

**GB Electricity
System Operator Daily Report**

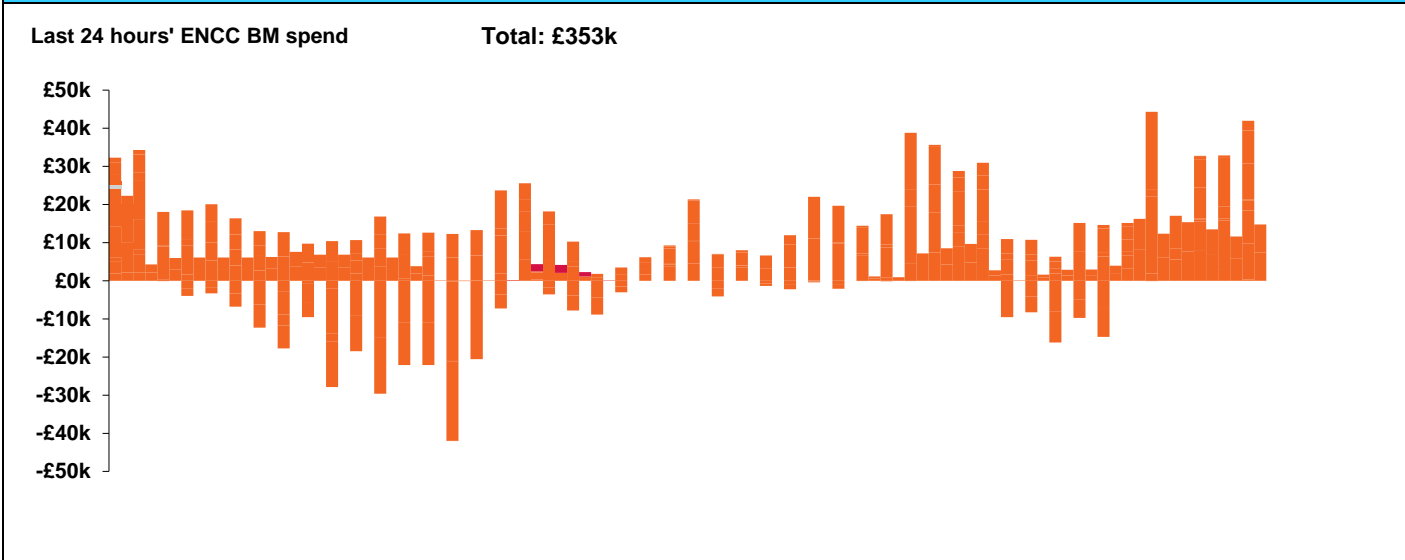


GB Electricity System Operator Daily Report
Thursday 30 May 2019

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	9126.77 (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

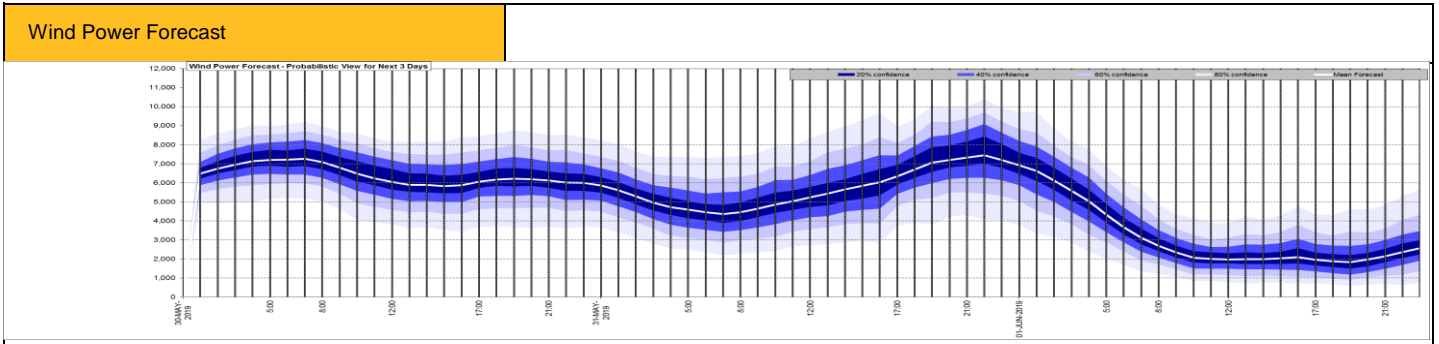


Yesterday's Market Summary

Cash out price (Max)	£59.90 /MWh (SP 32,34,35,36)
Cash Out Price (Min)	£18.00 /MWh (SP 8)
Peak Demand Yesterday	34,299 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.



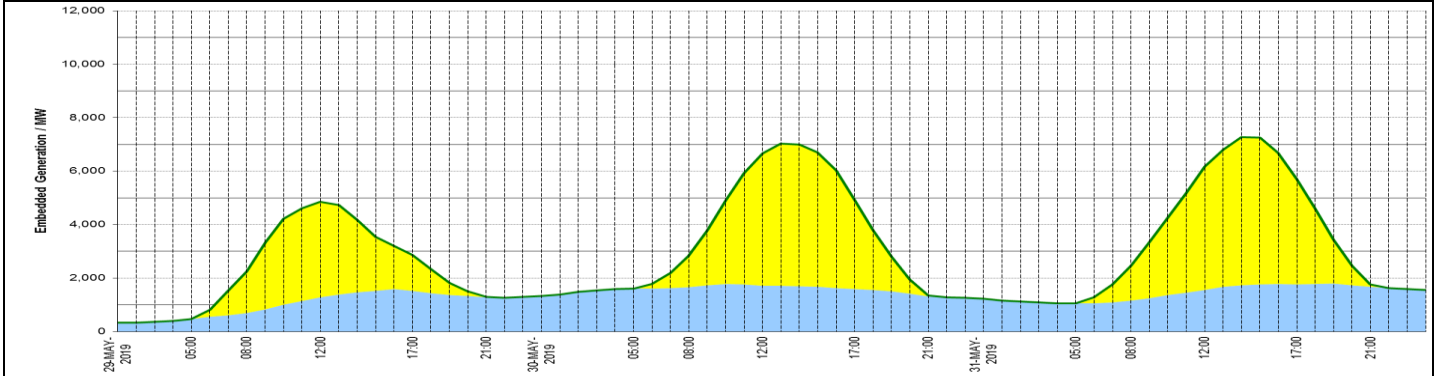
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	29-MAY-2019					30-MAY-2019					31-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)	2	1540	3560	1340	17	0	0	1170	4951	3317	36	0	0	1311	4600	3924	84
Wind (MW)	474	699	1287	1526	1285	1339	1605	1665	1719	1595	1321	1228	1050	1167	1559	1771	1681
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	476	2239	4847	2866	1302	1339	1605	2835	6670	4912	1357	1228	1050	2478	6159	5695	1765



Weather	Source	Commentary
11/05/2019 (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloudy with rain and drizzle in western areas, where fog is likely around the coasts and hills. Heavier rain in the northwest, but drier for central and southeastern parts of the UK, with some warm bright spells.</p> <p>Tonight: Cloudy and very mild for most, with the drier weather in the south and east. Rain in the north and west, with fog around the coasts and hills.</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 for England.</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