

National Electricity Transmission System Status Report

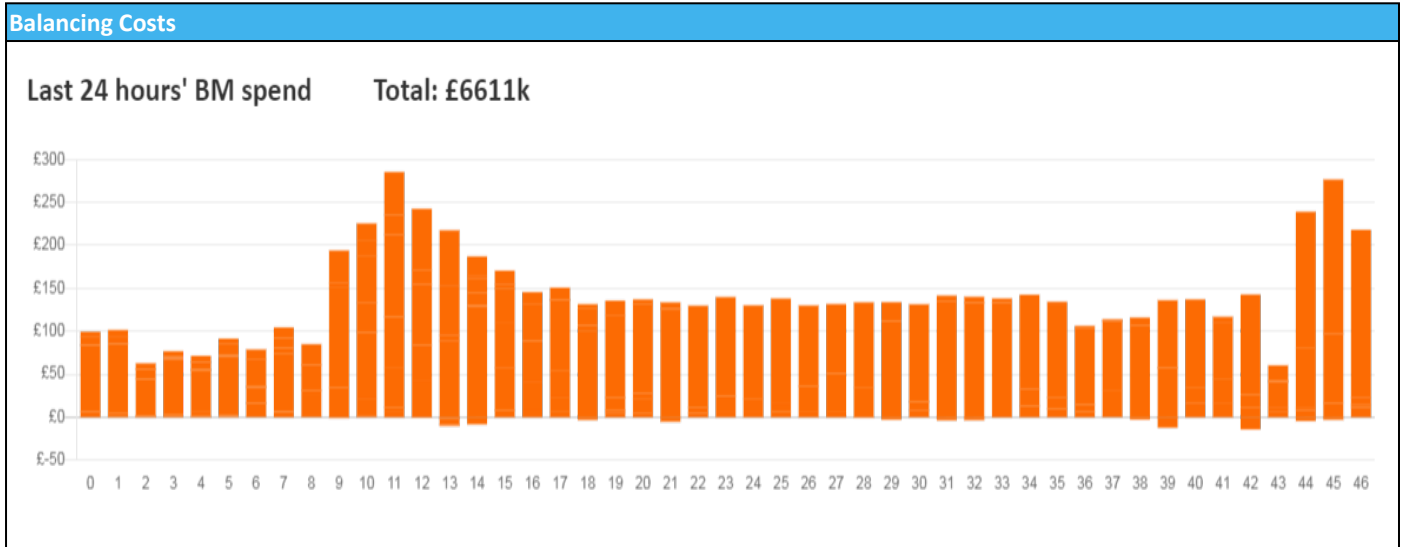


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 04 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	16,741 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW



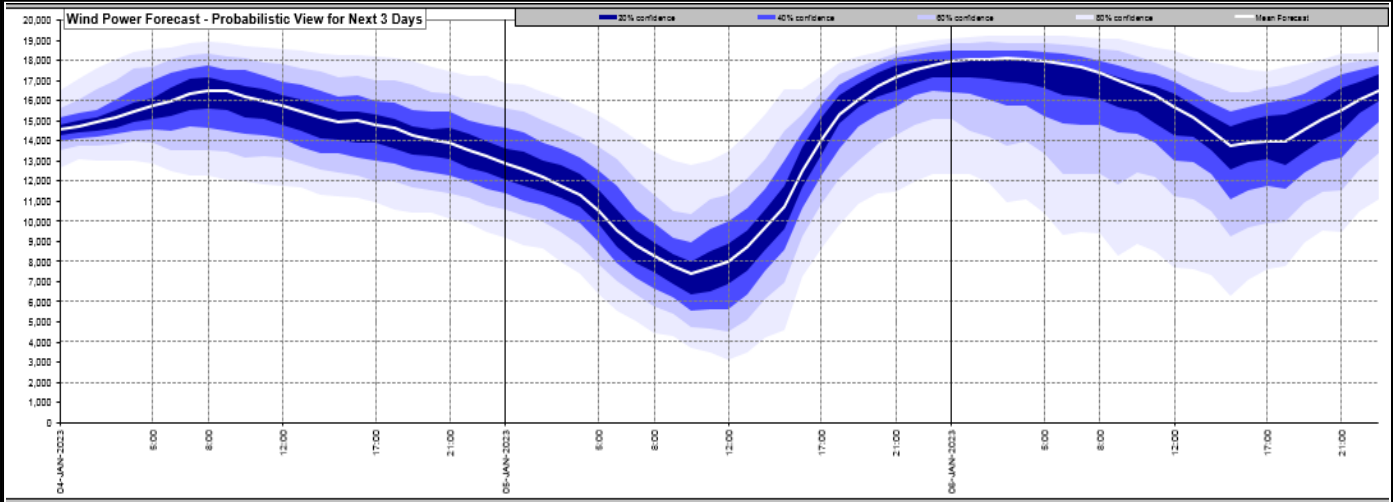
Yesterday's Market Summary

Cash Out Price (Max)	£229.50 (SP 30)
Cash Out Price (Min)	£20.00 (SP 15)
Peak Demand Yesterday	39,078 MW
Minimum Demand	18,180 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

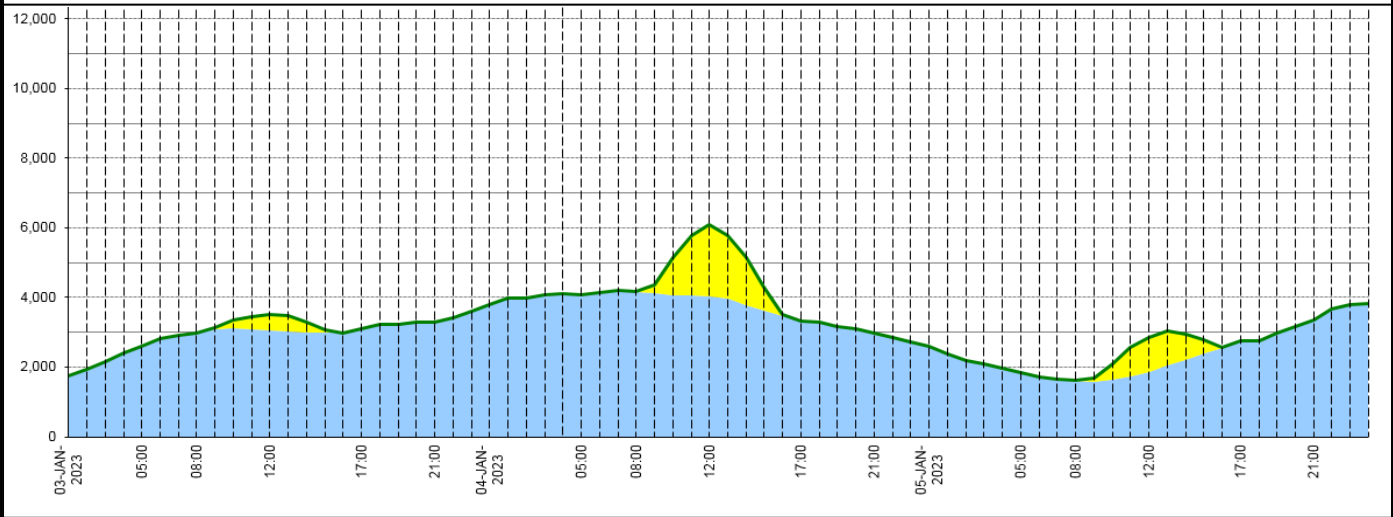
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-JAN-2023					04-JAN-2023					05-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	481	0	0	0	0	0	2057	0	0	0	0	0	1009	0	0
Wind (MW)	2591	2988	3044	3096	3277	3807	4071	4172	4036	3337	2979	2591	1837	1619	1856	2766	3353
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2591	2988	3525	3096	3277	3807	4071	4172	6093	3337	2979	2591	1837	1619	2865	2766	3353



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A band of rain will clear from most parts this morning, followed by further showery rain across southern Scotland, Northern Ireland and northern England. Becoming mostly dry elsewhere. Mild and windy for most.</p> <p>Tonight: Showery rain across some northern parts easing. Clear spells for a time, before further rain and drizzle reaches the southwest later. Patchy frost in the far north, else mild.</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 rain:</p> <p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE: Started at: 14:00 GMT on Tue 3 January</p>

Weather	Source	Commentary
		Ends: 06:00 GMT on Wed 4 January
		Occasionally heavy rain, and a thaw of lying hill snow, is expected to lead to localised flooding and transport disruption.
		Flood Warnings 19 flood warnings and 69 flood alerts issued for England. 0 flood warnings and 13 flood alerts issued for Scotland. 5 flood warnings and 30 flood alerts issued for Wales.

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