

**National Electricity  
Transmission System Status Report**

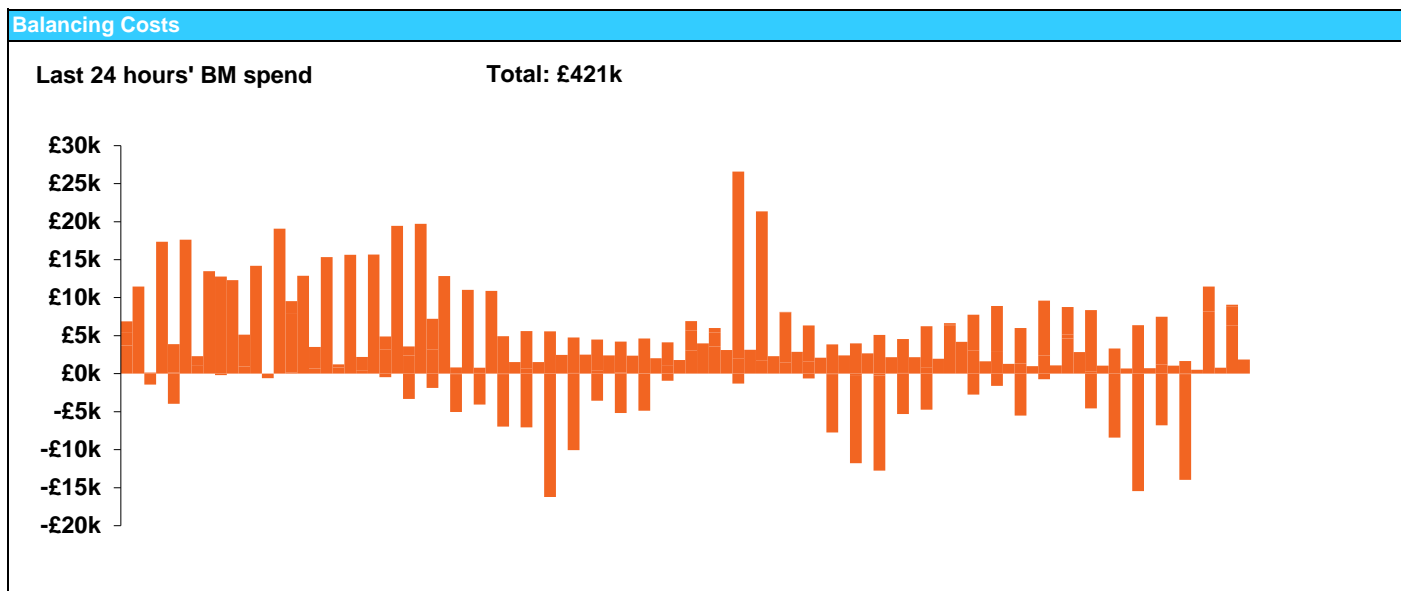


national**grid**ESO

**National Electricity Transmission System Status Report**  
Tuesday 16 July 2019

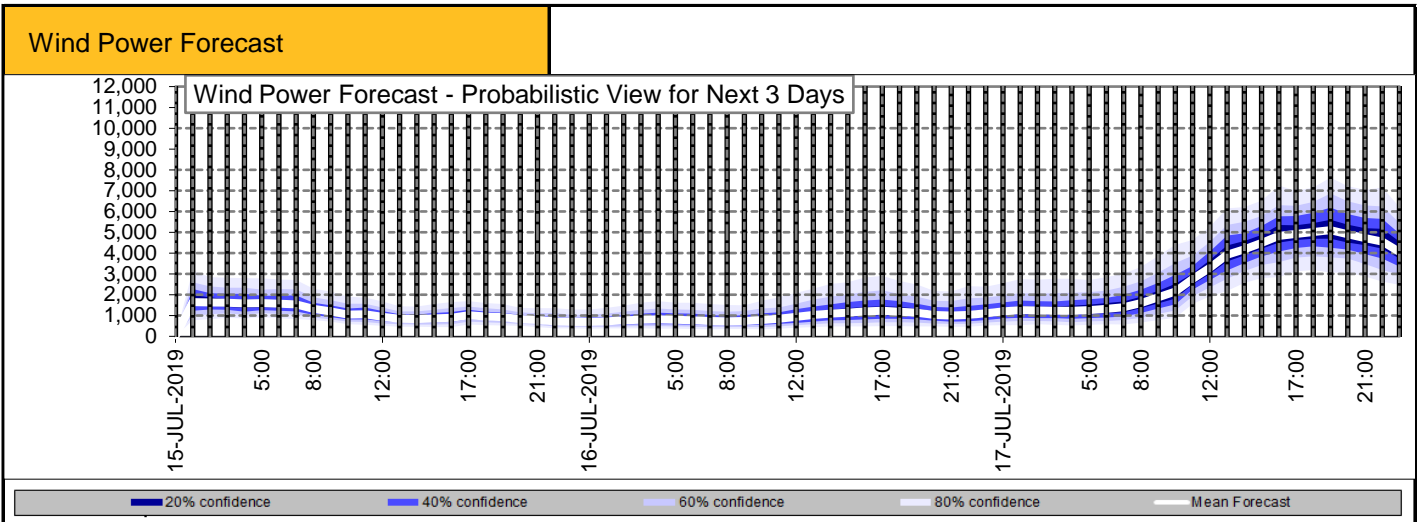
Today's High Level Risk Status Forecast for the next 24 hours			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<a href="#">Today's Minimum De-Rated Margin</a>	1410.61 MW (S37)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£54.00 (SP1, 13)
<a href="#">Cash Out Price (Min)</a>	£00.00 (SP 32)
<a href="#">Peak Demand Yesterday</a>	32,885

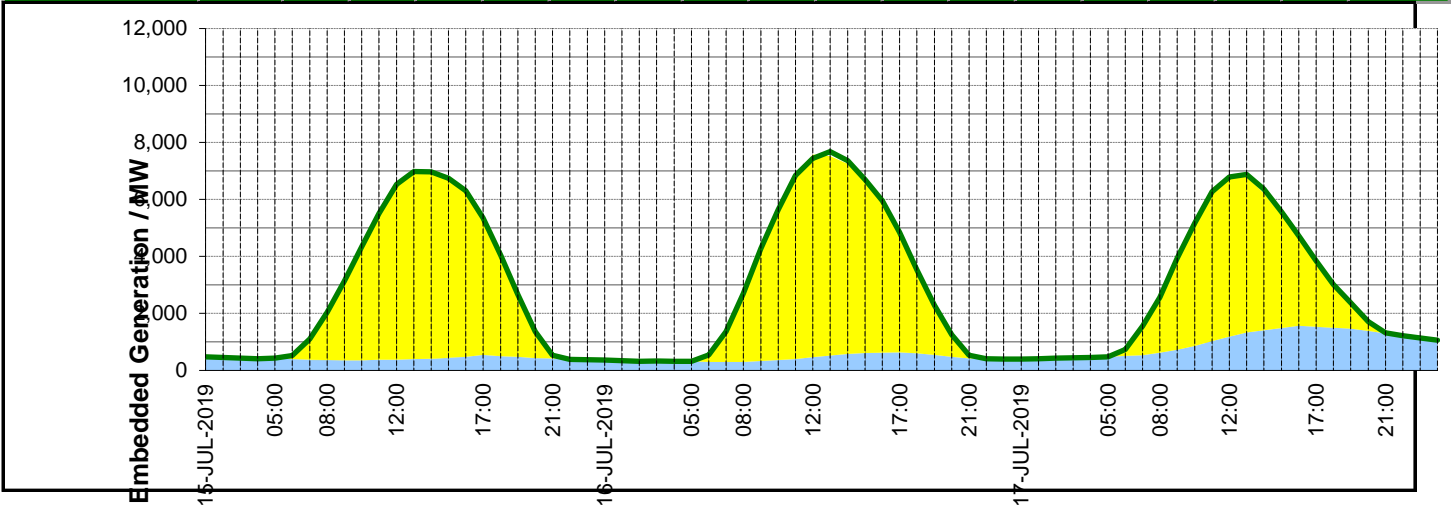
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	380	450	Partially available.



**Expected embedded generation (MWs)**

Embedded Generation Forecast

	15-JUL-2019					16-JUL-2019					17-JUL-2019						
	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
<b>Solar (MW)</b>	0	1680	6150	4810	114	2	0	2442	7111	4258	113	0	0	2058	5626	2327	17
<b>Wind (MW)</b>	429	362	381	542	419	359	320	299	468	635	426	401	483	620	1182	1533	1301
<b>STOR (MW)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	429	2042	6531	5352	533	361	320	2703	7443	4852	530	401	483	2572	6793	3851	1319



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> Plenty of dry weather with good sunny spells for most. However, some showers are likely to develop across Northern Ireland and Scotland, where locally heavy. A few showers are likely for Wales and the Midlands. Feeling rather warm for most.</p> <p><b>Tonight:</b> Showers soon fading to leave a largely dry night, with clear spells. Some isolated fog patches, mainly in the west. Rain and a freshening breeze arriving into far northwest later.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office Weather</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Weather Warnings:</b> No weather warnings are in force for the UK</p> <p><b>Flood Warnings:</b> No flood warnings are currently in force for England and 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>