

**National Electricity
Transmission System Status Report**

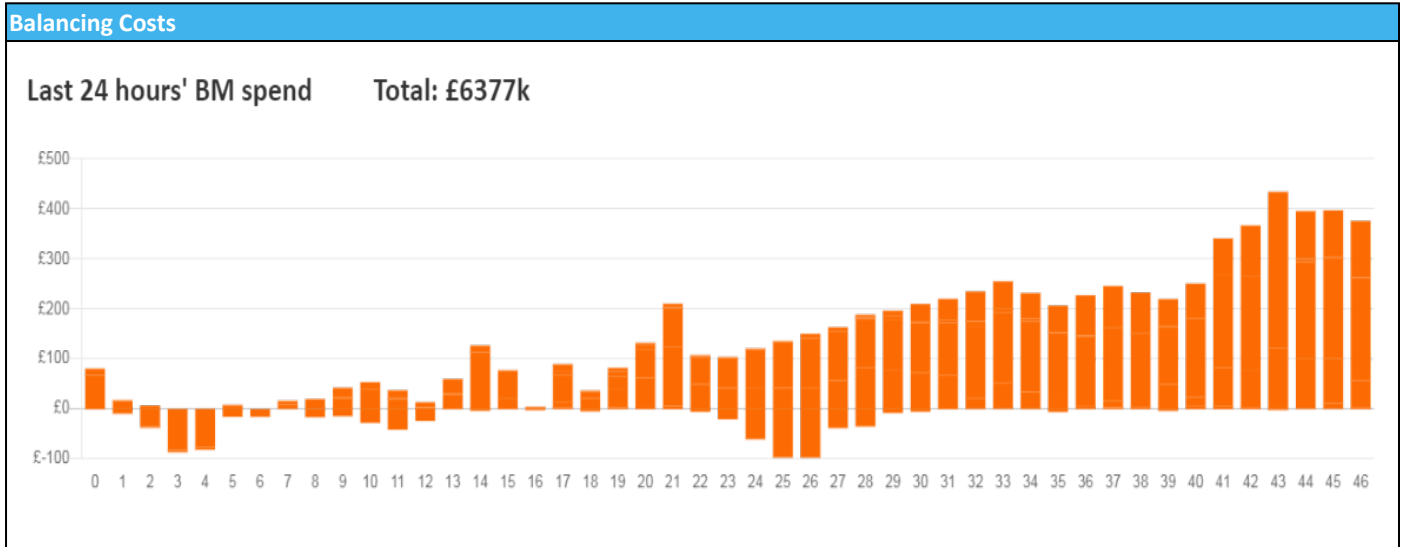


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 29 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			

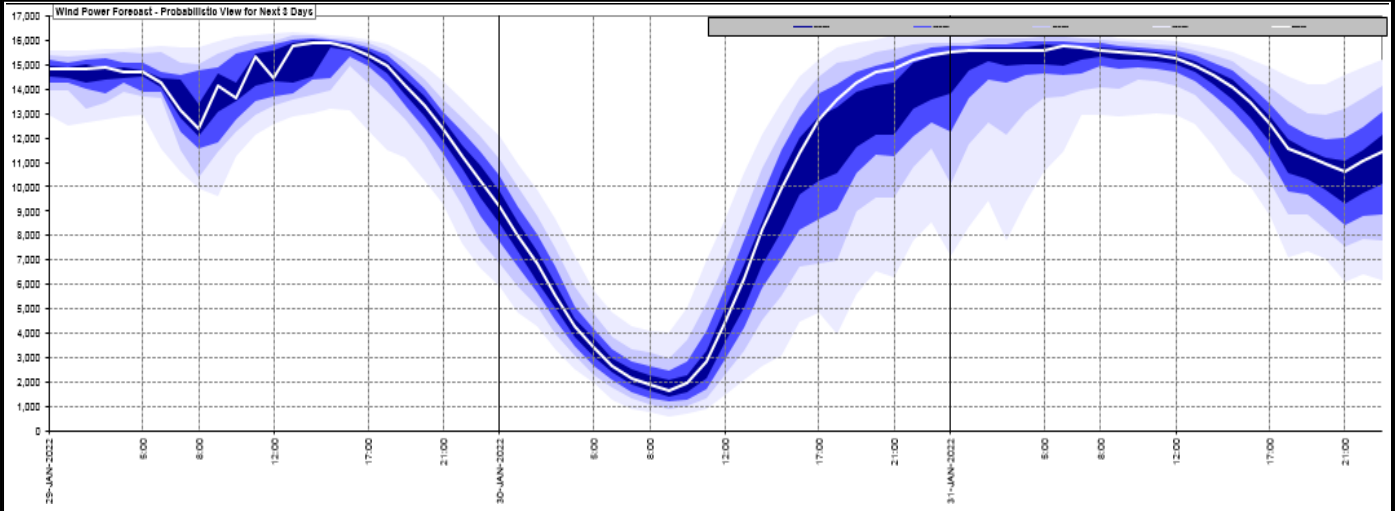
Today's Minimum De-Rated Margin	17074 (SP 20)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£300.00 (SP 16)
Cash Out Price (Min)	£148.00 (SP 4 - 5)
Peak Demand Yesterday	42,866MW
Minimum Demand	20,120W

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	500	500	Partially Available

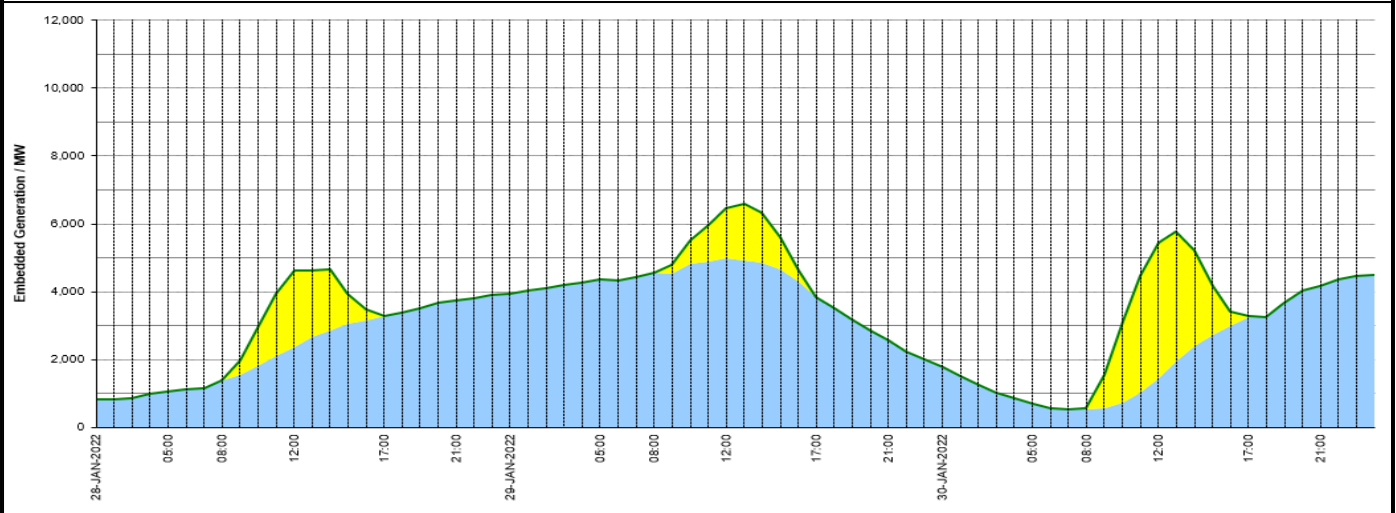
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates														Last run: 29-Jan-2022 03:50:26			
	28-JAN-2022					29-JAN-2022					30-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	1	2260	4	0	0	0	17	1478	0	0	0	0	57	4000	19	0
Wind (MW)	1056	1368	2359	3269	3750	3948	4366	4552	4977	3846	2549	1782	689	514	1456	3247	4182
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1056	1369	4619	3273	3750	3948	4366	4569	6455	3846	2549	1782	689	571	5456	3266	4182



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Very windy Scotland and north England with rain in northwest moving south and easing. Brighter skies with some showers following. Cloudy and mild most of England and Wales with drizzle in west. Clearer skies arriving from north during afternoon.</p> <p>Tonight: Winds easing overnight with good clear spells developing leading to a widespread frost. Showers in the northeast slowly dying out.</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 wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England Northern Ireland Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber Started at: 04:00 GMT on Sat 29 January Ends: 15:00 GMT on Sat 29 January</p> <p>Amber warning of wind Areas affected: Central, Tayside & Fife Grampian SW Scotland, Lothian Borders</p>

Weather	Source	Commentary
		Starts: 07:00 GMT on Sat 29 January Ends: 15:00 GMT on Sat 29 January Yellow warning of wind Areas affected: Orkney & Shetland Starts: 12:00 GMT on Sat 29 January Ends: 20:00 GMT on Sat 29 January
		Flood Warnings No flood warnings are currently in force for England 2 Flood Warnings and 4 Flood Alerts issued for Scotland. No flood warnings are currently in force for 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