

**National Electricity
Transmission System Status Report**

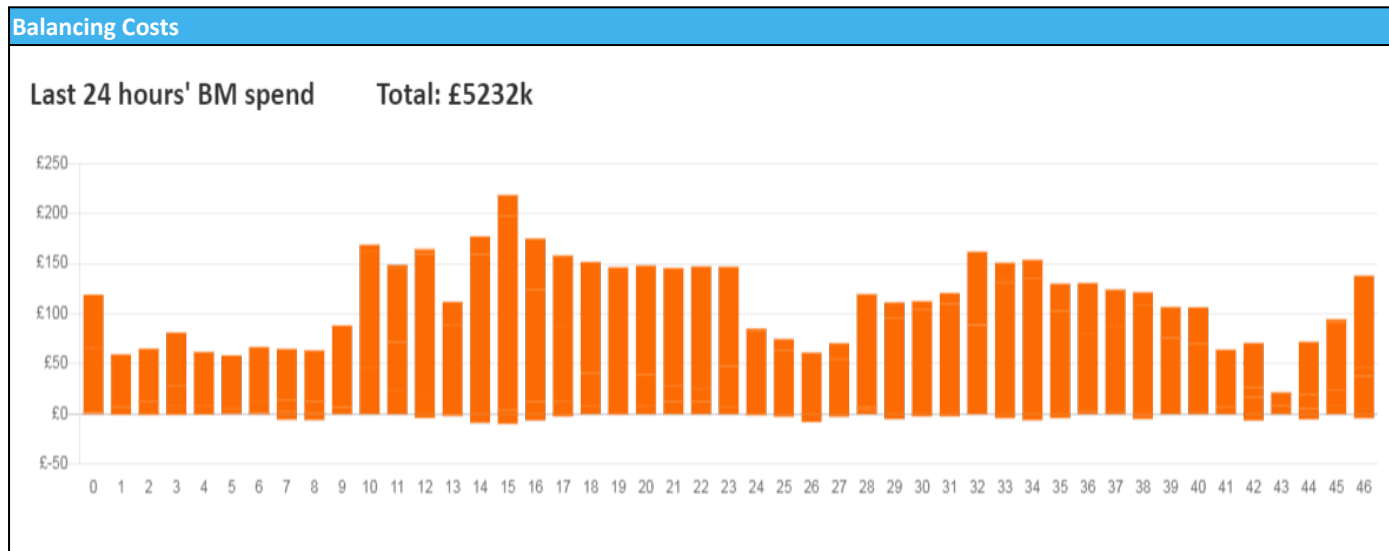


national**grid**ESO

National Electricity Transmission System Status Report
Friday 13 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	6,751 MW (SP 37)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW



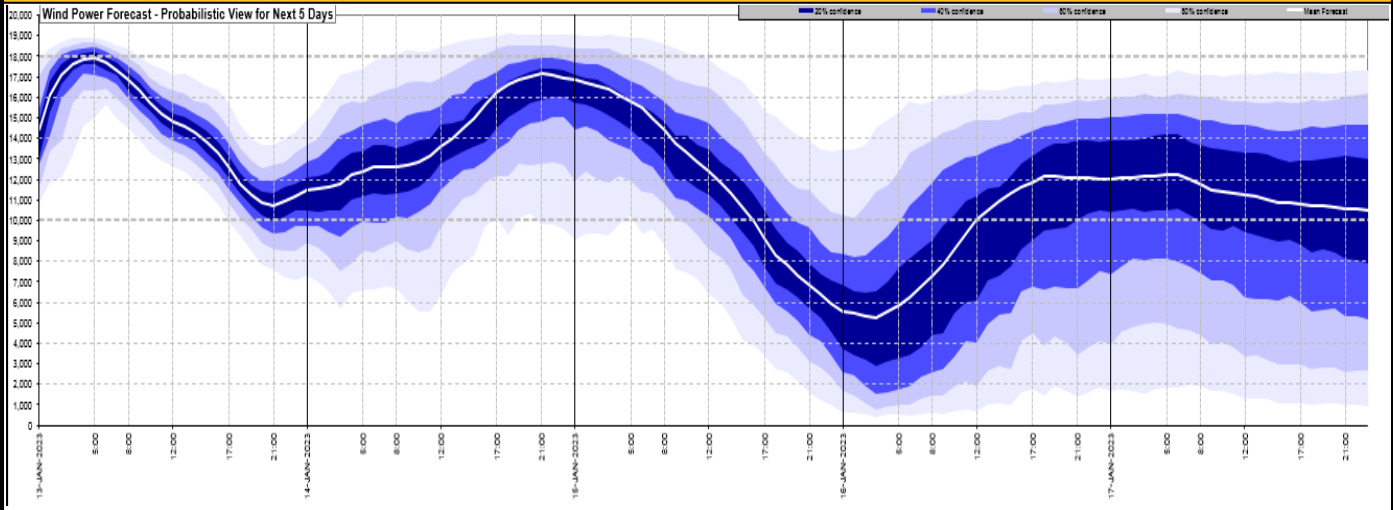
Yesterday's Market Summary

Cash Out Price (Max)	£224.00 (SP 14)
Cash Out Price (Min)	-£73.00 (SP 48)
Peak Demand Yesterday	38,196 MW
Minimum Demand	19,320 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 - Bipole 1 faulted
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

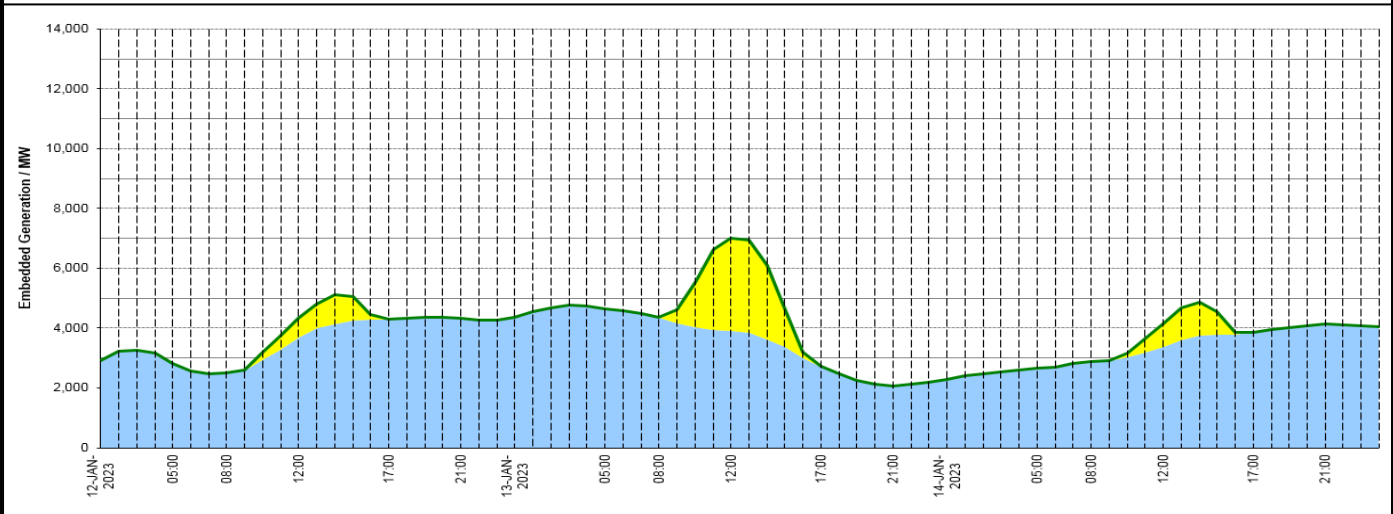
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	12-JAN-2023					13-JAN-2023					14-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	622	0	0	0	0	0	3090	0	0	0	0	0	791	0	0
Wind (MW)	2814	2504	3694	4290	4335	4376	4642	4347	3917	2711	2072	2288	2657	2883	3363	3862	4139
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2814	2504	4316	4290	4335	4376	4642	4347	7007	2711	2072	2288	2657	2883	4154	3862	4139



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Starting cloudy for many with showers and some longer spells of rain. Many areas becoming drier and brighter through the day, with showers becoming confined to northern areas. Morning gales moderating but staying windy.</p> <p>Tonight: Most parts dry for a time but further outbreaks of rain moving northeastwards, heavy at times. Turning windy again with coastal gales.</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 None.</p> <p>Flood Warnings 85 flood warnings and 168 flood alerts issued for England. 8 flood warnings and 0 flood alerts issued for Scotland. 10 flood warnings and 22 flood alerts issued for Wales.</p>

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