

**National Electricity  
Transmission System Status Report**



national**grid**ESO

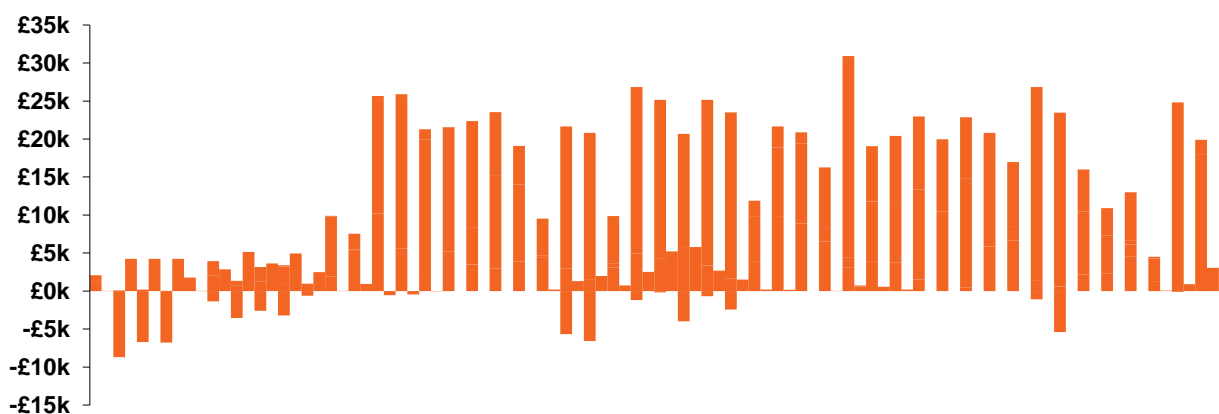
**National Electricity Transmission System Status Report**  
Saturday 03 August 2019

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>	7,858 MW (SP 22)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1000MW
	Demand	560MW

**Balancing Costs**

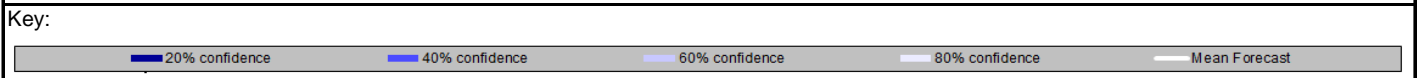
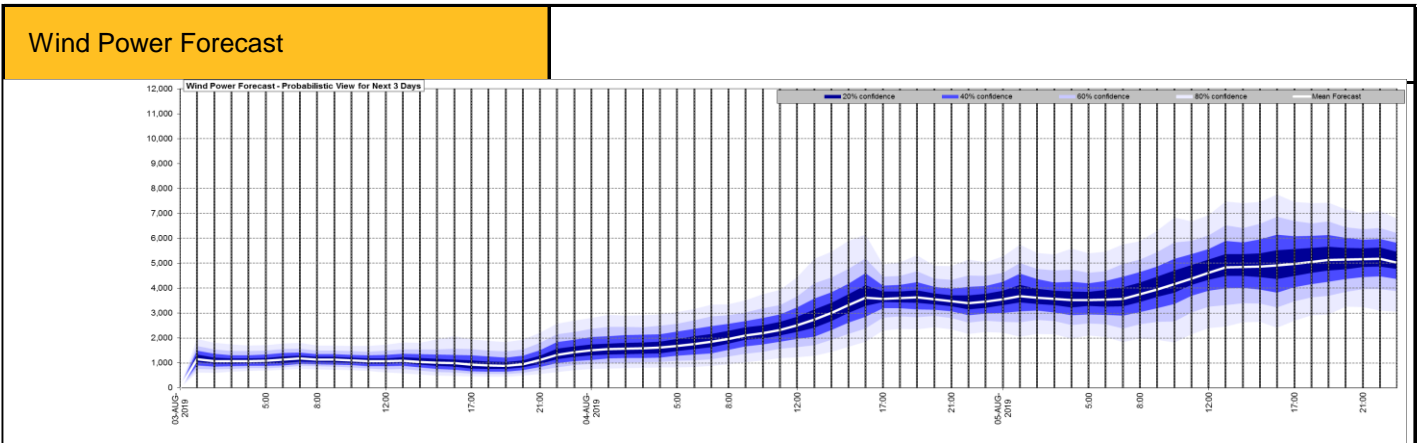
Last 24 hours' BM spend Total: £760k



**Yesterday's Market Summary**

<a href="#">Cash out price (Max)</a>	£73.50/MWh (SP29 & 31)
<a href="#">Cash Out Price (Min)</a>	£25.50/MWh (SP7)
<a href="#">Peak Demand Yesterday</a>	31, 048 MW

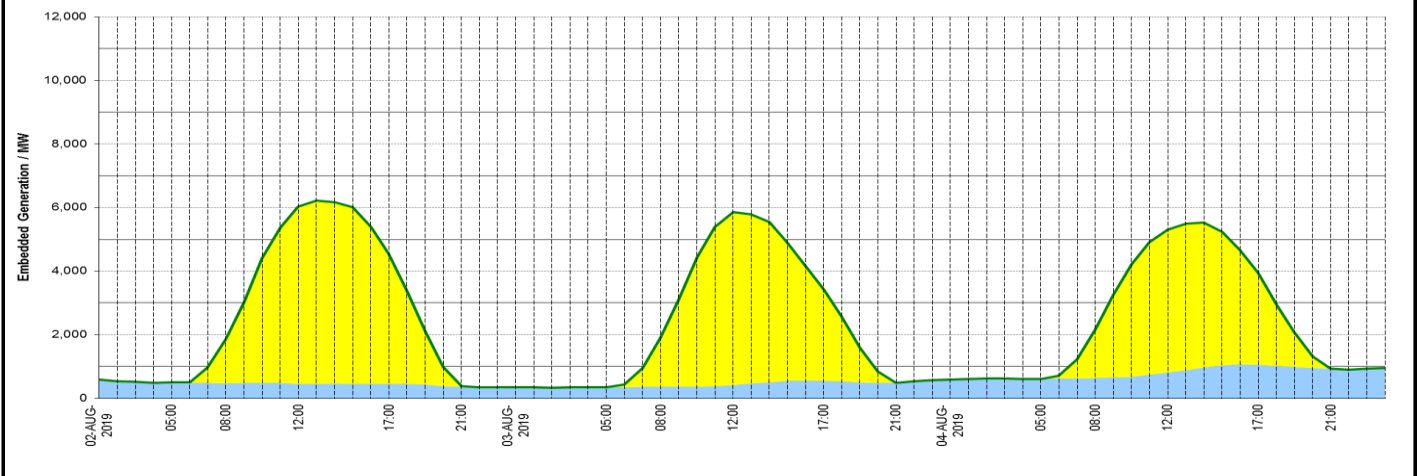
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	02-AUG-2019					03-AUG-2019					04-AUG-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
Solar (MW)	0	1390	5580	4100	31	0	0	1543	5440	2854	0	0	0	1538	4489	2873	0
Wind (MW)	500	475	446	452	357	340	344	359	421	560	486	582	610	634	817	1063	931
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>500</b>	<b>1865</b>	<b>6026</b>	<b>4552</b>	<b>388</b>	<b>340</b>	<b>344</b>	<b>1902</b>	<b>5861</b>	<b>3414</b>	<b>486</b>	<b>582</b>	<b>610</b>	<b>2172</b>	<b>5306</b>	<b>3936</b>	<b>931</b>



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources</a>	<p><b>Today:</b> Most areas will enjoy spells of sunshine on Saturday, once any fog patches clear. Scattered showers will develop once again, mostly across northern and western areas where they could be heavy and possibly thundery. Warm and rather humid.</p> <p><b>Tonight:</b> Showers will continue across parts of the north and west, along with more persistent rain for Northern Ireland. Mainly dry in the south and east with patchy mist and fog.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office Weather</a>	<p><b>Weather Warnings:</b> Yellow warning of thunderstorms</p> <p>Areas affected: Central, Tayside &amp; Fife   East Midlands   Grampian   Highlands &amp; Eilean Siar   North East England   North West England   SW Scotland, Lothian Borders   Strathclyde   West Midlands   Yorkshire &amp; Humber</p> <p>Starts: 12:00 BST on Sun 4 August</p> <p>Ends: 22:00 BST on Sun 4 August Scattered heavy showers and thunderstorms may cause some transport disruption and flooding on Sunday.</p> <ul style="list-style-type: none"> <li>- There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater and lightning strikes</li> <li>- There is a small chance of fast flowing or deep floodwater causing danger to life</li> <li>- Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services</li> <li>- There is a small chance that some communities become cut off by flooded roads</li> </ul>
	<a href="#">SEPA</a> <a href="#">Natural Resources</a> <a href="#">Wales</a>	<p><b>Flood Warnings:</b> None</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>