

**National Electricity
Transmission System Status Report**



national**grid**ESO

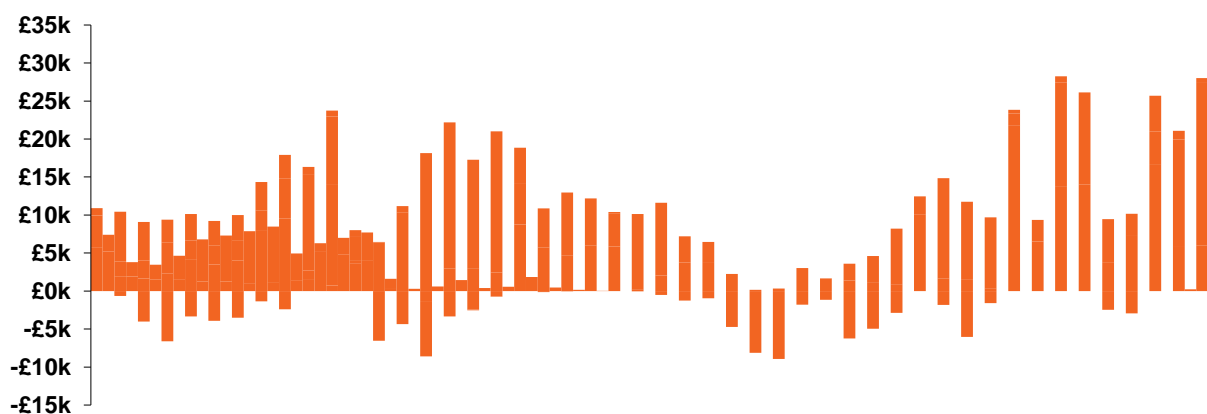
National Electricity Transmission System Status Report
Tuesday 13 August 2019

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	2994.26 MW (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend Total: £576k

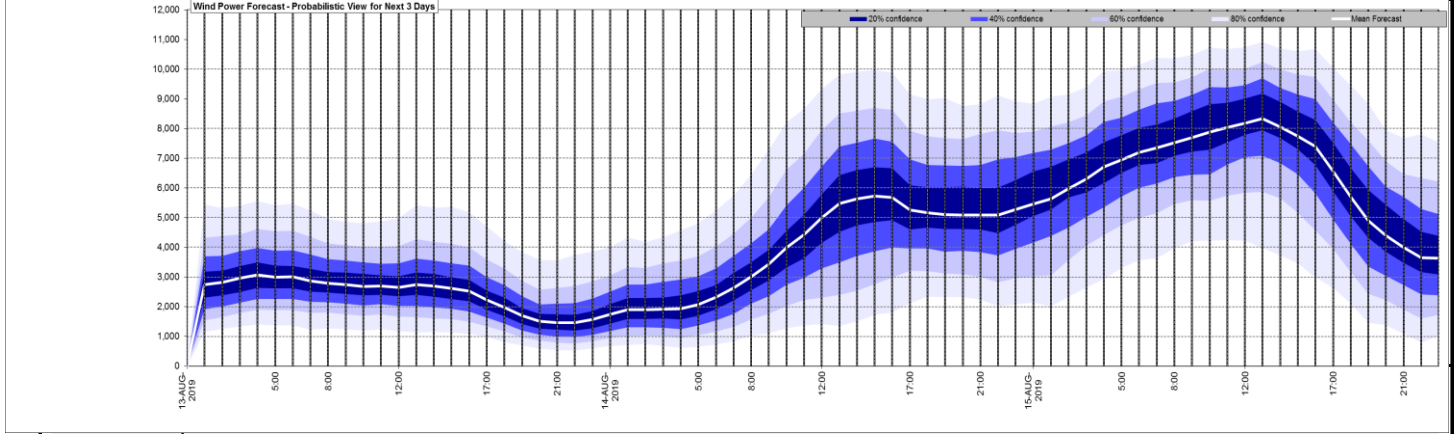


Yesterday's Market Summary

Cash out price (Max)	85(SP 43)
Cash Out Price (Min)	10.50 (SP 15)
Peak Demand Yesterday	27512

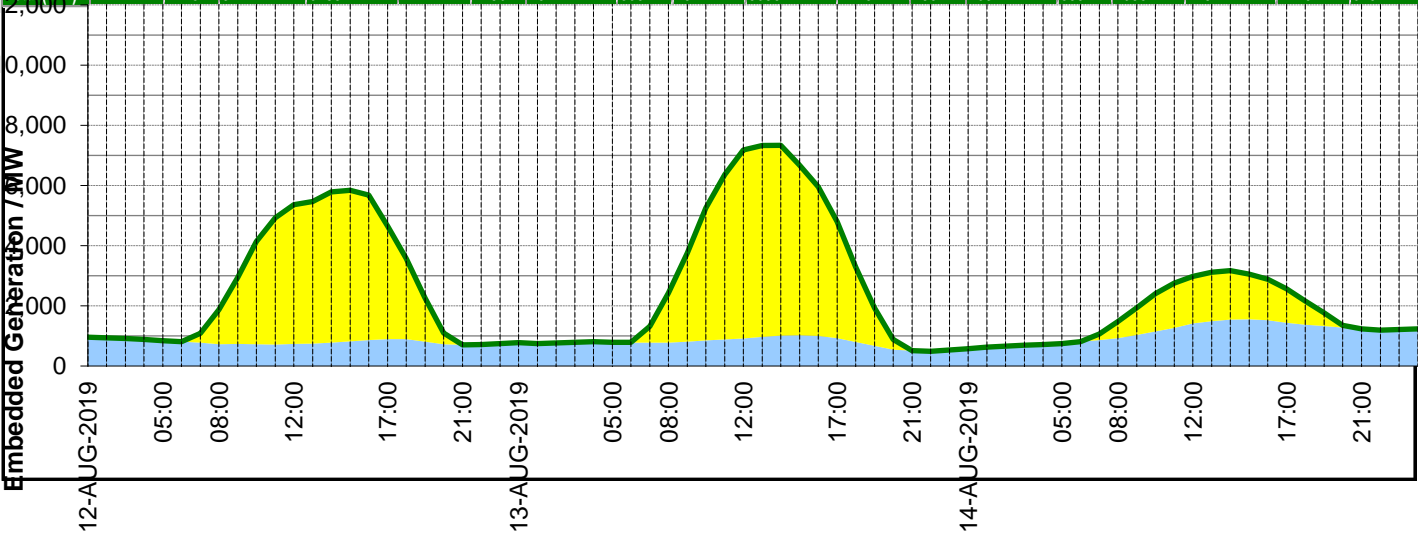
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

Wind Power Forecast



Expected embedded generation (MWs)

	12-AUG-2019					13-AUG-2019					14-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)	0	1150	4630	3750	4	0	0	1645	6258	3875	0	0	0	548	1562	1132	0
Wind (MW)	836	720	729	895	700	772	786	777	916	921	507	576	744	927	1411	1431	1232
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	836	1870	5359	4645	704	772	786	2422	7174	4796	507	576	744	1475	2973	2563	1232



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources	<p>Today: It will be another day of sunny spells and scattered showers, these mainly focused towards the north and east. Elsewhere, it will be largely dry. Thicker cloud and showers for the far southwest at first and again later.</p> <p>Tonight: Showers dying out to leave northern and eastern parts mostly dry, clear and chilly. Further showers in northwest. Rain and freshening winds in the southwest will move northeastwards overnight.</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>Areas affected: North West England Wales</p> <p>ACTIVE</p> <p>Started at: 18:00 BST on Mon 12 August</p> <p>Ends: 10:00 BST on Tue 13 August</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