

**National Electricity
Transmission System Status Report**

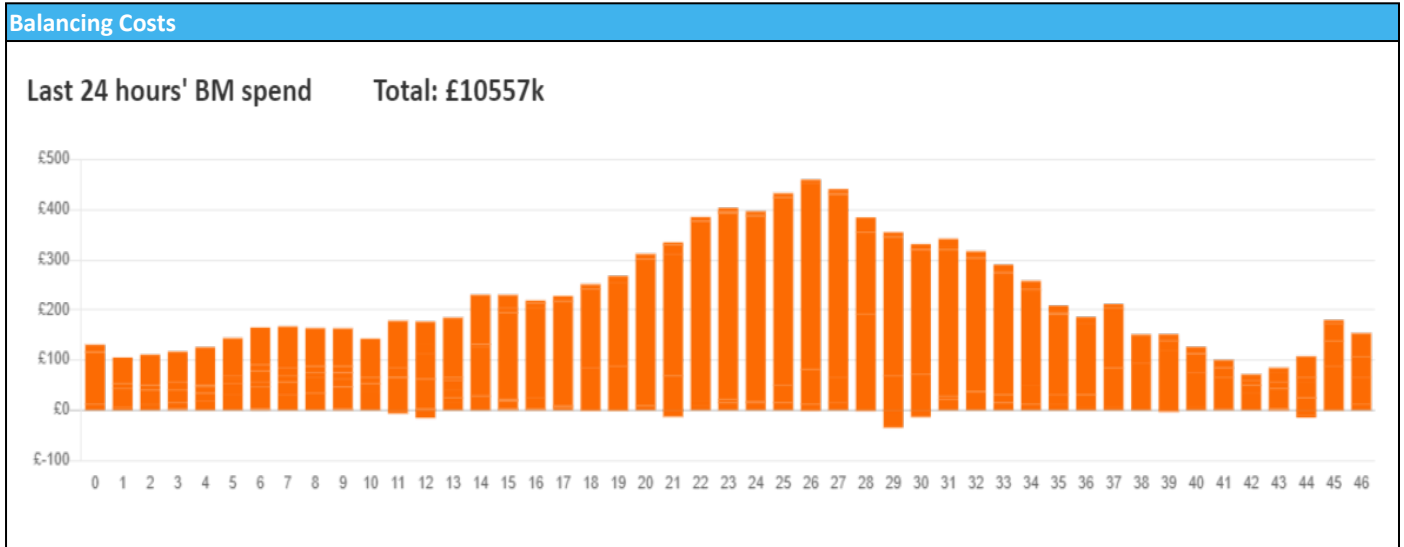


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 23 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			

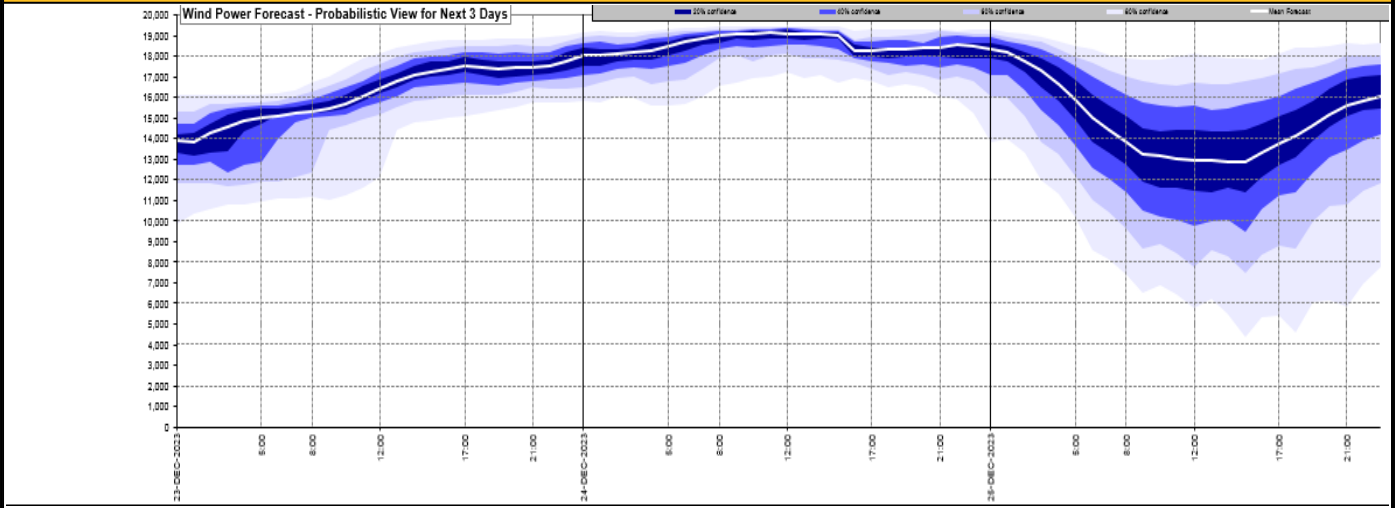
Today's Minimum De-Rated Margin	21,480 (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£108.50 (SP 41)
Cash Out Price (Min)	£-68.00 (SP 13)
Peak Demand Yesterday	34,636 MW
Minimum Demand	16,660 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



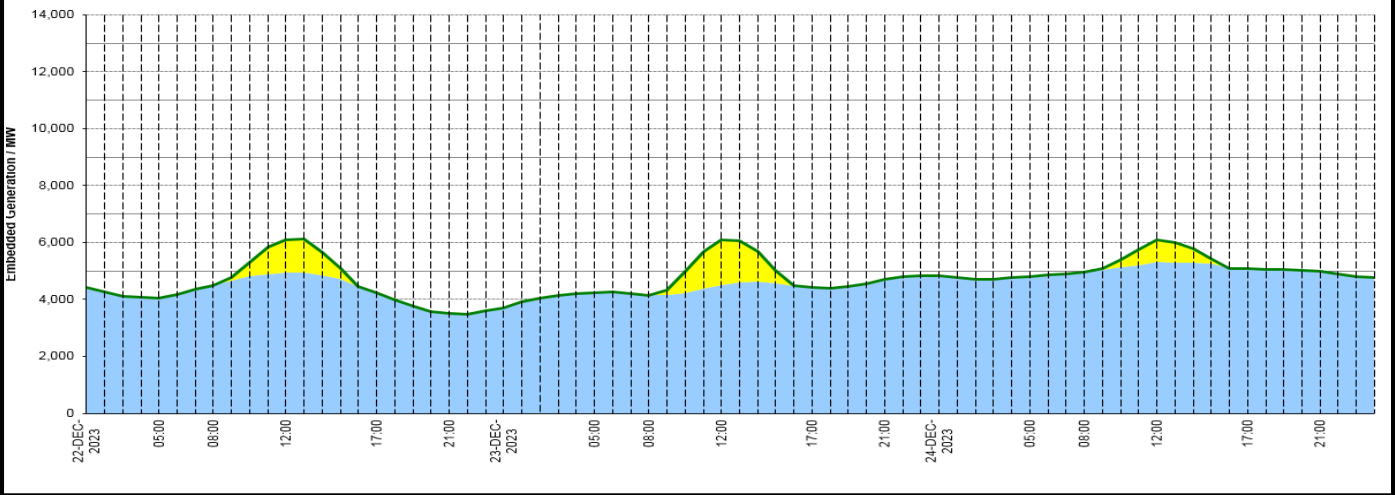
Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates

Last run: 23-Dec-2023 02:33:17

	22-DEC-2023					23-DEC-2023					24-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	1152	0	0	0	0	0	1597	0	0	0	0	0	773	0	0
Wind (MW)	4061	4500	4948	4230	3507	3701	4250	4157	4506	4426	4706	4823	4816	4951	5312	5084	4994
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4061	4500	6100	4230	3507	3701	4250	4157	6103	4426	4706	4823	4816	4951	6085	5084	4994



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Mostly cloudy today, with patchy rain in western areas, but a few brighter spells in the east. Further heavy rain in Scotland, falling as snow in the far north and north-east at first. Windy and mild.</p> <p>Tonight: Cloudy and windy for much of tonight. Heavier spells of rain will move in from the west, progressing southwards and eastwards. Rain turning patchier towards dawn. Clear spells in the north-east.</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 snow and ice Areas affected: Orkney & Shetland</p> <p>ACTIVE started at: 15:00 GMT on Thu 21 December Ends: 10:00 GMT on Sat 23 December Snow showers and icy stretches bring the potential for travel disruption.</p> <p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland</p>

Weather	Source	Commentary
		<p>ACTIVE Started at: 21:00 GMT on Fri 22 December Ends: 12:00 GMT on Sat 23 December</p> <p>Snow and ice on Friday night and Saturday morning is likely to lead to some travel disruption.</p> <p>Yellow warning of rain Areas affected: Central, Tayside & Fife Highlands & Eilean Siar Strathclyde</p> <p>ACTIVE Started at: 00:00 GMT on Sat 23 December Ends: 23:45 GMT on Sat 23 December</p> <p>Heavy rain, accompanied by strong winds across parts of western Scotland, causing some travel disruption.</p> <p>Yellow warning of rain Areas affected: Wales</p> <p>Starts: 22:00 GMT on Sat 23 December Ends: 18:00 GMT on Sun 24 December</p> <p>Persistent and at times heavy rain could bring some disruption.</p> <p>Yellow warning of wind Areas affected: East Midlands North East England North West England West Midlands Yorkshire & Humber</p> <p>Starts: 08:00 GMT on Sun 24 December Ends: 22:00 GMT on Sun 24 December</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde</p> <p>Starts: 12:00 GMT on Sun 24 December Ends: 03:00 GMT on Mon 25 December</p> <p>Strong winds bring the potential for some disruption.</p>
		<p>Flood Warnings</p> <p>1 flood warnings and 57 flood alerts issued for England.</p> <p>0 flood warnings and 6 flood alerts issued for Scotland.</p> <p>0 flood warnings and 1 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