

National Electricity Transmission System Status Report

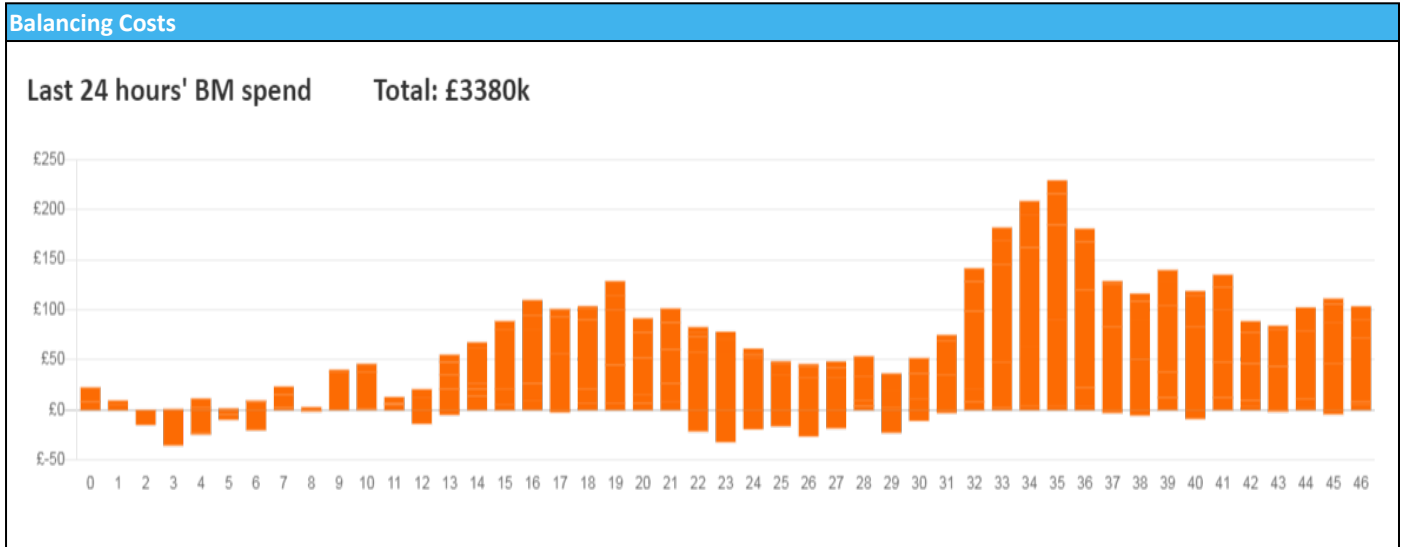


nationalgridESO

National Electricity Transmission System Status Report
Sunday 22 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	3254 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



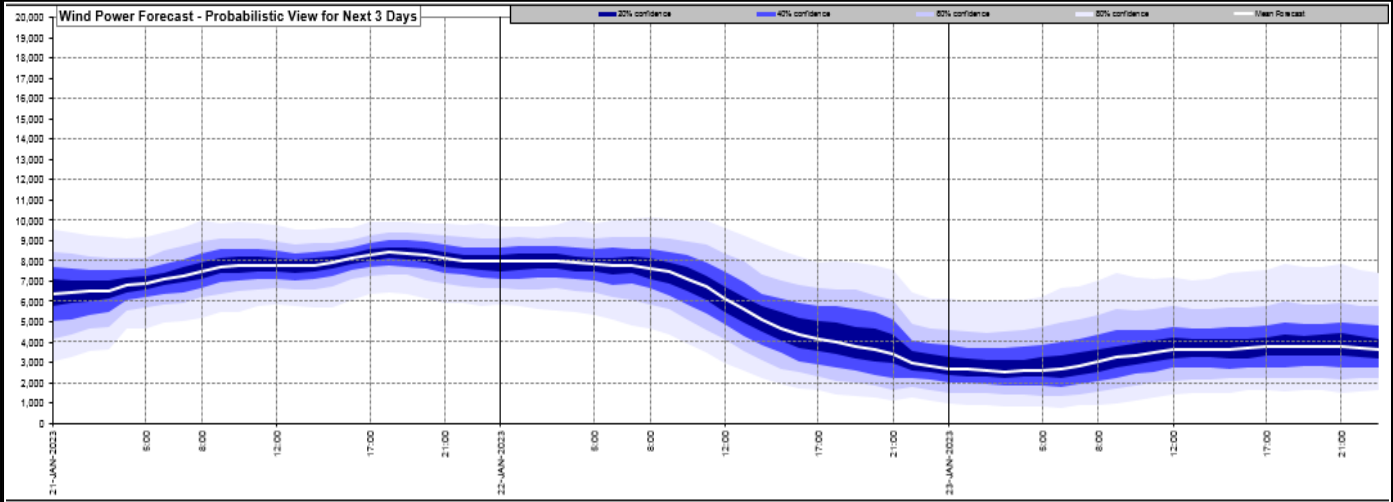
Yesterday's Market Summary

Cash Out Price (Max)	£290.00 (SP 2)
Cash Out Price (Min)	£21.85 (SP 7)
Peak Demand Yesterday	40,256 MW
Minimum Demand	24,404 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

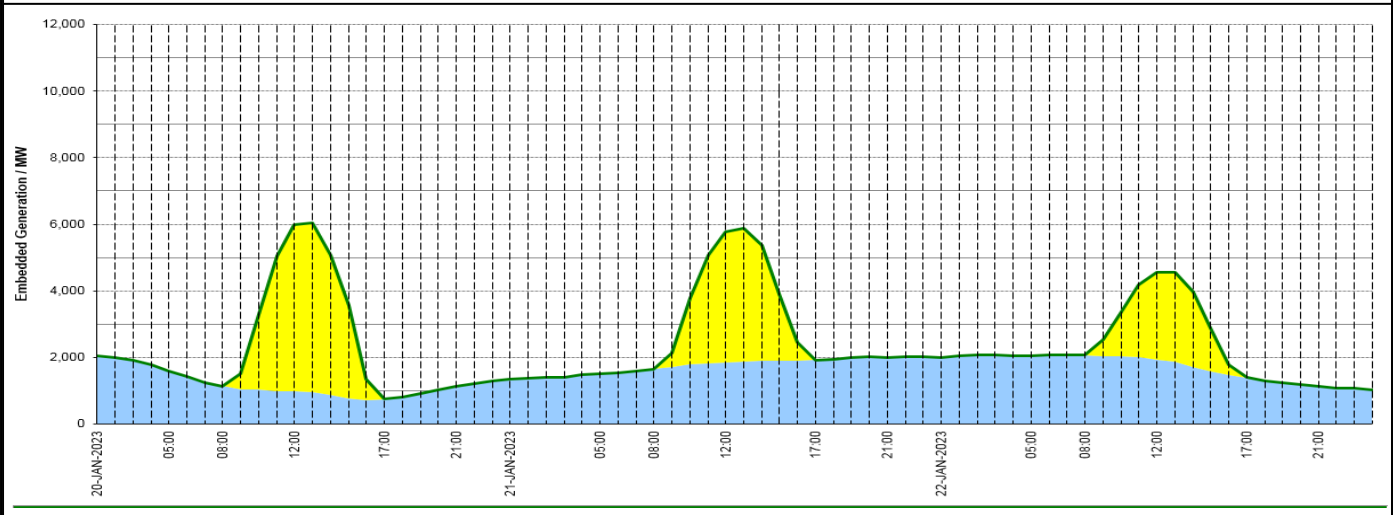
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-JAN-2023					21-JAN-2023					22-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	5007	0	0	0	0	0	3926	0	0	0	0	0	2637	0	0
Wind (MW)	1581	1137	984	743	1126	1344	1507	1647	1833	1924	2001	2000	2060	2068	1927	1395	1127
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1581	1137	5991	743	1126	1344	1507	1647	5759	1924	2001	2000	2060	2068	4564	1395	1127



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Frosty start across much of England, with areas of freezing fog, which may persist all day in some eastern districts, else sunny period south and east. Cloudier and milder across west and north with some rain or drizzle at times.</p> <p>Tonight: Frost and patchy freezing fog across southern and eastern England. Cloudier with some rain or drizzle in the north and west with areas of mist and fog across Northern Ireland.</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, North West England, South West England, Wales, West Midlands, Yorkshire & Humber</p> <p>Flood Warnings 39 flood warnings and 56 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.</p>

Weather	Source	Commentary

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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