

**National Electricity
Transmission System Status Report**

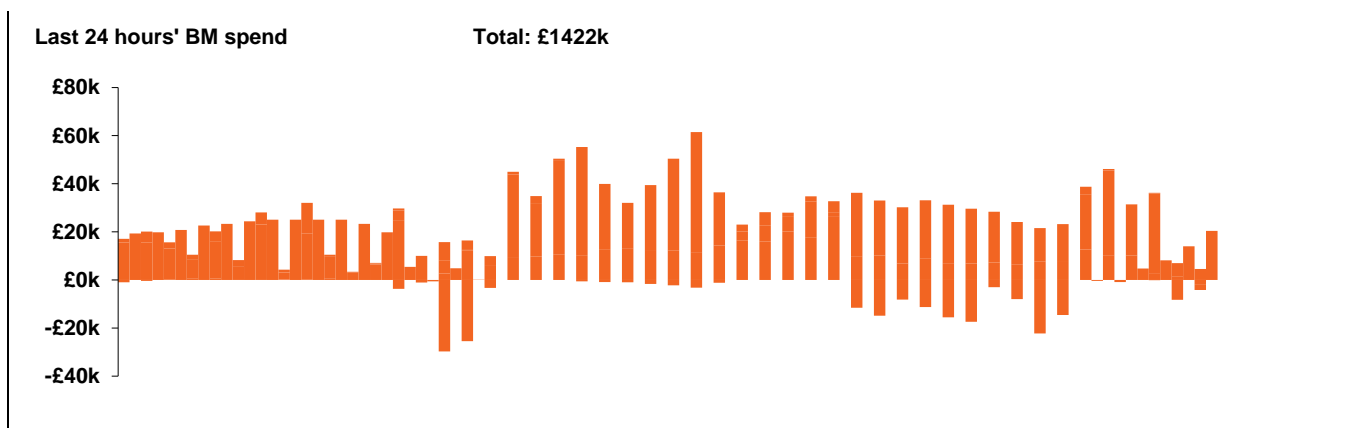


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 05 January 2021

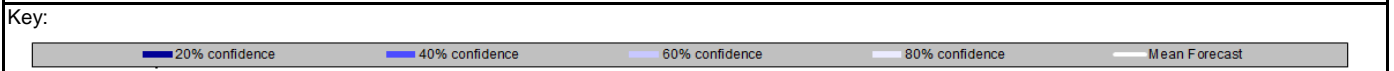
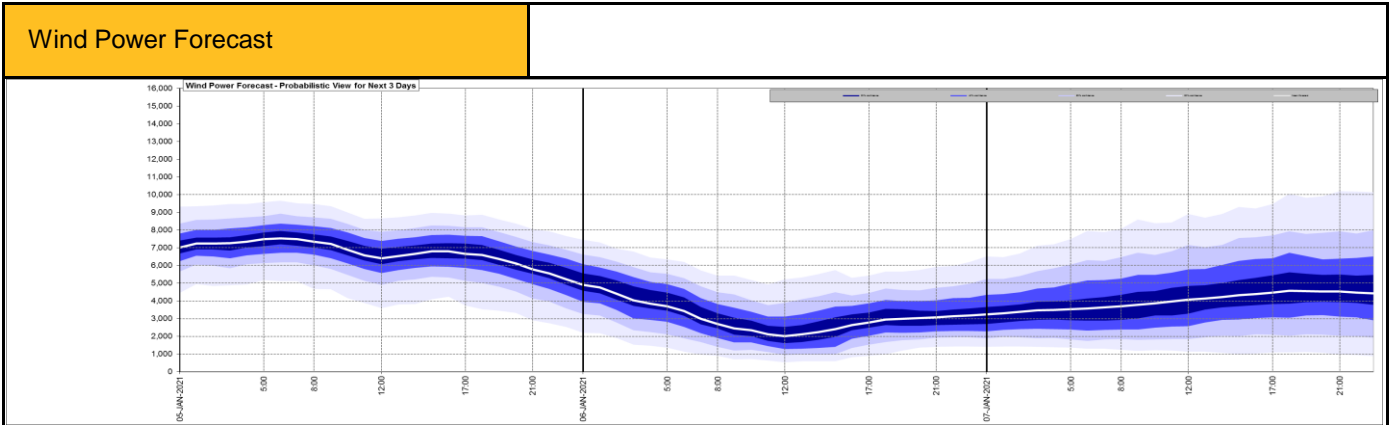
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	3791 (SP 34)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



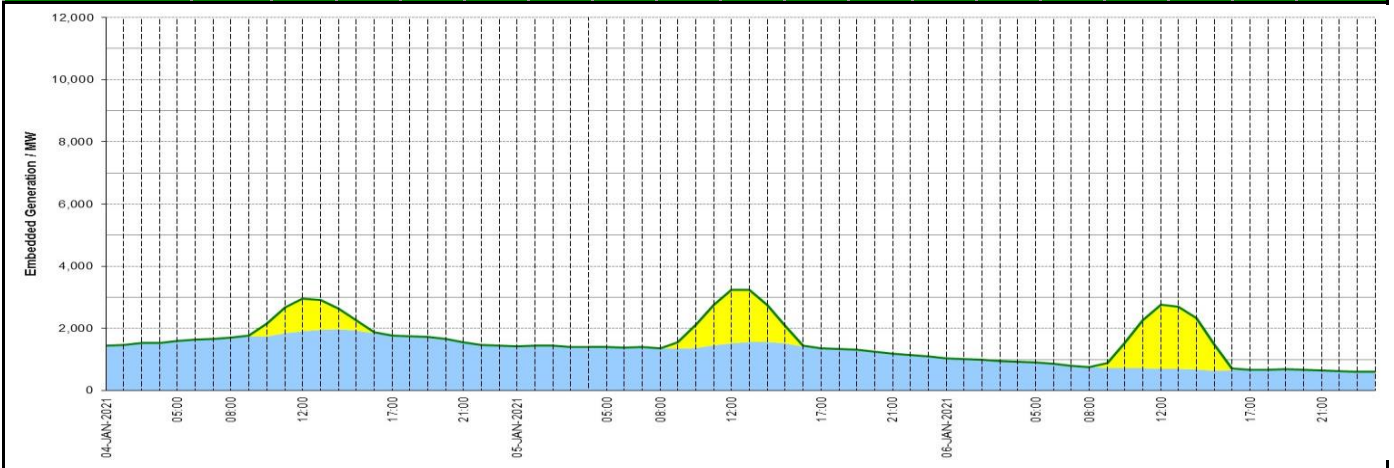
Yesterday's Market Summary	
Cash out price (Max)	£95.00/MWh (SP 31)
Cash Out Price (Min)	£0.00/MWh (SP 14)
Peak Demand Yesterday	45061 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
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	04-JAN-2021					05-JAN-2021					06-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	1040	0	0	0	0	0	1714	0	0	0	0	0	2063	0	0
Wind (MW)	1602	1708	1909	1773	1556	1427	1400	1365	1517	1359	1177	1041	896	764	707	669	641
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1602	1708	2949	1773	1556	1427	1400	1365	3231	1359	1177	1041	896	764	2770	669	641



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cold with further showers, some wintry over hills, in central and eastern parts, prolonged in the southeast. Drier further west with some sunshine and feeling bitter in the strong winds</p> <p>Tonight: Showers feeding inland from North Sea and turning wintry over hills with ice risk, these most persistent in southeast. Cold with widespread frost and isolated freezing fog patches in northwest.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Areas affected: Central, Tayside & Fife East Midlands East of England Grampian Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde West Midlands Yorkshire & Humber</p> <p>ACTIVE</p> <p>Started at: 16:00 GMT on Mon 4 January</p> <p>Ends: 11:00 GMT on Tue 5 January Icy stretches likely to cause difficult travel conditions.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths
		<p>UK Flood Warnings:</p> <p>4 Flood Warnings & 32 Flood Alerts issued for England</p> <p>0 Flood Warnings issued for Scotland</p> <p>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