

**National Electricity
Transmission System Status Report**

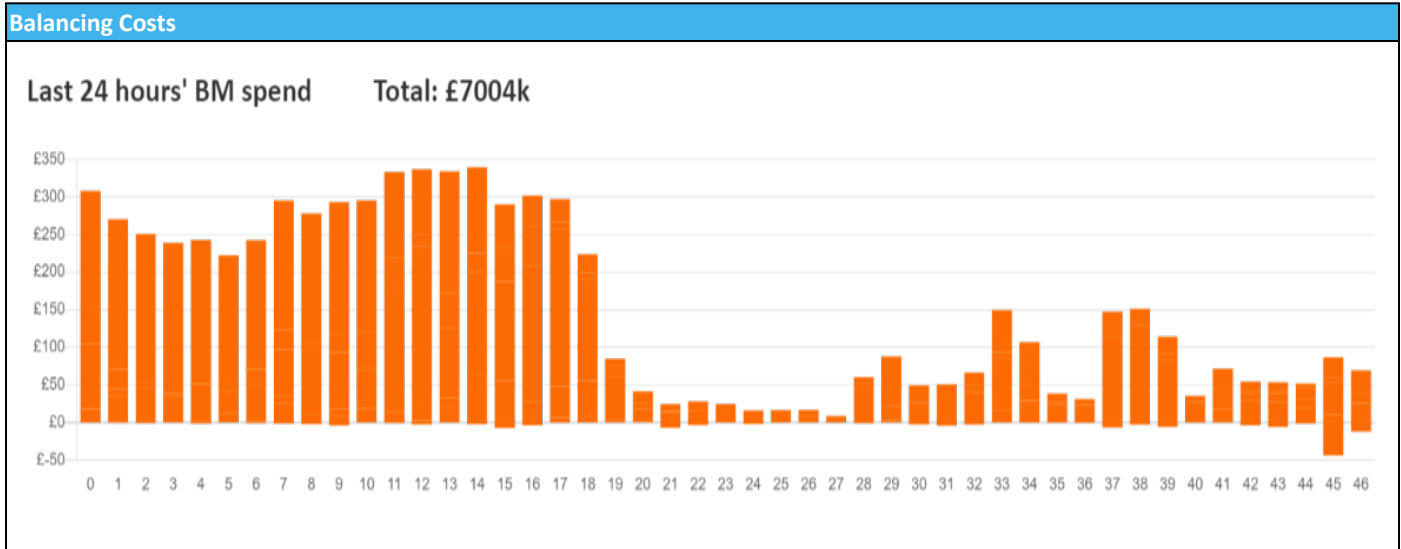


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 04 January 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			

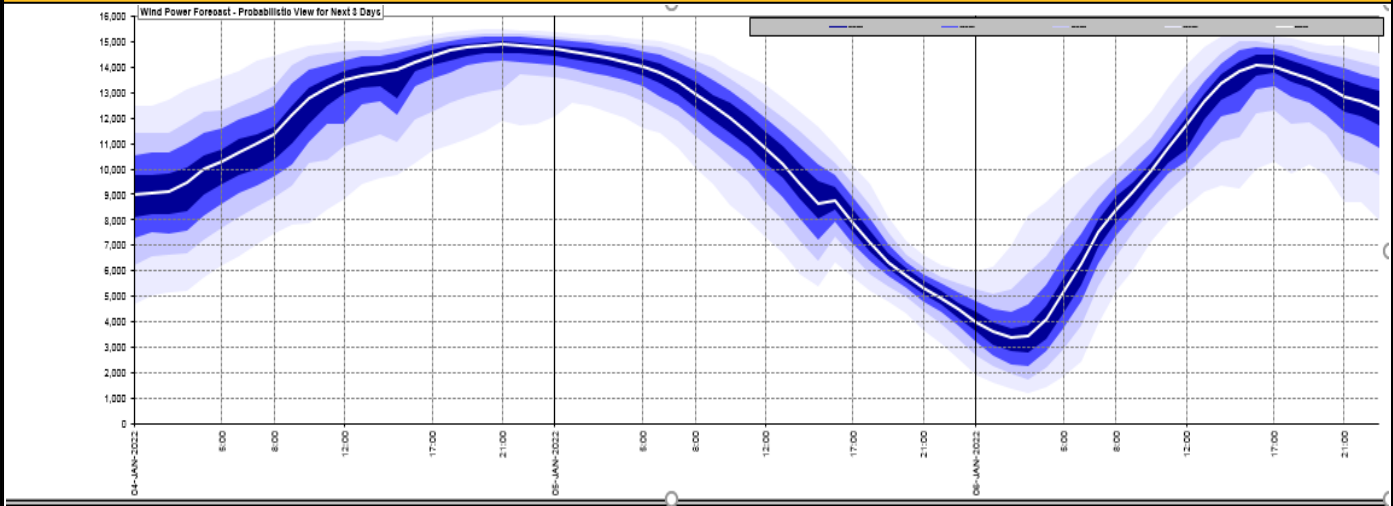
Today's Minimum De-Rated Margin	13975.49 (SP 35)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£225.00 (SP 39)
Cash Out Price (Min)	-£77.55 (SP 11)
Peak Demand Yesterday	39705 MW
Minimum Demand	16700MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1000	1000	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	703	703	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	1000	1000	Partially Available

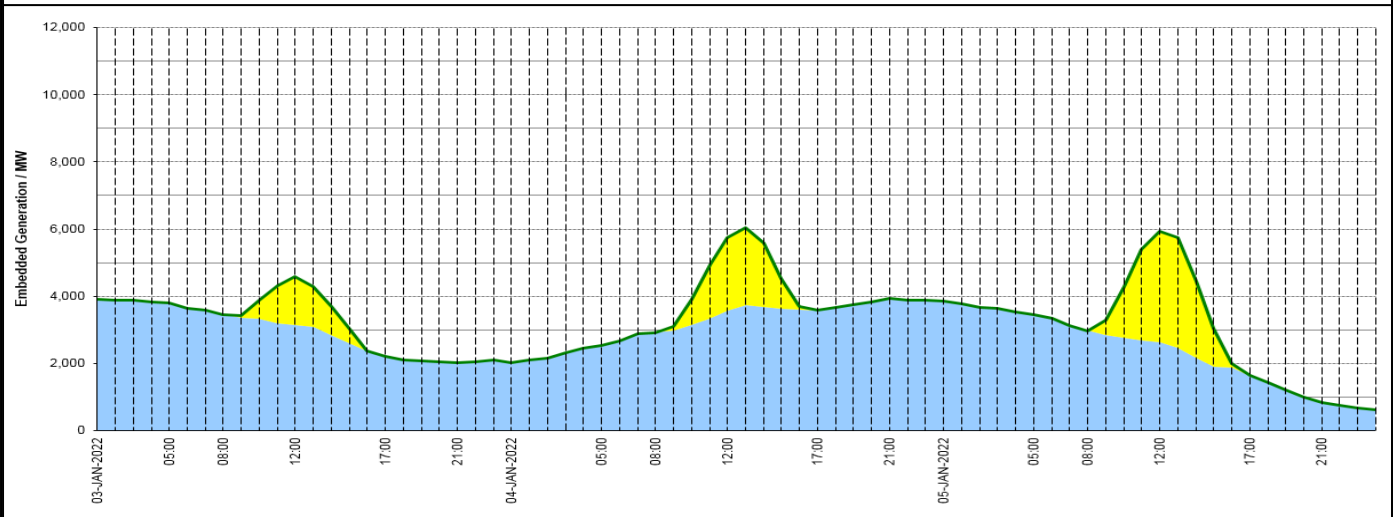
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates															Last run: 04-Jan-2022 03:22:45		
	03-JAN-2022					04-JAN-2022					05-JAN-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	1440	0	0	0	0	0	2202	0	0	0	0	0	3338	0	0
Wind (MW)	3793	3463	3151	2221	2020	2031	2543	2922	3584	3576	3925	3864	3440	2978	2616	1642	831
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3793	3463	4591	2221	2020	2031	2543	2922	5739	3576	3925	3864	3440	2978	5921	1642	831



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain slowly clearing to the southeast. Otherwise sunny spells and showers. Central and northern England and southern Scotland mostly fine and dry. Windy, particularly in north with coastal gales, locally severe. Cold. Tonight: Cold night with widespread slight frost. Wintry showers continuing over northern Scotland, north Wales and feeding into the Midlands from the Irish Sea for a time. Winds slowly easing.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Yellow warning of ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Flood Warnings 8 Flood Warnings and 47 alerts in England 8 Flood Warnings and 10 alerts in Scotland 0 Flood Warnings and 1 alerts in Wales

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