

**National Electricity
Transmission System Status Report**

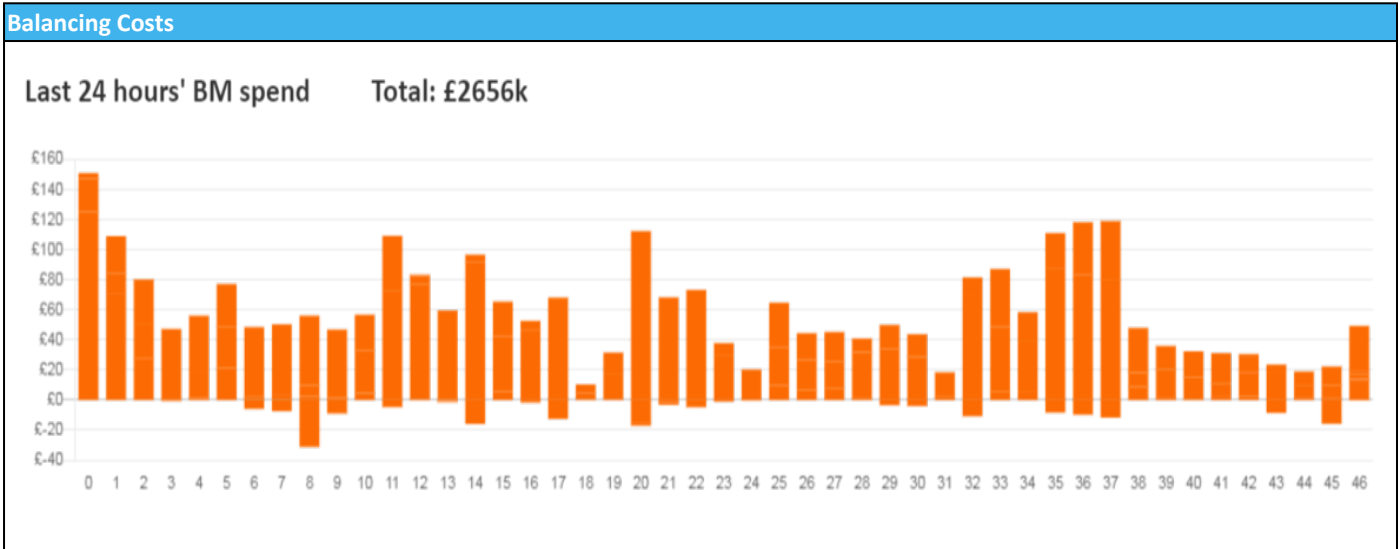


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 21 March 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	13883 (SP38)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



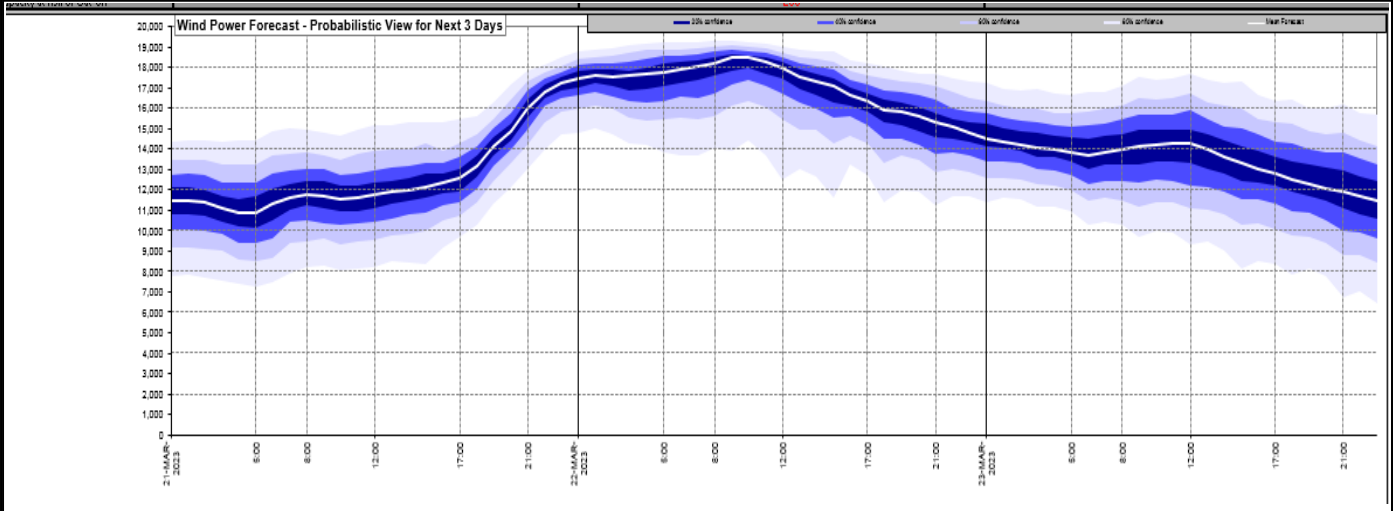
Yesterday's Market Summary

Cash Out Price (Max)	£ 235.00 (SP 37-39)
Cash Out Price (Min)	£ 80.1 (SP 47)
Peak Demand Yesterday	37,577 MW
Minimum Demand	20,225 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1500	1500	Partially Available.
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1100	1100	Partially Available
France (IFA2)	1014	1014	Fully Available

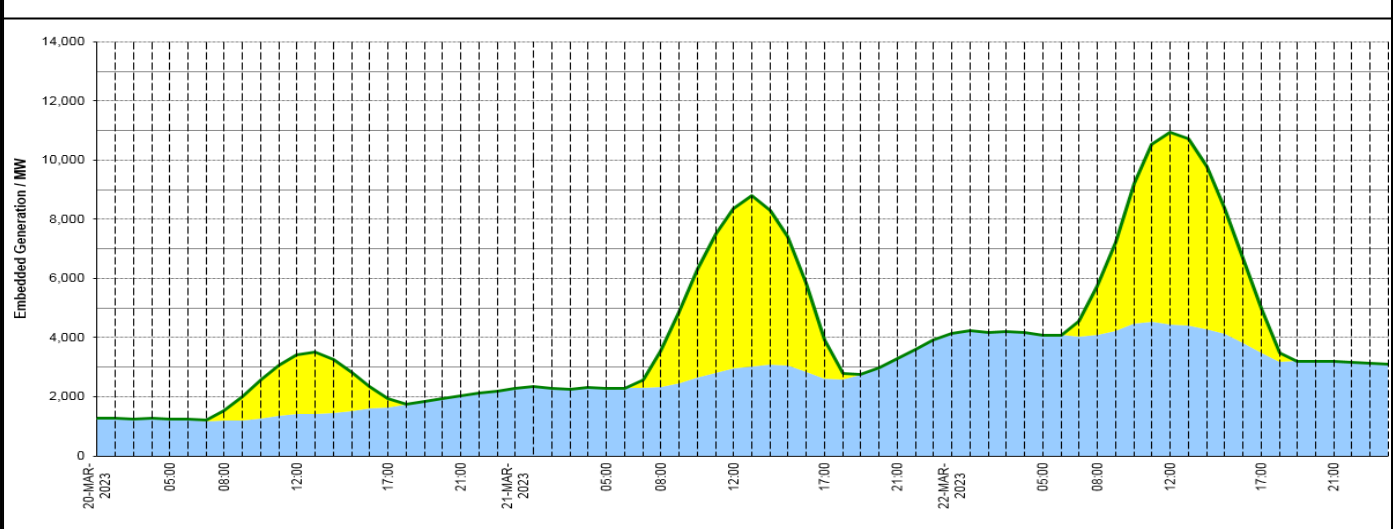
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates														Last run: 21-Mar-2023 01:49:13			
	20-MAR-2023					21-MAR-2023					22-MAR-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	356	1985	285	0	0	0	1190	5416	1293	0	0	0	1667	6513	1482	0
Wind (MW)	1242	1186	1417	1646	2038	2275	2280	2344	2950	2623	3293	4132	4088	4082	4427	3510	3211
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1242	1542	3402	1931	2038	2275	2280	3534	8366	3916	3293	4132	4088	5749	10940	4992	3211



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain soon clearing eastwards, although persisting across the Northern Isles. Most places then having sunny spells, but there will also be a scattering of showers, some heavy in the east. Further rain and strong winds into the far west later. Tonight: Rain and strong winds moving east, the rain heaviest over western hills, then clear spells and heavy showers following. Gales and possibly severe gales in the northwest later
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK. Flood Warnings 2 flood warnings and 15 flood alerts issued for England. 1 flood alert and 2 flood warning for Scotland. 0 flood warnings and 4 flood alerts issued for Wales.

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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