

National Electricity Transmission System Status Report

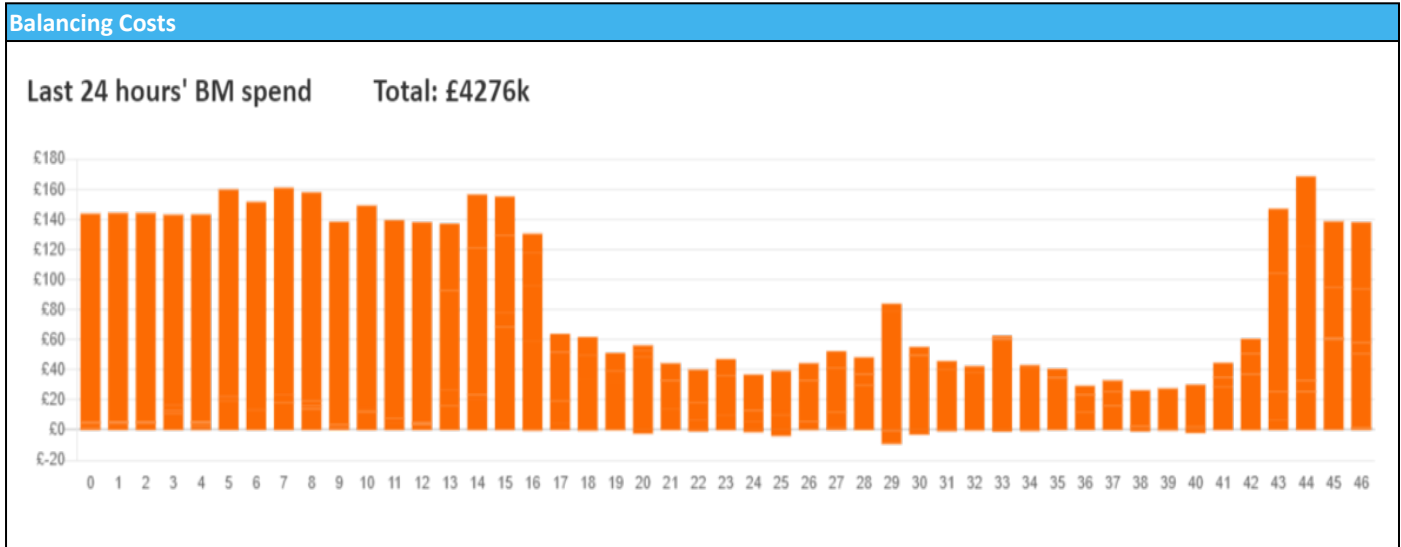


nationalgridESO

National Electricity Transmission System Status Report
Saturday 30 December 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			

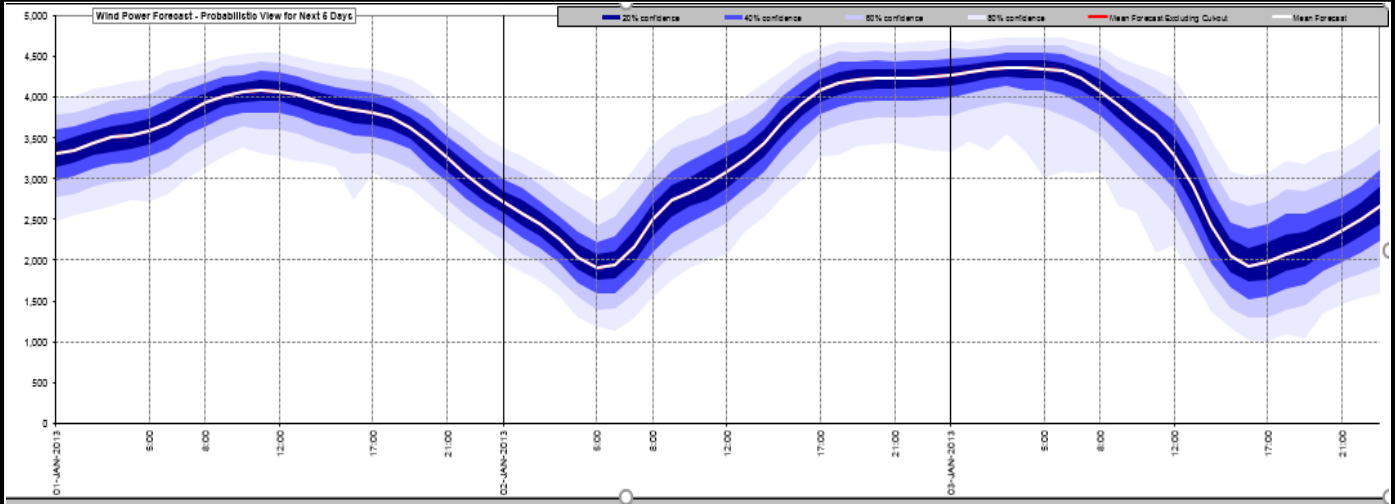
Today's Minimum De-Rated Margin	18,666 (SP 20)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£137.4 (SP 36)
Cash Out Price (Min)	£-10.16 (SP 1)
Peak Demand Yesterday	36,227 MW
Minimum Demand	20,270 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

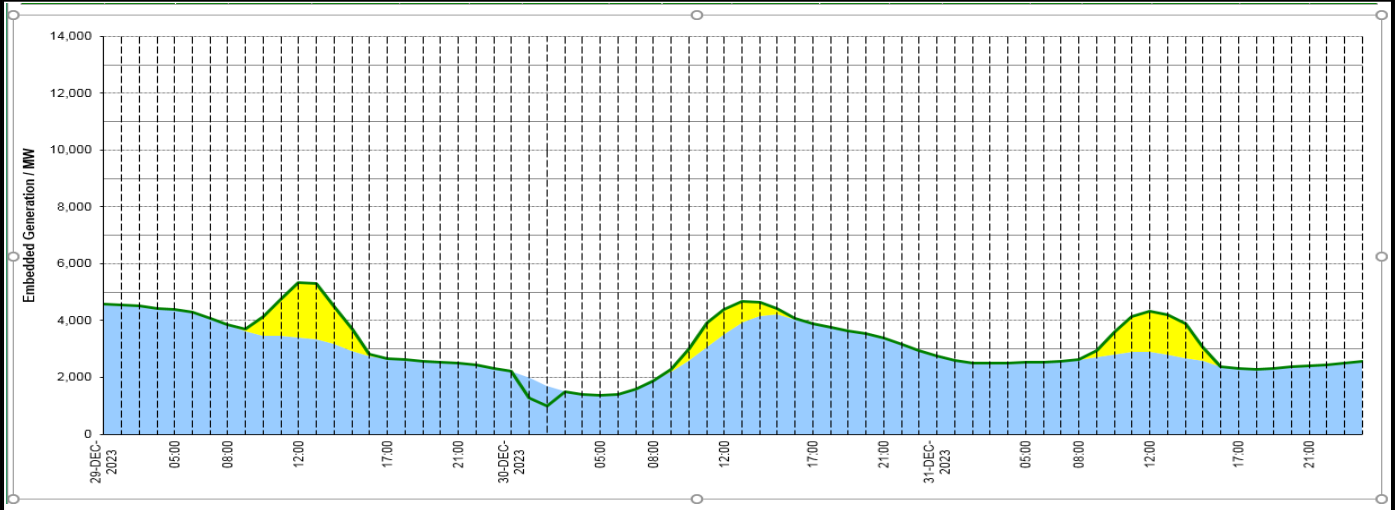
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 30-Dec-2023 02:33:18				
	29-DEC-2023					30-DEC-2023					31-DEC-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	1919	0	0	0	0	853	0	0	0	0	0	0	1424	0	0
Wind (MW)	4392	3853	3411	2650	2518	2221	1373	1877	3537	3899	3386	2772	2530	2626	2894	2321	2396
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4392	3853	5330	2650	2518	2221	1373	1877	4390	3899	3386	2772	2530	2626	4318	2321	2396



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Strong winds, locally gale force, cloud and rain, which may turn heavy at times and wintry over northern hills, spreads northeast through Saturday, reaching all but Shetland by evening. Blustery showers in the southwest. Mild in the south.</p> <p>Tonight: Rain and strong winds, locally gale force, continue across Scotland, turning wintry over hills. Rain further south clears eastwards, followed by blustery showers from the west. Frost in the north.</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 & snow</p> <p>Flood Warnings 32 flood warnings and 97 flood alerts issued for England. 0 flood warnings and 5 flood alerts issued for Scotland. 0 flood warning and 11 flood alerts issued for Wales</p>

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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