

**National Electricity
Transmission System Status Report**

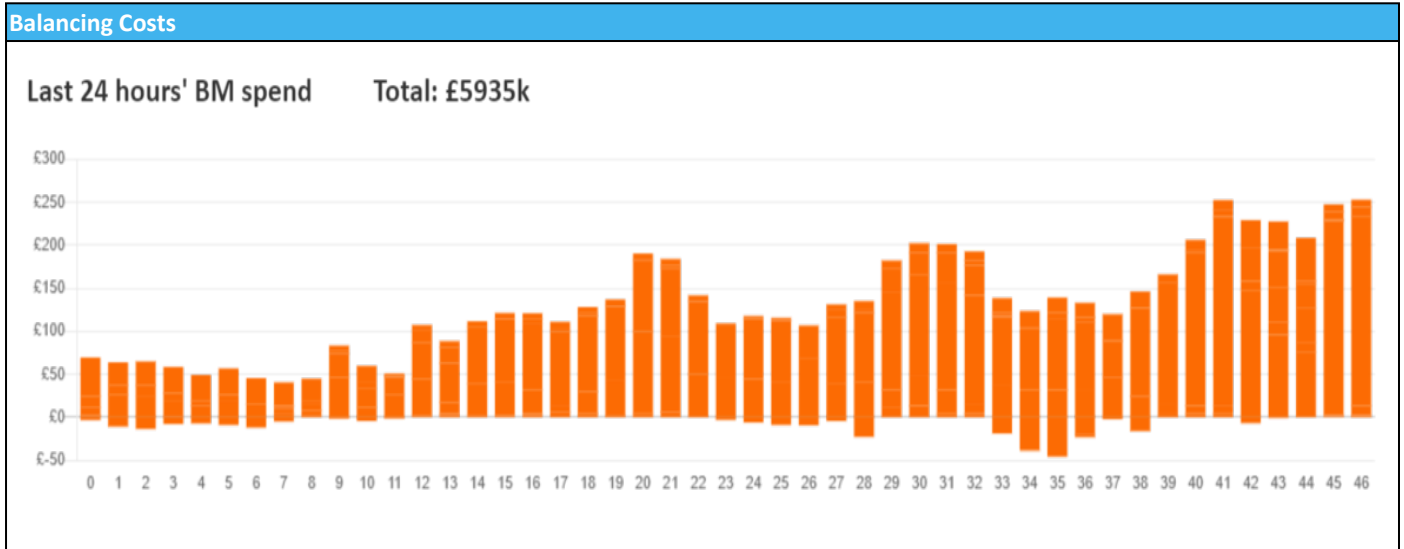


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 20 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			

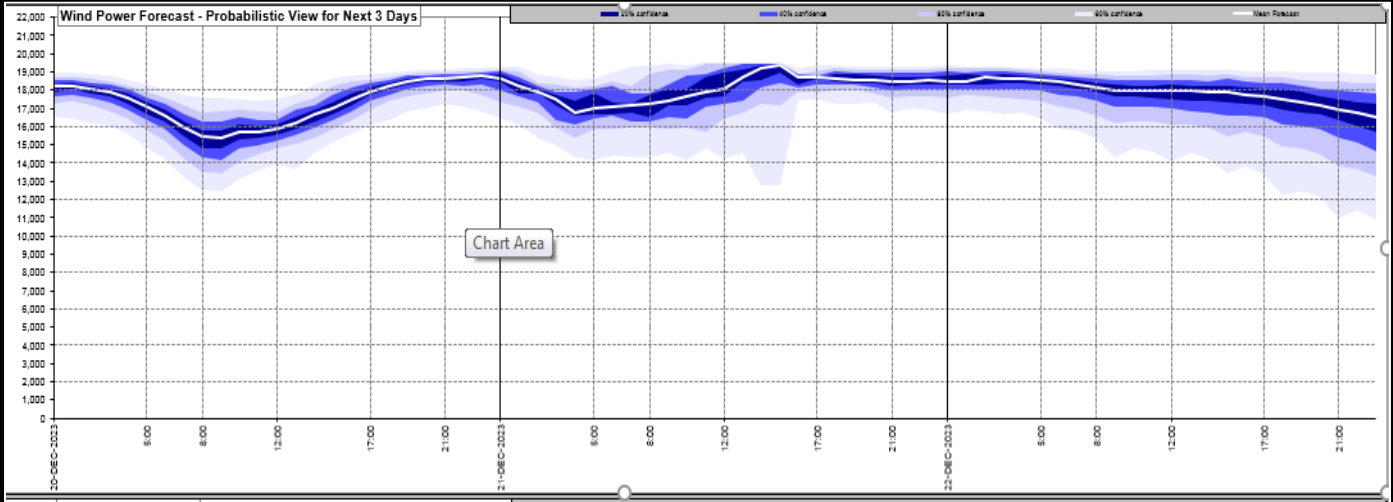
Today's Minimum De-Rated Margin	17,092 (SP 35)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£120 (SP 11)
Cash Out Price (Min)	£-31.32 (SP 44, 45, 46)
Peak Demand Yesterday	40,378 MW
Minimum Demand	19,860 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

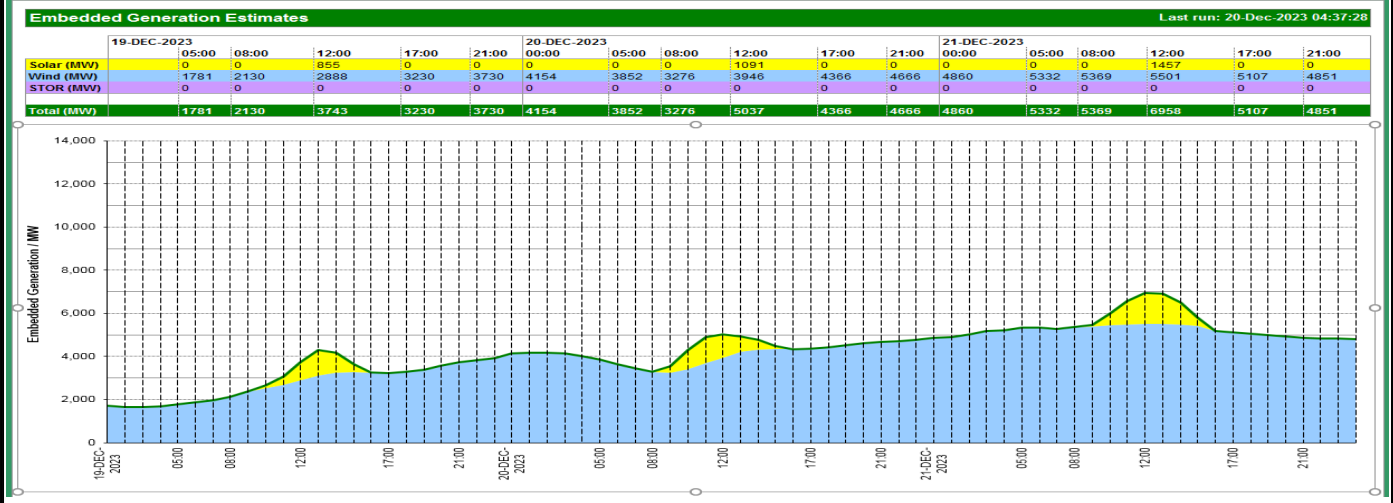
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 20-Dec-2023 04:37:28				
	19-DEC-2023					20-DEC-2023					21-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	855	0	0	0	0	0	1091	0	0	0	0	0	1457	0	0
Wind (MW)	1781	2130	2888	3230	3730	4154	3852	3276	3946	4366	4666	4860	5332	5369	5501	5107	4851
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1781	2130	3743	3230	3730	4154	3852	3276	5037	4366	4666	4860	5332	5369	6958	5107	4851



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain will gradually clear southeastwards from England and Wales, to leave a mostly dry, bright and breezy afternoon. Scotland and Northern Ireland will see sunshine and scattered blustery showers. Very mild across the southeast, however temperatures nearer average elsewhere.</p> <p>Tonight: Mostly dry with clear spells across England and Wales, scattered showers elsewhere, these wintry across the high ground of northern Scotland. Showers merging across the northwest 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 No Warnings In Force</p> <p>Flood Warnings 6 flood warnings and 69 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 18 flood alert issued for Wales</p>

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