

**National Electricity
Transmission System Status Report**

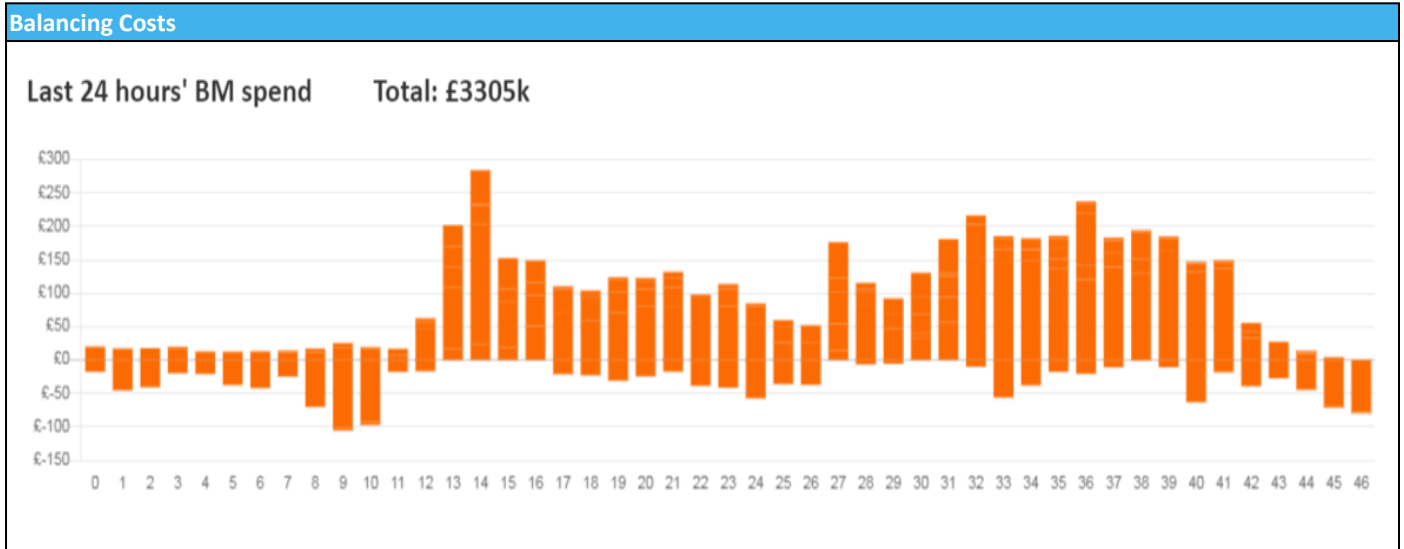


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 24 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			

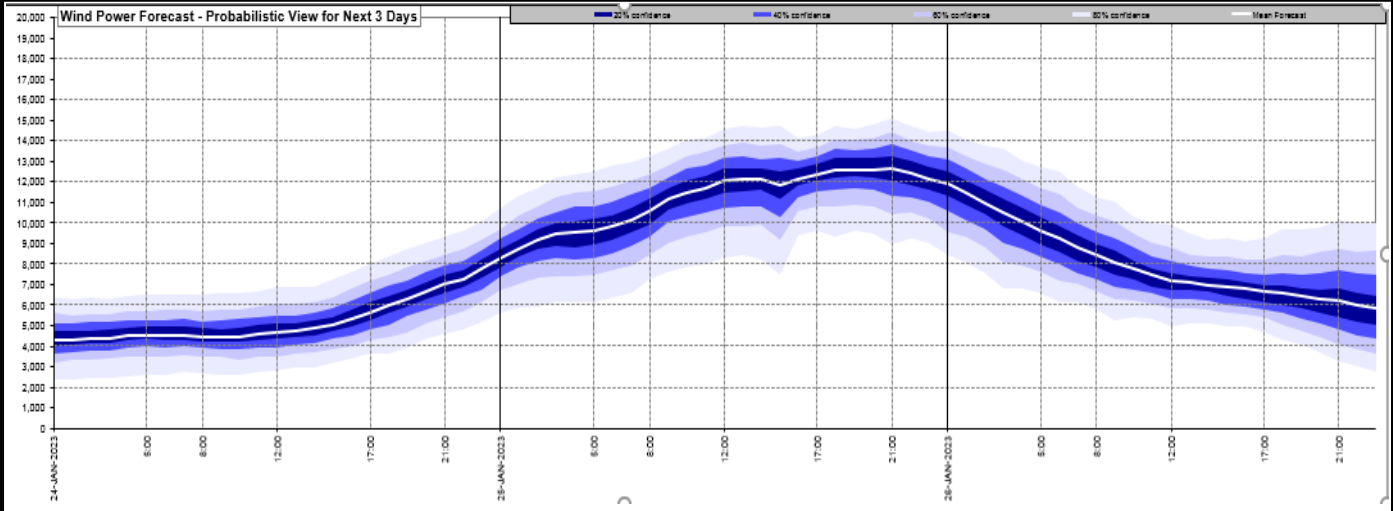
Today's Minimum De-Rated Margin	1900 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£275.0 (SP 16)
Cash Out Price (Min)	£111.00 (SP 3)
Peak Demand Yesterday	45,096 MW
Minimum Demand	25,480 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

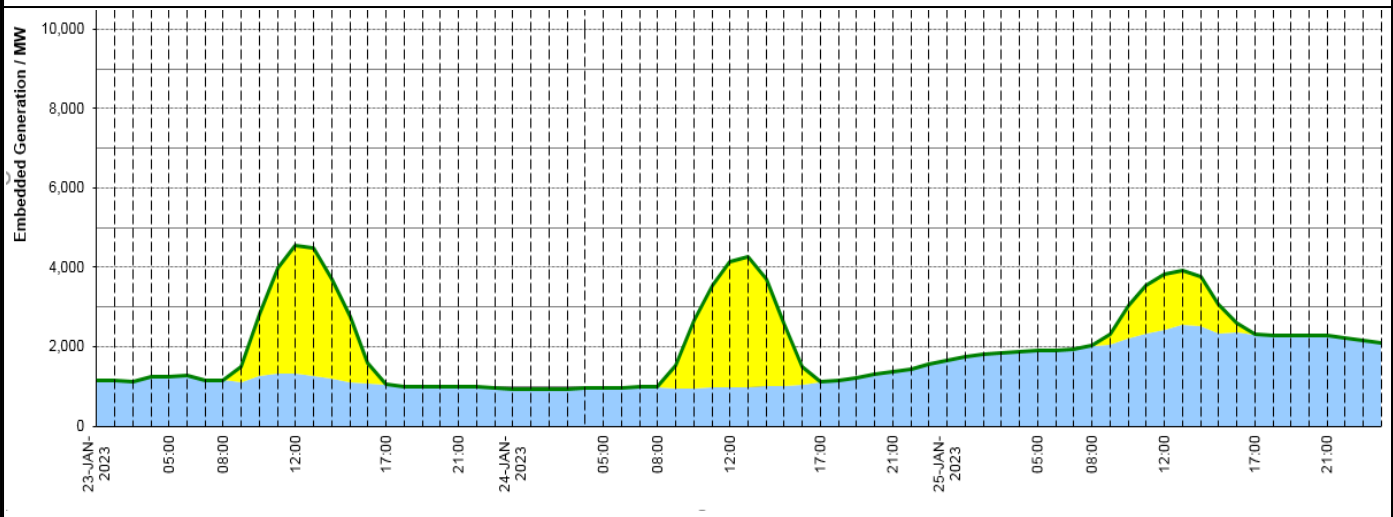
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	23-JAN-2023					24-JAN-2023					25-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	3237	0	0	0	0	28	3168	21	0	0	0	23	1410	18	0
Wind (MW)	1250	1153	1310	1041	995	937	972	972	972	1088	1382	1650	1893	2002	2420	2306	2280
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1250	1153	4547	1041	995	937	972	1000	4140	1109	1382	1650	1893	2025	3830	2324	2280



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Mostly cloudy across much of Scotland, northern England, Northern Ireland, northwest Wales and southeastern England with cloud thick enough for rain in western parts. Brighter elsewhere with early freezing fog slow to clear for some. Cold in the south. Tonight: Often cloudy for much of the northern half of the UK with some rain over western hills and more generally over Scotland later. Further south, frosty with some freezing fog.
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 fog Areas affected: North West England South West England Wales West Midlands ACTIVE Started at: 04:20 GMT on Tue 24 January Ends: 10:30 GMT on Tue 24 January Flood Warnings 34 flood warnings and 42 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning and 0 flood alerts issued for Wales.

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