

**National Electricity  
Transmission System Status Report**

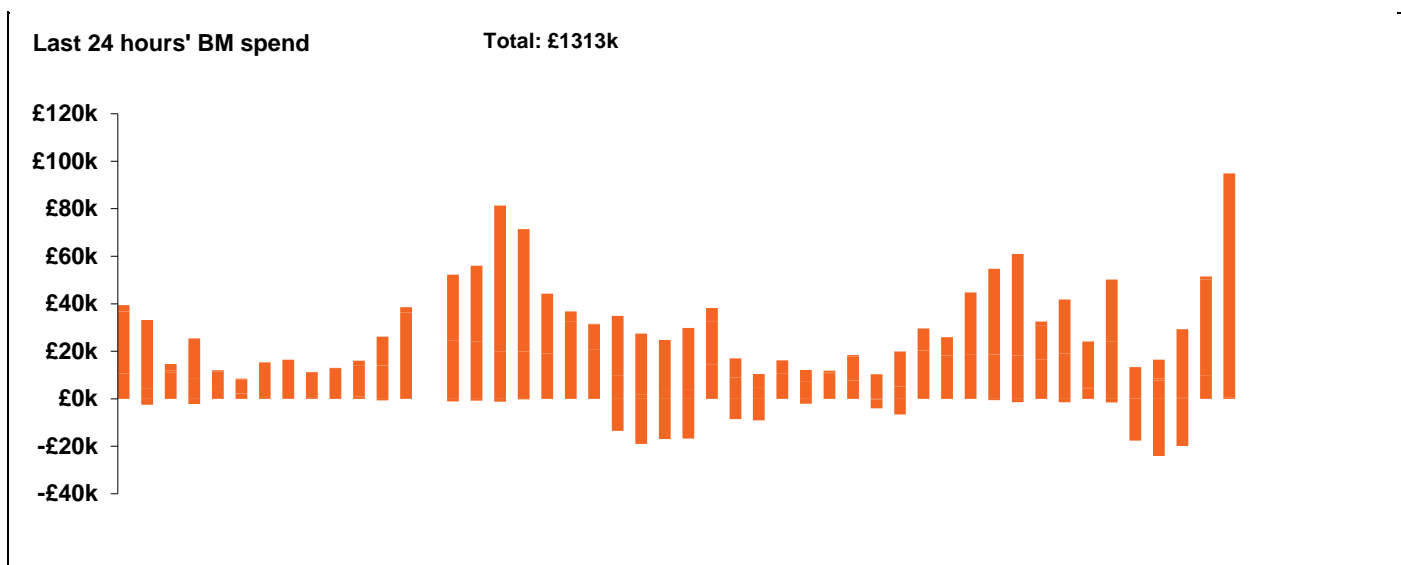


national**grid**ESO

**National Electricity Transmission System Status Report**  
Thursday 05 August 2021

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>	7975.40 (SP18)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

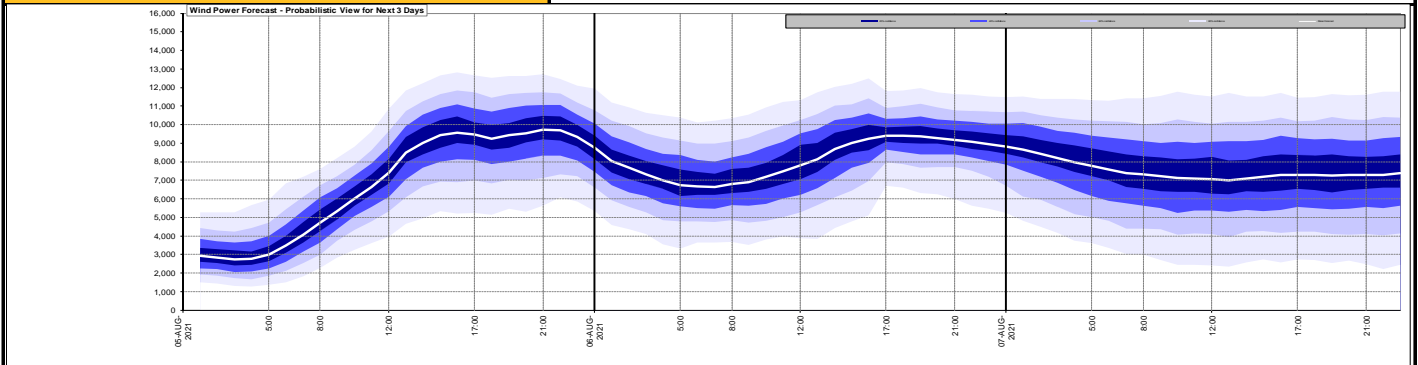


Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£139.50/MWh (SP39)
<a href="#">Cash Out Price (Min)</a>	£38.00/MWh (SP33)
<a href="#">Peak Demand Yesterday</a>	30,666 MW

**Interconnectors  
Net Transfer Capacity (MWs)**

Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available

**Wind Power Forecast**

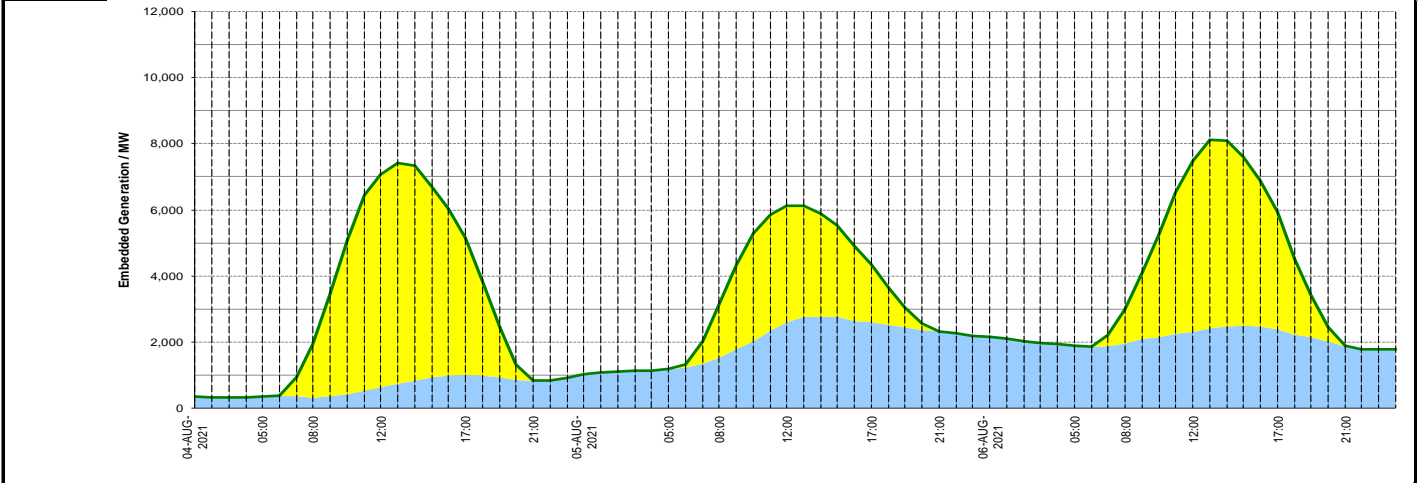


Key:  
■ 20% confidence    ■ 40% confidence    ■ 60% confidence    ■ 80% confidence    — Mean Forecast

**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	04-AUG-2021					05-AUG-2021					06-AUG-2021							
	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	0	1620	6430	4150	10	0	0	1588	3525	1754	0	0	0	1040	5156	3538	0
Wind (MW)	1742	354	319	638	999	820	1018	1174	1535	2604	2589	2318	2150	1895	1948	2311	2385	1875
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1742</b>	<b>354</b>	<b>1939</b>	<b>7068</b>	<b>5149</b>	<b>830</b>	<b>1018</b>	<b>1174</b>	<b>3123</b>	<b>6129</b>	<b>4343</b>	<b>2318</b>	<b>2150</b>	<b>1895</b>	<b>2988</b>	<b>7467</b>	<b>5923</b>	<b>1875</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> Sunny intervals in the east at first, but generally rather cloudy. Early rain, heavy at times, in the west spreads eastwards, just parts of the very far east escaping this rain. Heavy showers, some thundery, follow into the west later.</p> <p><b>Tonight:</b> Rather cloudy and unsettled with showery rain at times in many areas, rain heavy at times. Some more persistent heavy rain develops over parts of eastern Scotland. Very mild.</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></p> <p><b>Yellow warning of thunderstorms</b>  <b>Areas affected:</b> Northern Ireland  <b>Starts:</b> 13:00 BST on Thu 5 August  <b>Ends:</b> 22:00 BST on Thu 5 August            Heavy slow moving thunderstorms will give a risk of flooding and travel disruption.</p> <p><b>Yellow warning of thunderstorms</b>  <b>Areas affected:</b> Central, Tayside &amp; Fife   East Midlands   North East England   North West England   Northern Ireland   SW Scotland, Lothian Borders   Strathclyde   Wales   West Midlands   Yorkshire &amp; Humber  <b>Starts:</b> 10:00 BST on Fri 6 August  <b>Ends:</b> 09:00 BST on Sat 7 August            Slow moving thundery downpours may cause localised surface water impacts.</p> <p><b>Flood Warnings:</b>            0 Flood Warnings and 0 Flood Alerts issued for England.             0 Flood Warnings and 5 Flood Alerts issued for Scotland.             0 Flood Warnings and 0 Flood Alerts issued for Wales.</p>

*Contains public sector information licensed under the Open Government Licence v1.0*

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>