further south some rain or sleet. Clearer in the north, though some snow showers in the far north.</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: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber ACTIVE 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</p>

Weather	Source	Commentary
		<p>phone coverage, may be affected</p> <p>Yellow warning of snow and ice Areas affected: Northern Ireland ACTIVE Started at: 19:00 GMT on Tue 7 March Ends: 09:00 GMT on Wed 8 March Snow showers and ice may lead to some minor travel disruption.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths - Some roads and railways likely to be affected with longer journey times by road, bus and train services
		<p>Yellow warning of snow and ice Areas affected: East of England London & South East England South West England Wales West Midlands ACTIVE Started at: 00:00 GMT on Wed 8 March Ends: 09:00 GMT on Thu 9 March Spells of snow on Wednesday may cause travel disruption during Wednesday into Thursday morning</p> <ul style="list-style-type: none"> - Possible travel delays on roads stranding some vehicles and passengers - Bus and train services may be delayed or cancelled, with some road closures and longer journey times possible - Some rural communities could become temporarily cut off - Power cuts may occur and other services may be temporarily affected - Untreated pavements and cycle paths might be impassable with a chance of injuries from slips and falls on snow-covered or icy surfaces
		<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.</p> <ul style="list-style-type: none"> - 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>Flood Warnings</p> <p>0 flood warnings and 0 flood alerts issued for England.</p> <p>0 flood warnings 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.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