

**National Electricity  
Transmission System Status Report**



national**grid**ESO

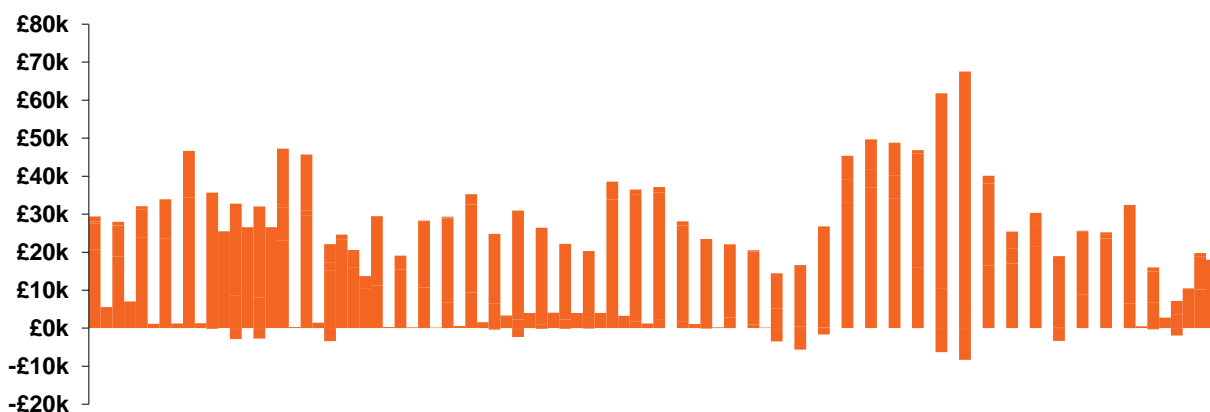
**National Electricity Transmission System Status Report**  
Thursday 17 October 2019

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="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

**General Status / Issues / Breaking News**

**Last 24 hours' BM spend** **Total: £1650k**

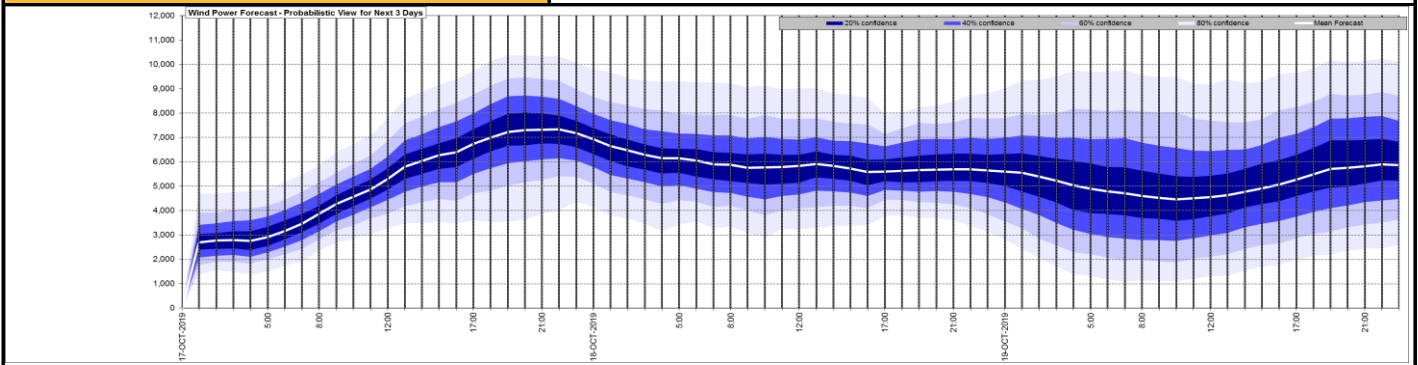


**Yesterday's Market Summary**

<a href="#">Cash out price (Max)</a>	£92.56/MWh (SP 38)
<a href="#">Cash Out Price (Min)</a>	£21.21/MWh (SP 7,8)
<a href="#">Peak Demand Yesterday</a>	39,555 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Pole 1 fault 15/10/19 expected to rts today
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

### Wind Power Forecast



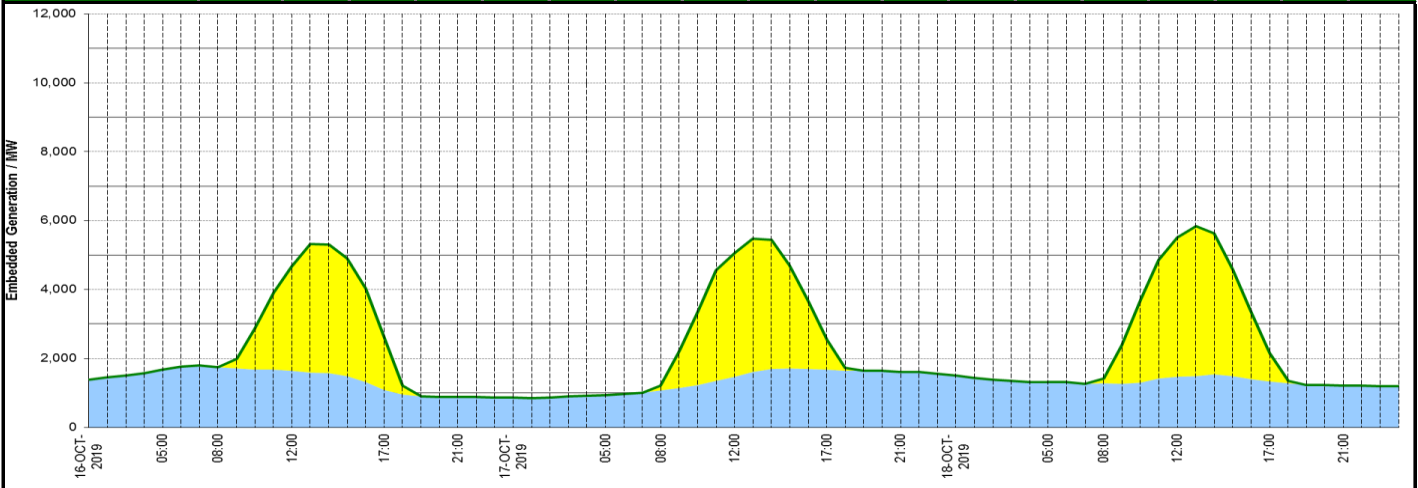
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	16-OCT-2019					17-OCT-2019					18-OCT-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	4	3020	1560	0	0	0	143	3586	862	0	0	0	143	4039	834	0
Wind (MW)	1673	1741	1642	1085	881	868	936	1076	1476	1673	1616	1499	1321	1279	1467	1335	1214
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1673</b>	<b>1745</b>	<b>4662</b>	<b>2645</b>	<b>881</b>	<b>868</b>	<b>936</b>	<b>1219</b>	<b>5062</b>	<b>2535</b>	<b>1616</b>	<b>1499</b>	<b>1321</b>	<b>1422</b>	<b>5506</b>	<b>2169</b>	<b>1214</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> Sunshine and showers for most, with the north and east seeing the best of the sunshine and dry weather after any early fog clears. Showers becoming more frequent and heavier, particularly in the south and west, during the day.</p> <p><b>Tonight:</b> Becoming windier in the south with areas of rain and showers moving northeast across the UK during the night. Northern Ireland seeing the driest conditions.</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 Warning:</b> There are 39 Flood Warnings issued for England</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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