

GB Electricity
System Operator Daily Report

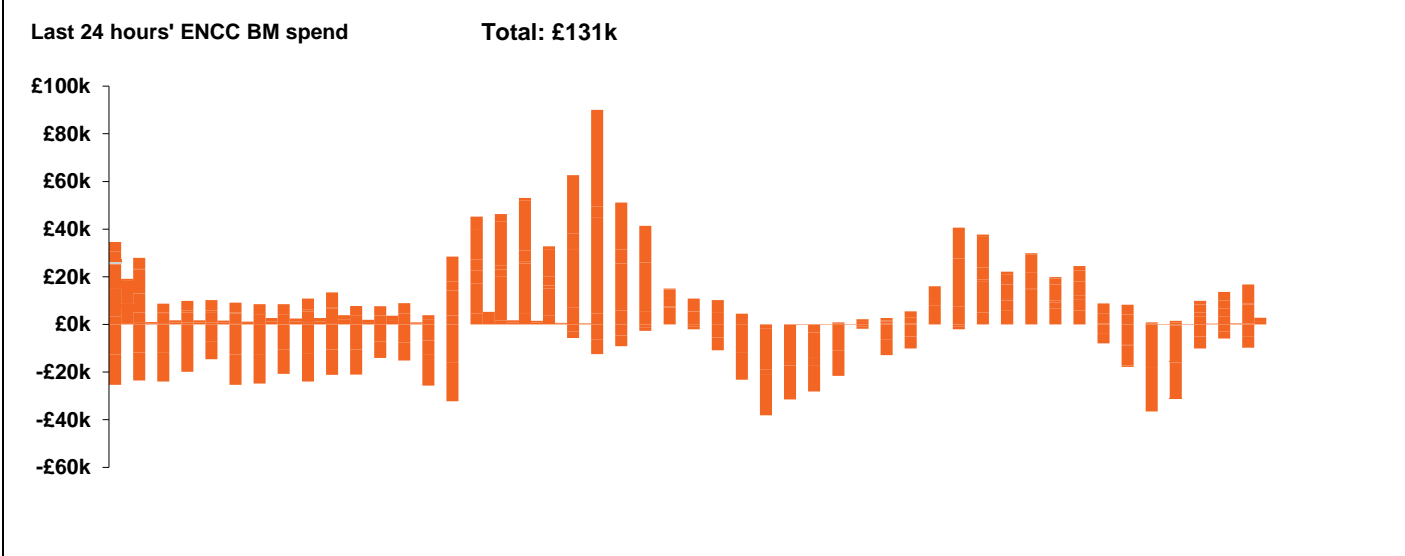


GB Electricity System Operator Daily Report
Saturday 18 May 2019

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

Today's Minimum De-Rated Margin	4,369 (SP39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

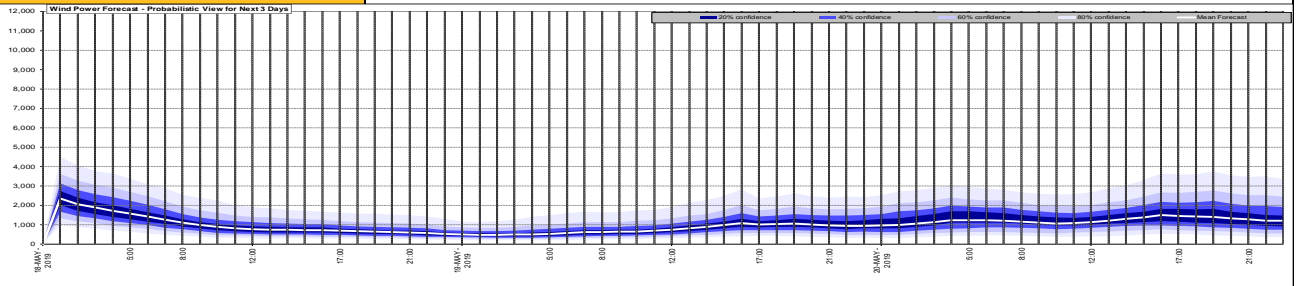


Yesterday's Market Summary

Cash out price (Max)	£84.00 / MWh (SP21)
Cash Out Price (Min)	£1.86 / MWh (SP43)
Peak Demand Yesterday	33,584 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)	395	500	Partially available.

Wind Power Forecast

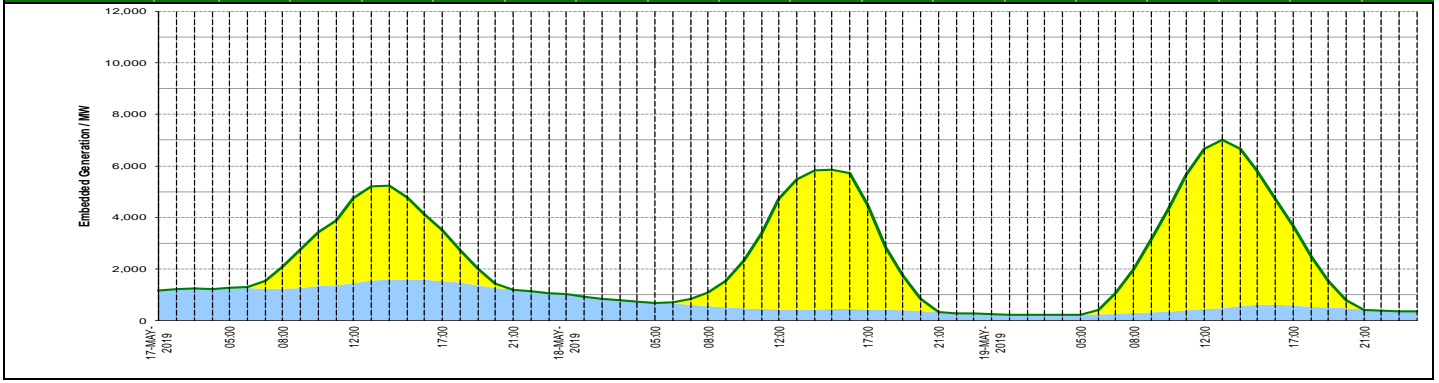


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	17-MAY-2019					18-MAY-2019					19-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	851	3280	1980	5	0	0	524	4284	4042	12	0	0	1695	6236	3103	0
Wind (MW)	1265	1213	1453	1512	1185	1010	685	540	427	424	306	233	226	271	430	564	415
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1265	2064	4733	3492	1190	1010	685	1064	4709	4466	318	233	226	1966	6666	3667	415



Weather	Source	Commentary
11/05/2019 (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Scotland and Northern Ireland will have a cold and cloudy day with outbreaks of rain. England and Wales will have warm sunny spells, with scattered locally heavy showers. Low cloud and mist will affect eastern coasts of England and Scotland.</p> <p>Tonight: Showery rain will die out in most areas overnight. Some clear intervals will develop, especially in the south. However, low cloud and fog will affect eastern areas, forming elsewhere later.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No weather warnings are in force for the UK.</p> <p>Flood Warnings: No flood warnings are currently in force.</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