

**National Electricity  
Transmission System Status Report**

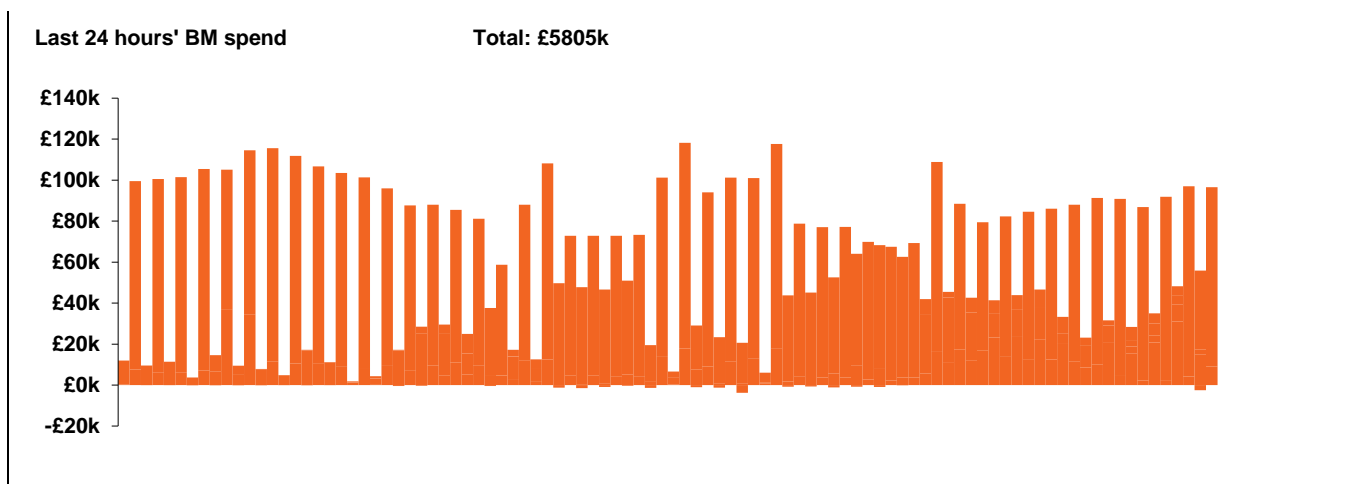


national**grid**ESO

**National Electricity Transmission System Status Report**  
Tuesday 18 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			

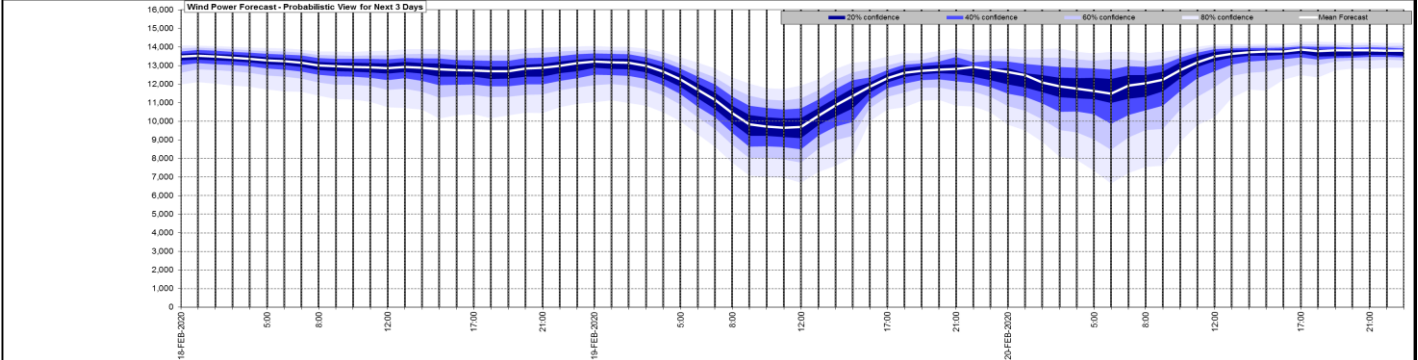
<a href="#">Today's Minimum De-Rated Margin</a>	10300 (SP 37)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



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



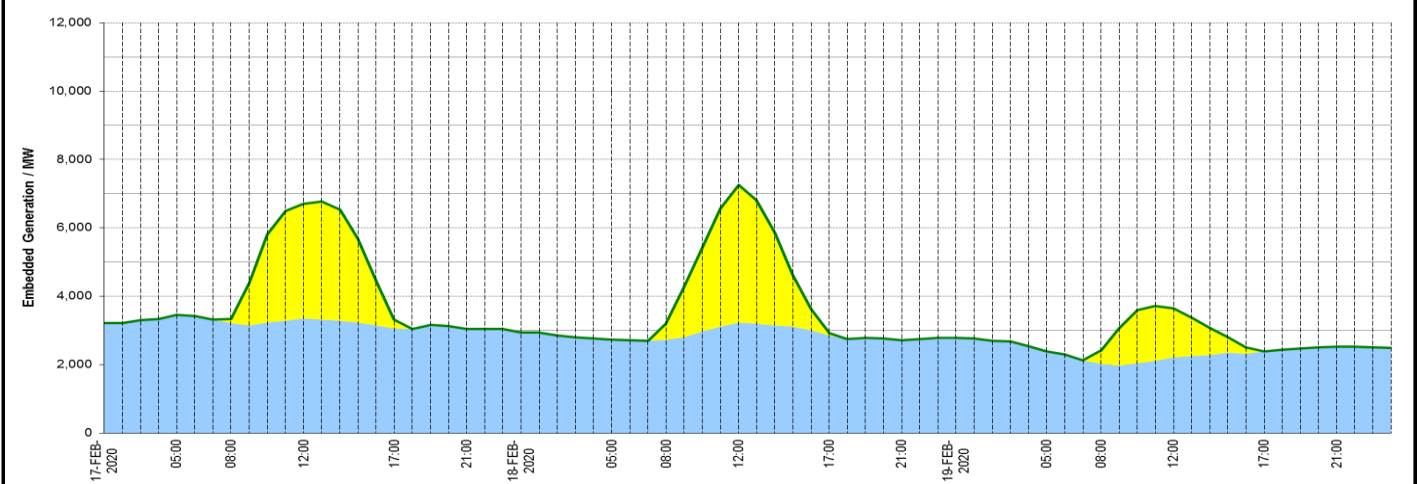
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	17-FEB-2020					18-FEB-2020					19-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	121	3350	254	0	0	0	468	4021	67	0	0	0	397	1436	0	0
Wind (MW)	3452	3213	3352	3056	3046	2939	2724	2728	3231	2857	2706	2787	2383	2016	2212	2378	2515
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>3452</b>	<b>3334</b>	<b>6702</b>	<b>3310</b>	<b>3046</b>	<b>2939</b>	<b>2724</b>	<b>3196</b>	<b>7252</b>	<b>2924</b>	<b>2706</b>	<b>2787</b>	<b>2383</b>	<b>2413</b>	<b>3648</b>	<b>2378</b>	<b>2515</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> Another windy day with a mixture of sunny spells and blustery showers. Showers will be heavy at times, occasionally with hail and thunder and over hills showers will also be wintry. Feeling chilly.</p> <p><b>Tonight:</b> Early evening showers will gradually become confined to the far north of Scotland. Colder than last night with a touch of frost. Rain then into Cornwall by dawn.</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 snow and ice</p>
		<p><b>UK Flood Warnings</b> 7 Severe Flood Warnings in England 190 Flood Warnings in England 29 Flood Warnings in Wales 9 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>