

**National Electricity  
Transmission System Status Report**

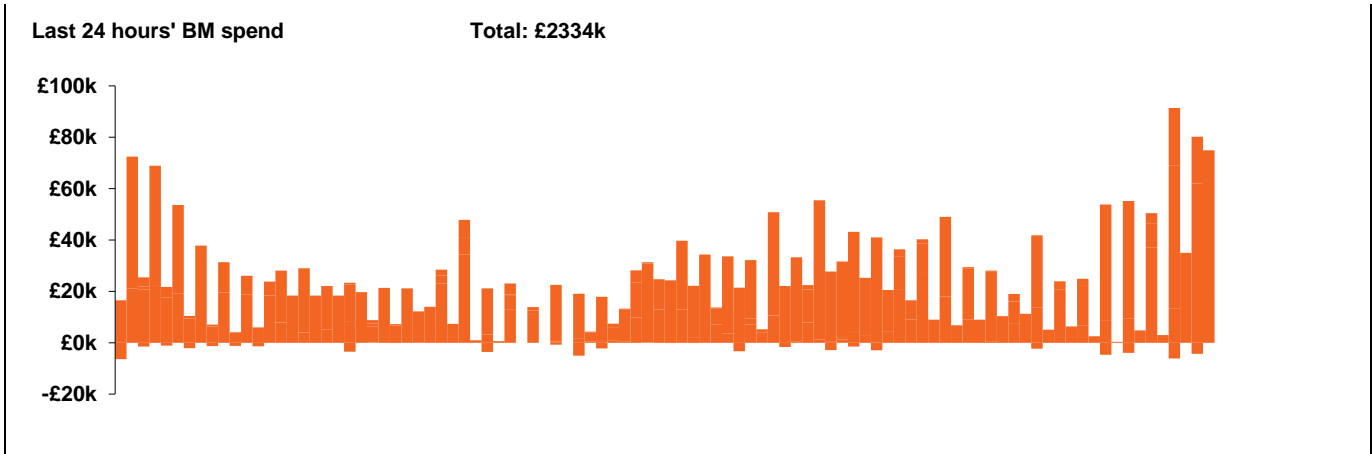


national**grid**ESO

**National Electricity Transmission System Status Report**  
Saturday 19 December 2020

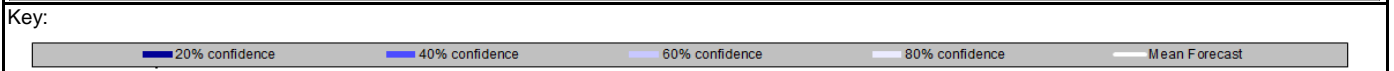
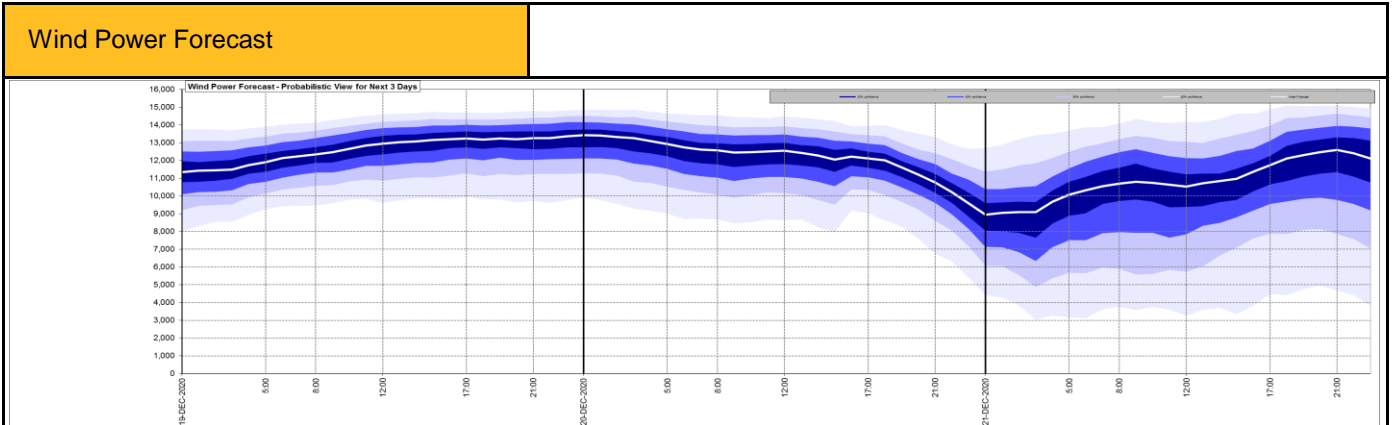
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<a href="#">Today's Minimum De-Rated Margin</a>	11810.07 (SP 35)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£72.00/MWh (SP 37)
<a href="#">Cash Out Price (Min)</a>	£0.00/MWh (SP 8-10)
<a href="#">Peak Demand Yesterday</a>	39,003 MW

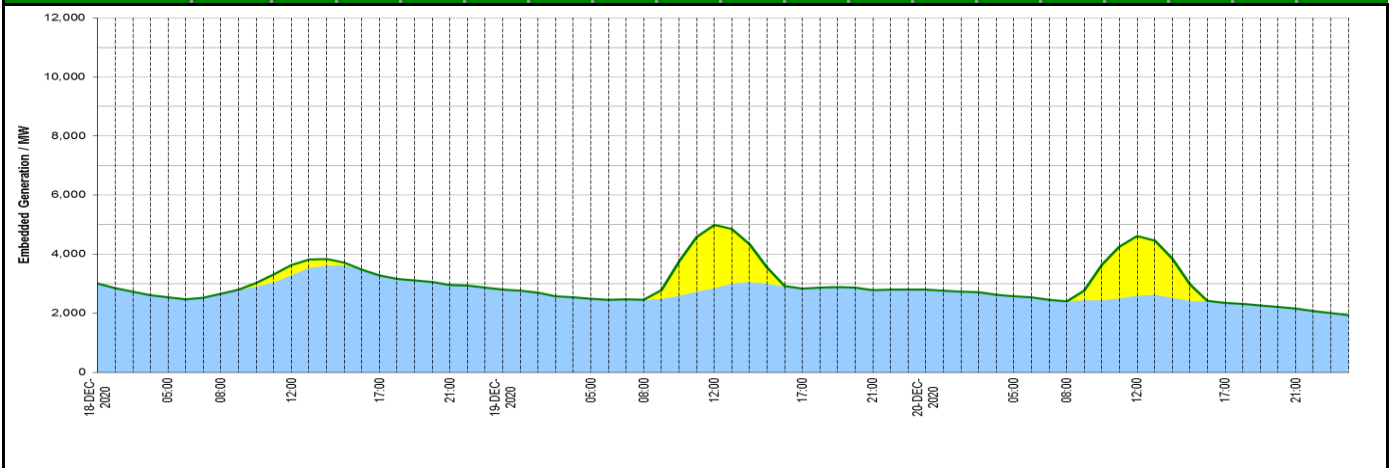
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully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



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	18-DEC-2020					19-DEC-2020					20-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	344	0	0	0	0	0	2141	0	0	0	0	0	2021	0	0
Wind (MW)	2533	2659	3289	3282	2950	2794	2490	2458	2846	2841	2787	2801	2579	2408	2587	2357	2152
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2533</b>	<b>2659</b>	<b>3633</b>	<b>3282</b>	<b>2950</b>	<b>2794</b>	<b>2490</b>	<b>2458</b>	<b>4987</b>	<b>2841</b>	<b>2787</b>	<b>2801</b>	<b>2579</b>	<b>2408</b>	<b>4608</b>	<b>2357</b>	<b>2152</b>



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Today:</b> Rain clearing eastern parts of England during the morning, then a blustery day with a mixture of sunny spells and showers, heaviest and most frequent in the south and west. Showers may contain hail with a risk of thunder.</p> <p><b>Tonight:</b> Some eastern parts dry with clear periods, but further showers are expected, particularly in southern and western areas, with some longer spells of rain for north-west Scotland.</p>
General Weather Concerns  e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Weather Warnings:</b> None</p> <hr/> <p><b>UK Flood Warnings:</b> 107 Flood Warning and Flood Alerts issued for England  7 Flood Warnings and Flood Alerts issued for Scotland.  58 Flood Warning and Flood Alerts issued for Wales.</p>

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Further Information	
BM Reports	<a href="https://www.bmreports.com">https://www.bmreports.com</a>
System Balancing Reports	<a href="https://www.nationalgrideso.com/balancing-data/system-balancing-reports">https://www.nationalgrideso.com/balancing-data/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs">https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</a>
NGESO Insights	<a href="https://www.nationalgrideso.com/insights">https://www.nationalgrideso.com/insights</a>