

National Electricity Transmission System Status Report

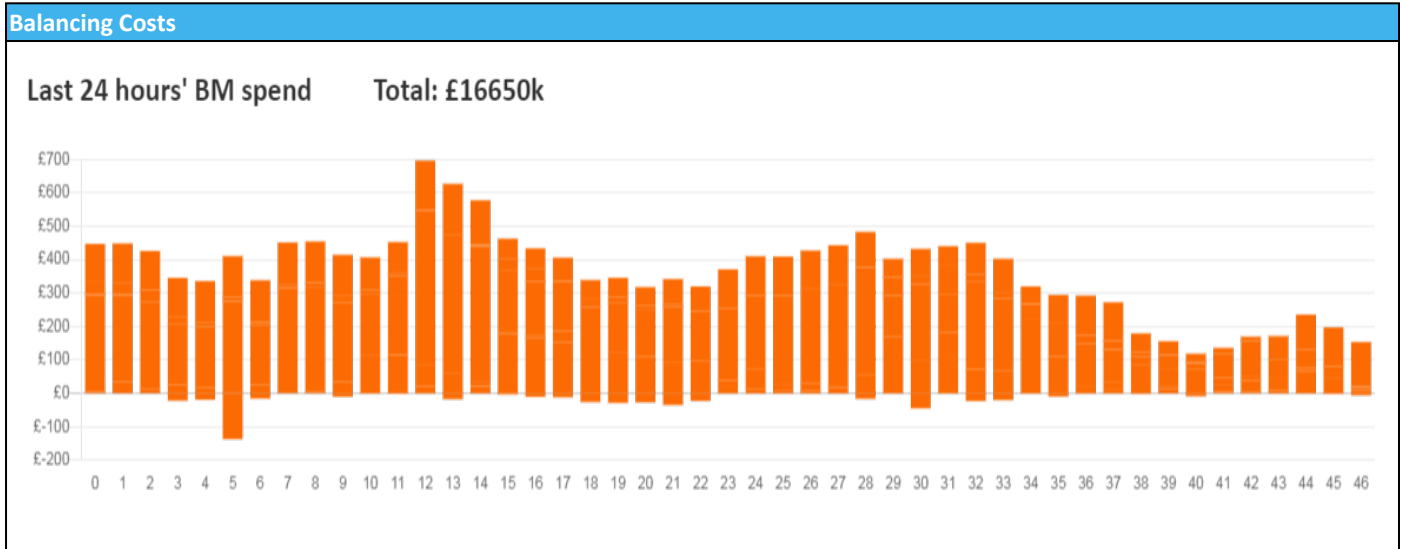


nationalgridESO

National Electricity Transmission System Status Report
Thursday 23 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	12837.9 (SP38)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



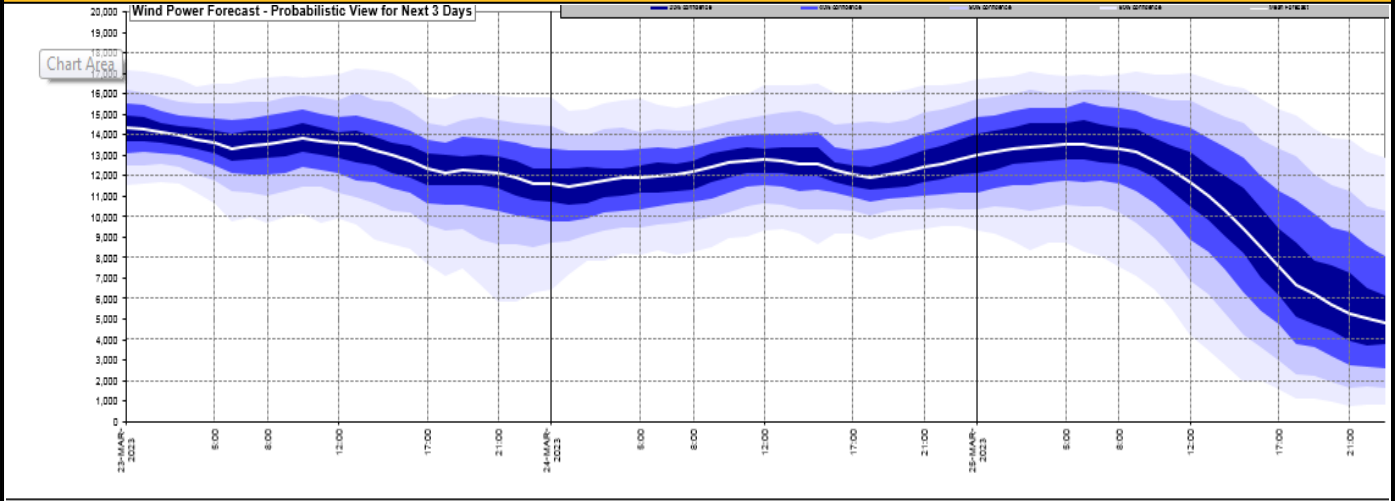
Yesterday's Market Summary

Cash Out Price (Max)	£ 151 (SP 14)
Cash Out Price (Min)	£ -18.15 (SP 46)
Peak Demand Yesterday	34,969 MW
Minimum Demand	17,958 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

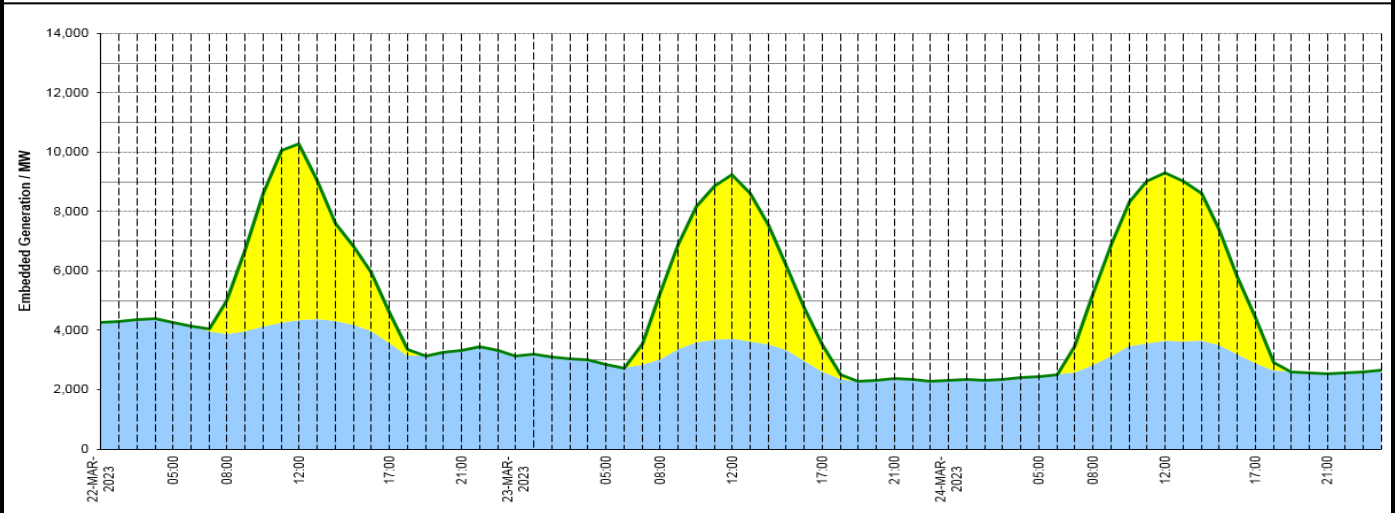
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates															Last run: 23-Mar-2023 01:44:18		
	22-MAR-2023					23-MAR-2023					24-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	1119	5939	1055	0	0	0	2163	5514	915	0	0	0	2380	5666	1507	0
Wind (MW)	4267	3886	4342	3549	3315	3122	2863	3039	3725	2603	2372	2304	2435	2827	3641	2913	2543
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4267	5005	10281	4604	3315	3122	2863	5202	9239	3518	2372	2304	2435	5207	9307	4420	2543



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A mixture of sunny spells and blustery showers, some heavy with a risk of hail and thunder in a few places. A spell of more persistent rain affecting southern and southeast England during the afternoon and evening. Windy but mild. Tonight: Rain soon clearing the southeast, then many eastern areas dry with clear spells. Further showers affecting western and northern areas.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No warnings Flood Warnings 71 flood alerts and 40 flood warnings for England. 11 flood alerts and 35 flood warnings for Scotland. 16 flood alerts and 15 flood warnings 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