

**National Electricity  
Transmission System Status Report**



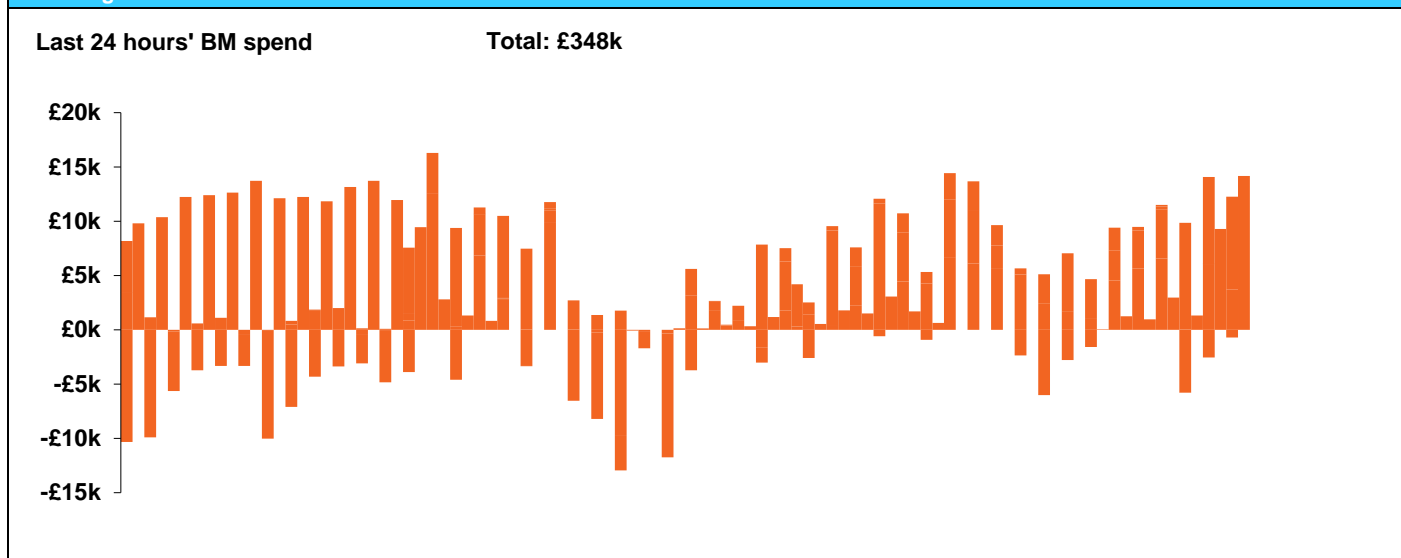
national**grid**ESO

**National Electricity Transmission System Status Report**  
Friday 05 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>	9690.37 MW (SP 45)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

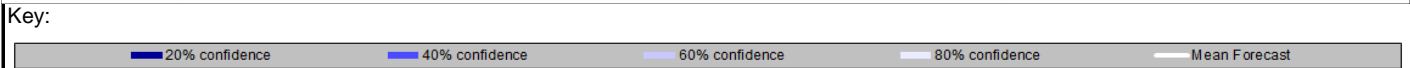
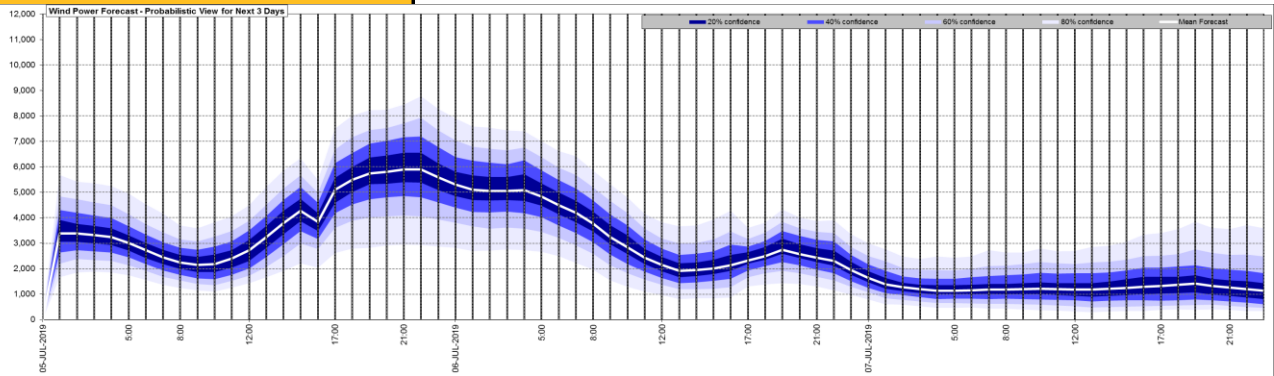
**Balancing Costs**



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£63.50/MWh (SP33 & 34)
<a href="#">Cash Out Price (Min)</a>	£06.00/MWh (SP22)
<a href="#">Peak Demand Yesterday</a>	31,732 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.

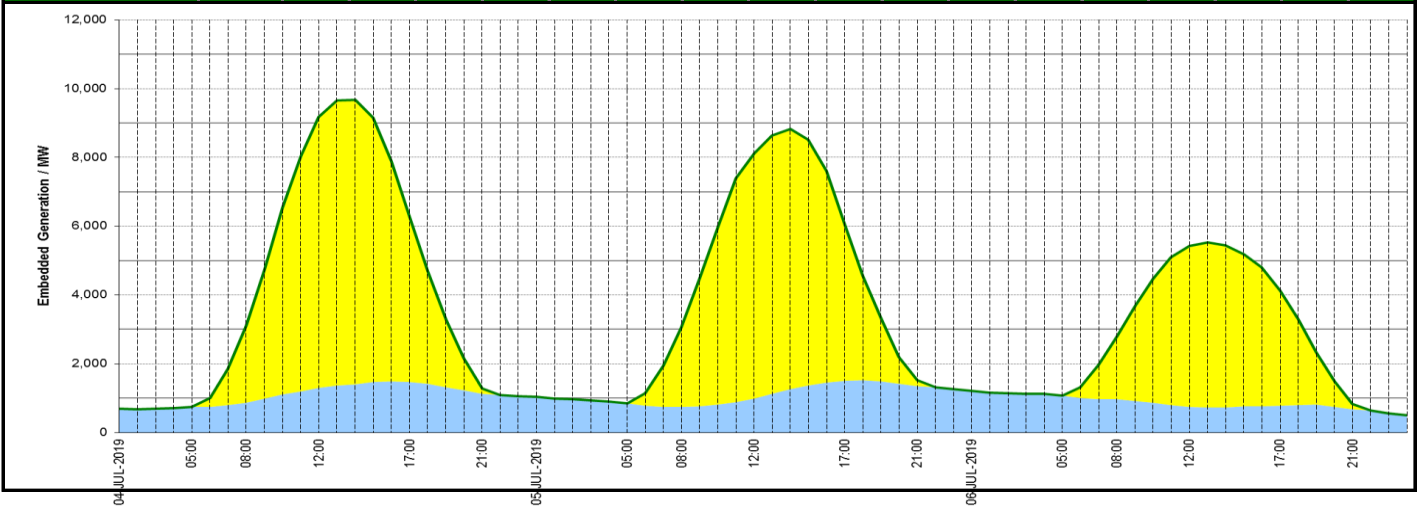
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	03-JUL-2019					04-JUL-2019					05-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)	3	2400	6550	5470	263	0	13	2973	8097	4495	158	0	0	2192	7024	4524	207
Wind (MW)	635	584	660	938	885	735	716	859	1291	1556	1188	1038	846	798	1013	1508	1360
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>638</b>	<b>2984</b>	<b>7210</b>	<b>6408</b>	<b>1148</b>	<b>735</b>	<b>729</b>	<b>3832</b>	<b>9388</b>	<b>6051</b>	<b>1346</b>	<b>1038</b>	<b>846</b>	<b>2990</b>	<b>8037</b>	<b>6032</b>	<b>1567</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> Most of England and Wales will have warm sunshine throughout. Blue skies will be interspersed only with patches of high cloud. Across Northern Ireland, Scotland and northern England, lower cloud will bring patchy rain, sometimes heavier across northern Scotland</p> <p><b>Tonight:</b> Central and southern areas will stay sunny into the evening. Cloud, rain and a brisk breeze in Scotland will slowly move into northern England overnight, leaving clearer skies further north</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>
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