

National Electricity Transmission System Status Report

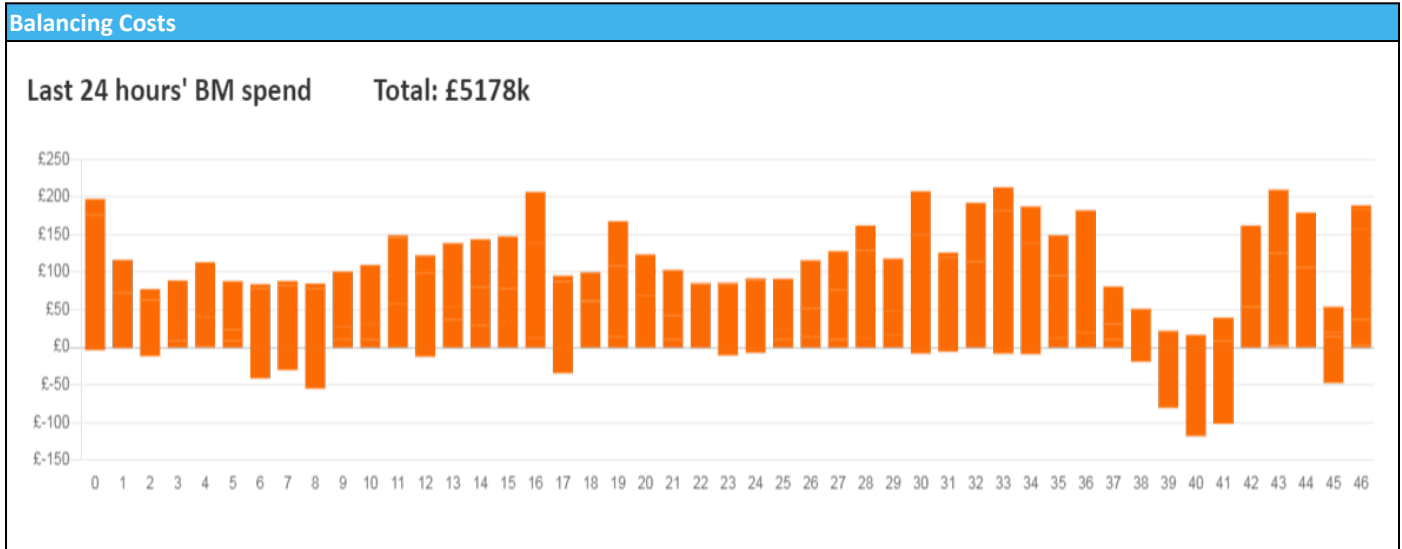


nationalgridESO

National Electricity Transmission System Status Report
Sunday 18 December 2022

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			

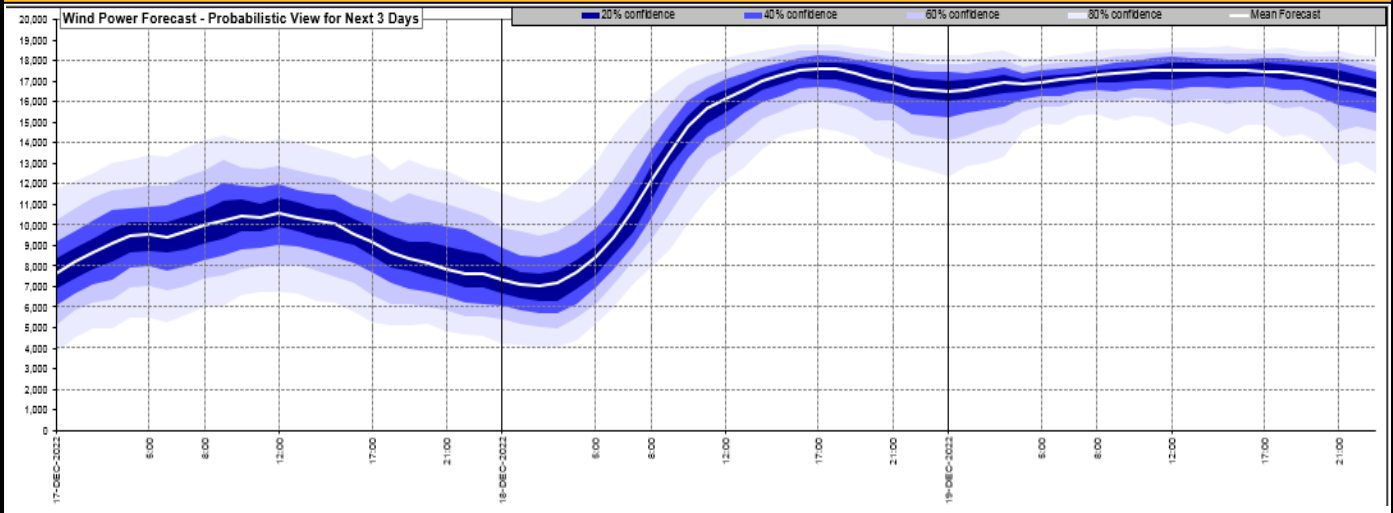
Today's Minimum De-Rated Margin	17,371 (SP 1)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	950 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£369 (SP 32)
Cash Out Price (Min)	£170.00 (SP 47)
Peak Demand Yesterday	41,359 MW
Minimum Demand	25,572 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

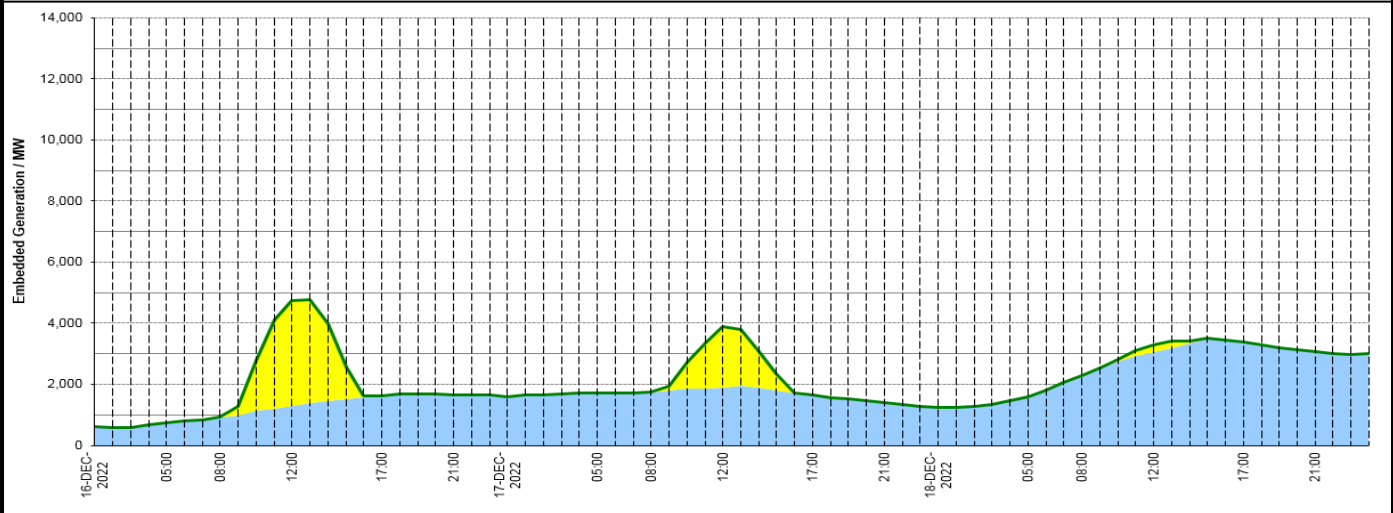
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-DEC-2022					17-DEC-2022					18-DEC-2022						
	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	3443	0	0	0	0	0	1983	0	0	0	0	0	230	0	0
Wind (MW)	735	922	1295	1634	1653	1606	1716	1736	1901	1670	1391	1248	1592	2298	3058	3378	3072
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	735	922	4738	1634	1653	1606	1716	1736	3884	1670	1391	1248	1592	2298	3288	3378	3072



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain, heavy at times, moving northeastwards. The rain will be preceded by a short spell of snow or freezing rain, mostly in the north where some icy conditions are likely, especially on hills. Turning much milder in the southwest. Windy.</p> <p>Tonight: Snow or freezing rain in the north turning to rain as milder air arrives. Cloudy and windy with further rain or drizzle at times, heavy on hills in the southwest.</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</p> <p>Yellow warning of ice Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber Started at: 03:00 GMT on Sun 18 December Ends: 14:00 GMT on Sun 18 December</p> <p>Amber warning of ice Areas affected: East Midlands North East England North West England West Midlands Yorkshire & Humber Starts: 09:00 GMT on Sun 18 December Ends: 20:00 GMT on Sun 18 December</p> <p>Yellow warning of rain Areas affected: London & South East England South West England Wales</p>

Weather	Source	Commentary
		Starts: 18:00 GMT on Sun 18 December Ends: 06:00 GMT on Tue 20 December
		Flood Warnings No flood warnings are currently in force for England. No flood warnings are currently in force for Scotland. No flood warnings are currently in force for Wales.

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights