

**National Electricity  
Transmission System Status Report**

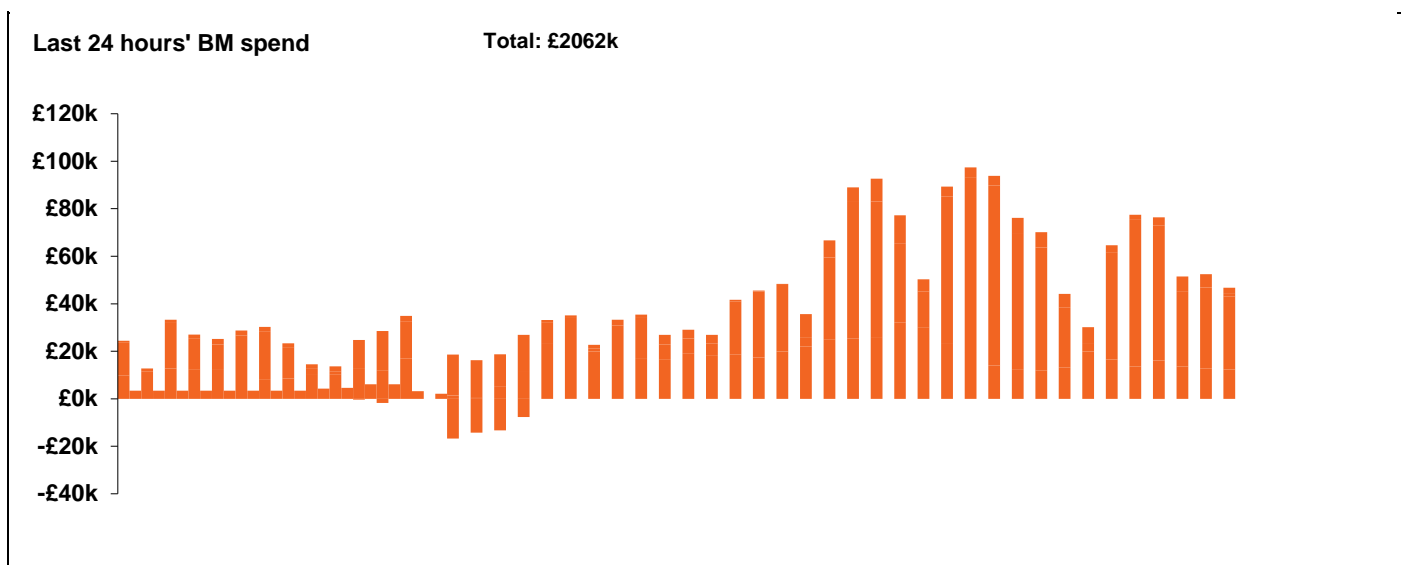


national**grid**ESO

**National Electricity Transmission System Status Report**  
Tuesday 20 July 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			

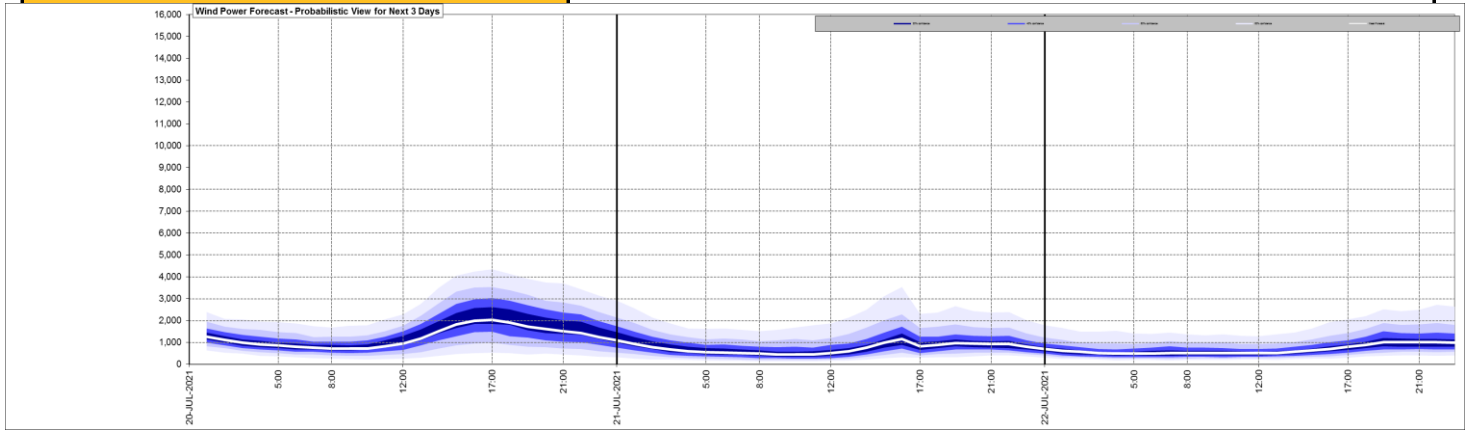
<a href="#">Today's Minimum De-Rated Margin</a>	2831.82 (SP 38)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£155MWh ( SP 36-38)
<a href="#">Cash Out Price (Min)</a>	£53.50MWh (SP15)
<a href="#">Peak Demand Yesterday</a>	32,769MWh

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

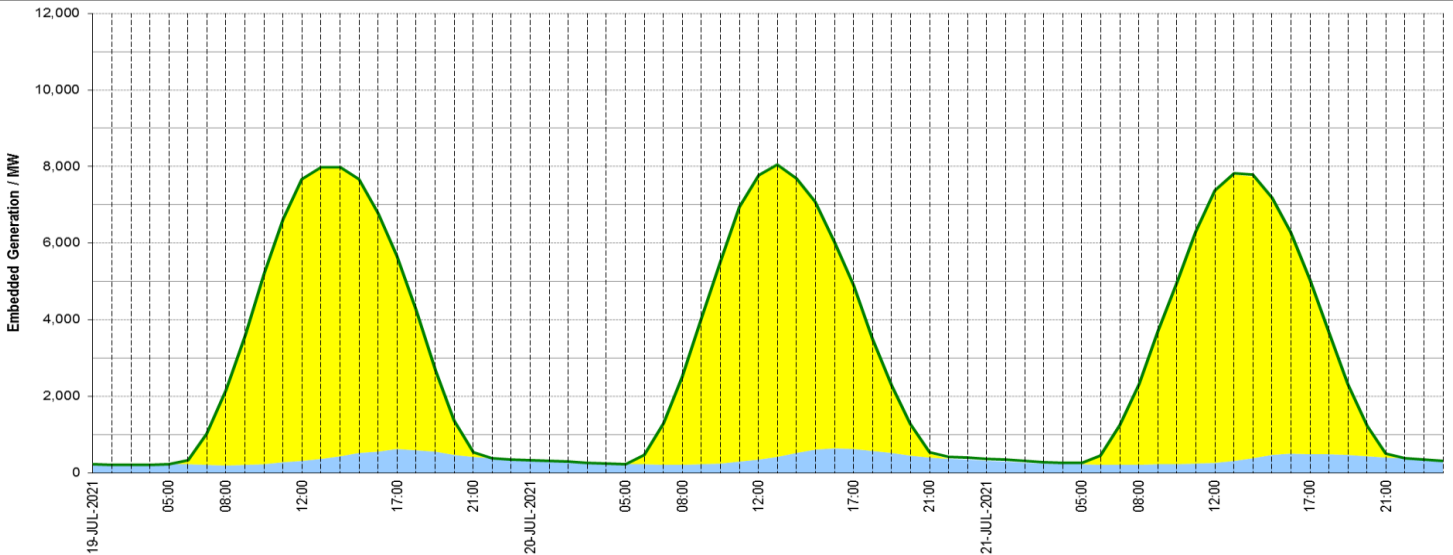
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	19-JUL-2021					20-JUL-2021					21-JUL-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	1970	7350	5050	123	0	0	2299	7423	4191	96	0	0	2083	7079	4611	126
Wind (MW)	226	194	321	618	419	323	233	213	344	626	401	313	227	211	269	485	399
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>226</b>	<b>2164</b>	<b>7671</b>	<b>5668</b>	<b>542</b>	<b>325</b>	<b>233</b>	<b>2510</b>	<b>7779</b>	<b>4884</b>	<b>543</b>	<b>366</b>	<b>257</b>	<b>2313</b>	<b>7378</b>	<b>5045</b>	<b>511</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> Good deal of cloud affecting coastal districts in the north, whilst other areas will have a good deal of sunshine and turning hot again across central, southern and western parts. Risk of thunderstorms developing over eastern areas of England later.</p> <p><b>Tonight:</b> Heavy showers and thunderstorms over east and southeast England slowly fading, then dry with clear periods, but low cloud and hill fog affecting northeast England and eastern Scotland.</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> Amber Warning Extreme Heat Mon 19 16:05 - Thu 22 23:59</p>
		<p><b>Flood Warnings:</b> 0 Flood Warnings issued for England. 0 Flood Warnings issued for Scotland 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>
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