

National Electricity Transmission System Status Report

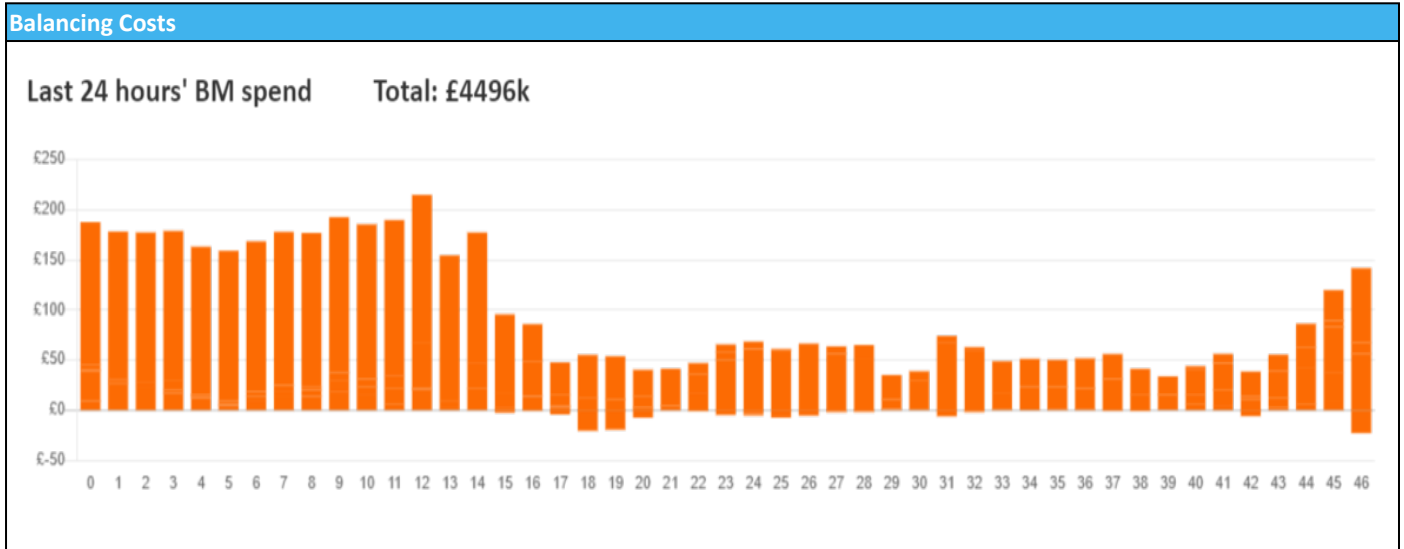


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 27 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	22509 (SP 1)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



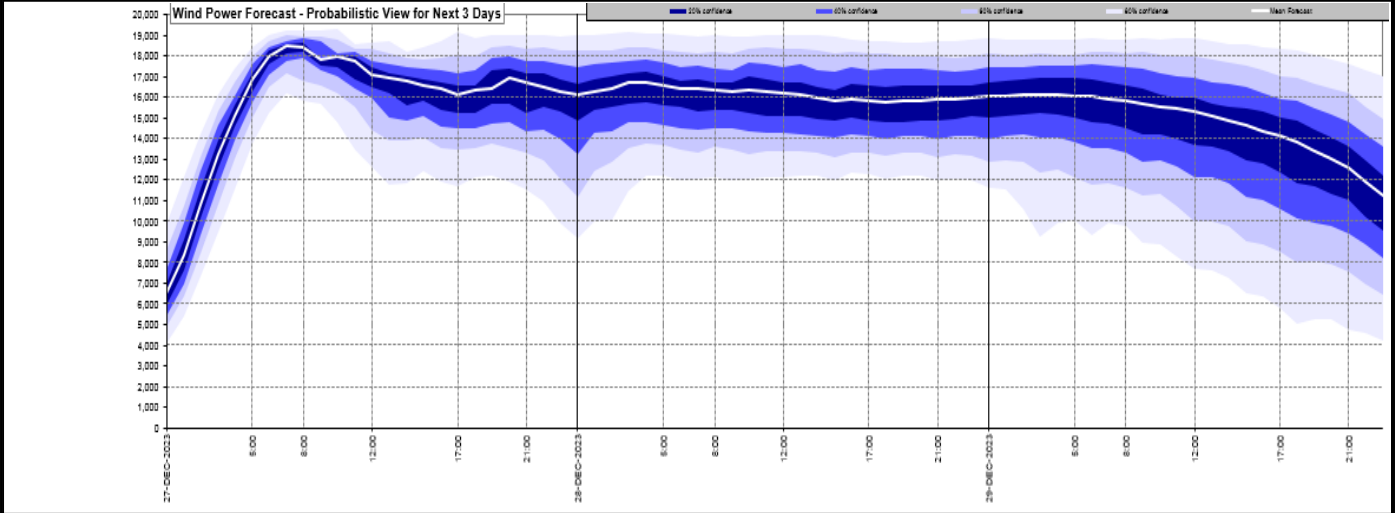
Yesterday's Market Summary

Cash Out Price (Max)	£129.9 (SP 33)
Cash Out Price (Min)	£-29.56 (SP 20, 21)
Peak Demand Yesterday	31,798 MW
Minimum Demand	15,913 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

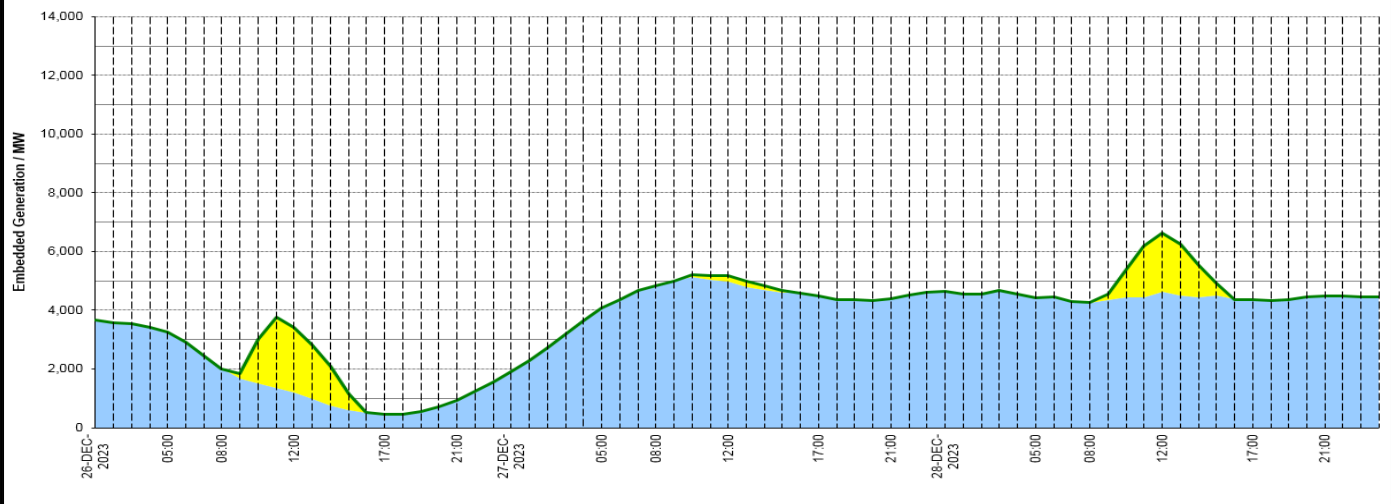
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates														Last run: 27-Dec-2023 04:34:08			
	26-DEC-2023					27-DEC-2023					28-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	2230	0	0	0	0	0	216	0	0	0	0	0	2002	0	0
Wind (MW)	3252	2001	1183	458	942	1906	4083	4847	4964	4501	4384	4634	4425	4257	4626	4357	4477
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3252	2001	3413	458	942	1906	4083	4847	5180	4501	4384	4634	4425	4257	6628	4357	4477



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Further outbreaks of rain spreading northwards, the rain falling as snow above 200 meters across Scotland. Clearer conditions with showers arriving from the south later. Windy, with coastal gales, especially across northern Scotland later, potentially with storm force winds. Tonight: Rain and hill snow across the far north becoming confined to Shetland with severe gales. Elsewhere, a mixture of clear spells and showers, showers banded together in the west. Windy.
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 rain Areas affected: Wales Yellow warning of rain and wind Areas affected: Northern Ireland Yellow warning of wind Areas affected: East of England London & South East England South West England

Weather	Source	Commentary
		Yellow warning of rain Areas affected: SW Scotland, Lothian Borders Strathclyde
		Yellow warning of rain Areas affected: East Midlands North East England North West England West Midlands Yorkshire & Humber
		Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde
		Yellow warning of rain and snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Strathclyde
		Yellow warning of wind Areas affected: North West England Wales Yorkshire & Humber
		Yellow warning of wind and snow Areas affected: Orkney & Shetland
		Flood Warnings 1 flood warning and 90 flood alerts issued for England. 3 flood warnings and 15 flood alerts issued for Scotland. 0 flood warnings and 12 flood alert 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