

**National Electricity
Transmission System Status Report**

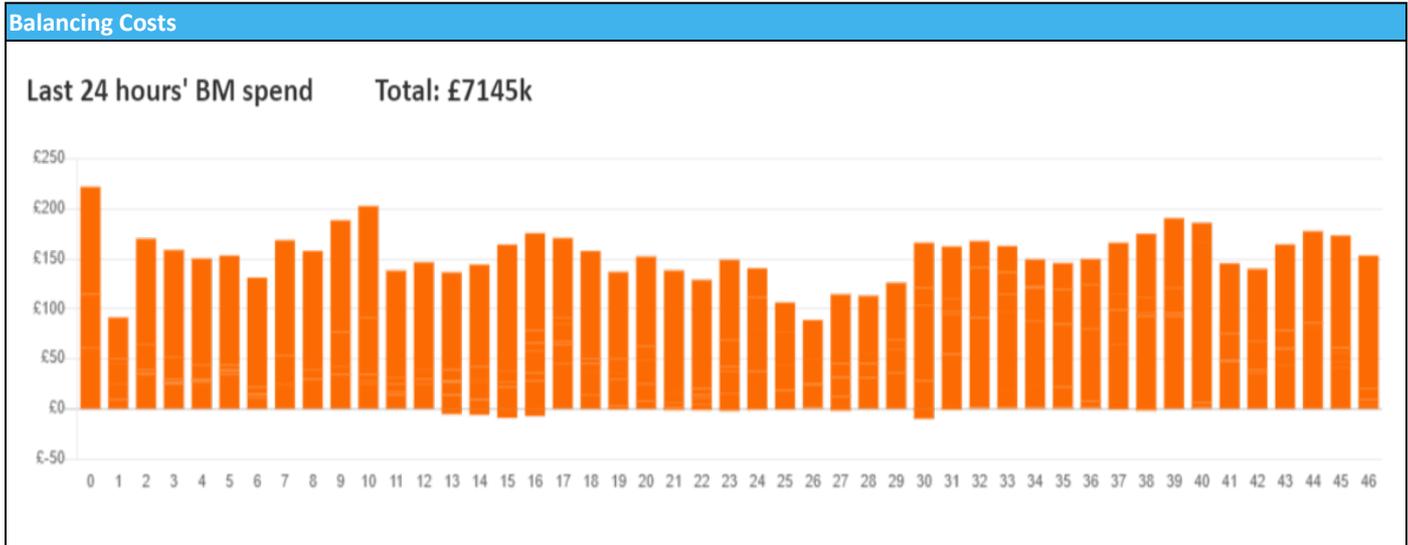


national**grid**ESO

National Electricity Transmission System Status Report
Friday 29 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			

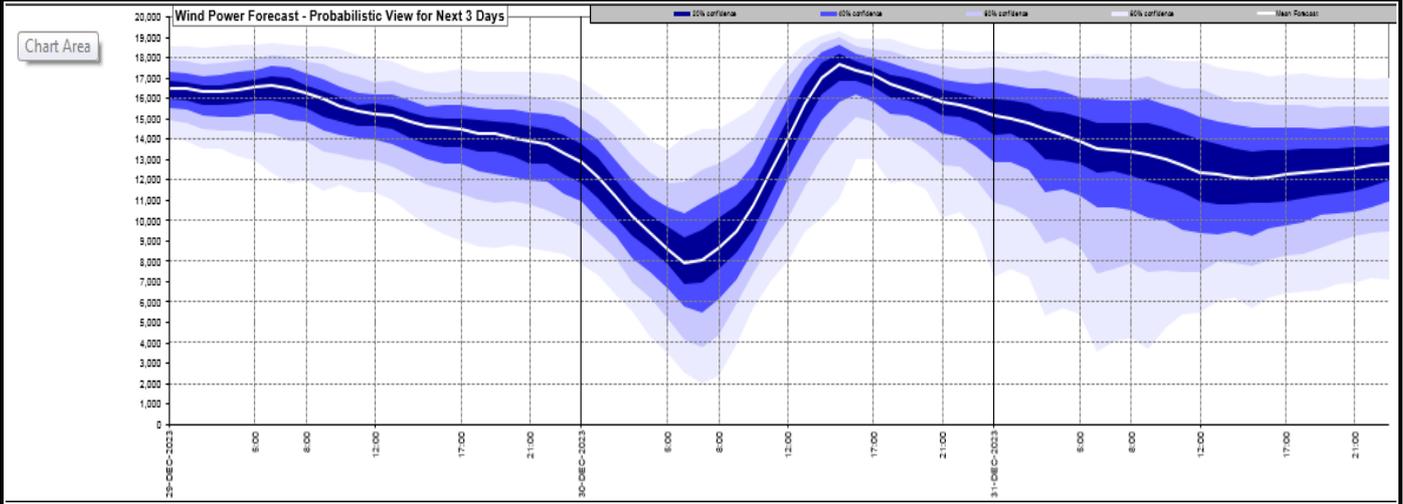
Today's Minimum De-Rated Margin	16999 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£105 (SP 26, 27)
Cash Out Price (Min)	£-29.56 (SP 20, 23, 24)
Peak Demand Yesterday	33,150 MW
Minimum Demand	16,945 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

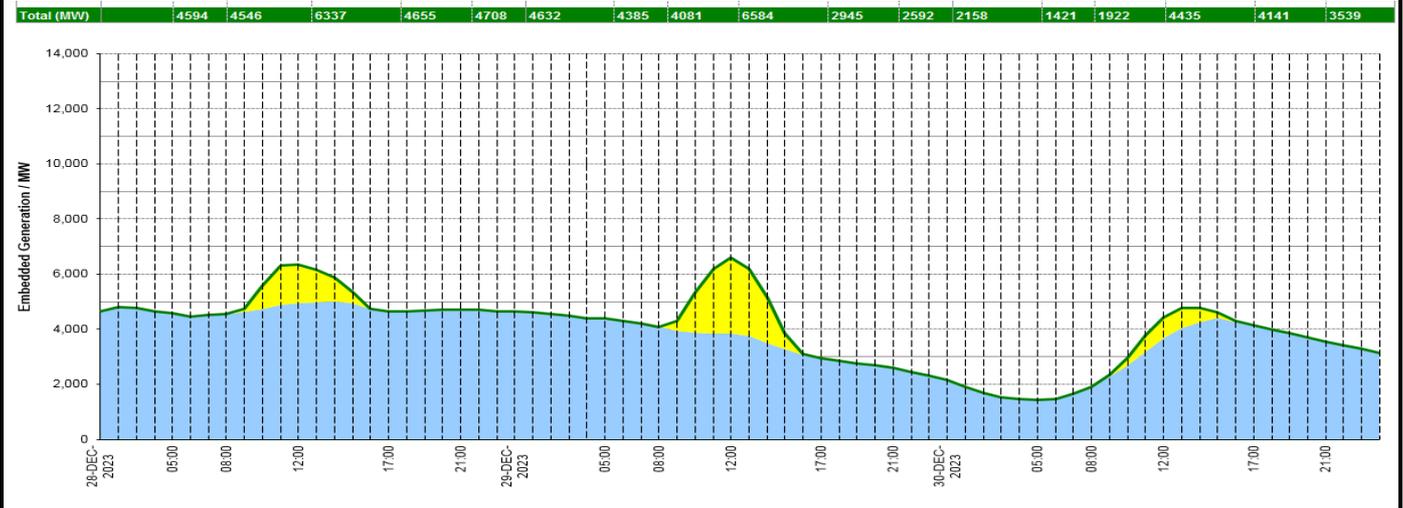


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 29-Dec-2023 04:32:52

	28-DEC-2023					29-DEC-2023					30-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	1394	0	0	0	0	0	2755	0	0	0	0	0	756	0	0
Wind (MW)	4594	4546	4943	4655	4708	4632	4385	4081	3829	2945	2592	2158	1421	1922	3679	4141	3539
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4594	4546	6337	4655	4708	4632	4385	4081	6584	2945	2592	2158	1421	1922	4435	4141	3539



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Another day of blustery showers, these heavy at times, merging into longer spells of rain and hill snow in the north. Less windy than of late and staying mild in the south with colder conditions across the north.</p> <p>Tonight: Showers gradually dying out for most overnight, with more persistent rain in the far north of Scotland. Winds easing and turning colder for all with a 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 No weather warnings are in force for the UK</p> <p>Flood Warnings 32 flood warnings and 126 flood alerts issued for England. 13 flood warnings and 13 flood alerts issued for Scotland. 1 flood warning and 16 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