

**National Electricity
Transmission System Status Report**

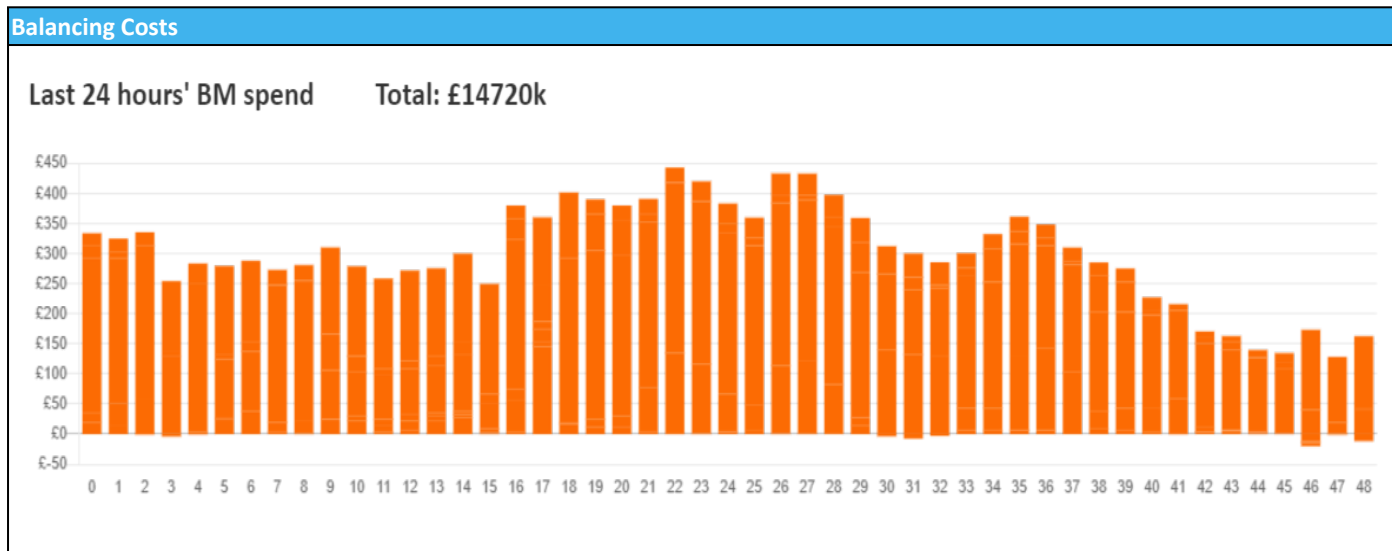


national**grid**ESO

National Electricity Transmission System Status Report
Monday 30 October 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	7,138 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1060 MW



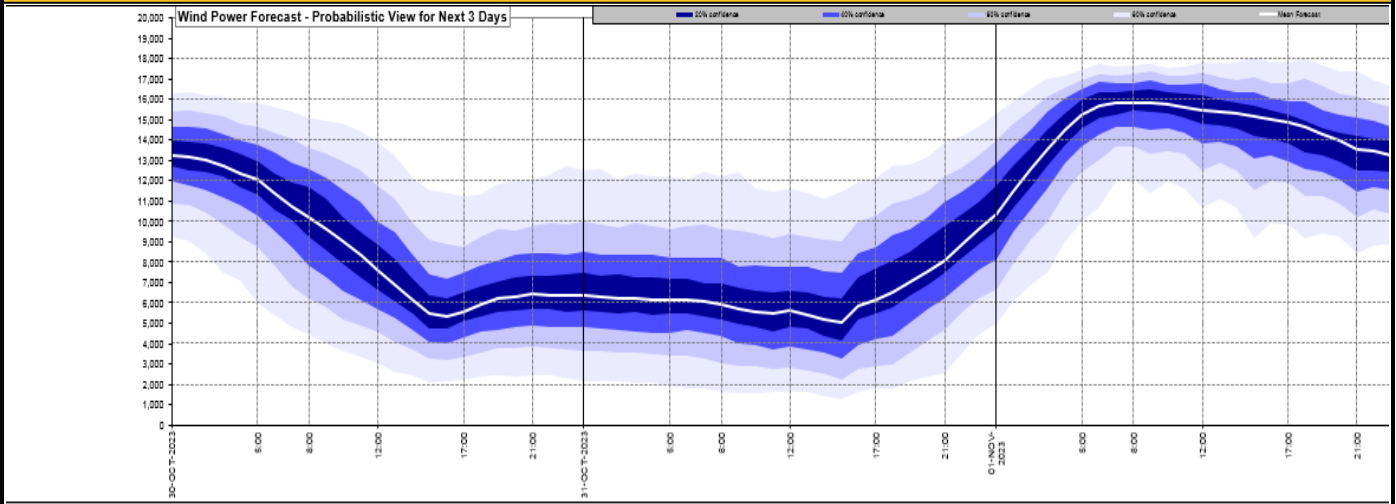
Yesterday's Market Summary

Cash Out Price (Max)	£149.5 (SP 37, 38)
Cash Out Price (Min)	£-80.65 (SP 48)
Peak Demand Yesterday	34,779 MW
Minimum Demand	17,439 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1424	1424	Fully Available from 14:00 hours
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

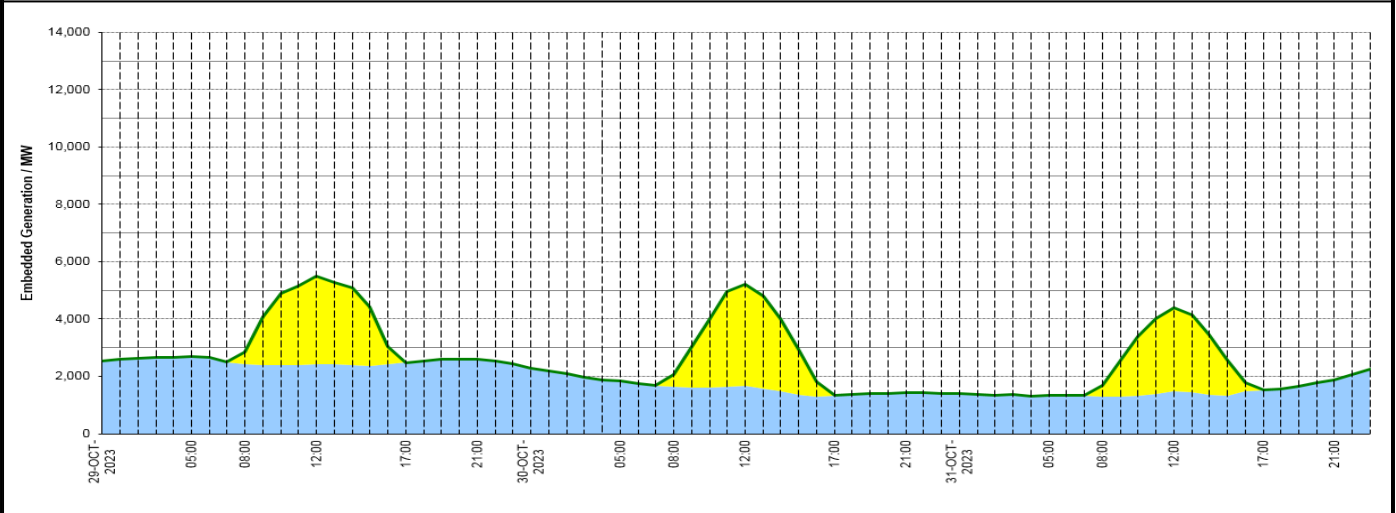
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 30-Oct-2023 04:32:27	
	29-OCT-2023					30-OCT-2023					31-OCT-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	445	3075	1	0	0	0	432	3551	0	0	0	0	385	2887	0	0
Wind (MW)	2685	2410	2422	2481	2593	2278	1834	1635	1666	1329	1430	1396	1329	1307	1495	1517	1889
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2685	2855	5497	2482	2593	2278	1834	2067	5217	1329	1430	1396	1329	1692	4382	1517	1889



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Monday will be cloudy with patchy rain across eastern Scotland and northern England. Some sunshine elsewhere, but with heavy showers, some thundery, becoming more widespread from the south and west and across Northern Ireland during the afternoon.</p> <p>Tonight: Mostly dry and chilly across the north with isolated showers near coasts. Heavy showers continuing to affect SW England, Wales and Northern Ireland. Elsewhere clear spells and patchy fog developing.</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 warning of rain Areas affected: London & South East England</p> <p>Yellow warning of rain Areas affected: Northern Ireland</p> <p>Flood Warnings 75 flood warnings and 195 flood alerts issued for England.</p>

Weather	Source	Commentary
		15 flood warnings and 11 flood alerts issued for Scotland. 2 flood warnings and 17 flood alerts issued for Wales

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs