

**GB Electricity**  
**System Operator Daily Report**



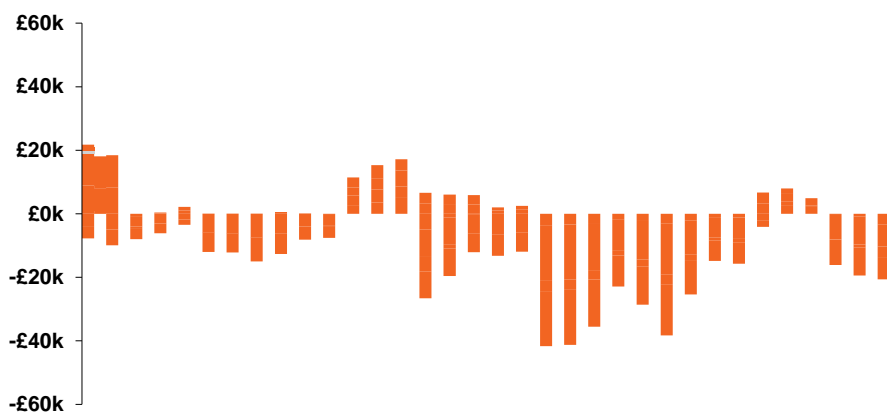
**GB Electricity System Operator Daily Report**  
Wednesday 15 May 2019

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<u>Today's Minimum De-Rated Margin</u>	6,184 (SP38 )	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

**Balancing Costs**

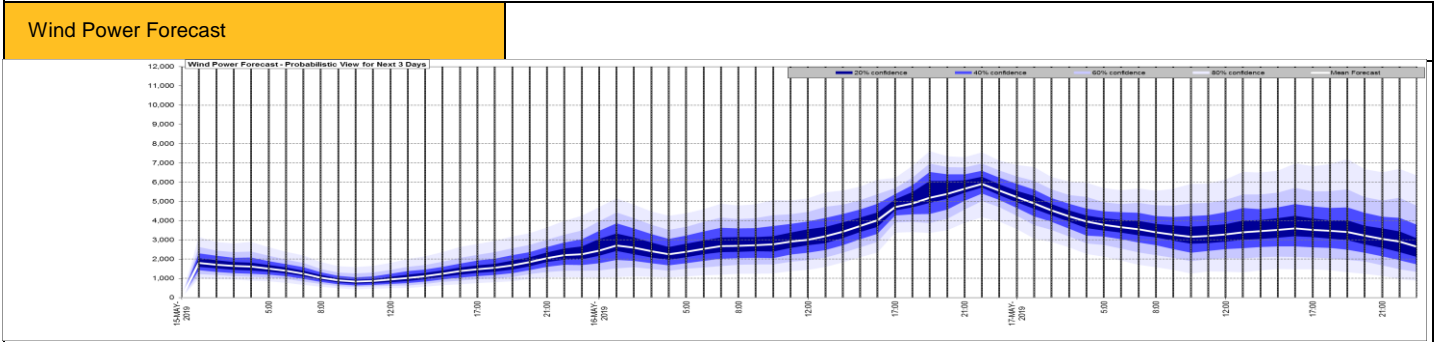
Last 24 hours' ENCC BM spend **Total: -£118k**



**Yesterday's Market Summary**

<u>Cash out price (Max)</u>	£83.50MWh (SP40 & SP41)
<u>Cash Out Price (Min)</u>	£17.50 MWh (SP15)
<u>Peak Demand Yesterday</u>	32,772 MW

Interconnectors			
Today	Import	Export	
Netherlands (BritNed)	0	0	Planned Outage. Returning on 15/5/2019 1500hrs @ 500MW then 1000MW @ 2100hrs
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.



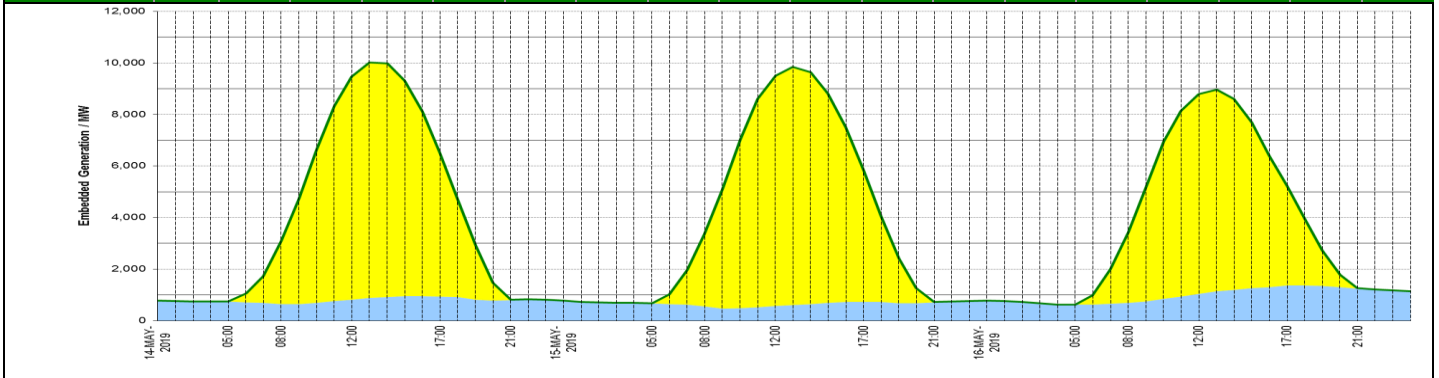
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	14-MAY-2019					15-MAY-2019					16-MAY-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	2460	8650	5580	15	0	0	2821	8931	5093	18	0	0	2740	7769	3860	17
Wind (MW)	744	636	822	937	800	782	675	549	568	723	705	784	621	696	1031	1372	1248
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>744</b>	<b>3096</b>	<b>9472</b>	<b>6517</b>	<b>815</b>	<b>782</b>	<b>675</b>	<b>3365</b>	<b>9499</b>	<b>5819</b>	<b>723</b>	<b>784</b>	<b>621</b>	<b>3433</b>	<b>8800</b>	<b>5232</b>	<b>1265</b>



Weather	Source	Commentary
11/05/2019 (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Today:</b> A chilly start, but mainly clear skies and strong sunshine through the day. Warm in the afternoon, but feeling cooler near breezy southern and eastern coasts. The odd isolated shower is possible in northern England or Scotland during the afternoon.</p> <p><b>Tonight:</b> A clear and cold night for most. Some mist is possible in the north and east, with thick cloud and fog over the far north of Scotland and Northern Isles.</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.</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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