

**National Electricity
Transmission System Status Report**

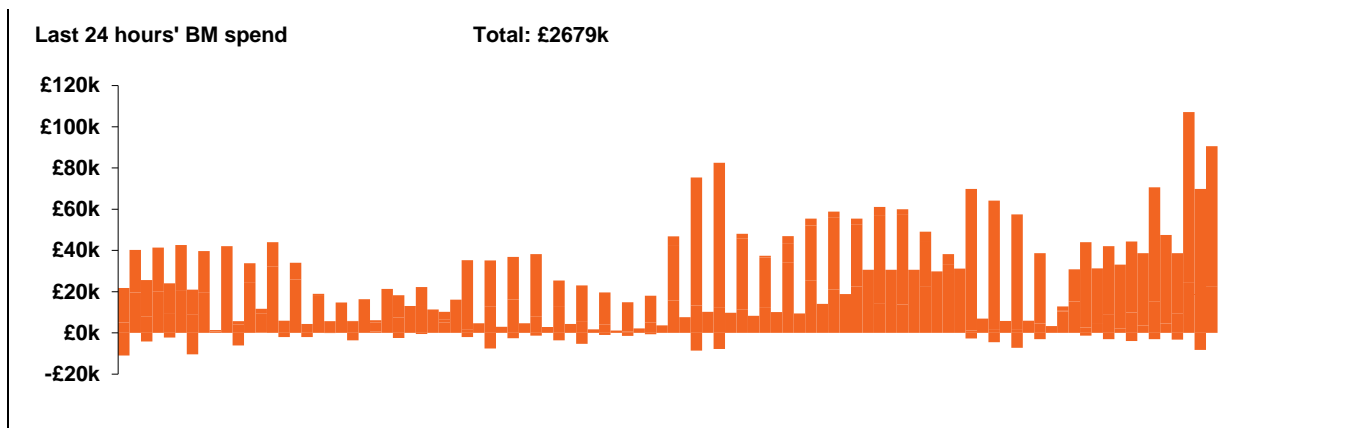


national**grid**ESO

National Electricity Transmission System Status Report
Monday 18 January 2021

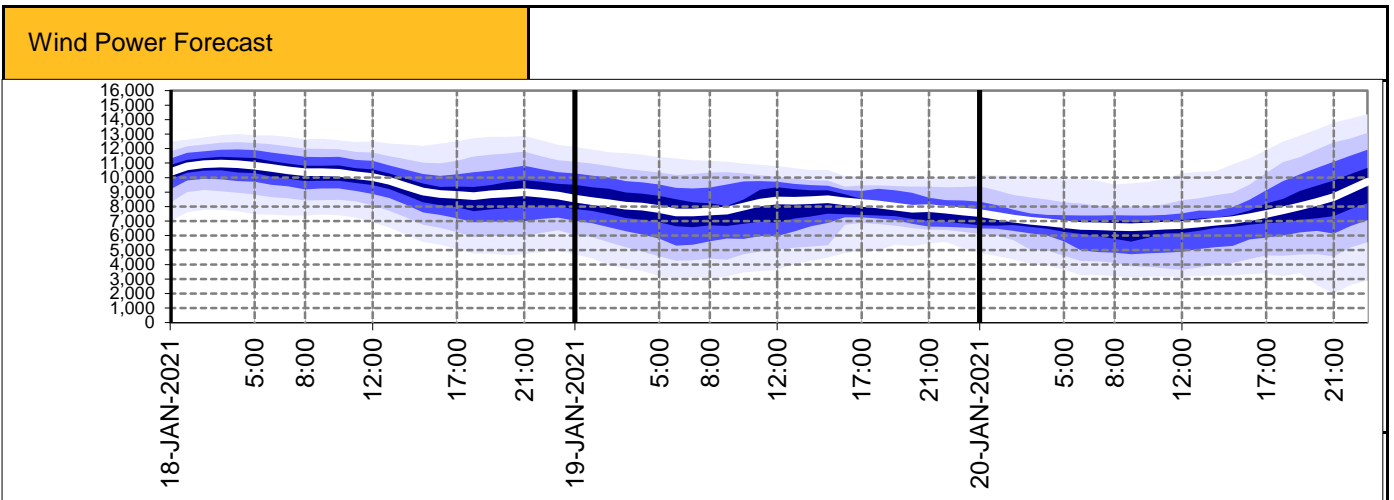
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	6959.37 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£99.00/MWh (SP 26)
Cash Out Price (Min)	£10.10/MWh (SP 44)
Peak Demand Yesterday	42095MW

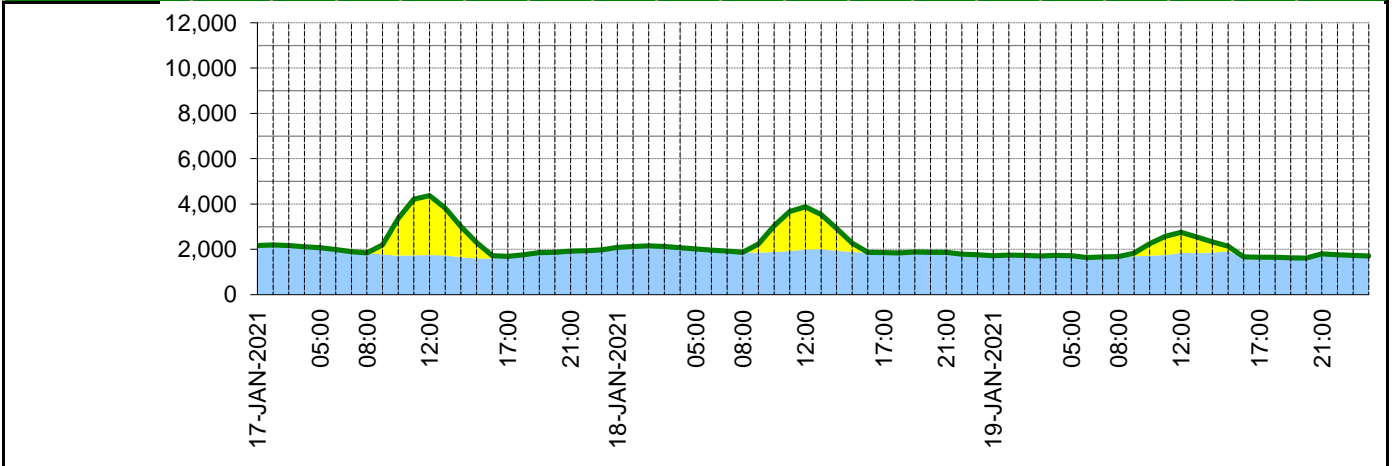
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully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



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JAN-2021					18-JAN-2021					19-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	2630	0	0	0	0	0	1885	0	0	0	0	0	909	0	0
Wind (MW)	2080	1839	1742	1699	1926	2082	2023	1871	1996	1856	1869	1726	1721	1687	1849	1658	1799
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2080	1839	4372	1699	1926	2082	2023	1871	3881	1856	1869	1726	1721	1687	2758	1658	1799



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Showers continuing over much of Scotland - heavy and blustery in the far north. Drier to start further south but rain arriving into Wales and southwest England during the afternoon and then moving northeast</p> <p>Tonight: Rain for most, heavy at times, most persistent across northern England and north Wales. Becoming windy in the south. Showers for north Scotland. Cold in north Scotland, mild further 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 in East Midlands, East of England, London & South East England Starts: 00:00 GMT on Tue 19 January Ends: 12:00 GMT on Thu 21 January</p> <p>UK Flood Warnings: 13 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