

National Electricity Transmission System Status Report

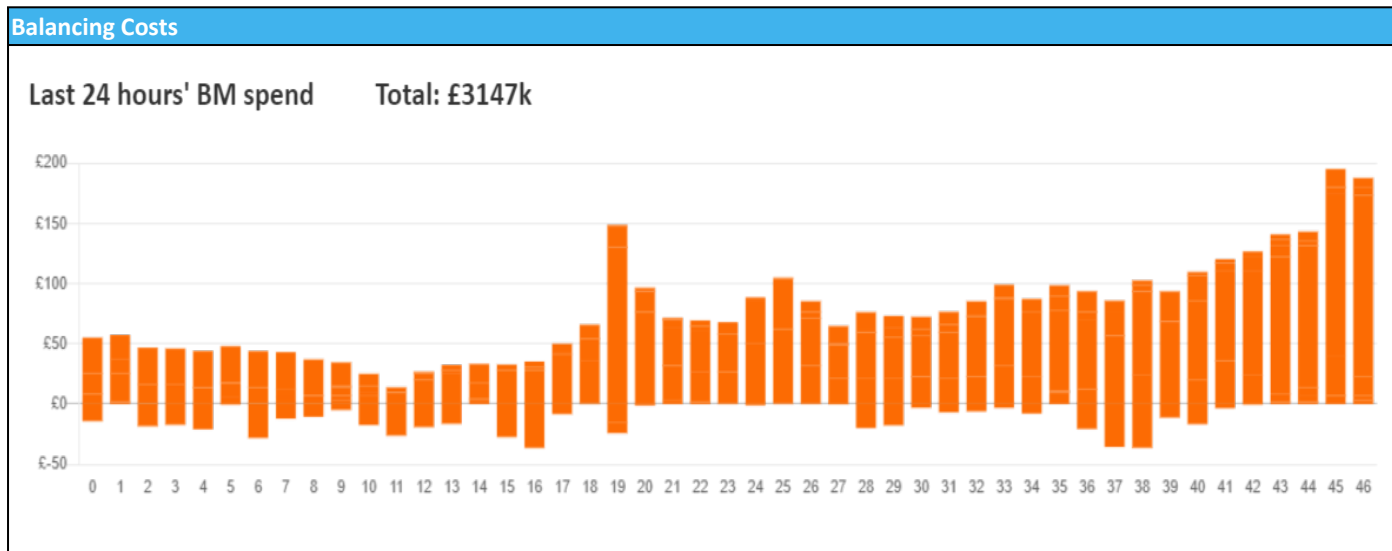


nationalgridESO

National Electricity Transmission System Status Report
Saturday 16 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	22713 (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



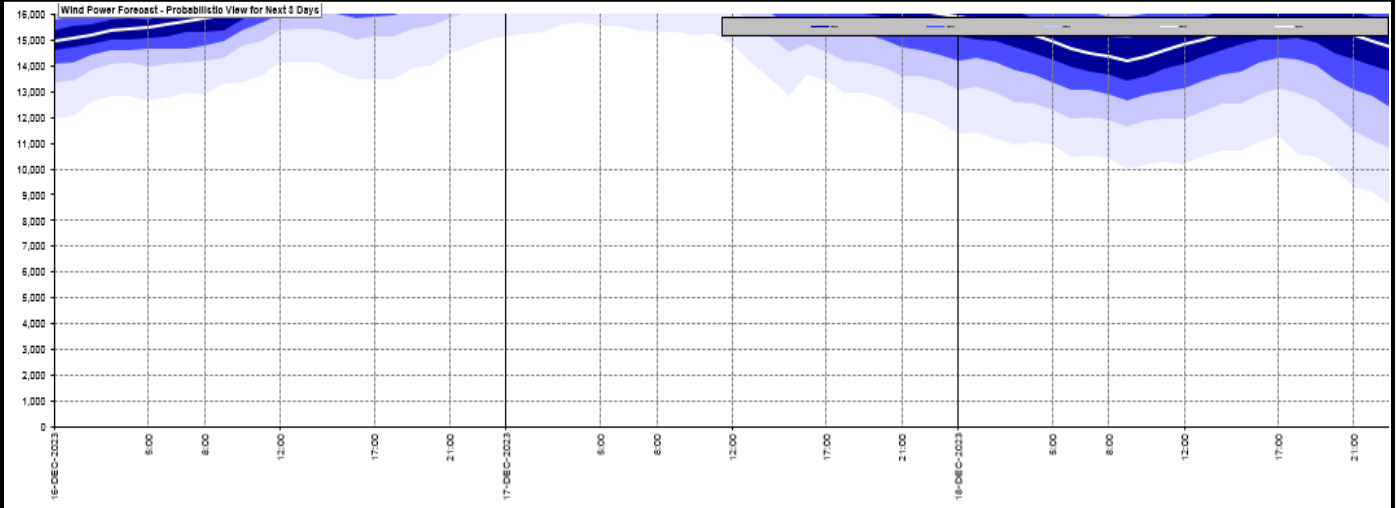
Yesterday's Market Summary

Cash Out Price (Max)	£138.00 (SP 21)
Cash Out Price (Min)	-£1.00 (SP 41)
Peak Demand Yesterday	41,129 MW
Minimum Demand	22,713 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

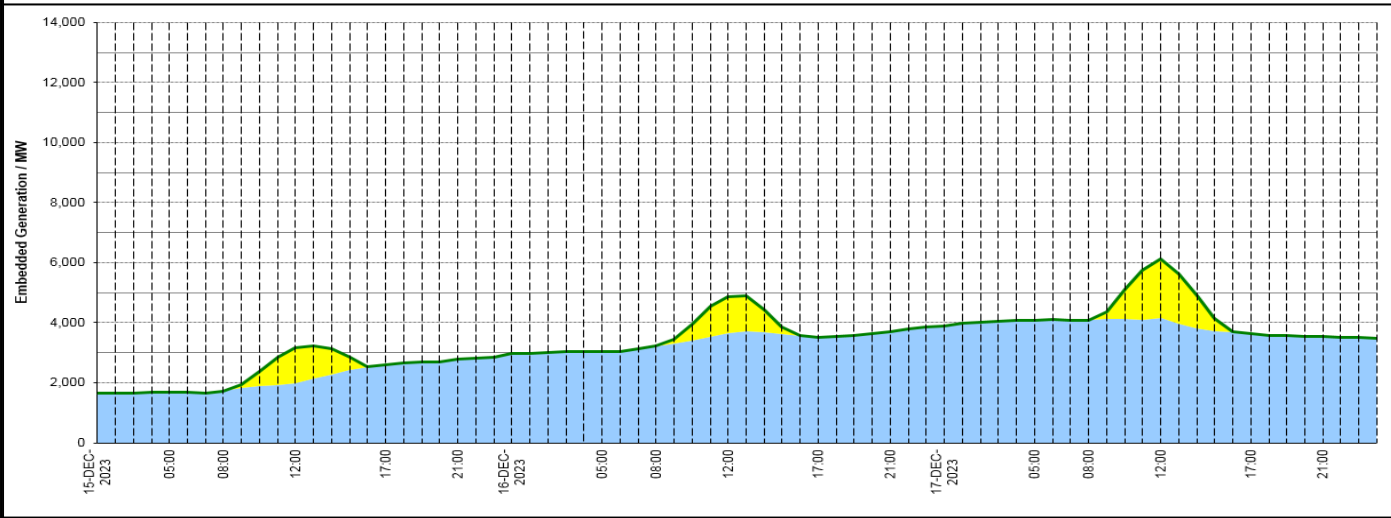
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-DEC-2023					16-DEC-2023					17-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	1164	0	0	0	0	0	1197	0	0	0	0	0	1966	0	0
Wind (MW)	1684	1731	1993	2610	2778	2967	3031	3228	3667	3525	3716	3901	4088	4090	4160	3643	3532
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1684	1731	3157	2610	2778	2967	3031	3228	4864	3525	3716	3901	4088	4090	6126	3643	3532



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A cloudy day, with any brighter interludes largely confined to the east. Occasional light rain or drizzle across western hills, with more persistent and heavier rain developing across western Scotland. Windy in the north and very mild for all.</p> <p>Tonight: Staying largely cloudy, windy and very mild. Persistent heavy rain continuing across western Scotland, with some light rain and drizzle on western hills further south.</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 of rain Areas affected: Central, Tayside & Fife Highlands & Eilean Siar Strathclyde</p> <p>Starts: 18:00 GMT on Sat 16 December Ends: 06:00 GMT on Mon 18 December</p> <p>A prolonged period of heavy rain this weekend is expected to lead to some flooding and travel disruption</p> <ul style="list-style-type: none"> - Some communities may be cut off by flooded roads - Fast flowing or deep floodwater is possible, causing a danger to life - Delays or cancellations to train and bus services are possible - Spray and flooding could lead to difficult driving conditions and some road closures - There is a small chance that homes and businesses could be flooded, causing damage

Weather	Source	Commentary
		<p>to some buildings</p> <ul style="list-style-type: none"> - There is a slight chance of power cuts and loss of other services to some homes and businesses <p>Amber warning of rain Areas affected: Highlands & Eilean Siar Strathclyde</p> <p>Starts: 00:00 GMT on Sun 17 December Ends: 23:59 GMT on Sun 17 December Persistent, heavy rain is likely to cause significant travel disruption and flooding</p> <ul style="list-style-type: none"> - A good chance some communities will be cut off by blocked roads - Fast flowing or deep floodwater is likely, causing danger to life - Delays and some cancellations to train and bus services are likely - Spray and flooding probably leading to difficult driving conditions and some road closures - Homes and businesses could be flooded, causing damage to some buildings - There is a slight chance of power cuts and loss of other services to some homes and businesses <p>Flood Warnings 23 flood warnings and 90 flood alerts issued for England.</p> <p>1 flood warnings and 5 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 flood alert 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