

**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Friday 23 August 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	11842.42 MW (SP 18)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

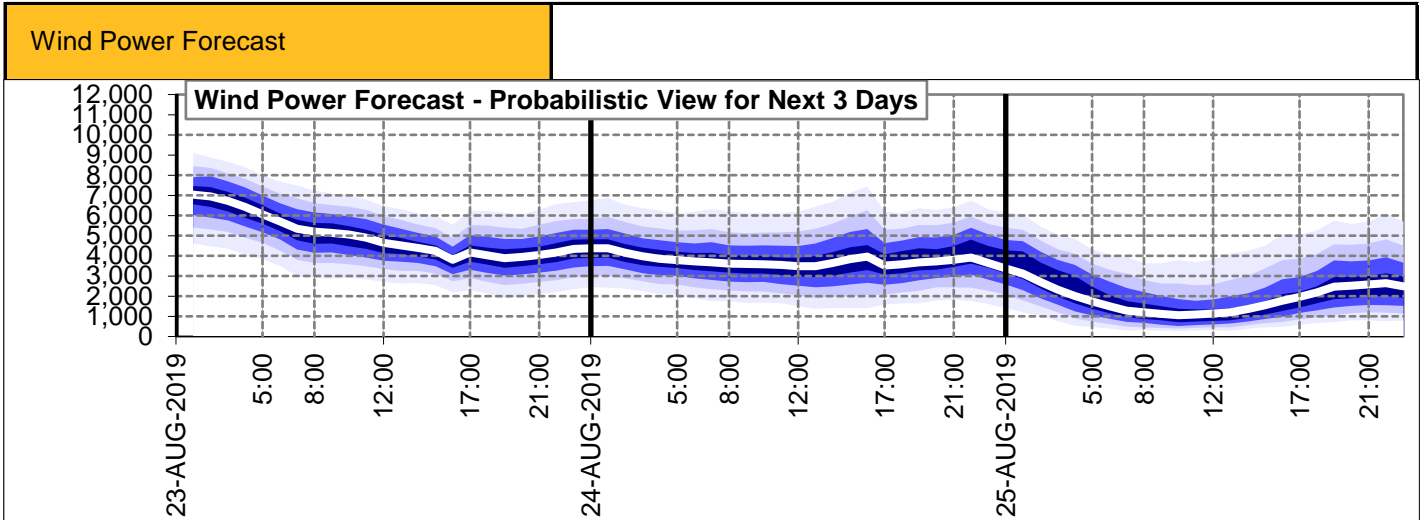
Last 24 hours' ENCC BM spend



Yesterday's Market Summary

Cash out price (Max)	£62.00/MWh (SP 18,19)
Cash Out Price (Min)	£10.75MWh (SP 37,39)
Peak Demand Yesterday	31435

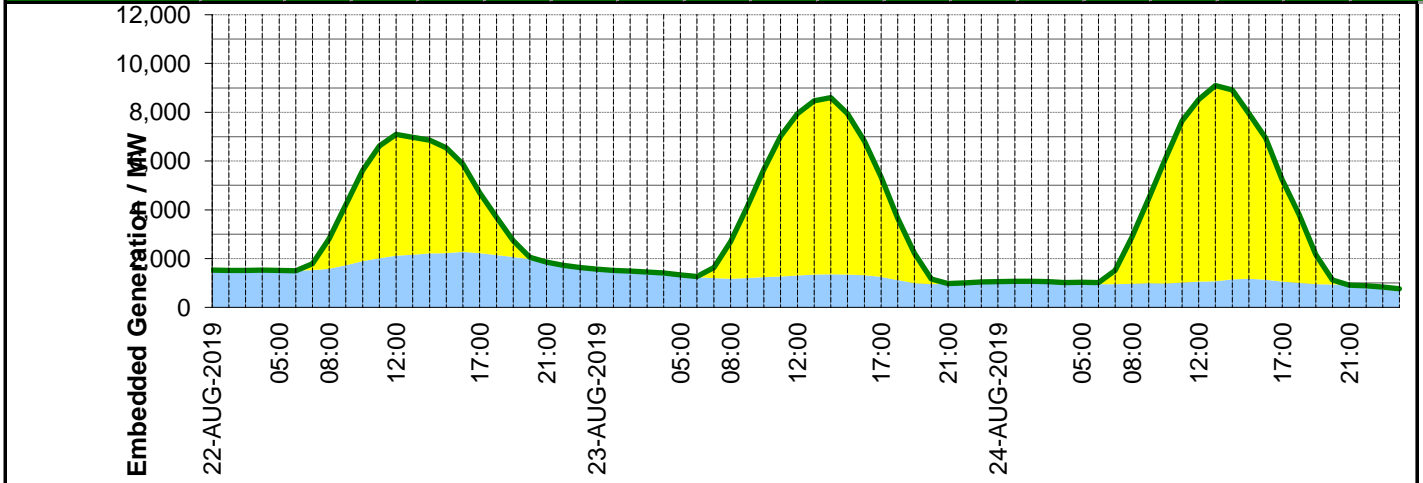
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-AUG-2019					23-AUG-2019					24-AUG-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	1230	4980	2470	1	0	0	1487	6600	4075	0	0	0	1851	7451	4138	0
Wind (MW)	1518	1584	2116	2229	1850	1570	1307	1170	1301	1247	970	1048	971	957	1061	1059	921
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1519	2814	7096	4699	1851	1570	1328	2701	7945	5350	972	1061	1032	2865	8519	5235	916



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Early fog clearing to leave most of the UK dry today. Rather cloudy at times in the north and west, with the best of the sunshine in the south and east. Wet and windy in the far north of Scotland.</p> <p>Tonight:</p> <p>Cloud and rain in the far north and west of the UK, with winds easing. Clear and cold elsewhere, with a few mist and fog patches possible around dawn.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>No weather warnings are in force for the UK</p> <p>Flood Warnings:</p> <p>None</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