

National Electricity Transmission System Status Report

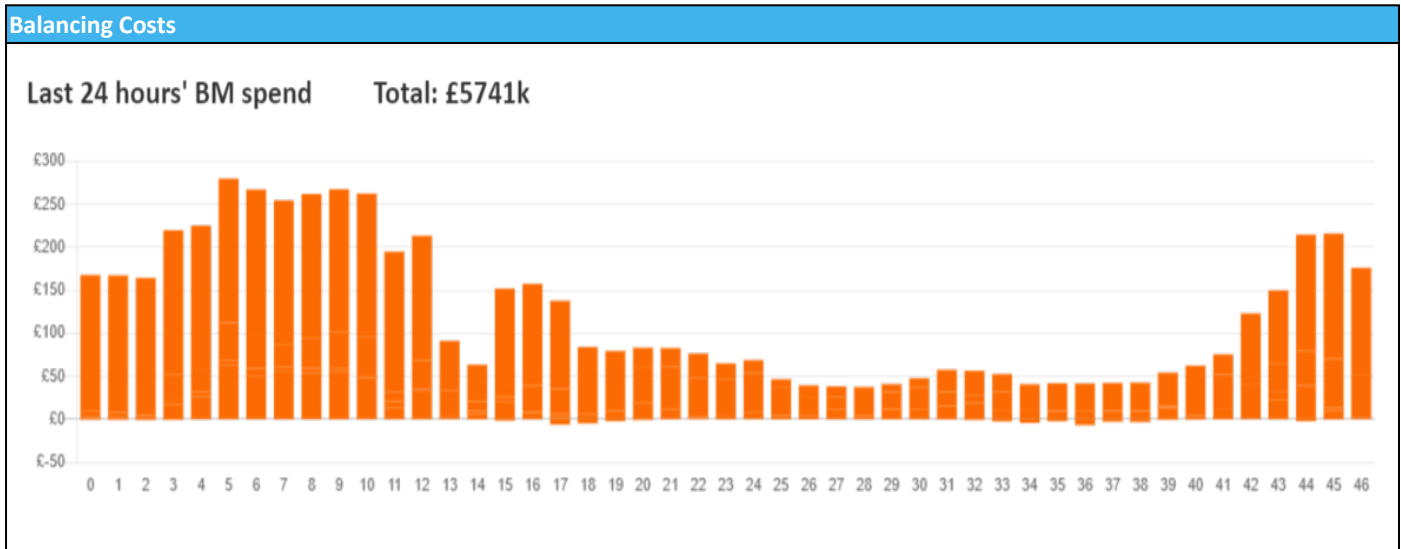


nationalgridESO

National Electricity Transmission System Status Report
Monday 01 January 2024

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	12,749 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



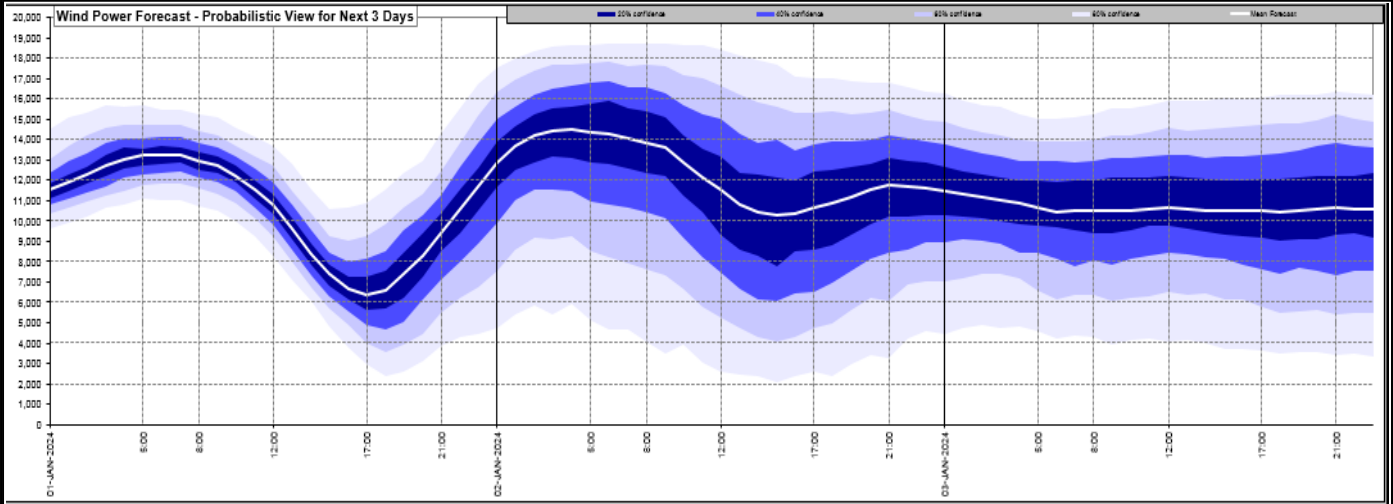
Yesterday's Market Summary

Cash Out Price (Max)	£129.83 (SP 4)
Cash Out Price (Min)	£-18.89 (SP 8)
Peak Demand Yesterday	34,407 MW
Minimum Demand	17,970 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully 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
France (IFA2)	0	0	Unavailable
Viking Link	800	800	Partially Available

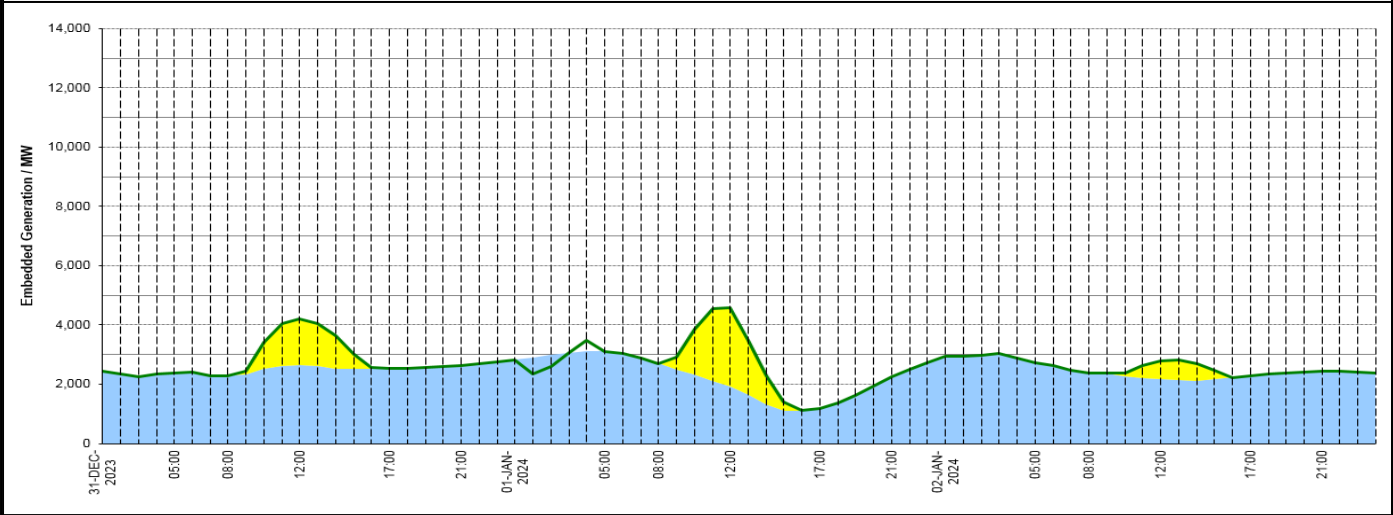
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 01-Jan-2024 04:32:50				
	31-DEC-2023					01-JAN-2024					02-JAN-2024						
	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	1573	0	0	0	0	0	2657	0	0	0	0	0	594	0	0
Wind (MW)	2392	2288	2642	2536	2642	2834	3118	2696	1928	1194	2245	2936	2740	2390	2187	2286	2451
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2392	2288	4215	2536	2642	2834	3118	2696	4585	1194	2245	2936	2740	2390	2781	2286	2451



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: New Year's Day starting showery in the north, though becoming mostly fine with sunny spells and gentle winds. Southern England and Wales turning wet and increasingly windy after a bright and breezy start.</p> <p>Tonight: Clear spells across northern England and Scotland to start but rain further south soon spreading northeastwards. This confined to Scotland by the early hours with further rain affecting the southwest.</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 Rain Frequent heavy showers may lead to some flooding and disruption to travel.</p> <p>Flood Warnings 47 flood warnings and 188 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 1 flood warning and 11 flood alerts issued for Wales</p>

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