

**National Electricity
Transmission System Status Report**

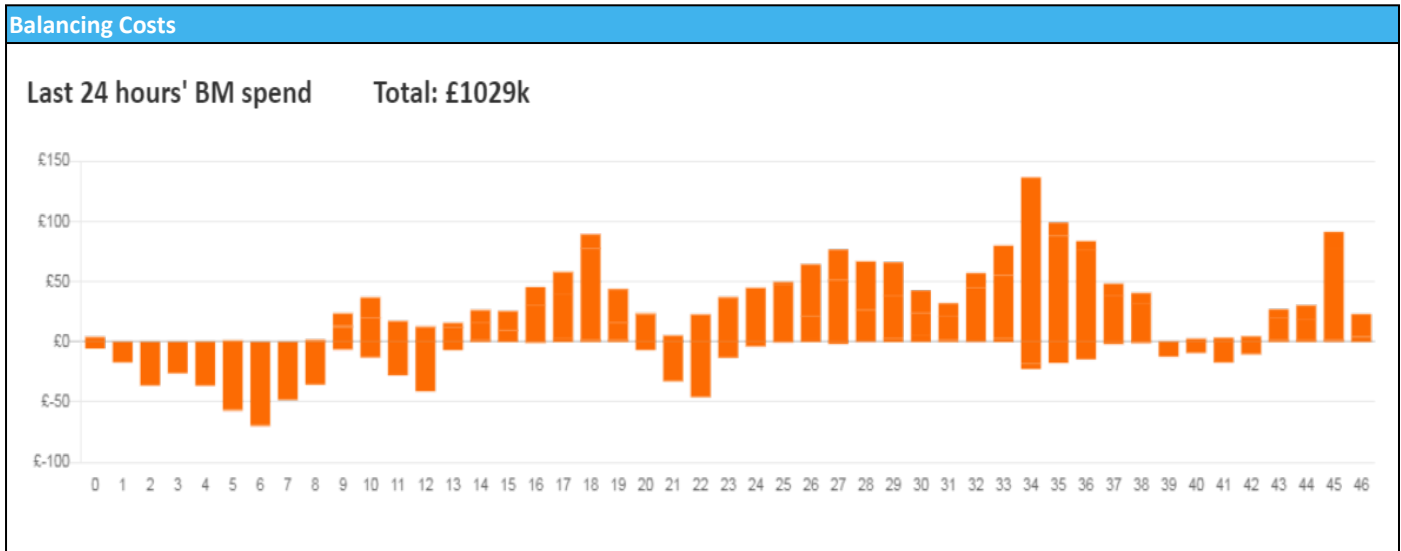


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 09 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	4098 (SP 18)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



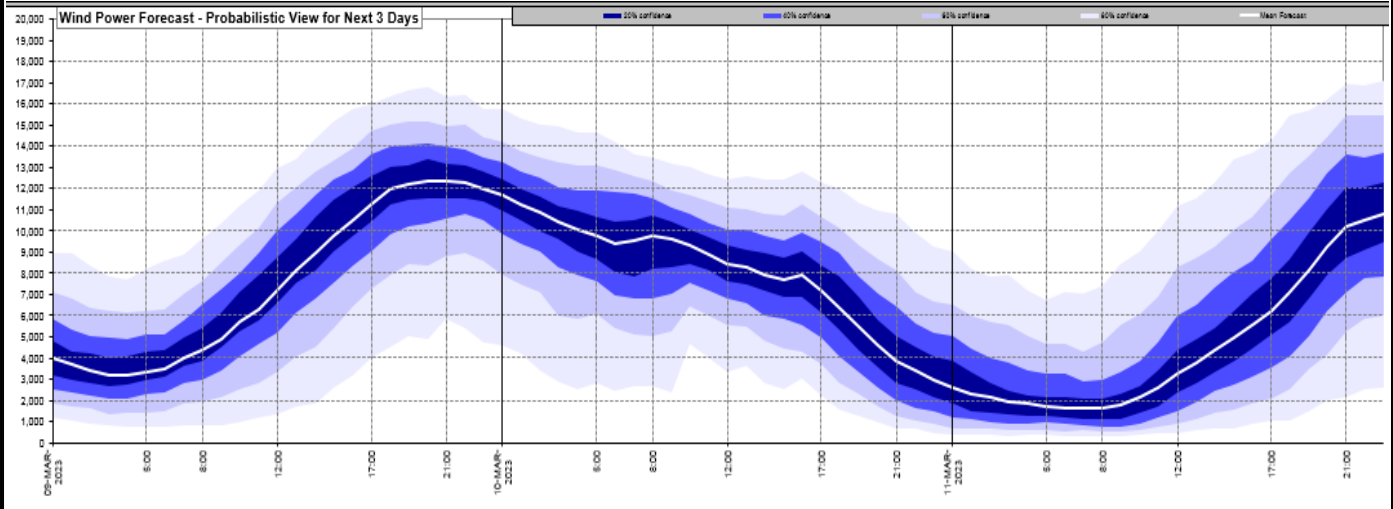
Yesterday's Market Summary

Cash Out Price (Max)	£ 284 (SP 36-38)
Cash Out Price (Min)	£ 99.5 (SP 41-42)
Peak Demand Yesterday	44,032 MW
Minimum Demand	38,884 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

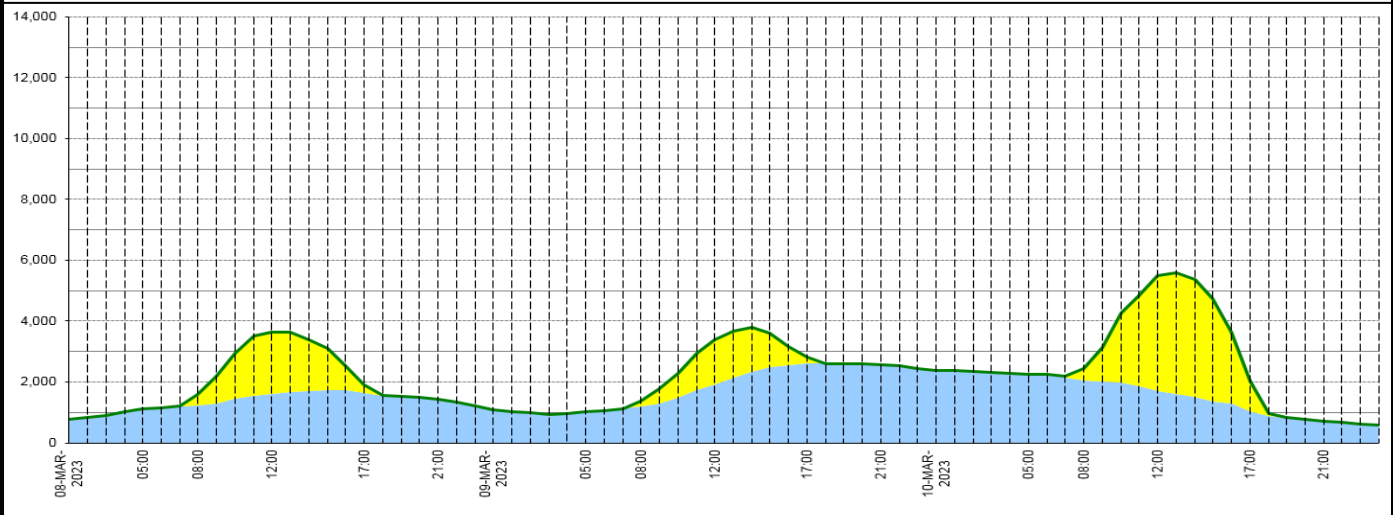
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates															Last run: 09-Mar-2023 04:33:38		
	08-MAR-2023					09-MAR-2023					10-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	354	2045	289	0	0	0	182	1466	208	0	0	0	391	3773	983	0
Wind (MW)	1121	1229	1601	1632	1423	1083	1024	1199	1925	2607	2553	2374	2253	2062	1715	1043	719
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1121	1583	3646	1921	1423	1083	1024	1381	3391	2815	2553	2374	2253	2453	5488	2026	719



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cold, cloudy, windy and unsettled for many today. Spells of rain will affect southern UK. Further north, spells of snow will affect parts of Wales, the Midlands, northern England, Northern Ireland and southern Scotland. Northern Scotland brighter with snow showers. Tonight: Further snow across parts of Wales, the Midlands, northern England, Northern Ireland and southern Scotland, heaviest snow northern England. Rain at times in the far south. Windy.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of snow and ice Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands Yorkshire & Humber ACTIVE Started at: 00:00 GMT on Wed 8 March Ends: 07:00 GMT on Thu 9 March Spells of snow and icy patches may cause travel disruption during Wednesday into Thursday morning - 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

Weather	Source	Commentary
		<ul style="list-style-type: none"> - 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 and ice Areas affected: Central, Tayside & Fife North East England SW Scotland, Lothian Borders ACTIVE Started at: 17:00 GMT on Wed 8 March Ends: 07:00 GMT on Thu 9 March Snow showers 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 - Probably some icy patches on some untreated roads, pavements and cycle paths - Some injuries from slips and falls on icy surfaces
		<p>Yellow warning of snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland ACTIVE Started at: 18:00 GMT on Wed 8 March Ends: 10:00 GMT on Thu 9 March Further snow showers and icy patches likely causing 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
		<p>Yellow warning of snow Areas affected: Central, Tayside & Fife East Midlands North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales West Midlands Yorkshire & Humber Starts: 07:00 GMT on Thu 9 March Ends: 14:00 GMT on Fri 10 March Heavy snow has the potential to cause disruption on Thursday and Friday.</p> <ul style="list-style-type: none"> - Possible travel delays on roads stranding some vehicles and passengers - Possible delays or cancellations to rail and air travel - Some rural communities could become cut off - Power cuts may occur and other services, such as mobile phone coverage, may be affected
		<p>Amber warning of snow Areas affected: East Midlands North East England North West England West Midlands Yorkshire & Humber Starts: 15:00 GMT on Thu 9 March Ends: 12:00 GMT on Fri 10 March Heavy snow is likely to cause significant disruption on Thursday afternoon and Friday morning</p> <ul style="list-style-type: none"> - Travel delays on roads, stranding some vehicles and passengers - Some delays and cancellations to rail and air 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>Flood Warnings 0 flood warnings and 5 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 2 flood alerts issued for Wales.</p>

Contains public sector information licensed under the Open Government Licence v1.0

Further Information	
BM Reports	https://www.bmreports.com

Further Information	
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