

**National Electricity  
Transmission System Status Report**



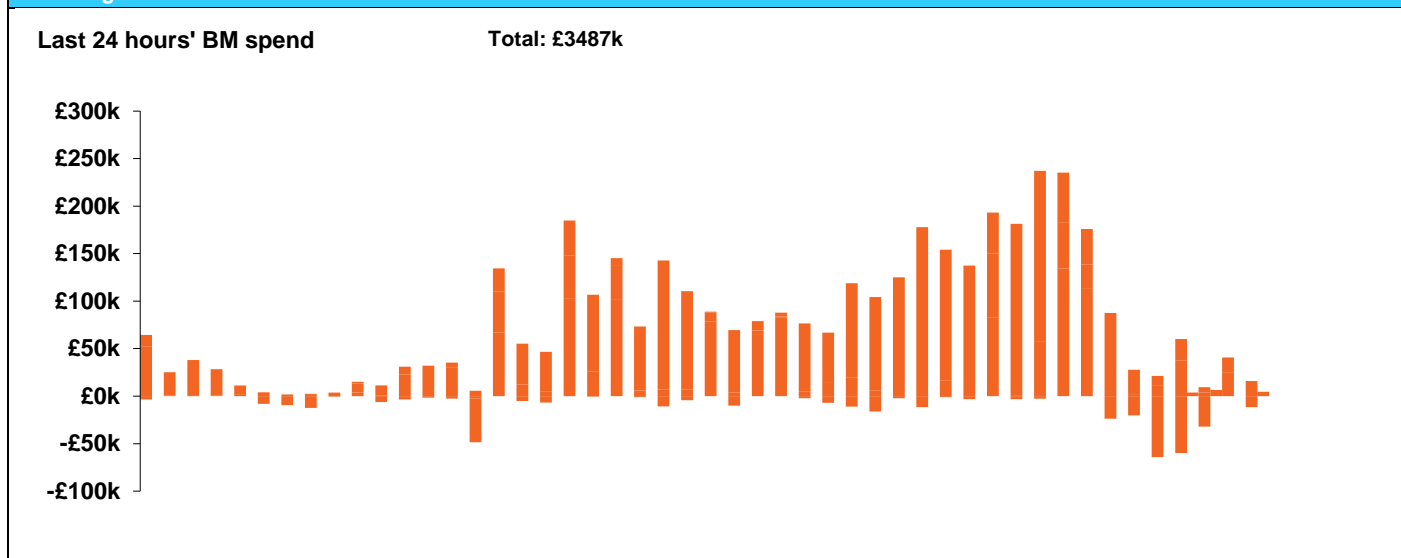
national**grid**ESO

**National Electricity Transmission System Status Report**  
Saturday 11 September 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			

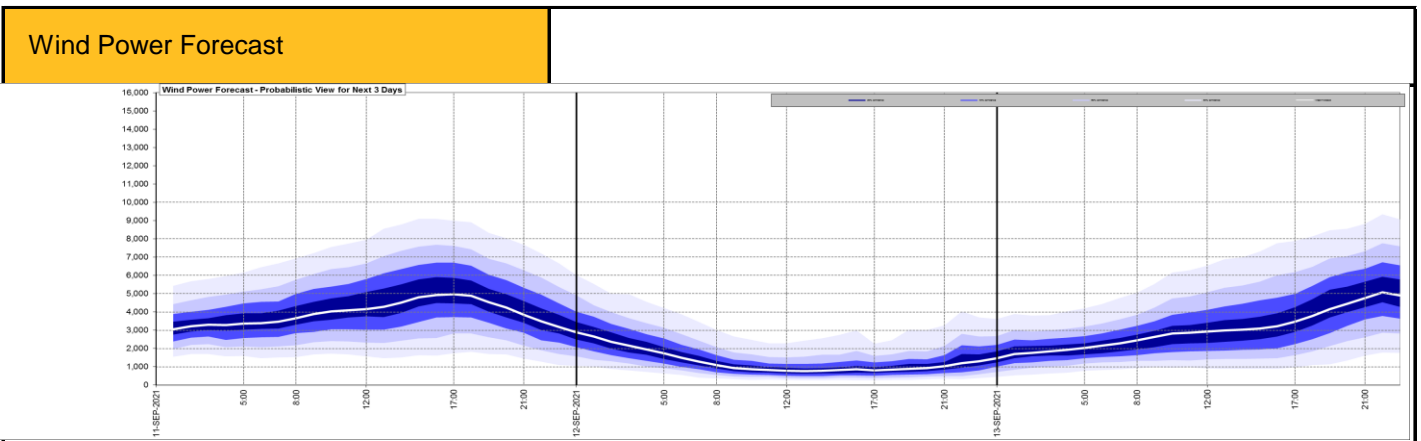
<a href="#">Today's Minimum De-Rated Margin</a>	5791 MW (SP41)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

**Balancing Costs**



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£455/MWh (SP41)
<a href="#">Cash Out Price (Min)</a>	£90/MWh (SP 15)
<a href="#">Peak Demand Yesterday</a>	32,546

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Bipole 2 on planned outage
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
NSL	0	0	Not Available / Commissioning
ElecLink	0	0	Not Available / Commissioning



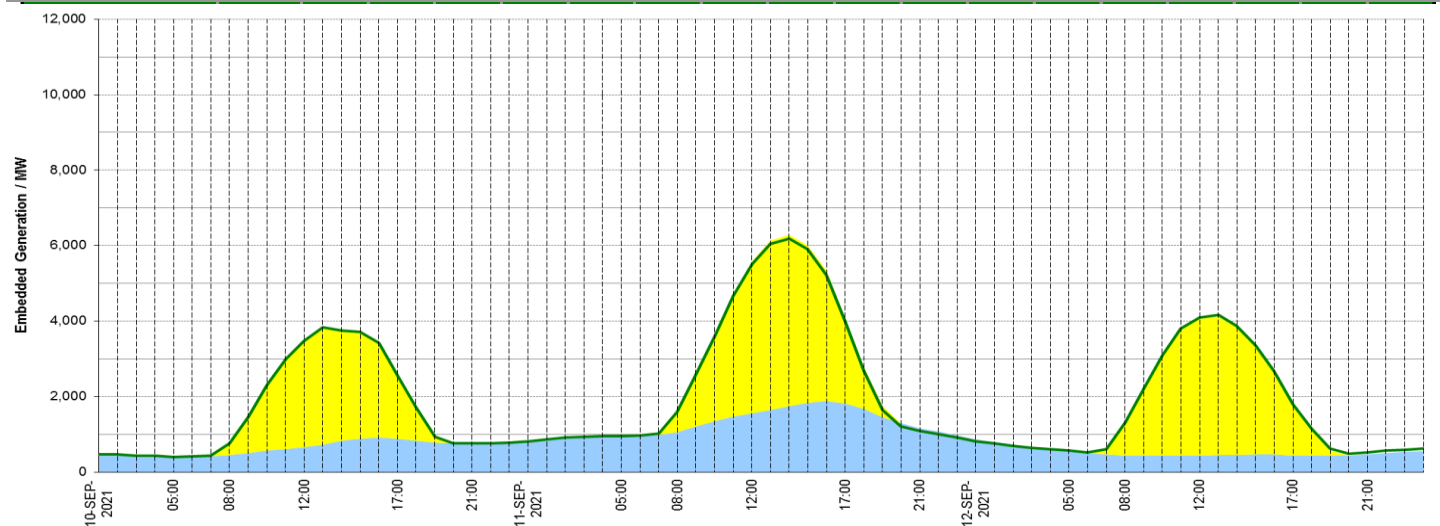
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	10-SEP-2021					11-SEP-2021					12-SEP-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	310	2810	1700	0	0	0	539	4021	2249	0	0	0	857	3619	1321	0
Wind (MW)	401	448	663	878	755	811	950	1060	1554	1817	1162	866	564	436	434	432	463
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>401</b>	<b>758</b>	<b>3473</b>	<b>2578</b>	<b>755</b>	<b>811</b>	<b>959</b>	<b>1589</b>	<b>5518</b>	<b>3967</b>	<b>1088</b>	<b>814</b>	<b>568</b>	<b>1309</b>	<b>4091</b>	<b>1795</b>	<b>519</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> Many areas starting quite cloudy but a better chance of seeing some sunshine at times by afternoon. A few showers scattered around, but these mostly light. Parts of northern Scotland wet and cool, with some heavy rain, easing later.</p> <p><b>Tonight:</b> Rain across northeast UK continuing to ease. Many areas dry with some clear spells; perhaps turning chilly in north. Southwest corners of England and Wales may see patchy rain 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> None</p> <p><b>Flood Warnings:</b> 0 Flood Warnings and 1 Flood Alerts issued for England. 0 Flood Warnings and 11 Flood Alerts issued for Scotland. 0 Flood Warnings and 0 Flood Alerts issued for 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>