

**National Electricity
Transmission System Status Report**



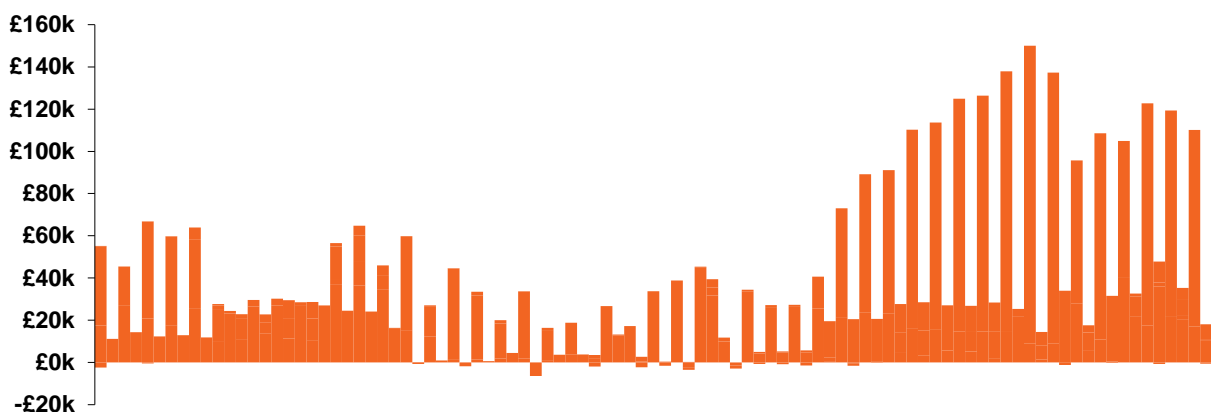
National Electricity Transmission System Status Report
Thursday 05 September 2019

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	7080 (SP 39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend Total: £3853k

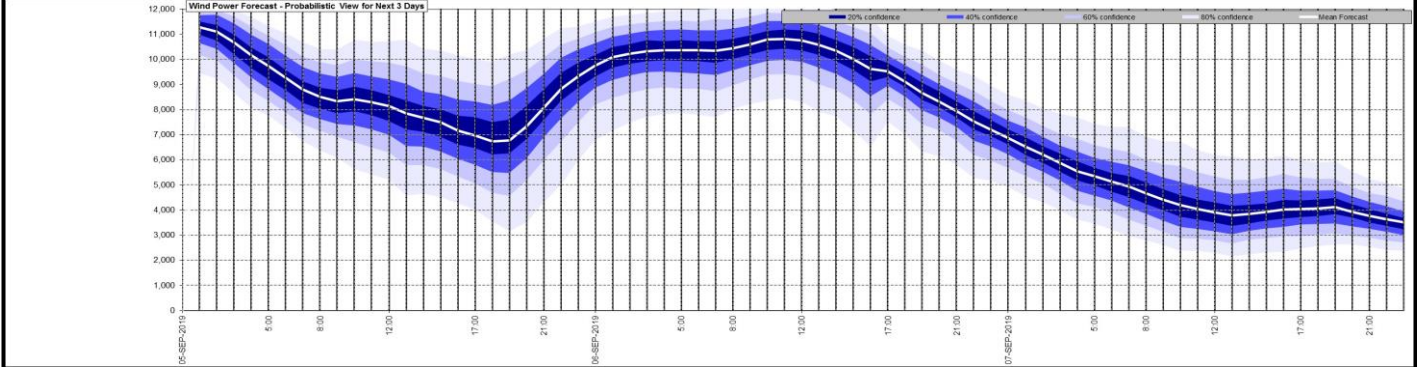


Yesterday's Market Summary

Cash out price (Max)	£72.00/MWh (SP 19)
Cash Out Price (Min)	£-3.75/MWh (SP 32)
Peak Demand Yesterday	30,799 MW

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



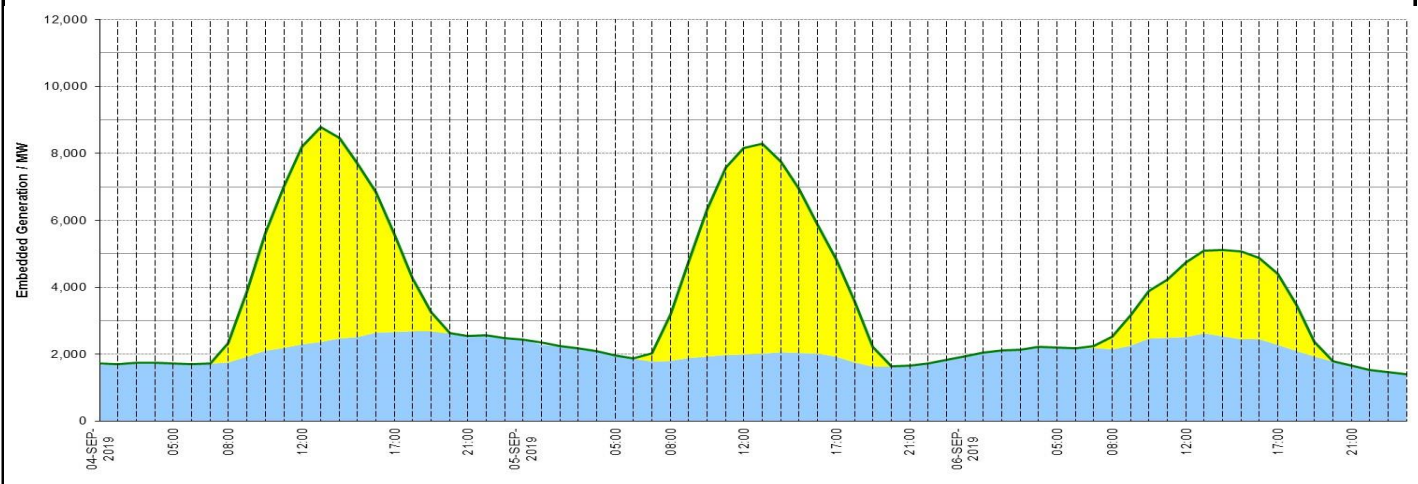
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	04-SEP-2019					05-SEP-2019					06-SEP-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	591	5890	2900	1	0	0	1388	6154	2892	0	0	0	390	2228	2117	0
Wind (MW)	1733	1749	2307	2659	2554	2442	1963	1802	2005	1938	1666	1943	2196	2143	2520	2285	1652
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1733	2340	8197	5559	2555	2442	1963	3190	8159	4830	1666	1943	2196	2533	4748	4402	1652



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Many places will stay dry today with sunny spells, particularly in the south. However, there will be scattered showers in the north which will merge this morning to give longer spells of rain in Scotland. Breezy in the north.</p> <p>Tonight:</p> <p>A band of rain and strong winds will move in from the northwest, bringing outbreaks of rain to Scotland, Northern Ireland, northern England and Wales. Dry elsewhere with clear spells.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No warnings</p> <p>Flood Warnings: 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