

**National Electricity
Transmission System Status Report**

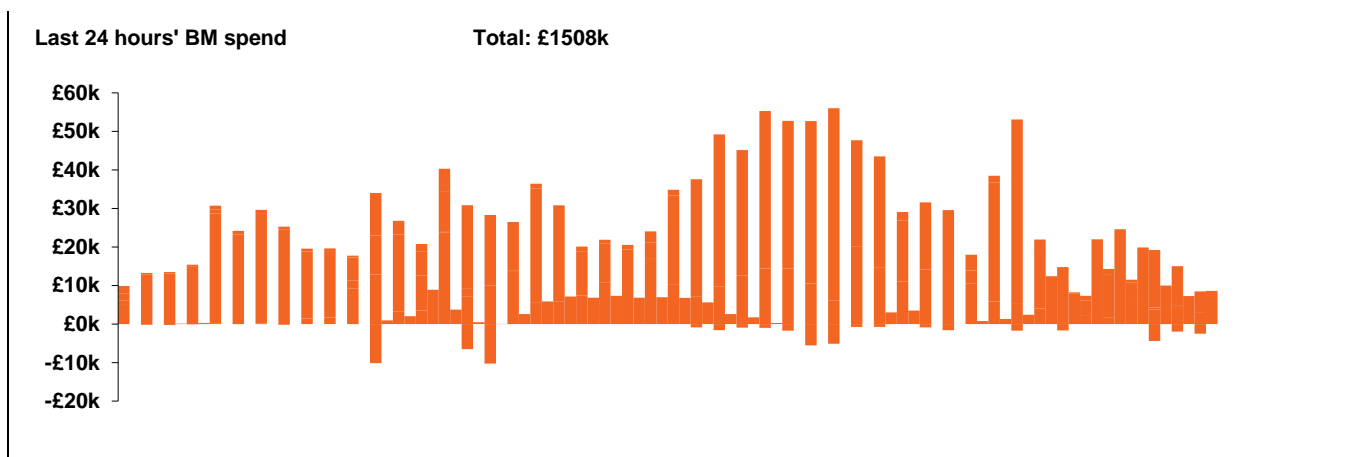


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 23 December 2020

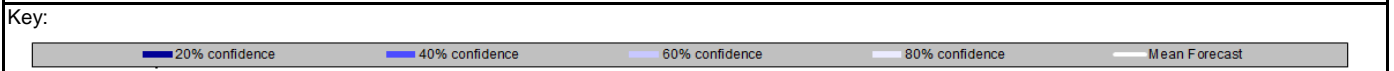
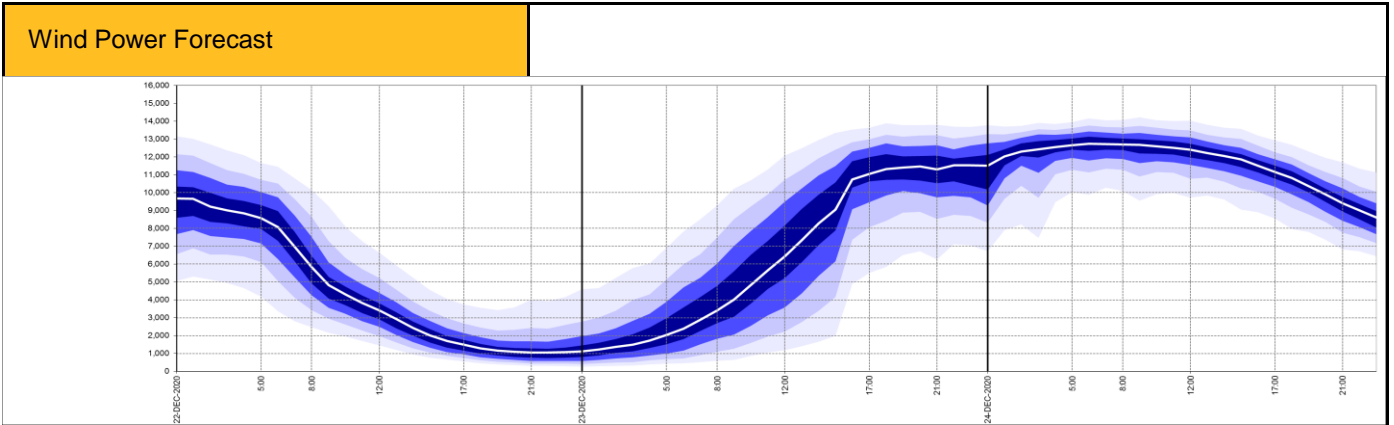
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	8505 (SP 22)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



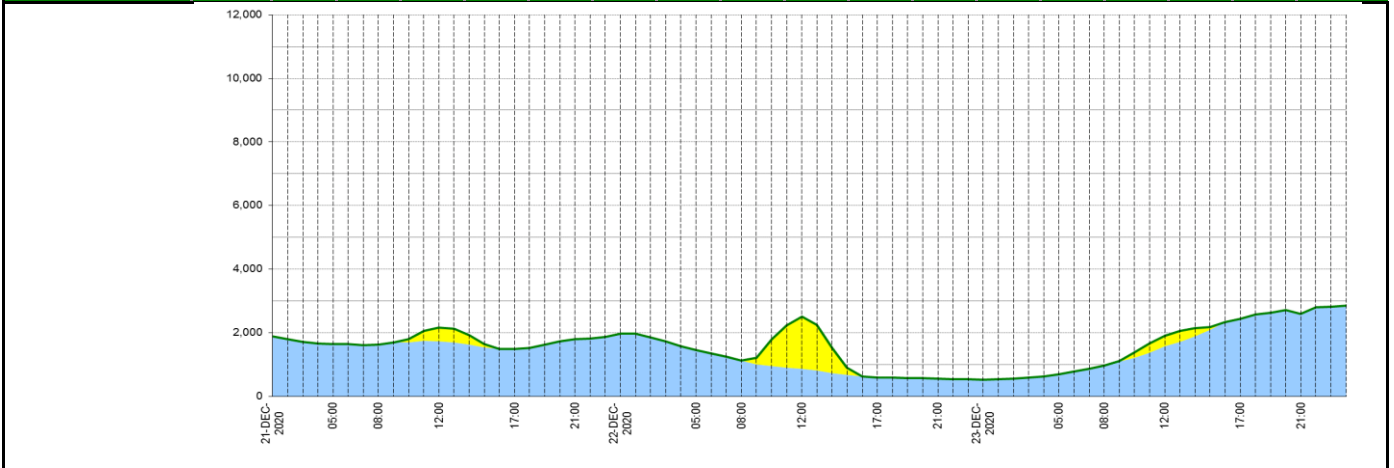
Yesterday's Market Summary	
Cash out price (Max)	£79.00/MWh (SP 31 & 32)
Cash Out Price (Min)	£4.50/MWh (SP 14-18)
Peak Demand Yesterday	43,877 MW

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	21-DEC-2020					22-DEC-2020					23-DEC-2020						
	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	419	0	0	0	0	0	1637	0	0	0	0	0	333	0	0
Wind (MW)	1645	1625	1734	1484	1797	1979	1452	1122	863	596	549	522	697	964	1569	2445	2597
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1645	1625	2153	1484	1797	1979	1452	1122	2500	596	549	522	697	964	1902	2445	2597



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain will affect many southern and central areas, heavy in places and perhaps causing some disruption. Southern England will be mild but feeling chilly elsewhere as winds strengthen. The north will be brighter and colder, with the odd shower.</p> <p>Tonight: Rain will clear southeastwards, leaving many areas with clear spells but a few wintry showers affecting northern Scotland and some western and eastern coastal areas. Windy, cold, frost in places.</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</p> <p>Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands</p> <p>Starts: 06:00 GMT on Wed 23 December</p> <p>Ends: 06:00 GMT on Thu 24 December Heavy rainfall may lead to flooding in places and disruption to travel.</p> <ul style="list-style-type: none"> - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater causing hazardous conditions - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - Spray and flooding could lead to difficult driving conditions and some road closures - There is a small chance that some communities become cut off by flooded roads <p>UK Flood Warnings:</p> <p>10 Flood Warnings issued for England</p> <p>0 Flood Warnings issued for Scotland</p> <p>2 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