

**National Electricity  
Transmission System Status Report**

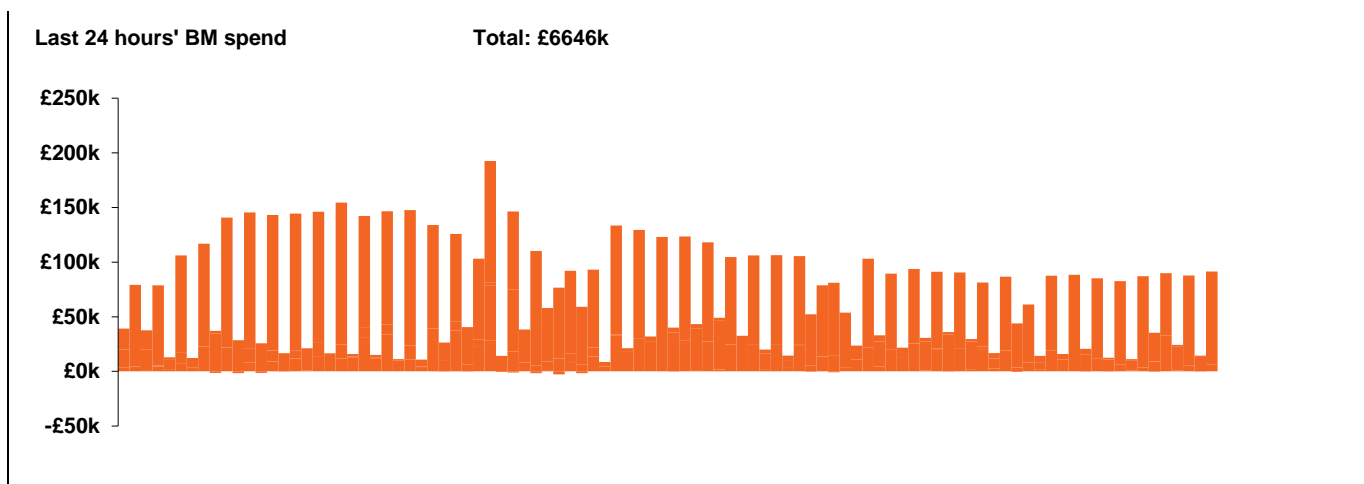


national**grid**ESO

**National Electricity Transmission System Status Report**  
Monday 17 February 2020

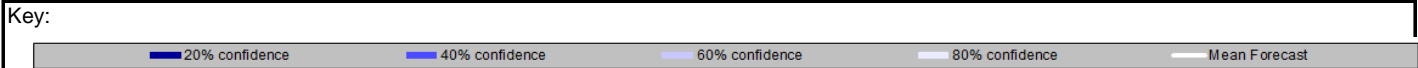
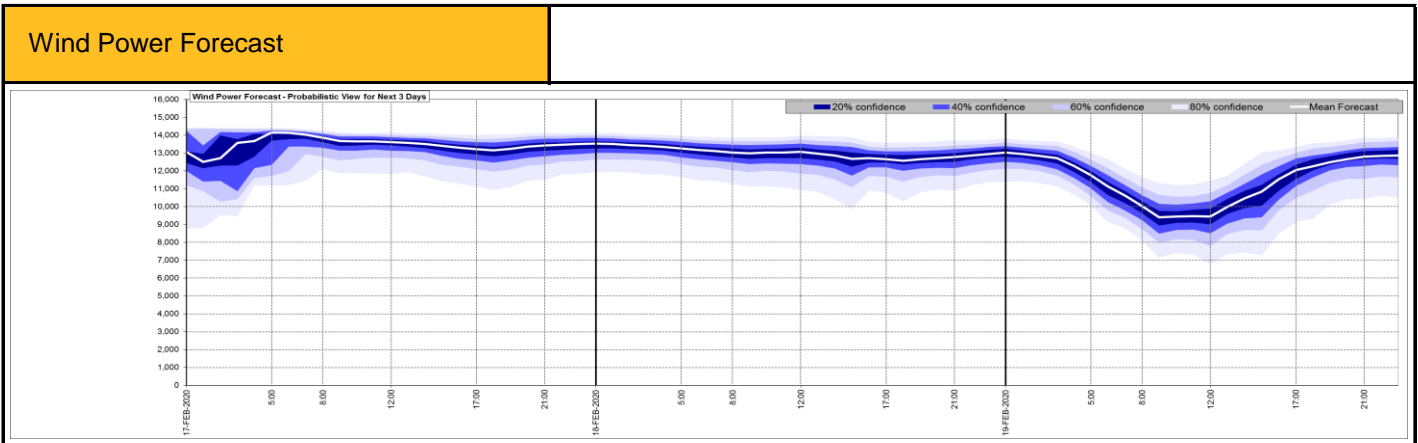
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<a href="#">Today's Minimum De-Rated Margin</a>	10354 (SP 37)	
<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>	£45.00/MWh (SP 37,38,47)
<a href="#">Cash Out Price (Min)</a>	£2.1/MWh (SP 15)
<a href="#">Peak Demand Yesterday</a>	37,183 MW

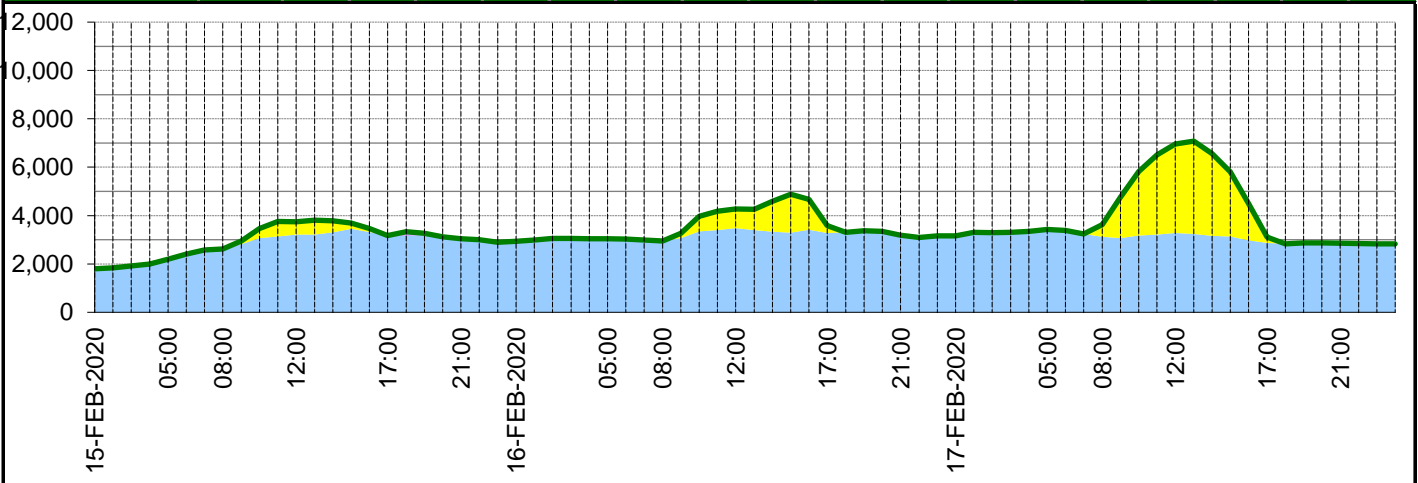
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	15-FEB-2020					16-FEB-2020					17-FEB-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	5	527	5	0	0	0	5	796	305	0	0	0	512	3679	243	0
Wind (MW)	2197	2614	3217	3168	3048	2942	3048	2950	3482	3286	3191	3159	3429	3116	3280	2866	2859
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2197</b>	<b>2619</b>	<b>3744</b>	<b>3173</b>	<b>3048</b>	<b>2942</b>	<b>3048</b>	<b>2955</b>	<b>4278</b>	<b>3591</b>	<b>3191</b>	<b>3159</b>	<b>3429</b>	<b>3628</b>	<b>6959</b>	<b>3109</b>	<b>2859</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> Windy with a mixture of sunny spells and showers. Showers will be heavy at times with hail and thunder in some places. Northern and western UK and the south coast of England will see the heaviest and most frequent showers.</p> <p><b>Tonight:</b> Windy with clear periods and further showers, mainly in the north and west. Showers will be heavy at times, and also wintry over northern hills</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>UK Weather Warnings</b> Yellow Warning for Wind</p>
		<p><b>UK Flood Warnings</b> 8 Severe Flood Warnings in England 278 Flood Warnings in England 29 Flood Warnings in Wales 13 Flood Warnings Scotland</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>