

**National Electricity
Transmission System Status Report**

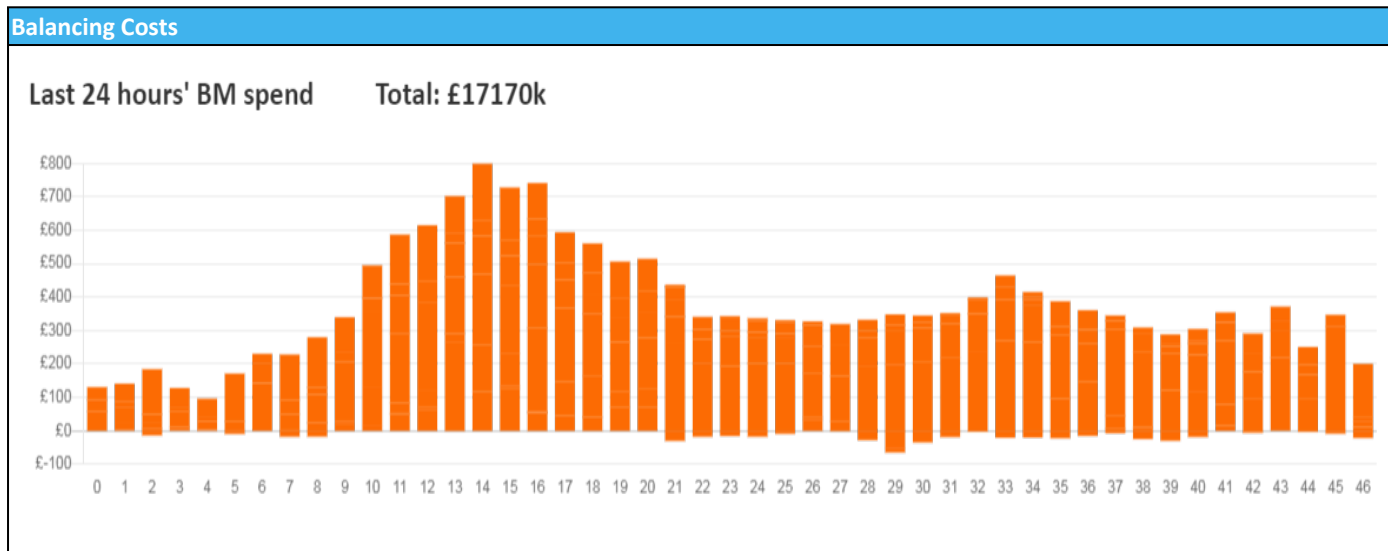


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 20 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	10,313 (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



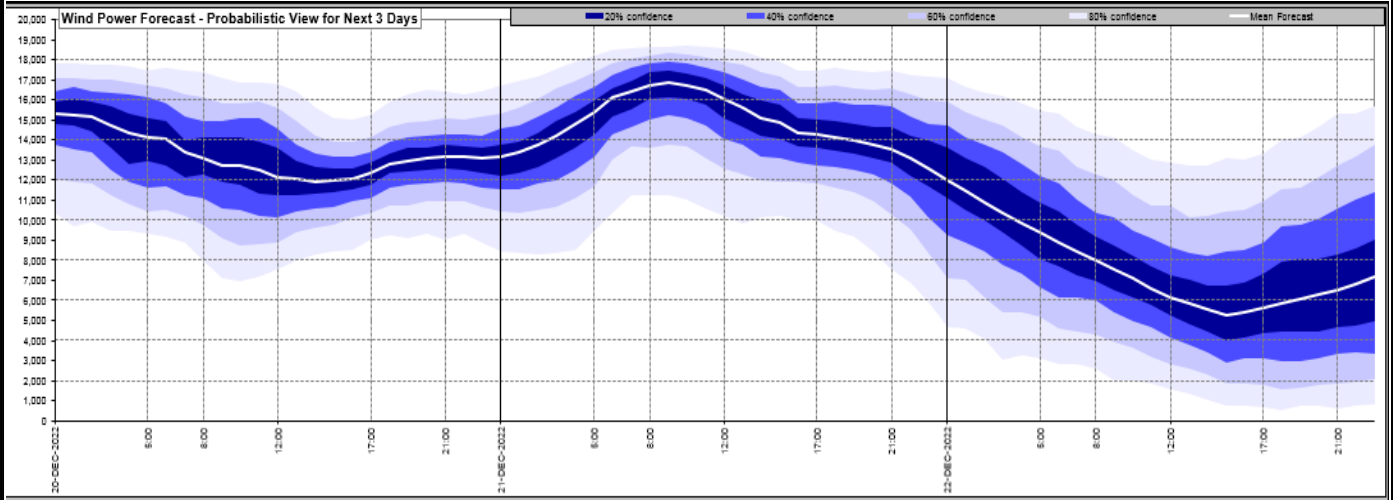
Yesterday's Market Summary

Cash Out Price (Max)	£355 (SP 47)
Cash Out Price (Min)	£54.89 (SP 7)
Peak Demand Yesterday	38,987 MW
Minimum Demand	21,010 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

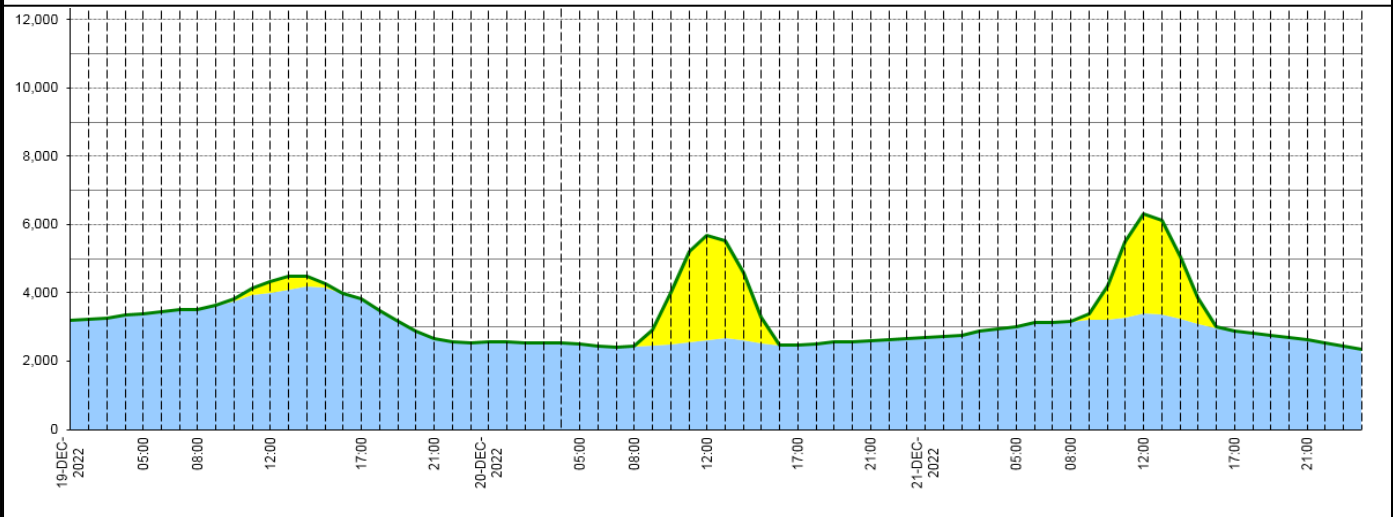
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-DEC-2022				20-DEC-2022				21-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	334	0	0	0	0	0	3069	0	0	0	0	0	2920	0	0
Wind (MW)	3389	3515	4004	3825	2675	2565	2503	2429	2628	2478	2590	2694	3020	3154	3407	2890	2642
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3389	3515	4338	3825	2675	2565	2503	2429	5697	2478	2590	2694	3020	3154	6327	2890	2642



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain clearing from southeast, and any fog patches clearing from central areas by late morning. Then dry with sunny spells, although a few showers in the west, heavier and prolonged in the far northwest along with strong and gusty winds.</p> <p>Tonight: Clear spells in east allowing a patchy frost and perhaps a few fog patches. Windy elsewhere with showers in the northwest, heavy at times, spreading to other western parts later.</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: London & South East England South West England ACTIVE Started at: 18:00 GMT on Sun 18 December Ends: 06:00 GMT on Tue 20 December</p> <p>Rain, heavy and persistent at times, is expected to bring some travel disruption.</p> <ul style="list-style-type: none"> - Spray and flooding on roads may lead to longer journey times by car, while bus and train services may also experience longer journey times - Possibly a few homes and businesses flooded

Weather	Source	Commentary
		<p>Flood Warnings 18 flood warnings and 72 flood alerts issued for England.</p> <p>13 flood warnings and 3 flood alerts issued for Scotland.</p> <p>0 flood warnings and 5 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/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