

**National Electricity
Transmission System Status Report**

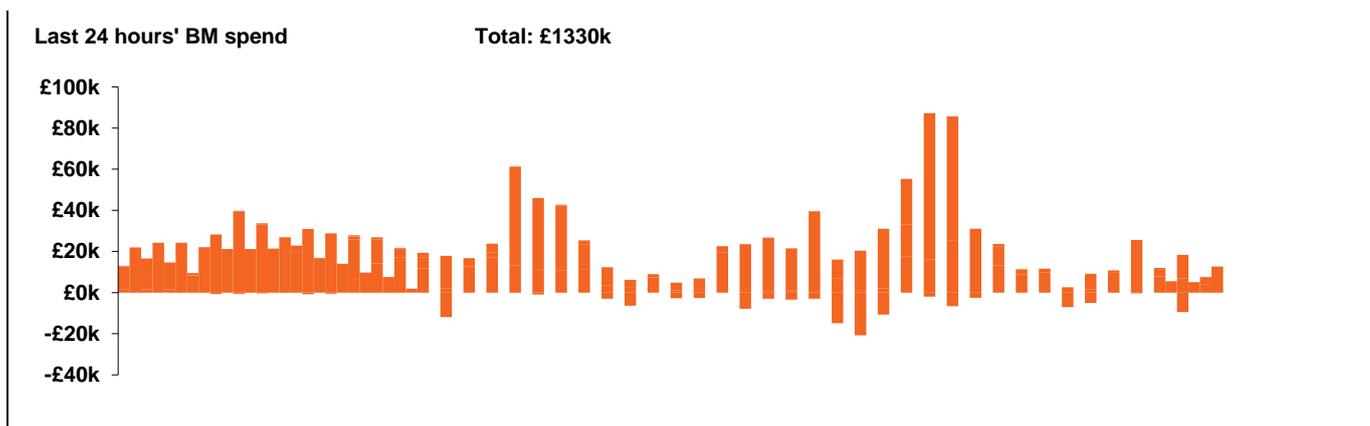


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 28 January 2021

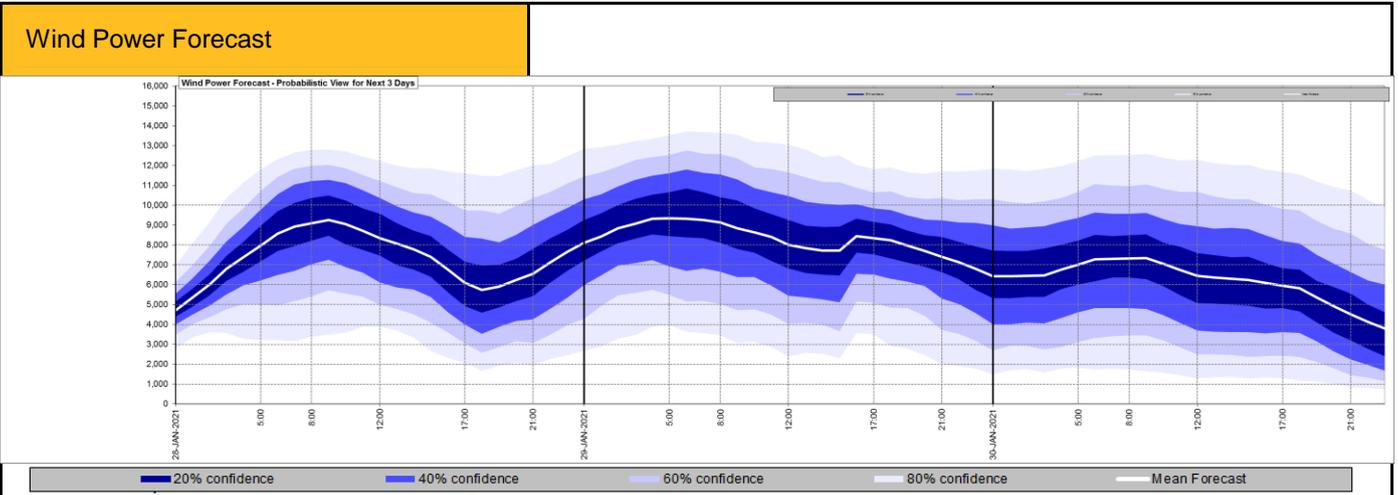
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	7452.05 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



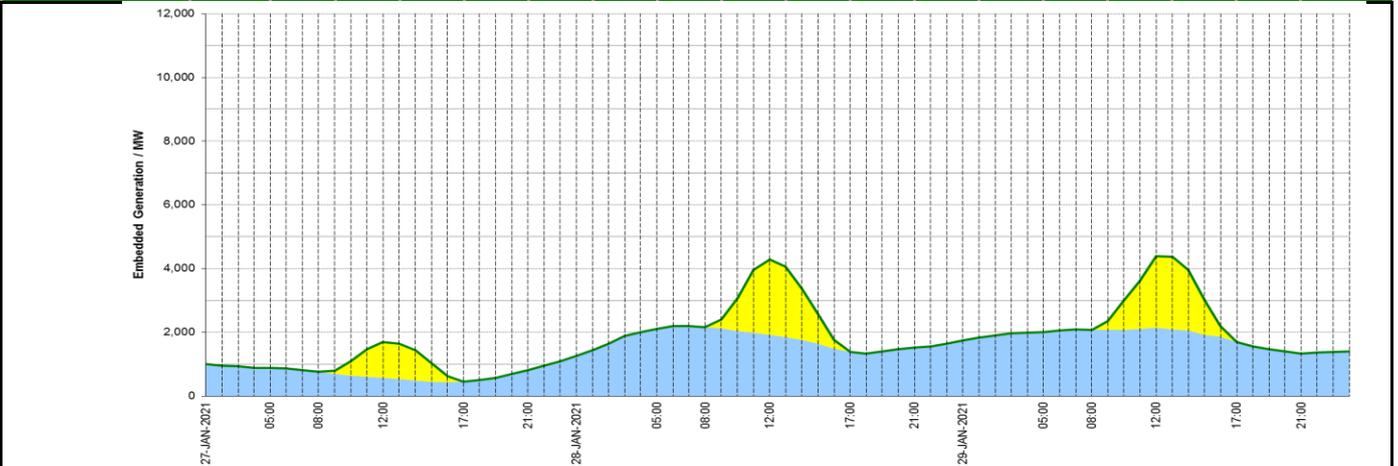
Yesterday's Market Summary	
Cash out price (Max)	£205/MWh (SP 36 & 37)
Cash Out Price (Min)	£42.50/MWh (SP 15)
Peak Demand Yesterday	44,393 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	1004	1004	Fully available
Belgium (Nemo)	1020	1020	Fully available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully available



Expected embedded generation (MWs)

Embedded Generation Forecast	27-JAN-2021					28-JAN-2021					29-JAN-2021						
	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	1120	0	0	0	0	0	2369	0	0	0	0	0	2252	0	0
Wind (MW)	880	754	574	458	810	1263	2115	2159	1922	1381	1513	1747	1999	2073	2139	1695	1338
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	880	754	1694	458	810	1263	2115	2159	4291	1381	1513	1747	1999	2073	4391	1695	1338



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloudy with rain and hill snow for much of Scotland and northern England today. Most other regions seeing some early rain before becoming drier later. Rain then returns to Northern Ireland, Wales and southwest England later. Mild in the south.</p> <p>Tonight: Most of Scotland cloudy with rain and hill snow. Elsewhere, evening rain will be followed by clear spells and showers, some heavy in the southwest. Becoming windy in the south.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of rain Areas affected: East Midlands North West England West Midlands Start at: 00:00 GMT on Thu 28 January End: 23:59 GMT on Thu 28 January Heavy rainfall will likely lead to some minor transport disruption and flooding. - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer Yellow warning of snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber Start: 00:00 GMT on Thu 28 January End: 09:00 GMT on Fri 29 January Heavy snowfall may occur across the hills in this region and bring significant disruption to travel. - There is a small chance of travel delays on roads with some stranded vehicles and passengers, along with delayed or cancelled rail and air travel - There is a slight chance that some rural communities could become cut off - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected</p> <p>UK Flood Warnings: 18 Flood Warnings issued for England. 0 Flood Warning issued for Scotland. 0 Flood Warnings 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