

**National Electricity
Transmission System Status Report**

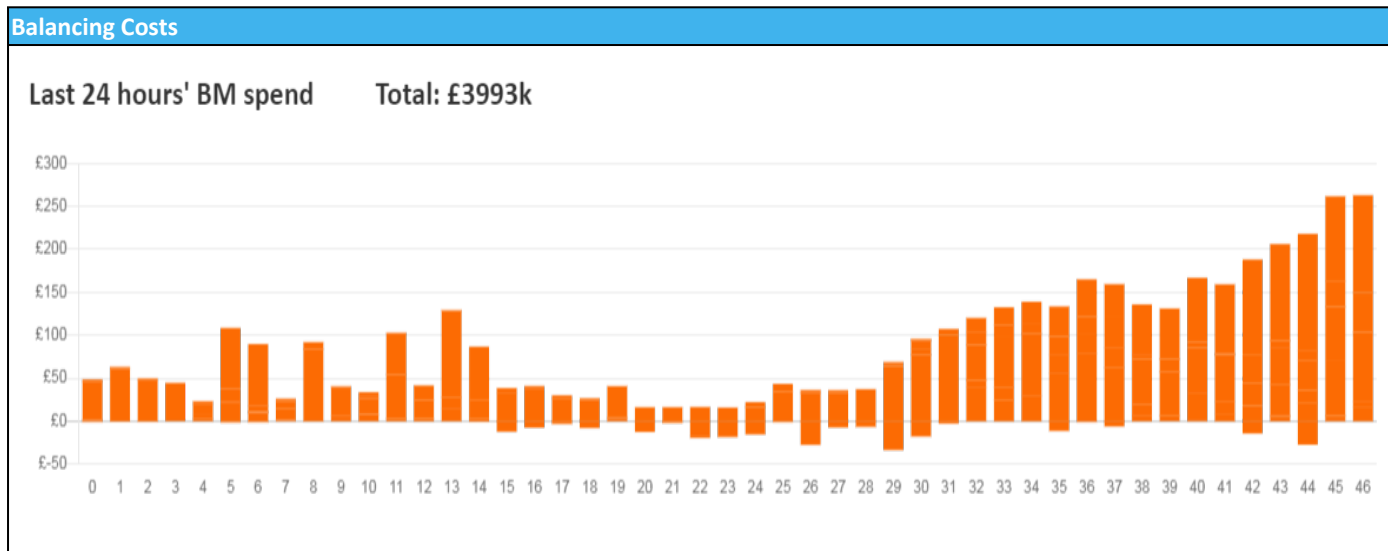


national**grid**ESO

National Electricity Transmission System Status Report
Friday 06 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	10,823 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW



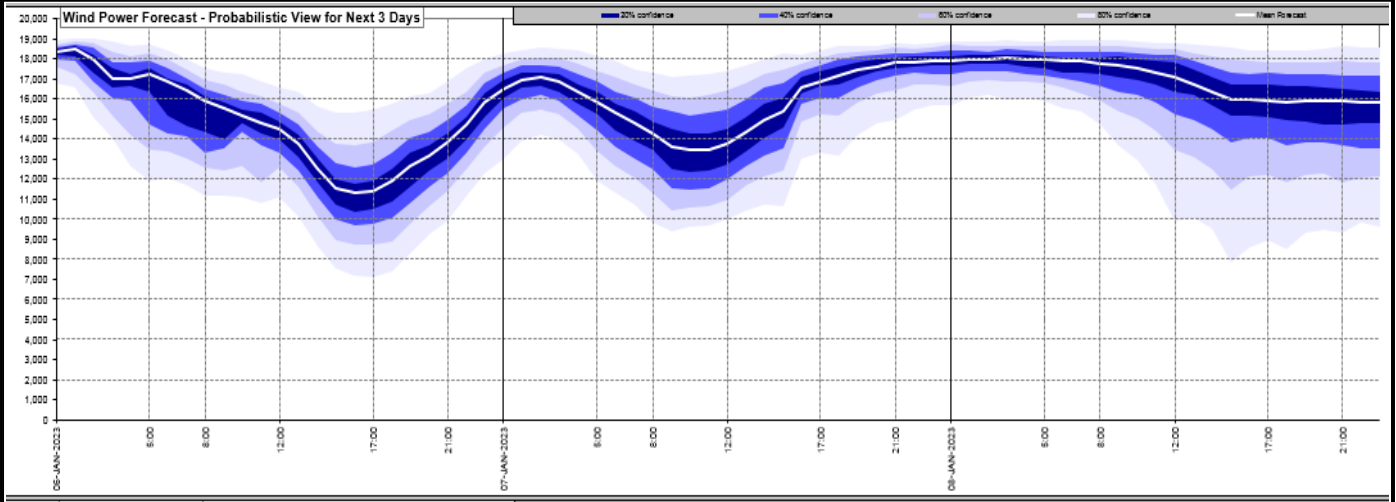
Yesterday's Market Summary

Cash Out Price (Max)	£199.00 (SP 21)
Cash Out Price (Min)	£6.06 (SP 8)
Peak Demand Yesterday	38,819 MW
Minimum Demand	19,010 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

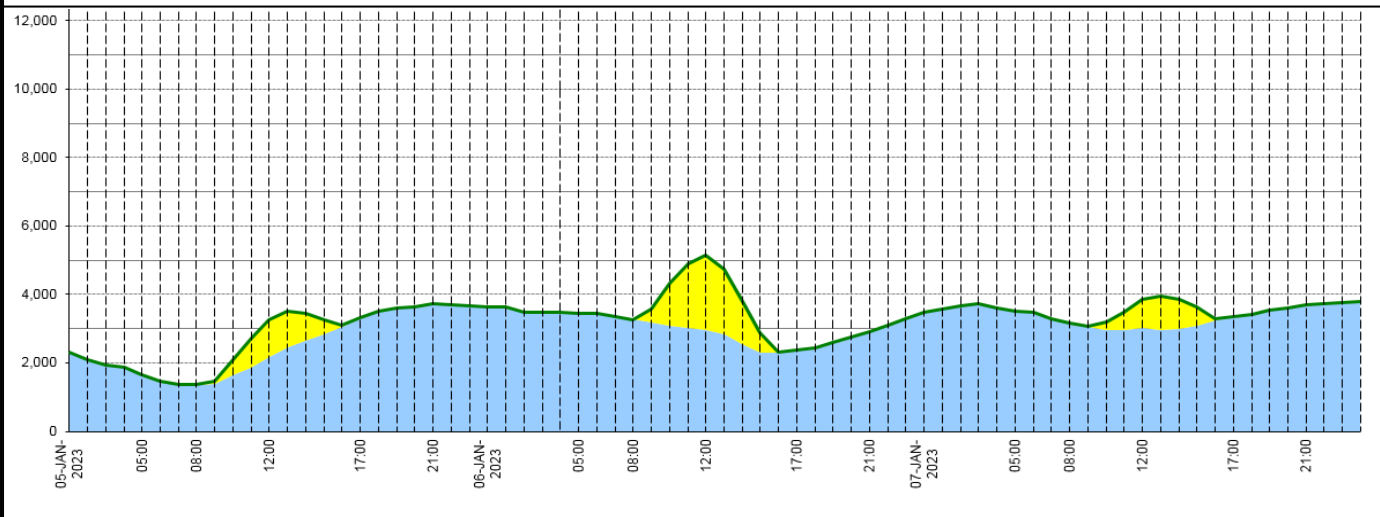
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	05-JAN-2023					06-JAN-2023					07-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	1076	0	0	0	0	0	2196	0	0	0	0	0	837	0	0
Wind (MW)	1666	1360	2171	3320	3721	3639	3445	3269	2953	2374	2902	3486	3501	3166	3017	3341	3697
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1666	1360	3247	3320	3721	3639	3445	3269	5149	2374	2902	3486	3501	3166	3854	3341	3697



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Windy with coastal severe gales and frequent showers across northern Scotland easing this afternoon. Elsewhere, largely dry with isolated showers although thicker cloud and outbreaks of rain will arrive across the south later. Mild.
		Tonight: Cloud and outbreaks of rain accompanied by strengthening winds moving northeast overnight, turning more persistent and heavy for a time in the west later. Remaining mild.
General Weather	Met Office	UK Weather Warnings

Weather	Source	Commentary
Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Weather Warnings SEPA Natural Resources Wales	<p>Yellow warning of wind:</p> <p>Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde</p> <p>ACTIVE</p> <p>Started at: 21:00 GMT on Thu 5 January</p> <p>Ends: 10:00 GMT on Fri 6 January</p> <p>High winds will cause travel disruption and bring difficult driving conditions, especially on exposed bridges, causeways and higher routes.</p>
		<p>Flood Warnings</p> <p>25 flood warnings and 57 flood alerts issued for England.</p> <p>2 flood warnings and 10 flood alerts issued for Scotland.</p> <p>0 flood warnings and 10 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
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