

**National Electricity
Transmission System Status Report**

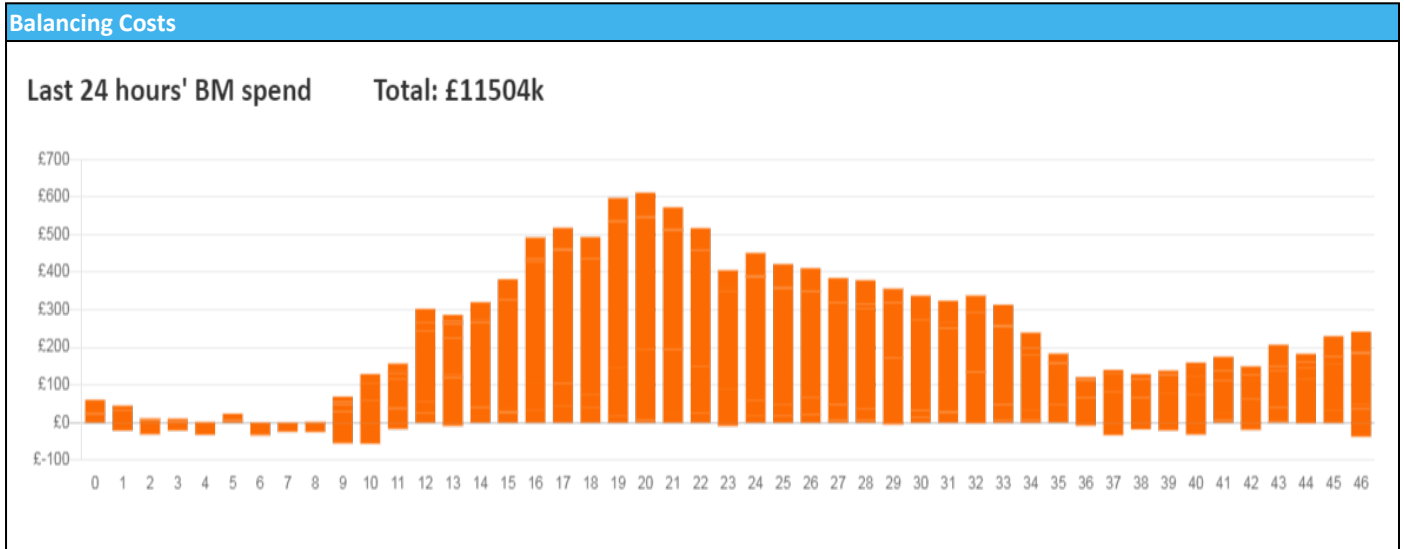


national**grid**ESO

National Electricity Transmission System Status Report
Friday 07 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			

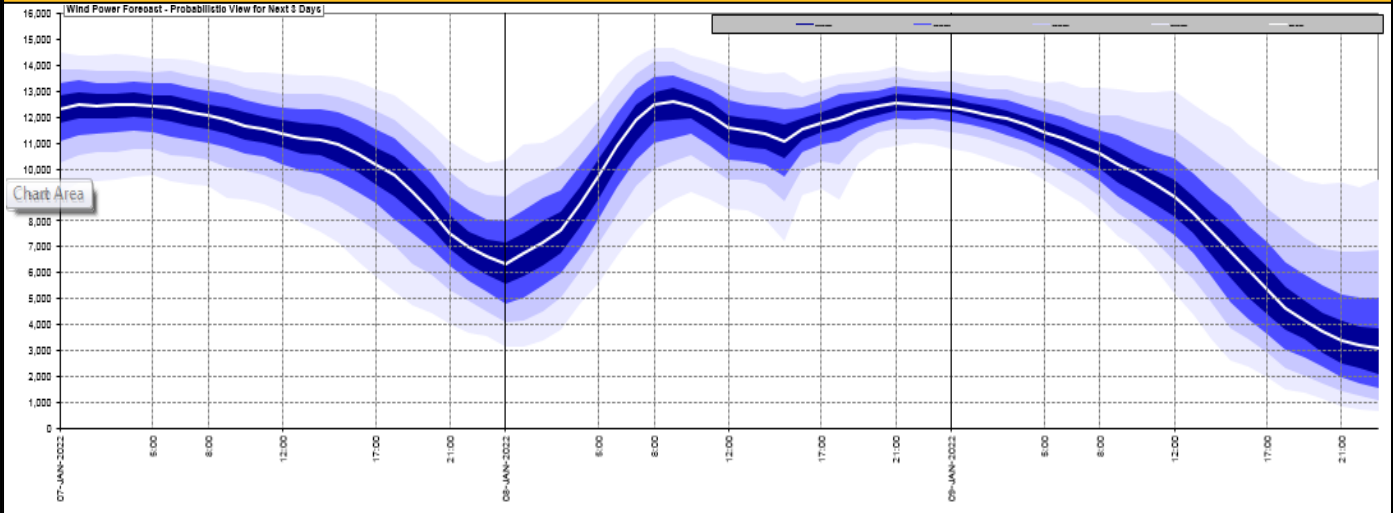
Today's Minimum De-Rated Margin	8560 (SP 35)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£270.00 (SP 29,30)
Cash Out Price (Min)	£00.00 (SP 9,10)
Peak Demand Yesterday	43929 MW
Minimum Demand	23450 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	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

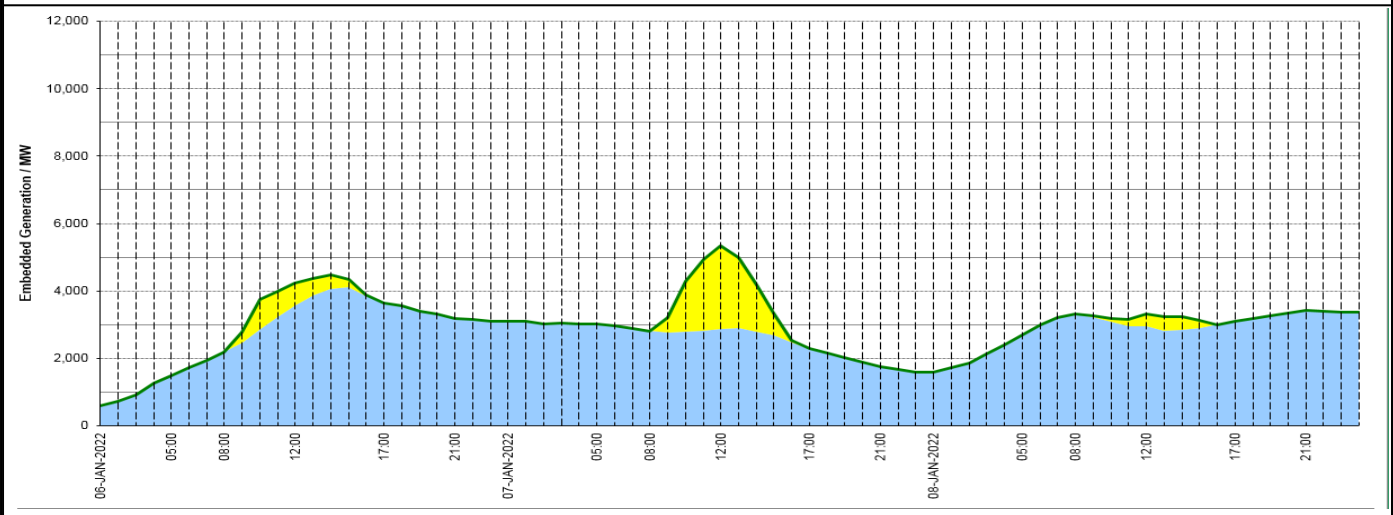
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	06-JAN-2022					07-JAN-2022					08-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	661	0	0	0	0	0	2473	0	0	0	0	0	365	0	0
Wind (MW)	1484	2192	3585	3641	3186	3092	3026	2813	2879	2287	1752	1587	2704	3308	2944	3091	3431
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1484	2192	4246	3641	3186	3092	3026	2813	5352	2287	1752	1587	2704	3308	3309	3091	3431



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Blustery, heavy wintry showers affecting many areas, especially the west and northwest where the heaviest and most frequent showers, including some snow, will be. More persistent rain and hill snow for south Wales and parts of southern England. Feeling cold. Tonight: Early evening showers fading leaving clear spells for a time. Rain and windier conditions then spread across the UK, rain falling as hill snow in the north for a time.
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 East Midlands Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde West Midlands Yorkshire & Humber Yellow warning of ice Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde West Midlands Yorkshire & Humber Yellow warning of snow Areas affected: Northern Ireland

Weather	Source	Commentary
		Yellow warning of ice Areas affected: Northern Ireland
		Flood Warnings 0 Flood Warnings and 7 alerts in England 0 Flood Warnings and 0 alerts in Scotland 0 Flood Warnings and 0 alerts in 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