

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 04 September 2019

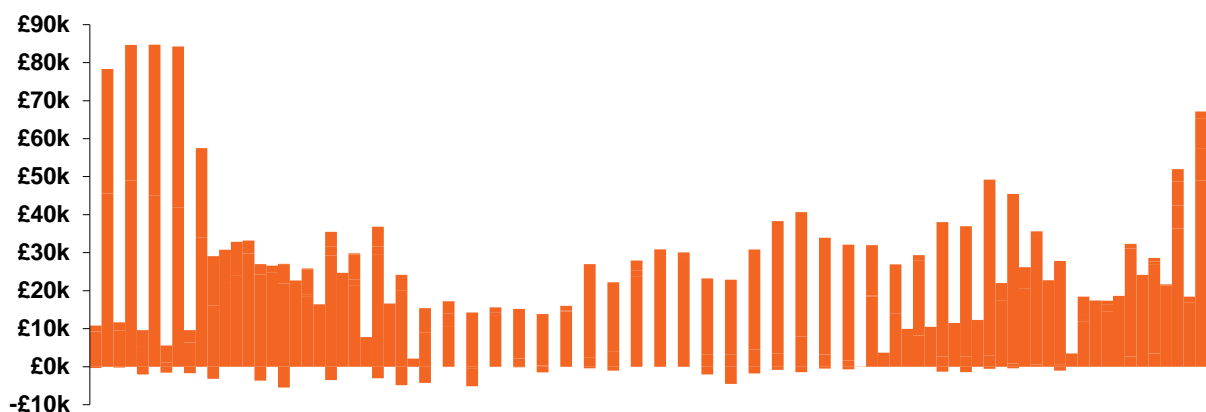
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	11659 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend

Total: £2074k

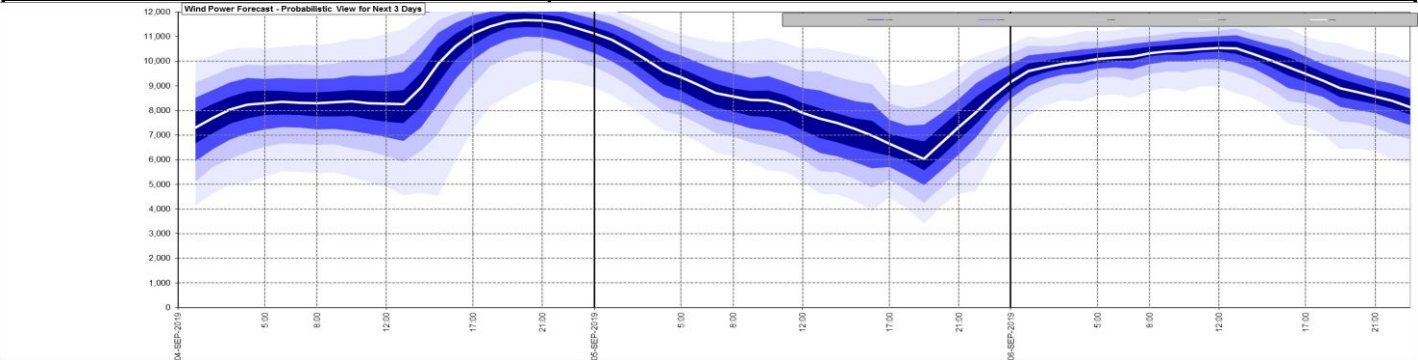


Yesterday's Market Summary

Cash out price (Max)	£60.00/MWh (SP 38)
Cash Out Price (Min)	£-3.50/MWh (SP 1,2 & 7)
Peak Demand Yesterday	32,308 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



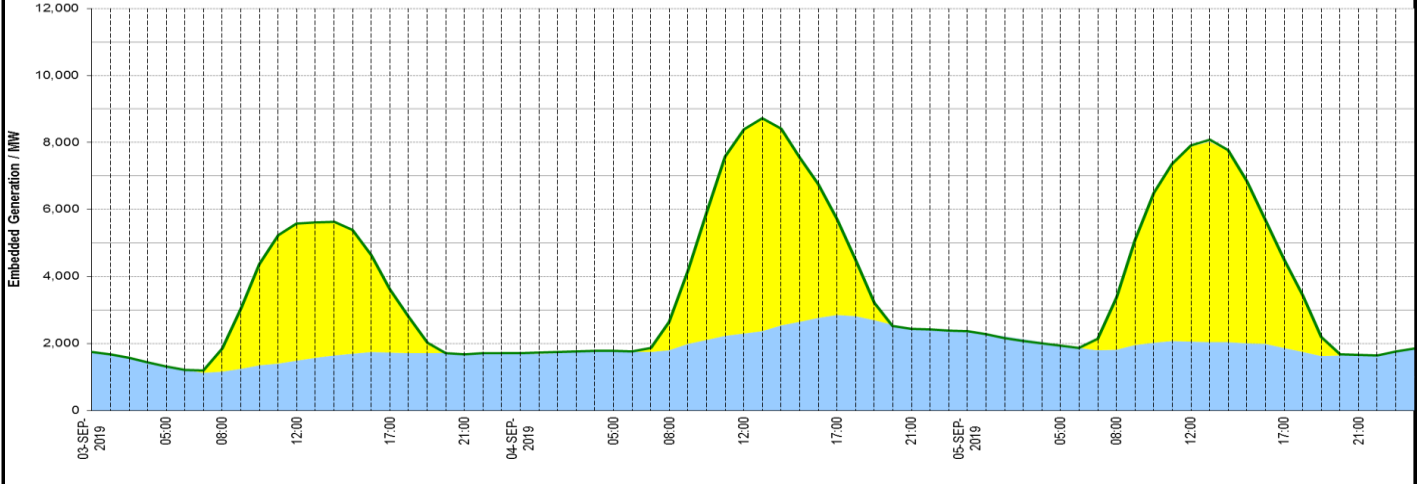
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	03-SEP-2019					04-SEP-2019					05-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	682	4100	1900	0	0	0	855	6123	2875	0	0	0	1544	5810	2591	0
Wind (MW)	1321	1162	1483	1735	1682	1704	1755	1796	2303	2852	2461	2372	1941	1811	2062	1867	1644
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1321	1844	5583	3635	1682	1704	1774	2642	8394	5700	2434	2361	1935	3391	7919	4509	1660



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Heavy showers and gales in Scotland, Northern Ireland and northwest England through the day. Rain in southeast England to begin with, then clearing. Elsewhere, often windy with sunny spells and scattered showers, perhaps heavy.</p> <p>Tonight:</p> <p>Winds easing and skies clearing, with just some scattered coastal showers in North Wales, northwest England, Northern Ireland and Scotland. Temperatures falling quickly, and it will be cold by morning.</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