

**GB Electricity  
System Operator Daily Report**

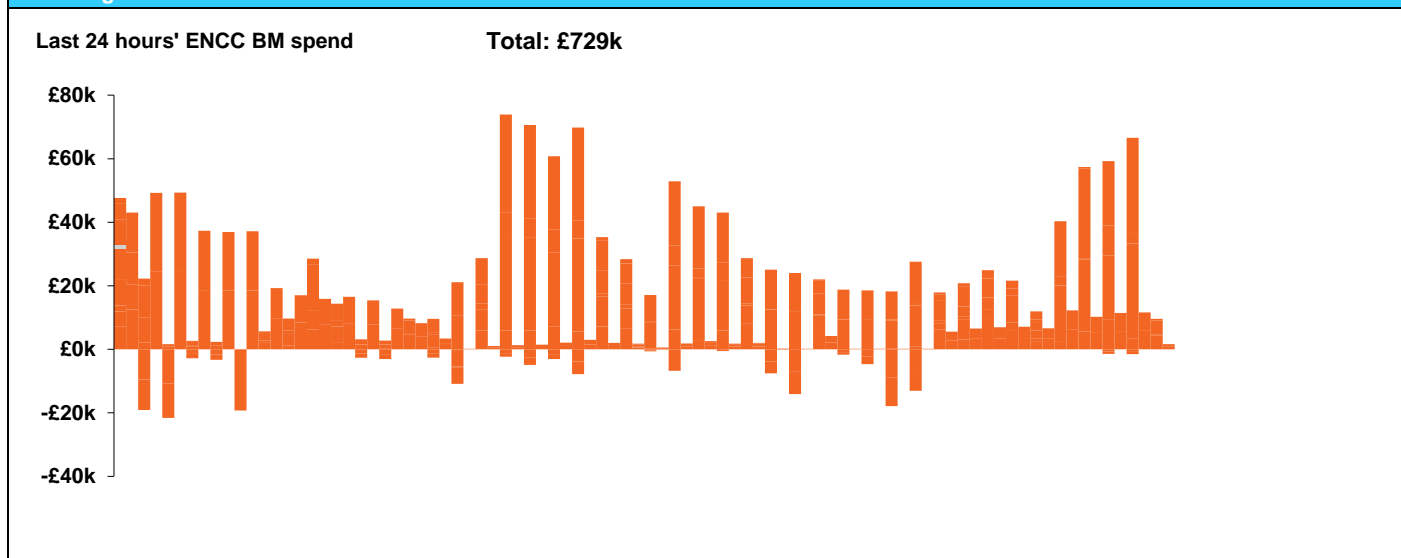


**GB Electricity System Operator Daily Report**  
Tuesday 11 June 2019

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>	3891.13 (SP 36)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	Variable
	Demand	560MW

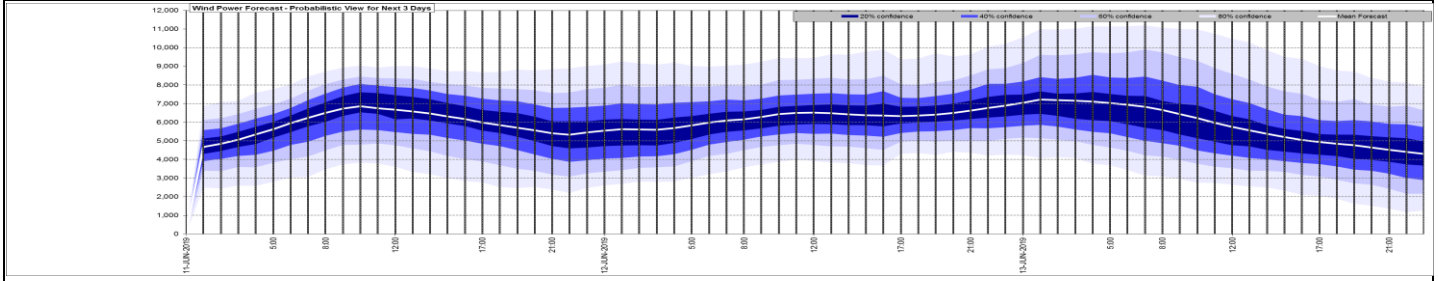
**Balancing Costs**



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£80.00 /MWh (SP 20)
<a href="#">Cash Out Price (Min)</a>	£23.01 /MWh (SP 15)
<a href="#">Peak Demand Yesterday</a>	28,745 MW

Interconnectors			
Today	Import	Export	
Netherlands (BritNed)	1060	1060	Fully Available
France (IFA)	1500	1500	Pole 1 unavailable, due to RTS at 12:00hrs
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

**Wind Power Forecast**

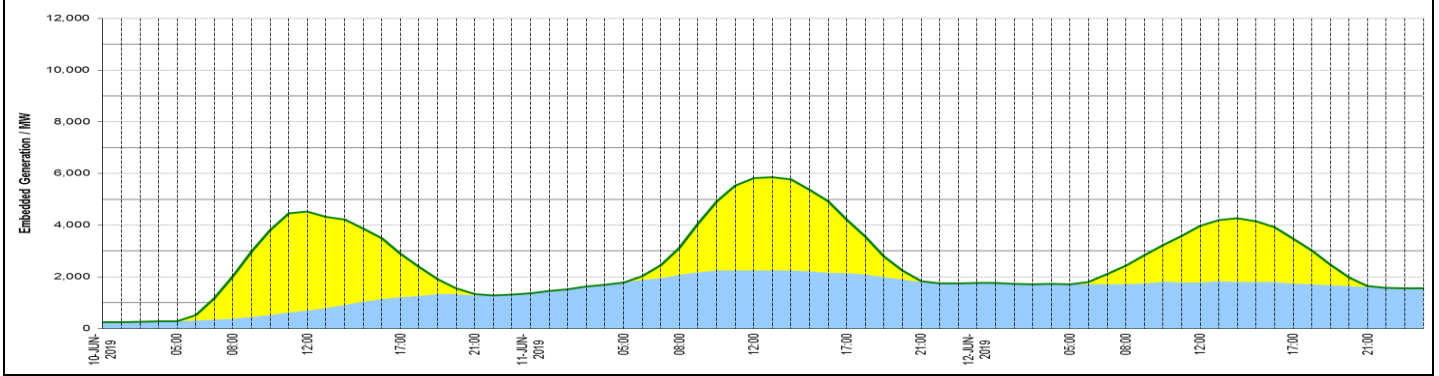


Key:  
■ 20% confidence    ■ 40% confidence    ■ 60% confidence    ■ 80% confidence    — Mean Forecast

**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	10-JUN-2019					11-JUN-2019					12-JUN-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
<b>Solar (MW)</b>	1	1640	3830	1700	46	0	0	1039	3564	2060	29	0	0	725	2193	1717	38
<b>Wind (MW)</b>	284	381	689	1203	1281	1361	1783	2073	2250	2137	1798	1760	1712	1706	1773	1751	1600
<b>STOR (MW)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	285	2021	4519	2903	1327	1361	1783	3112	5814	4197	1827	1760	1712	2431	3966	3468	1638



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> Rain, heavy at times, and strong winds will continue across much of England and Wales, although south and southeastern parts will be brighter with lighter winds but with heavy, thundery showers developing. Driest and brightest across Scotland and Northern Ireland.</p> <p><b>Tonight:</b> Rain and strong winds continue across Wales, north Midlands and northern England. To the south showers will die away from all but the south coast. Mostly dry to the 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> Yellow warning of rain Areas affected: East Midlands   East of England   North East England   West Midlands   Yorkshire &amp; Humber South West England</p> <p><b>Flood Warnings:</b> <b>Flooding is expected - immediate action required</b> Areas affected: Ravensbourne at Bromley Areas affected: River Wandle at Morden Areas affected: Emm Brook at Wokingham</p> <p><b>Flood Alerts:</b> <b>Flooding is possible - be prepared</b> Areas affected: Emm Brook Areas affected: Cranleigh Waters Areas affected: Cut Areas affected: Windle Brook and Hale, Mill and Addlestone Bournes Areas affected: Upper River Wey Areas affected: River Blackwater and The Cove Brook Areas affected: Slough Watercourses Areas affected: Lower River Loddon at the River Thames confluence at Twyford Areas affected: River Whitewater and River Hart Areas affected: Chertsey Bourne Areas affected: Upper River Loddon Areas affected: Hoe Stream Areas affected: River Wandle area in the London Boroughs of Wandsworth, Merton, Lambeth, Croydon and Sutton Areas affected: Ravensbourne area in the London Boroughs of Lewisham, Bromley, Greenwich and Croydon Areas affected: River Hogsmill area from Ewell to Kingston upon Thames Areas affected: River Pinn and Woodridings Stream Areas affected: Lower Lee tributaries Areas affected: Silk Stream and the Deans, Edgware, Dollis, Mutton and Wealdstone Brooks Areas affected: River Maun in Nottinghamshire Areas affected: Upper River Colne and Radlett Brook Areas affected: River Devon and Smite in Leicestershire and Nottinghamshire Areas affected: Yeading Brooks in London Boroughs of Harrow and Hillingdon Areas affected: Rivers Beam and Rom Areas affected: Rivers in North Gloucestershire Areas affected: River Mole and its tributaries from Kinnersley Manor to South Hershaw Areas affected: Upper River Mole, Ifield Brook, Gatwick Stream, Burstow Stream and Salfords Stream Areas affected: Upper Teme Areas affected: Beverley Brook area in Merton, Sutton, Kingston upon Thames, Richmond upon Thames and Wandsworth Areas affected: River Leen and Day Brook in Nottinghamshire Areas affected: Middle Exe Area Areas affected: River Cole and Dorcan Brook</p> <p><b>Scotland</b> Scottish Environment Protection Agency No flood warnings are currently in force for Scotland</p> <p><b>Wales</b> Natural Resources Wales No flood warnings are currently in force for 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>