

National Electricity Transmission System Status Report

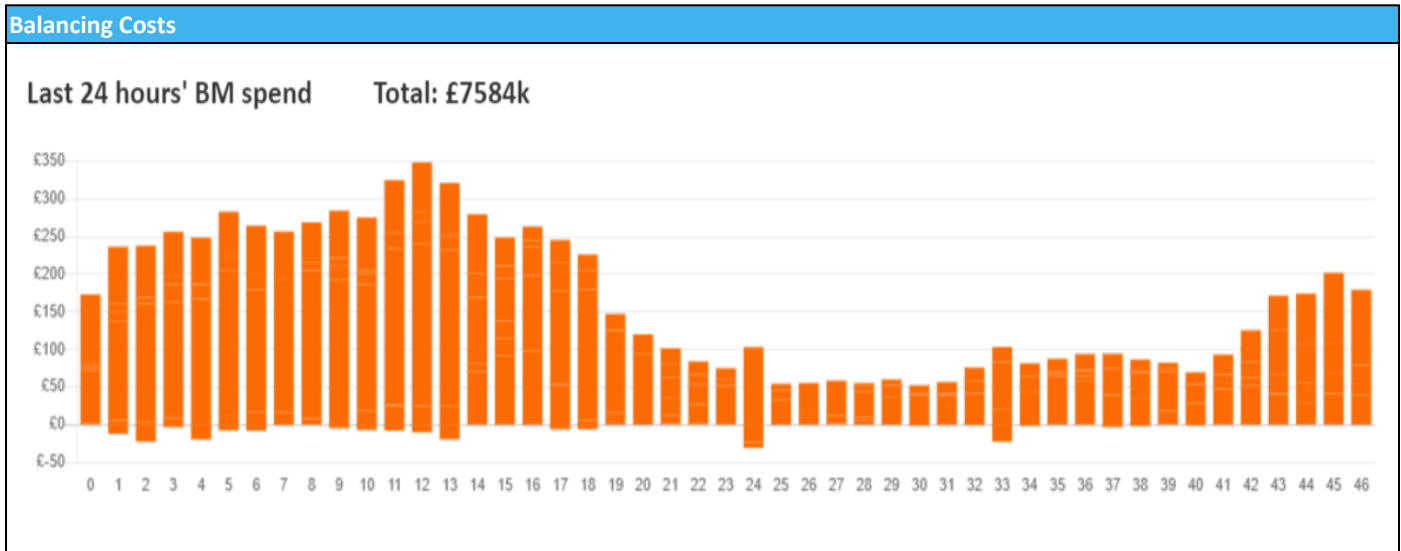


nationalgridESO

National Electricity Transmission System Status Report
Thursday 28 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	21201 (SP 37)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



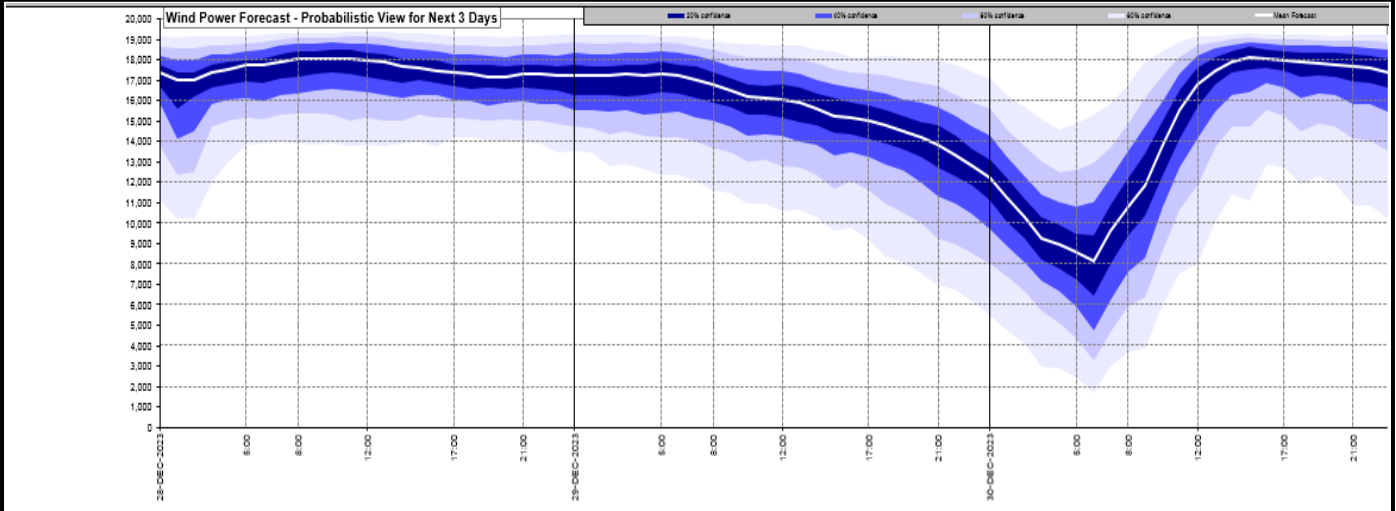
Yesterday's Market Summary

Cash Out Price (Max)	£155 (SP 26))
Cash Out Price (Min)	£-29.56 (SP 16, 17, 38, 43, 44)
Peak Demand Yesterday	33,841 MW
Minimum Demand	17,099 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	0	0	Not yet commissioned

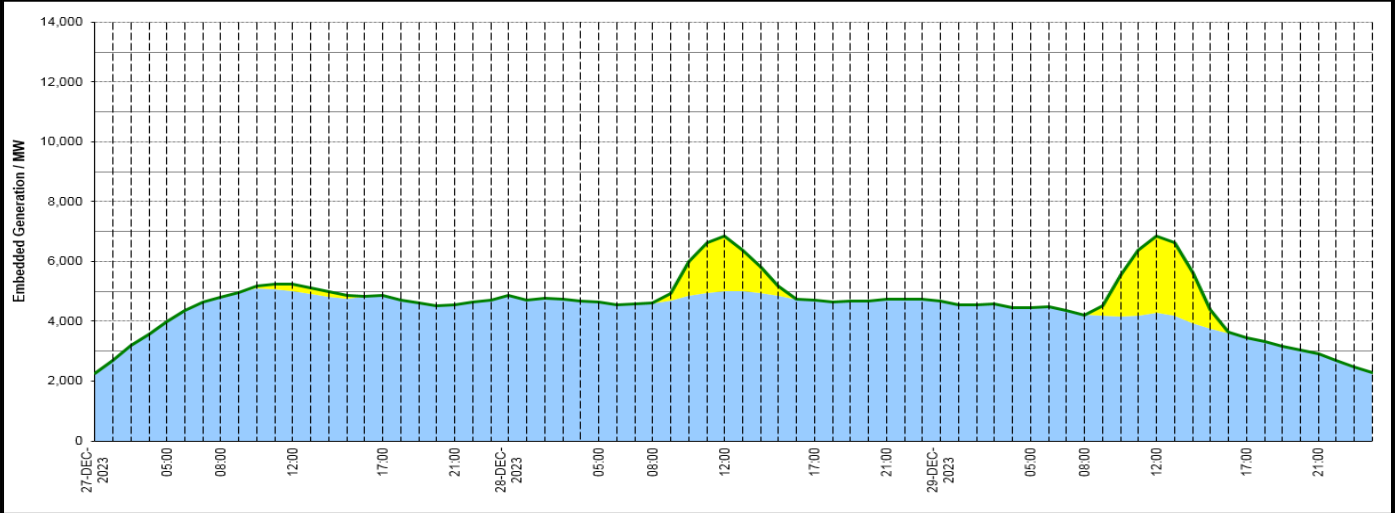
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 28-Dec-2023 04:33:13	
	27-DEC-2023					28-DEC-2023					29-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	250	0	0	0	0	0	1859	0	0	0	0	0	2568	0	0
Wind (MW)	3997	4802	5008	4866	4544	4850	4639	4612	5002	4703	4750	4681	4461	4212	4275	3457	2904
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3997	4802	5258	4866	4544	4850	4639	4612	6861	4703	4750	4681	4461	4212	6843	3457	2904



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Showers or longer spells of rain pushing in from the west at times. The showers will be locally heavy and squally, perhaps with hail. Hill snow possible in parts of Scotland. Some brighter spells through the day but feeling chilly. Tonight: Staying blustery through the evening with showers turning to longer spells of rain across Scotland, where further hill snow expected. Winds easing a little towards dawn.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of wind and snow Areas affected: Orkney & Shetland Flood Warnings 20 flood warnings and 153 flood alerts issued for England. 18 flood warnings and 17 flood alerts issued for Scotland. 2 flood warnings and 41 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