

**National Electricity
Transmission System Status Report**

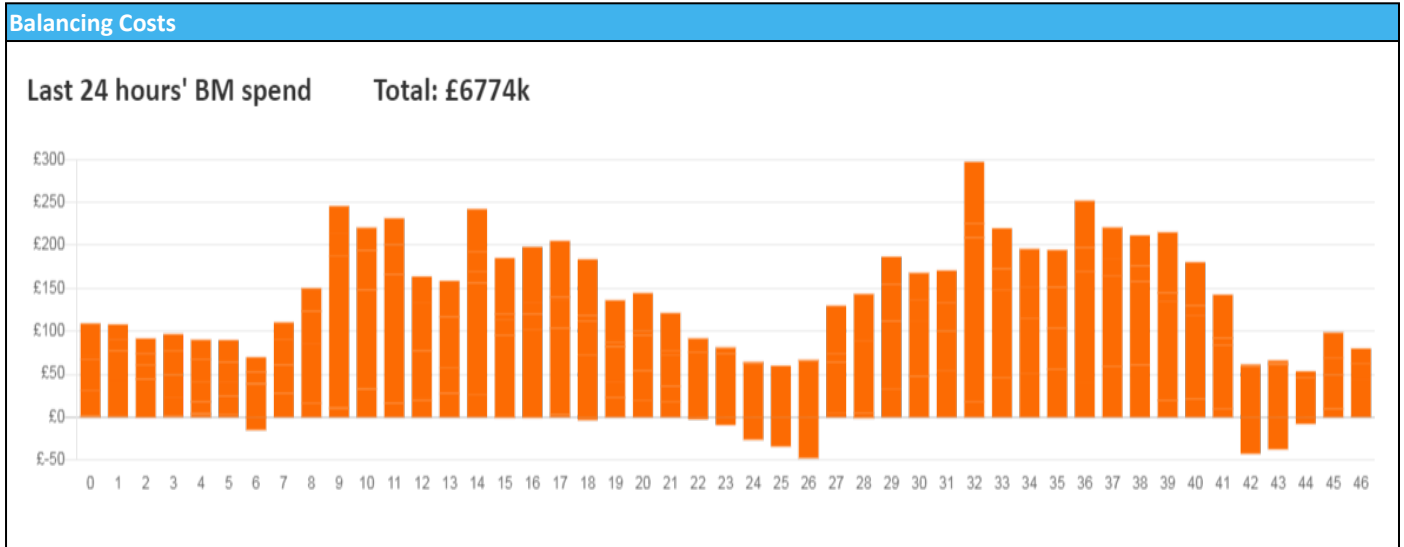


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 19 January 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	2439 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



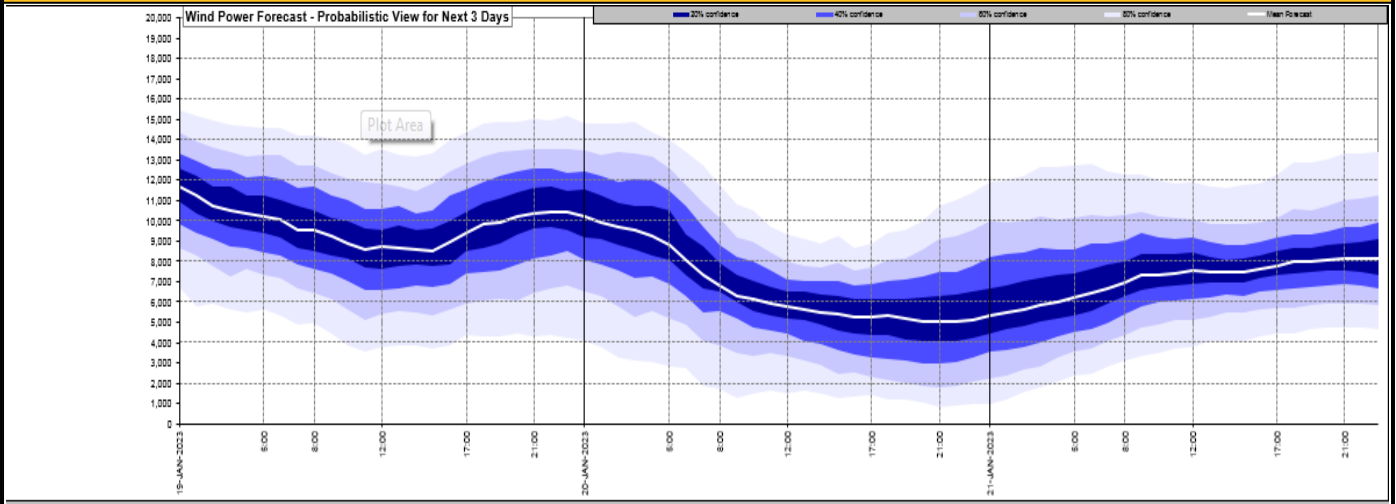
Yesterday's Market Summary

Cash Out Price (Max)	£234.00 (SP 34, 41)
Cash Out Price (Min)	£90.60 (SP 4, 8)
Peak Demand Yesterday	45,196 MW
Minimum Demand	24,509 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

Wind Power Forecast

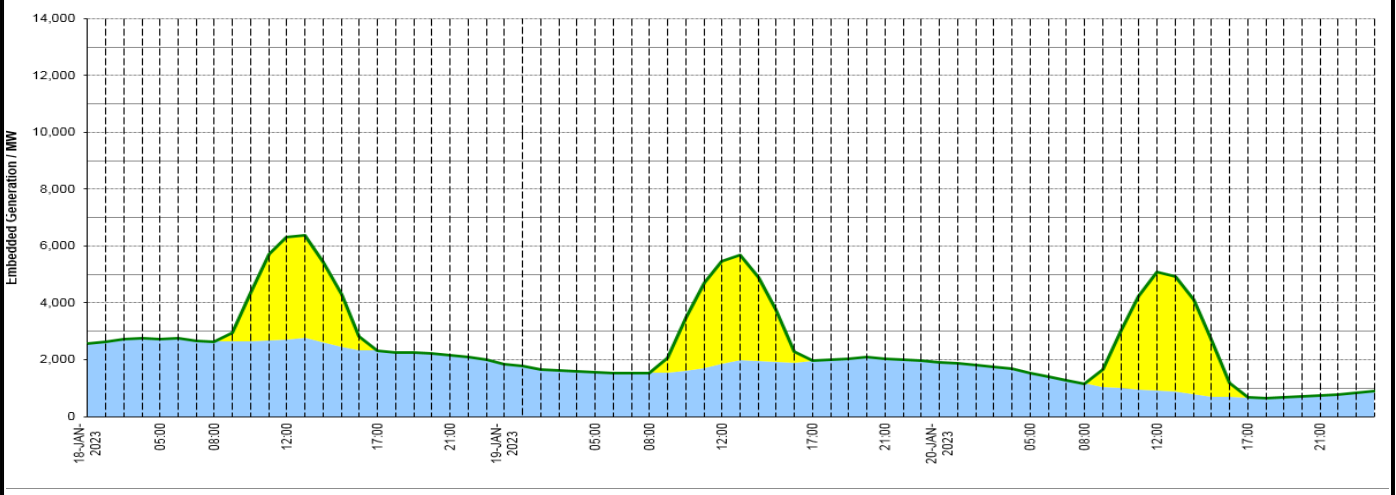


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 19-Jan-2023 01:43:53

	18-JAN-2023				19-JAN-2023				20-JAN-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	0	3592	0	0	0	0	3633	0	0	0	0	0	0	4157	0	0
Wind (MW)	2733	2633	2724	2324	2154	1844	1573	1535	1844	1969	2046	1902	1541	1164	920	666	749
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2733	2633	6316	2324	2154	1844	1573	1535	5477	1969	2046	1902	1541	1164	5077	666	749



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Today will be a calmer day. It will stay chilly, but there will be sunny spells for most with any showers gradually easing. Breezier in northern Scotland with wintry showers here throughout. Tonight: Tonight will be largely dry, clear and cold, with showers in northern Scotland gradually easing. Just the odd shower remaining for some on the Northern Isles, and the far north-east A calm night.
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: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde ACTIVE Started at: 09:00 GMT on Wed 18 January Ends: 12:00 GMT on Thu 19 January Further wintry showers bringing disruption from ice and snow.

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Some roads and railways affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Icy patches on some untreated roads, pavements and cycle paths <p>Yellow warning of snow and ice Areas affected: East Midlands North West England Northern Ireland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p>
		<p>ACTIVE Started at: 12:00 GMT on Wed 18 January Ends: 12:00 GMT on Thu 19 January Wintry showers bringing further disruption from ice and snow.</p>
		<ul style="list-style-type: none"> - Some roads and railways affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Icy patches on some untreated roads, pavements and cycle paths <p>Yellow warning of ice Areas affected: South West England</p>
		<p>ACTIVE Started at: 17:00 GMT on Wed 18 January Ends: 10:00 GMT on Thu 19 January Potential for ice to lead to some disruption this evening and overnight.</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
		<p>Flood Warnings 54 flood warnings and 93 flood alerts issued for England.</p>
		<p>0 flood warnings and 0 flood alerts issued for Scotland.</p>
		<p>0 flood warning and 1 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