

**National Electricity  
Transmission System Status Report**

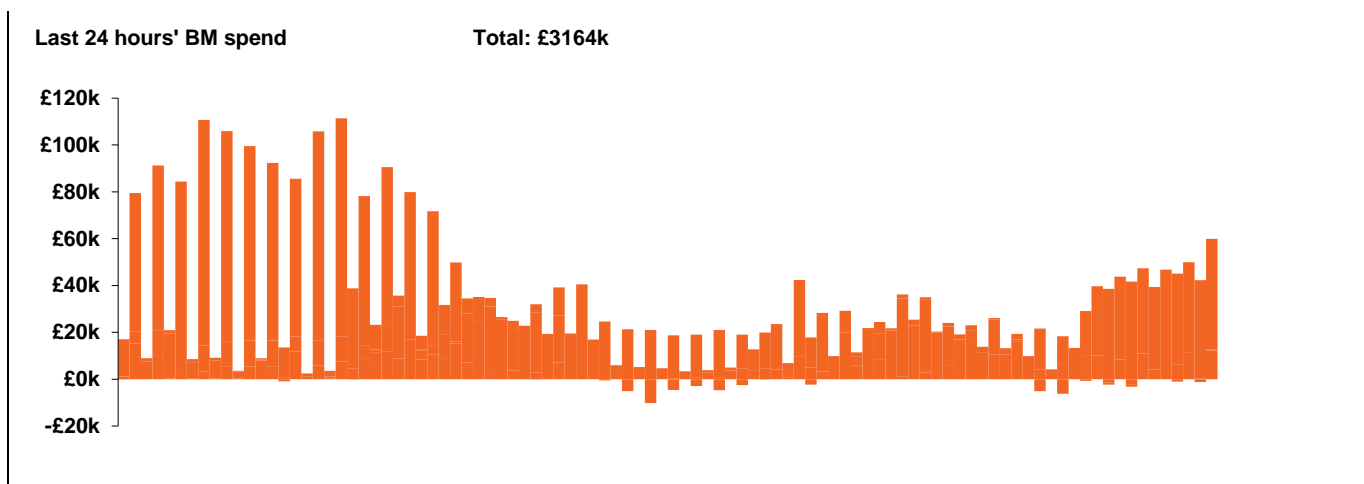


national**grid**ESO

**National Electricity Transmission System Status Report**  
Thursday 30 January 2020

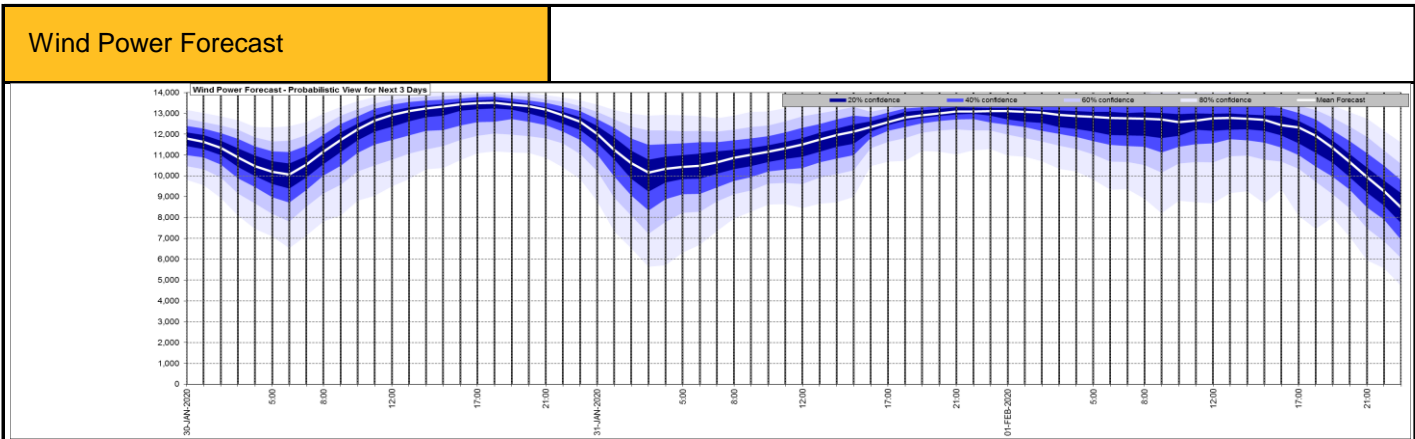
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<a href="#">Today's Minimum De-Rated Margin</a>	10730 (SP 36)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£51.00/MWh (SP 35-36)
<a href="#">Cash Out Price (Min)</a>	£0.00 /MWh (SP 46)
<a href="#">Peak Demand Yesterday</a>	42,896MW

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.



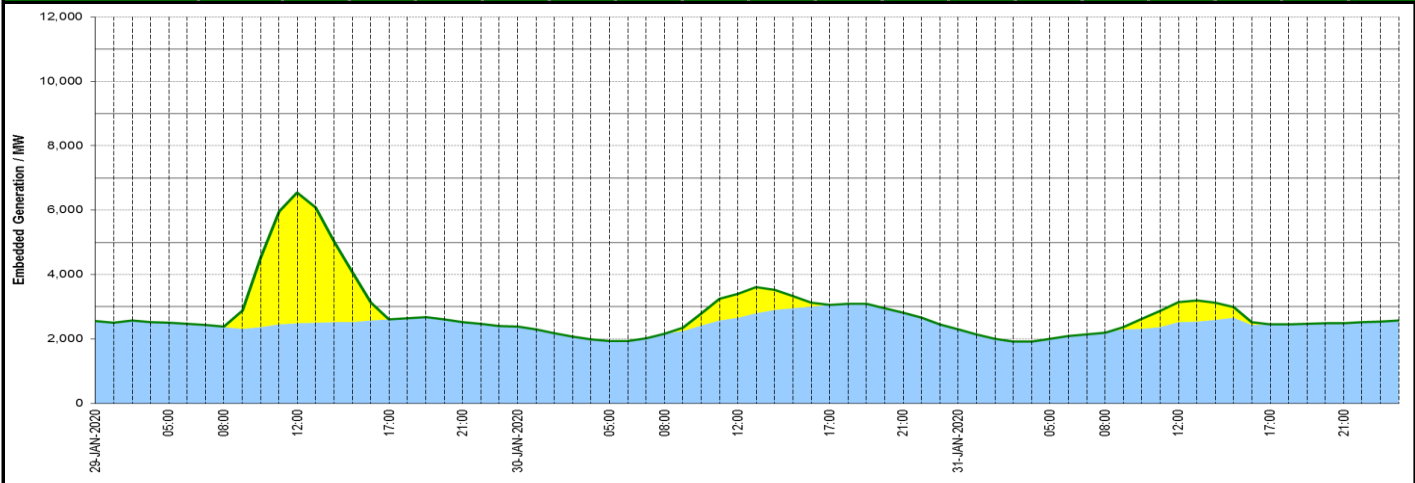
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	29-JAN-2020					30-JAN-2020					31-JAN-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	4060	8	0	0	0	0	734	0	0	0	0	0	620	0	0
Wind (MW)	2502	2376	2486	2607	2518	2379	1944	2154	2663	3064	2812	2304	2006	2200	2526	2446	2497
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2502</b>	<b>2381</b>	<b>6546</b>	<b>2615</b>	<b>2518</b>	<b>2379</b>	<b>1944</b>	<b>2154</b>	<b>3397</b>	<b>3064</b>	<b>2812</b>	<b>2304</b>	<b>2006</b>	<b>2200</b>	<b>3146</b>	<b>2446</b>	<b>2497</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 or drizzle affecting most parts with extensive low cloud and mist in the south. Brighter skies following from the northwest with blustery showers in the far north. Windy in the north with gales on coasts and hills. Very mild.</p> <p><b>Tonight:</b> Drizzle and low cloud clearing southeastwards, whilst showers in the far north die out. Most parts dry for a while, but further rain arriving in the west later.</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> No weather warnings are in force for the UK</p> <p><b>Flood warnings</b> There are 0 flood warnings and 37 Flood Alerts in England and 3 in Scotland. There are no flood warnings in 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>