

**National Electricity
Transmission System Status Report**

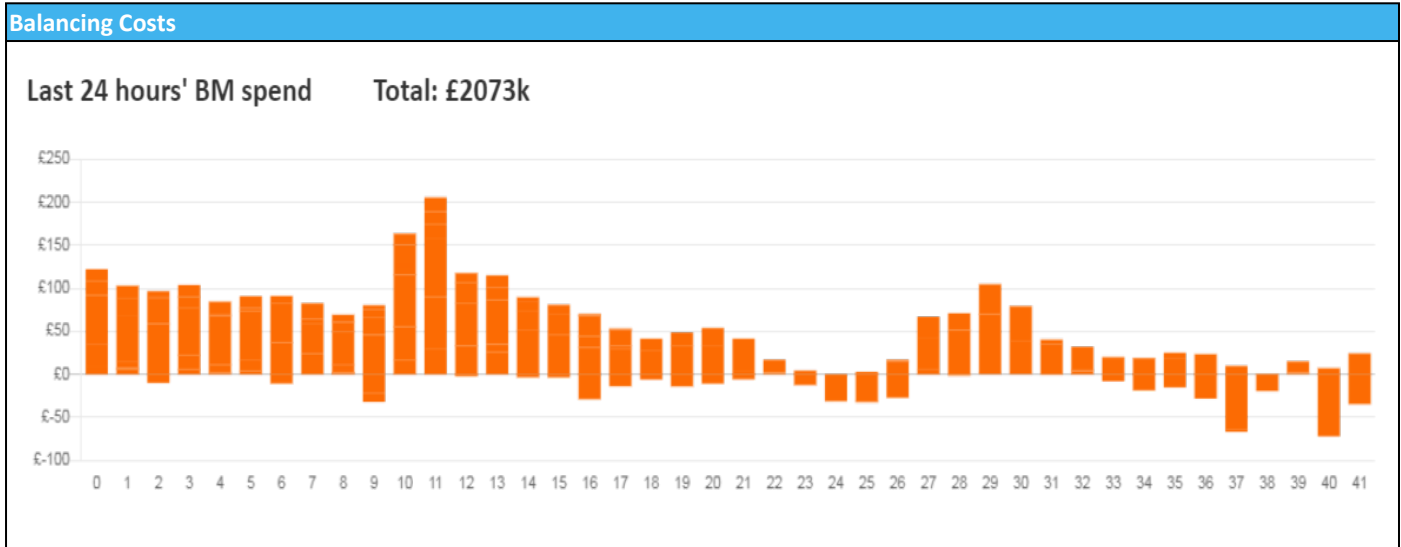


national**grid**ESO

National Electricity Transmission System Status Report
Monday 23 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			

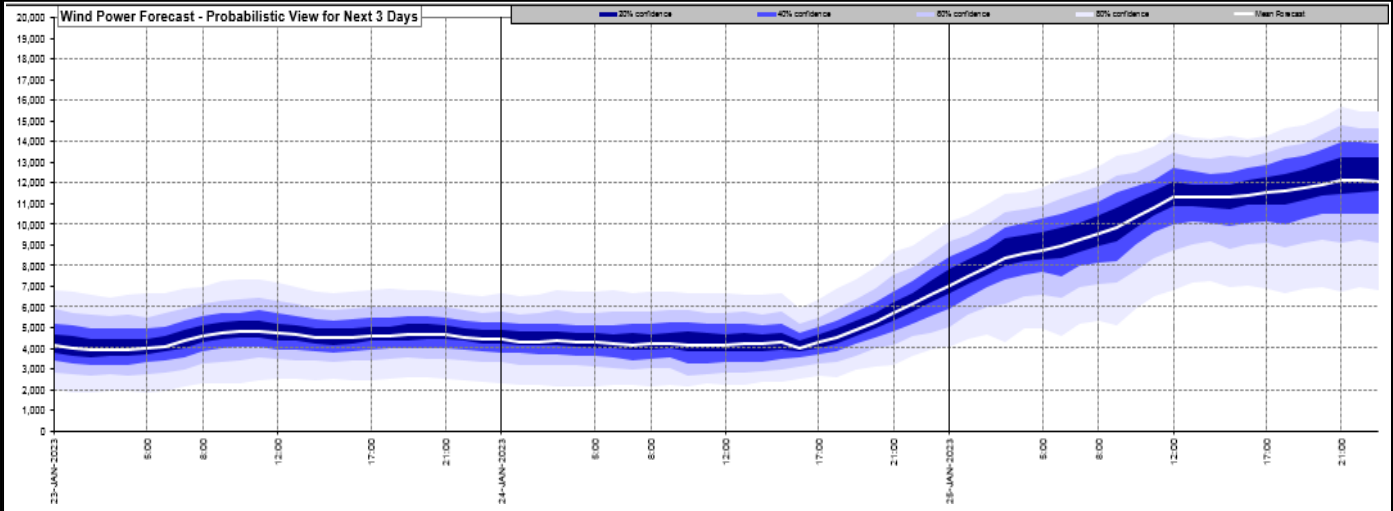
Today's Minimum De-Rated Margin	631MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£259.88 (SP 35)
Cash Out Price (Min)	£50.00 (SP 15-16)
Peak Demand Yesterday	42,118MW
Minimum Demand	23,232MW

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

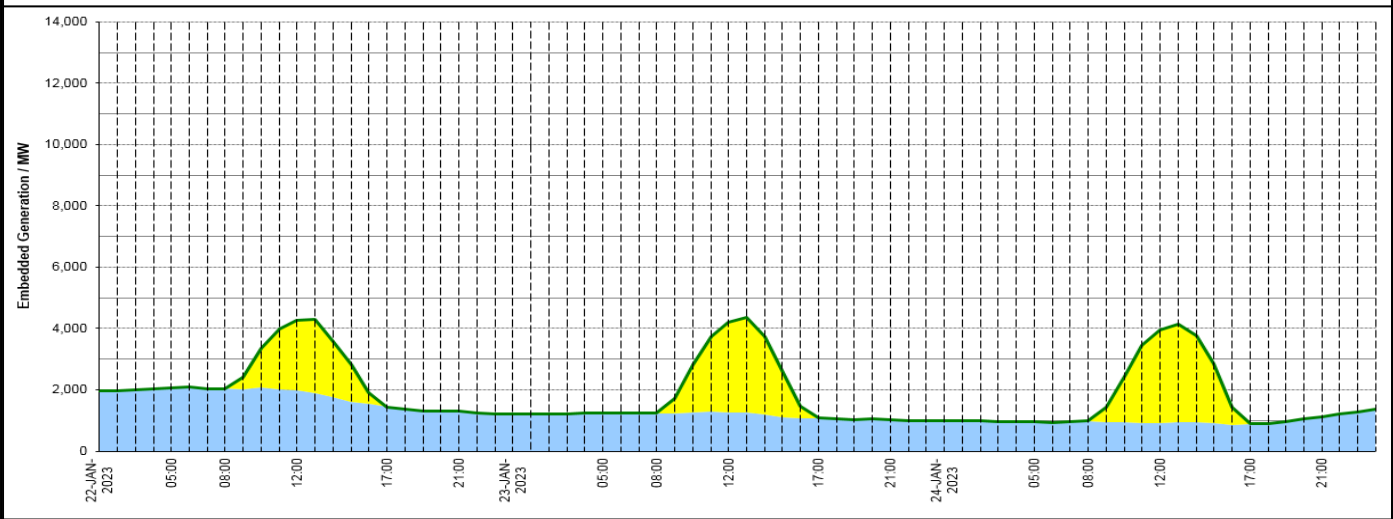
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-JAN-2023					23-JAN-2023					24-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	2273	0	0	0	0	0	2933	0	0	0	0	20	3056	19	0
Wind (MW)	2056	2047	1989	1449	1293	1229	1241	1231	1276	1075	1027	980	967	962	911	877	1130
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2056	2047	4262	1449	1293	1229	1241	1231	4209	1075	1027	980	967	982	3967	896	1130



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Frosty start across central and southern England, with freezing fog patches, persisting throughout in a few places, else sunny spells developing. The odd shower far southeast, whilst cloudier and milder across west and north with some drizzle in the west.</p> <p>Tonight: Frosty with freezing fog reforming across central and southern England and east Wales. Cloudier far southeast, and also in northwestern areas with some light rain or drizzle.</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 weather warning for fog Areas affected: East Midlands, London & South East England, East of England, Yorkshire & Humber</p> <p>Flood Warnings 39 flood warnings and 47 flood alerts issued for England. 1 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning and 0 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