

**National Electricity  
Transmission System Status Report**

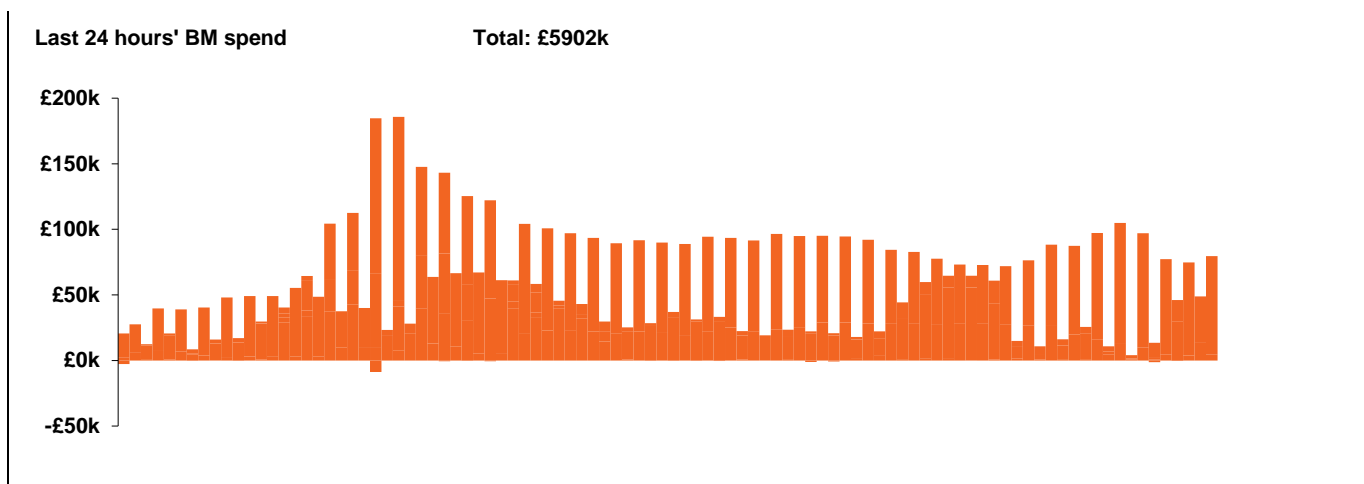


national**grid**ESO

**National Electricity Transmission System Status Report**  
Sunday 16 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			

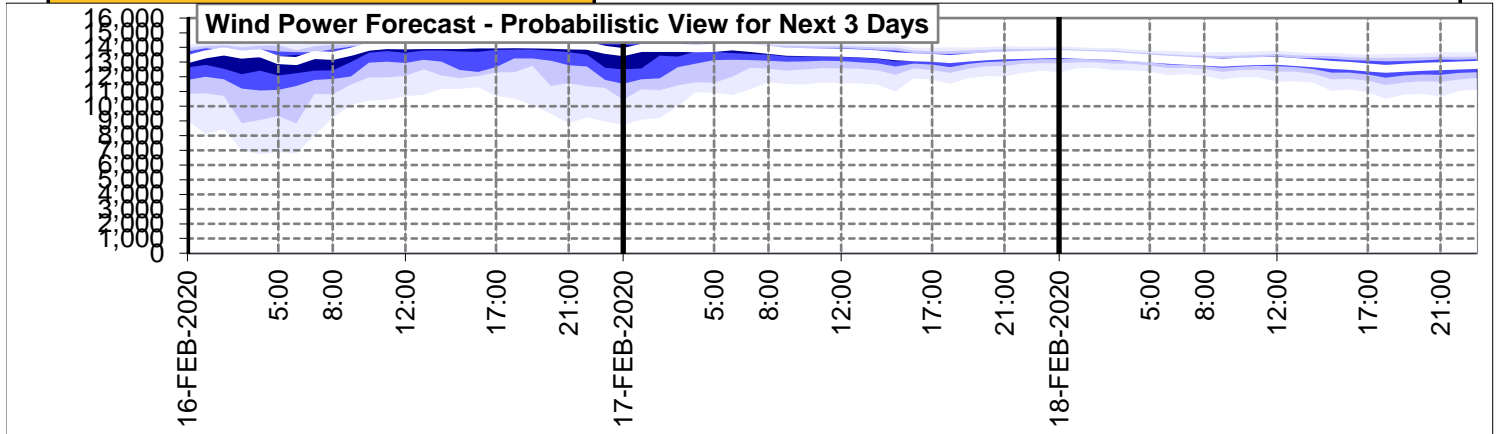
<a href="#">Today's Minimum De-Rated Margin</a>	14797 (SP 37)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



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

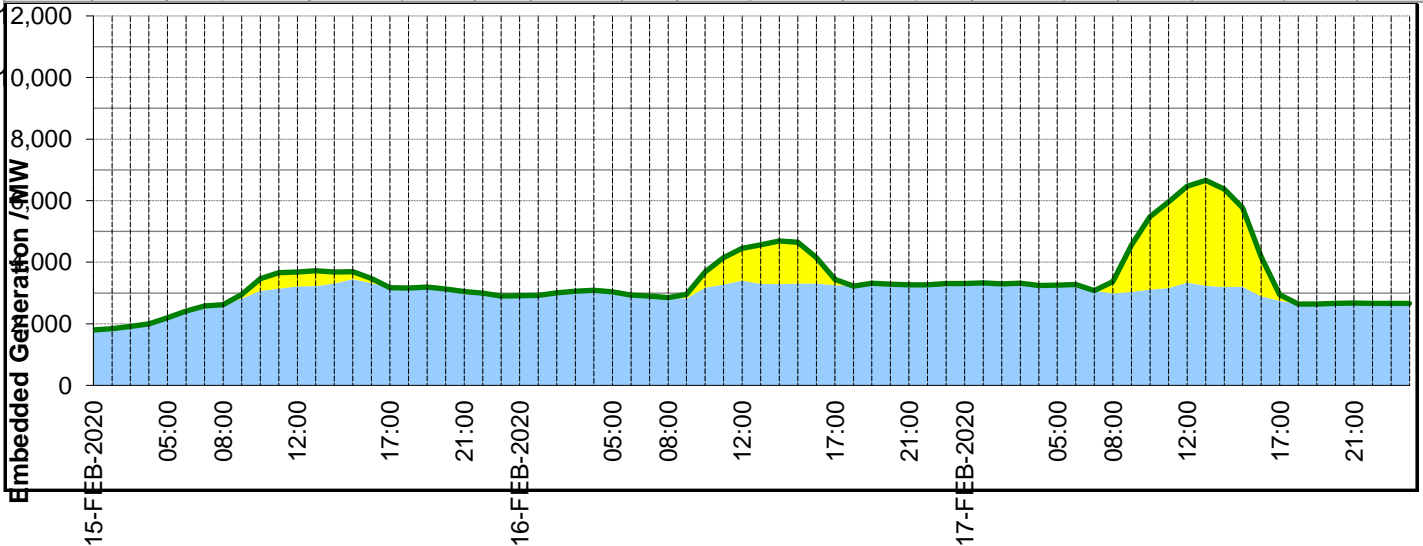
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

**Wind Power Forecast**



**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	464	8	0	0	0	1050	187	0	0	0	389	3128	202	0	
Wind (MW)	2197	2614	3217	3168	3048	2912	3032	2854	3402	3259	3265	3309	3255	2982	3341	2741	2670
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>3681</b>	<b>3176</b>	<b>3048</b>	<b>2912</b>	<b>3032</b>	<b>2854</b>	<b>4452</b>	<b>3446</b>	<b>3265</b>	<b>3309</b>	<b>3255</b>	<b>3371</b>	<b>6469</b>	<b>2943</b>	<b>2670</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> Storm Dennis still bringing heavy rain and gales in the south for a time, further disruption possible. However this gradually clearing southeastwards, most areas turning brighter and showery. Showers, heavy, frequent and blustery with hill snow in the north. Colder.</p> <p><b>Tonight:</b> Continuing windy with clear spells and showers, these heavy and frequent in some western and northern areas. Snow falling over hills in northern and central UK, with possible icy patches.</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> Amber warning of rain Yellow warnings of rain and wind</p> <p><b>UK Flood Warnings</b> 170 Flood Warnings in England 68 Flood Warnings in Wales 42 Flood Warnings in 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>