

**National Electricity  
Transmission System Status Report**



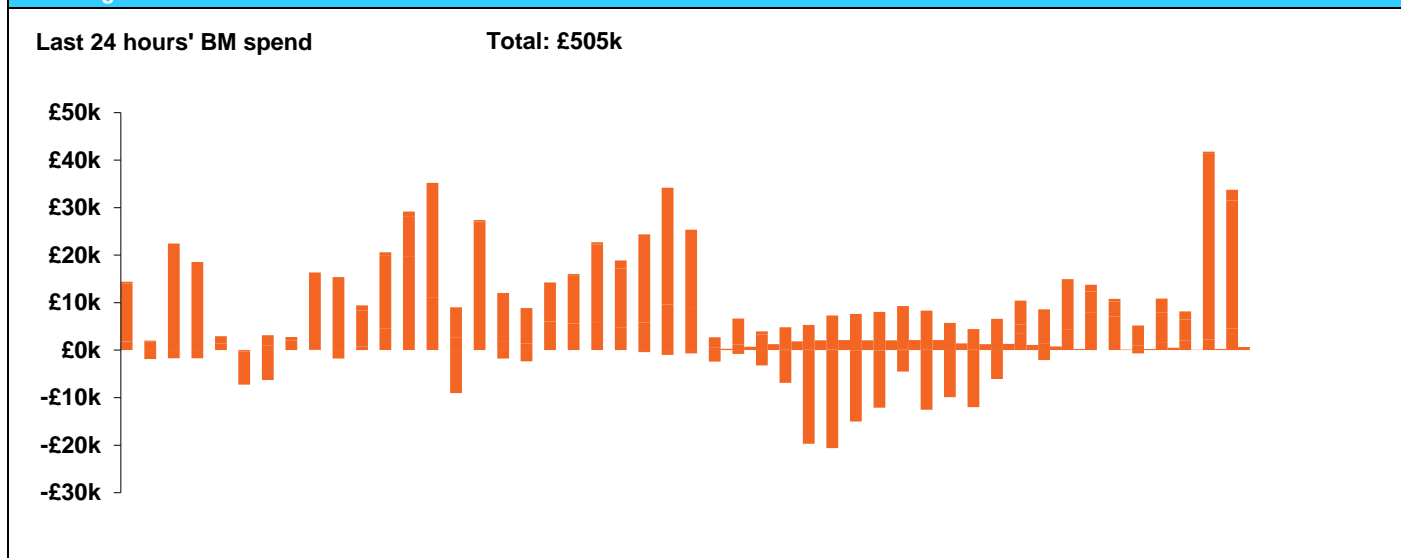
national**grid**ESO

**National Electricity Transmission System Status Report**  
Saturday 13 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			

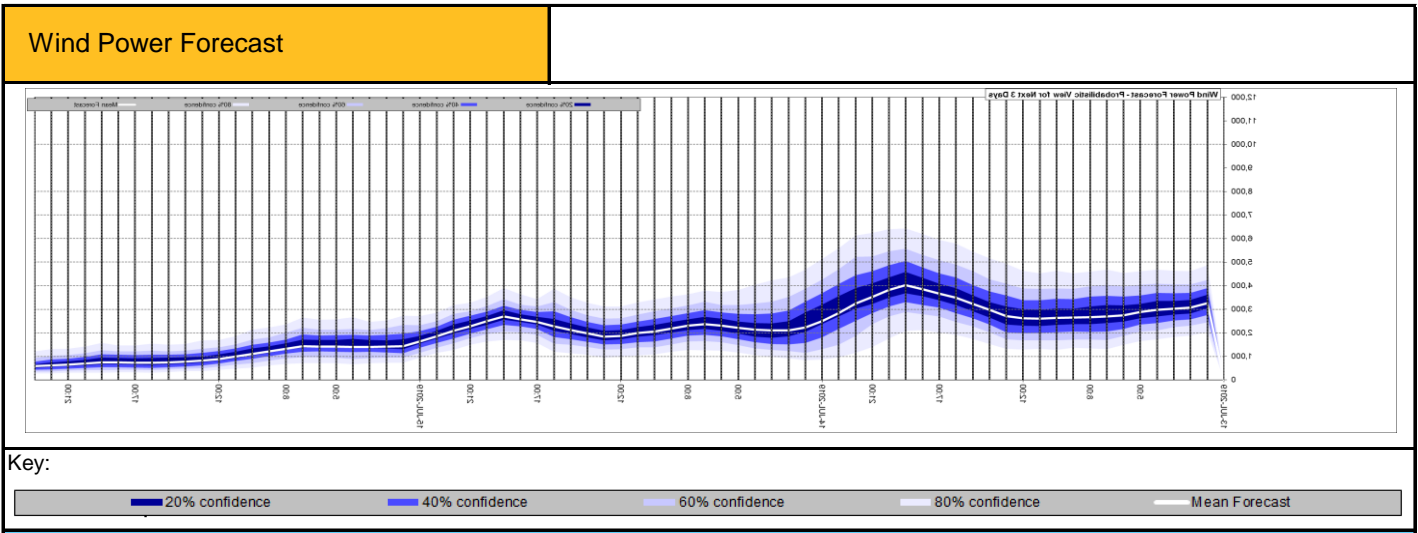
<a href="#">Today's Minimum De-Rated Margin</a>	6788.34 MW (SP 27)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

**Balancing Costs**



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£61.40 (SP 36,39)
<a href="#">Cash Out Price (Min)</a>	£21.91 (SP 14)
<a href="#">Peak Demand Yesterday</a>	33,181

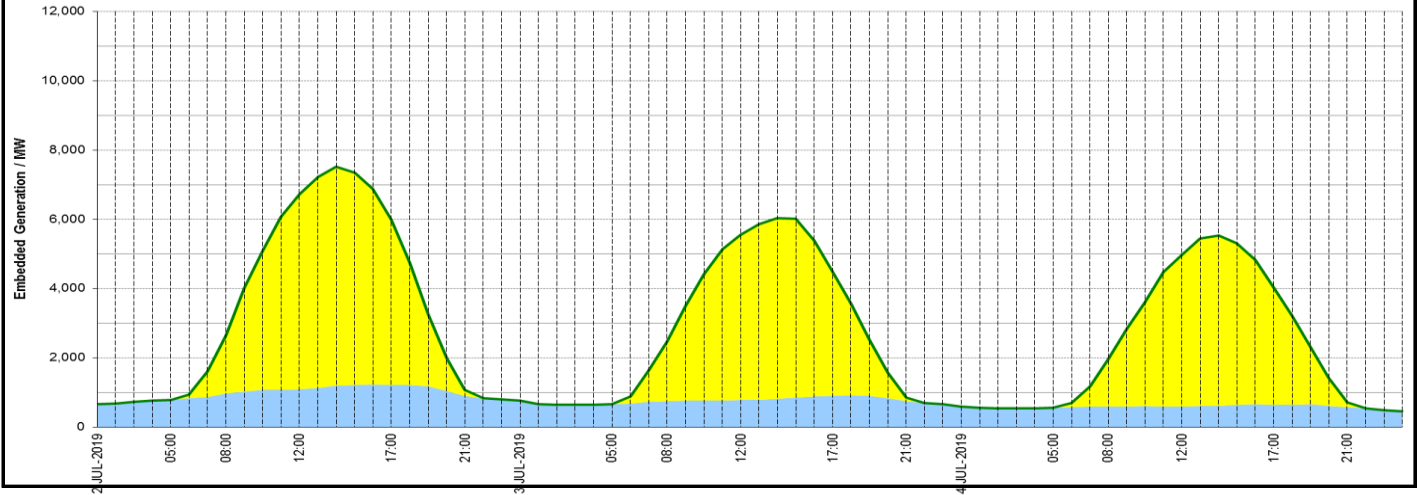
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	380	450	Partially available.



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	12-JUL-2019					13-JUL-2019					14-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
Solar (MW)	0	1700	5630	4770	178	2	0	1727	4774	3592	111	0	0	1361	4393	3374	144
Wind (MW)	786	965	1098	1211	901	770	665	755	777	904	741	595	560	595	594	647	569
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>786</b>	<b>2665</b>	<b>6728</b>	<b>5981</b>	<b>1079</b>	<b>772</b>	<b>665</b>	<b>2481</b>	<b>5549</b>	<b>4495</b>	<b>852</b>	<b>595</b>	<b>560</b>	<b>1956</b>	<b>4987</b>	<b>4021</b>	<b>713</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> Largely dry with sunny spells, sunniest in the south. Cloudier at times down North Sea coasts and the far northwest of Scotland. Some scattered showers are possible, mainly over hills of Scotland and northern England. Feeling warm in the sunshine.</p> <p><b>Tonight:</b> Any showers quickly fading. Dry with clear spells overnight, but areas of cloud developing over eastern, southern and central parts. Some mist or fog patches are possible in Northern Ireland.</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>