

**National Electricity  
Transmission System Status Report**



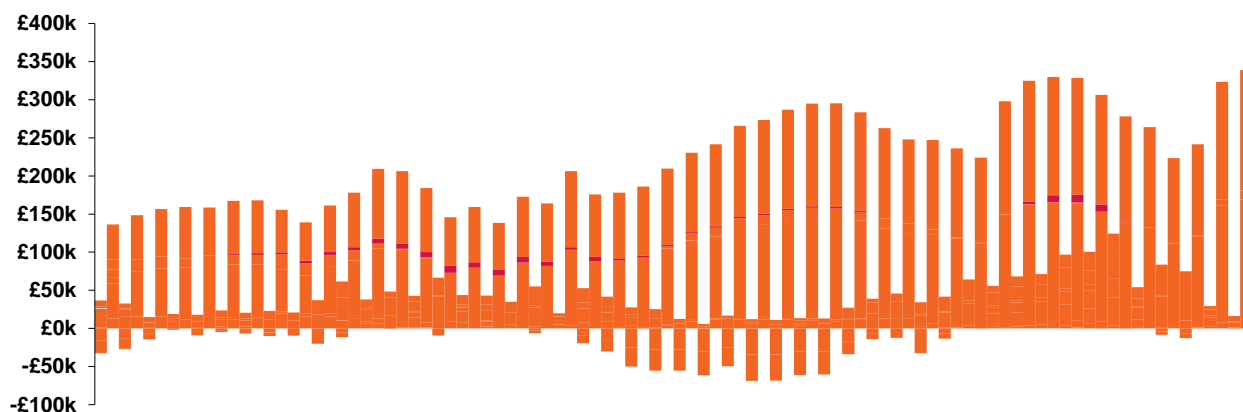
**National Electricity Transmission System Status Report**  
Tuesday 16 April 2019

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>	7085 MW (SP 38)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

**Balancing Costs**

Last 24 hours' ENCC BM spend **Total: £5872k**

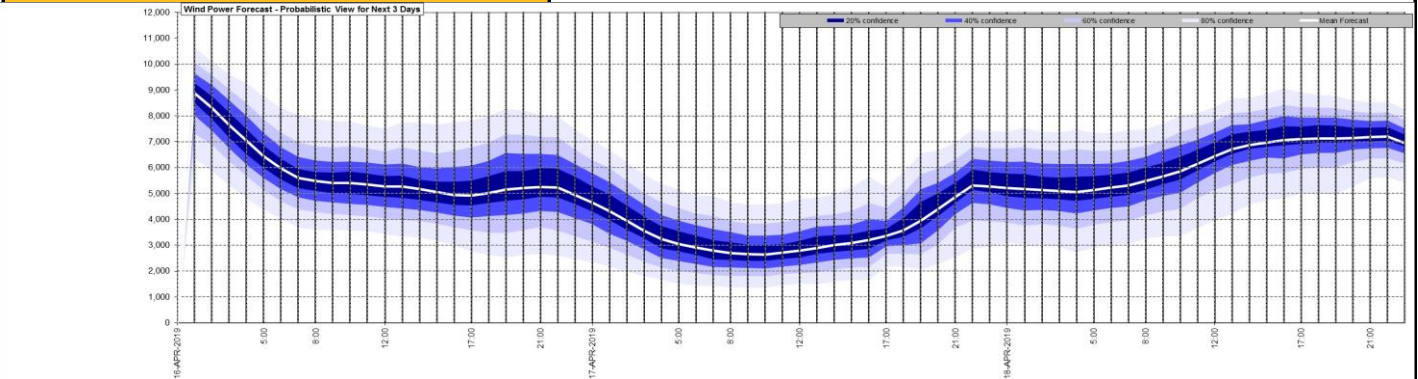


**Yesterday's Market Summary**

<a href="#">Cash out price (Max)</a>	£59.00/MWh (SP 41)
<a href="#">Cash Out Price (Min)</a>	£18.00/MWh (SP 8)
<a href="#">Peak Demand Yesterday</a>	34,622 MW

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

### Wind Power Forecast



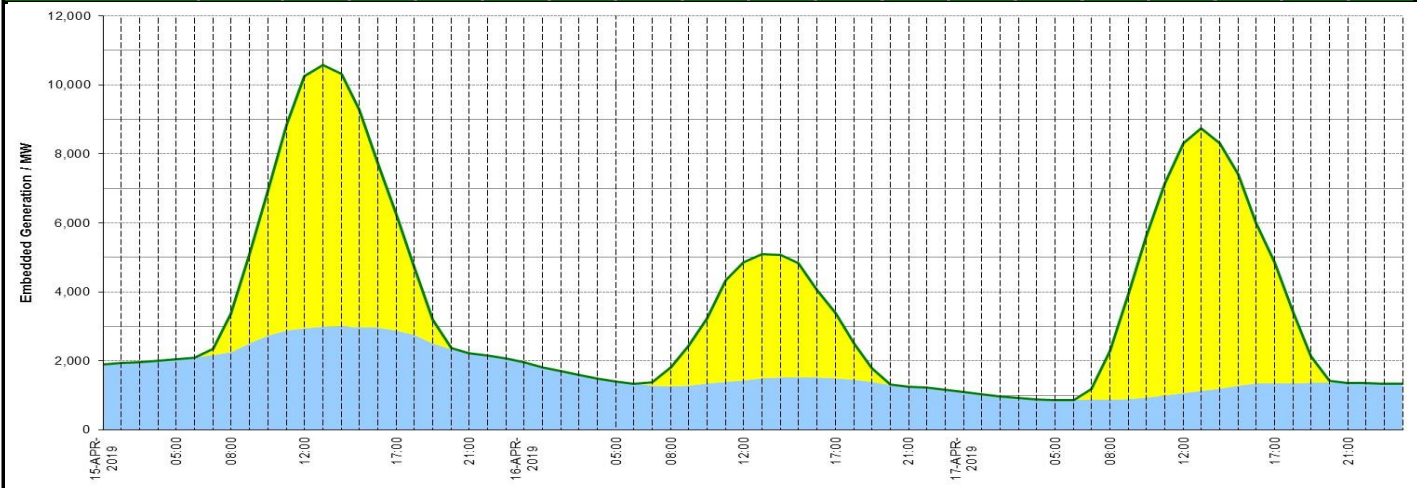
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	15-APR-2019					16-APR-2019					17-APR-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	1110	7300	3360	0	0	0	554	3428	1898	0	0	0	1418	7238	3517	0
Wind (MW)	2049	2265	2951	2872	2224	1966	1412	1269	1439	1495	1261	1104	866	880	1078	1343	1362
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2049</b>	<b>3375</b>	<b>10251</b>	<b>6232</b>	<b>2224</b>	<b>1966</b>	<b>1412</b>	<b>1823</b>	<b>4867</b>	<b>3393</b>	<b>1261</b>	<b>1104</b>	<b>866</b>	<b>2298</b>	<b>8316</b>	<b>4860</b>	<b>1362</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></p> <p>It will be mostly cloudy, with some brightness in the east. Early rain in Northern Ireland, southwest England and western Scotland will spread a little further eastwards, and become patchier. Breezy in the north, and chilly under the cloud.</p> <p><b>Tonight:</b></p> <p>Rain over western, southern and central areas will ease. Staying cloudy, with some low cloud, mist and fog patches in southern, western and central parts. Chilly, with light winds.</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></p> <p>There are no Met Office Weather Warnings in force anywhere in the United Kingdom.</p> <p><b>Flood Warnings:</b></p> <p>There are no flood warnings currently.</p>

*Contains public sector information licensed under the Open Government Licence v1.0*

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>