

**GB Electricity
System Operator Daily Report**

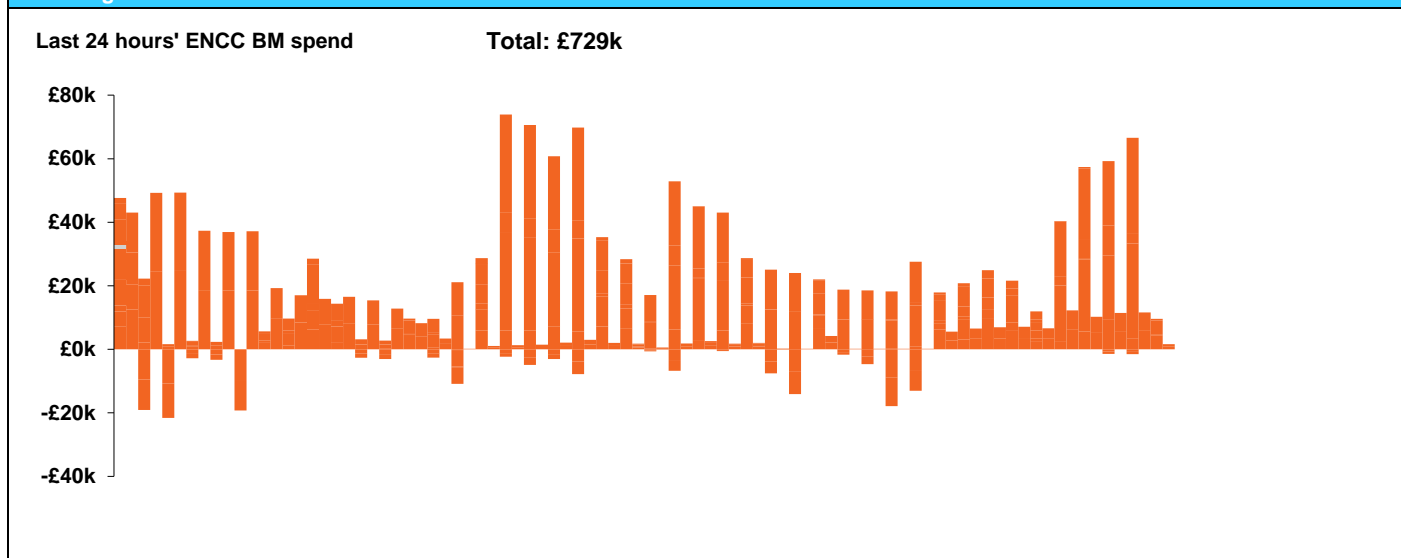


GB Electricity System Operator Daily Report
Wednesday 12 June 2019

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

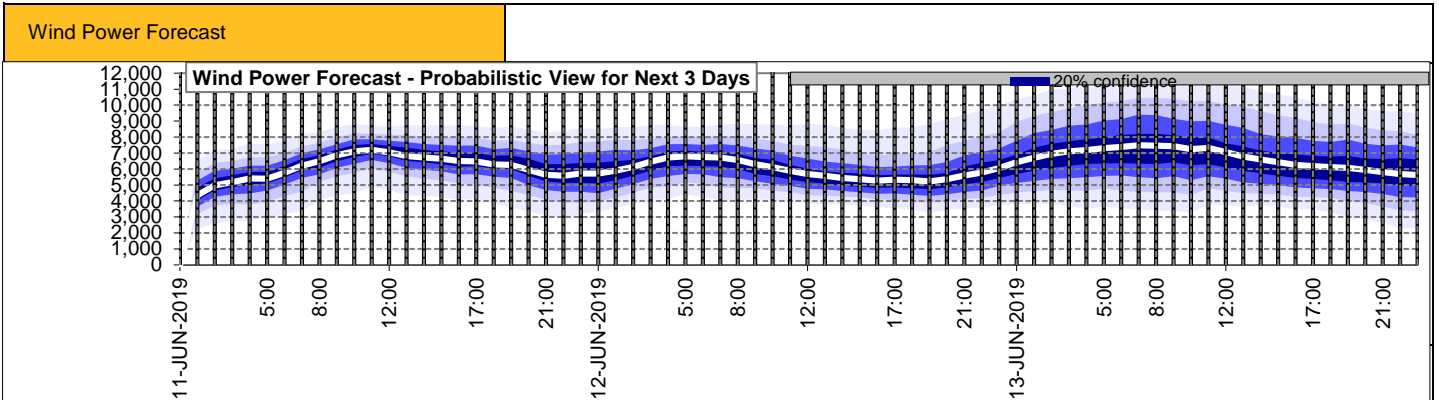
Today's Minimum De-Rated Margin	3891.13 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	Variable
	Demand	560MW

Balancing Costs



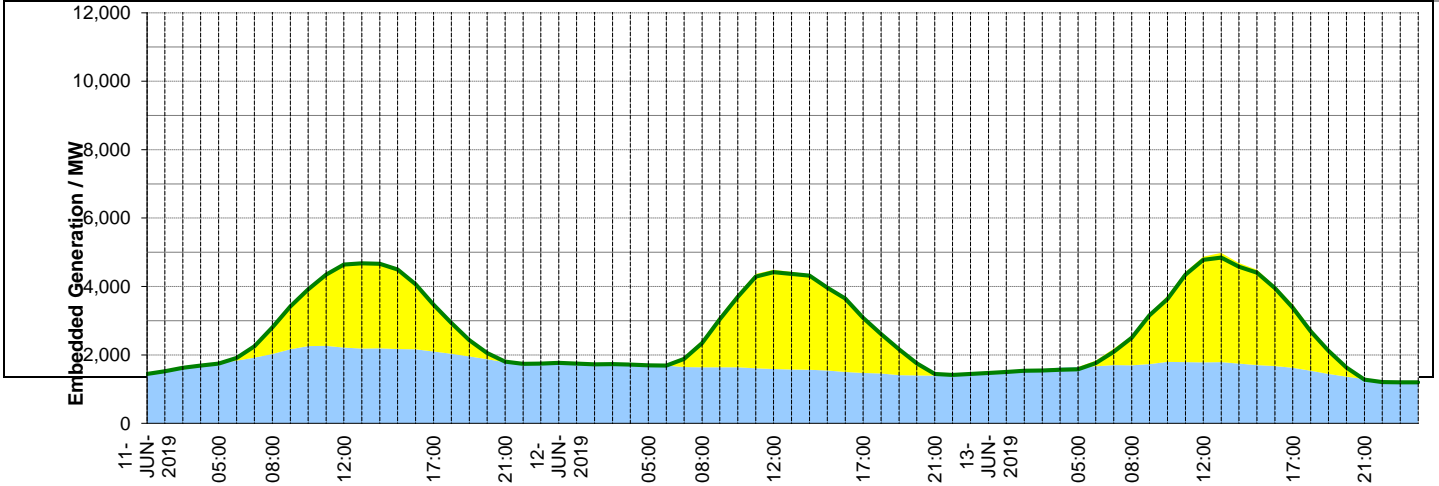
Yesterday's Market Summary	
Cash out price (Max)	£80.00 /MWh (SP 20)
Cash Out Price (Min)	£23.01 /MWh (SP 15)
Peak Demand Yesterday	28,745 MW

Interconnectors			
Today	Import	Export	
Netherlands (BritNed)	1060	1060	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	0	0	Outage



Expected embedded generation (MWs)
Embedded Generation Forecast

	11-JUN-2019					12-JUN-2019					13-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
Solar (MW)	1	780	2430	1370	23	0	0	778	2907	1603	28	0	0	858	3091	1856	14
Wind (MW)	1748	2026	2215	2098	1778	1764	1728	1638	1586	1469	1395	1478	1647	1693	1783	1626	1291
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1749	2806	4645	3468	1801	1764	1698	2340	4419	3087	1440	1475	1581	2501	4776	3384	1275



Weather	Source	Commentary
11/05/2019 (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Rain in northern areas becoming lighter for a time. However it will become heavier later, with further rain moving northwestwards across East Anglia, the Midlands and northern England. Turning brighter in southern England but some heavy, thundery downpours may develop.</p> <p>Tonight:</p> <p>Any heavier showers in the south will ease, with a few clear spells developing. However, the persistent, often heavy rain will slowly spread further across Scotland and perhaps Northern Ireland</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of rain Areas affected: Central, Tayside & Fife East Midlands East of England North East England North West England SW Scotland, Lothian Borders Wales West Midlands Yorkshire & Humber</p> <p>Flood Warnings: Edinburgh and Lothians, Scottish Borders</p>

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights