

**National Electricity
Transmission System Status Report**



national**grid**ESO

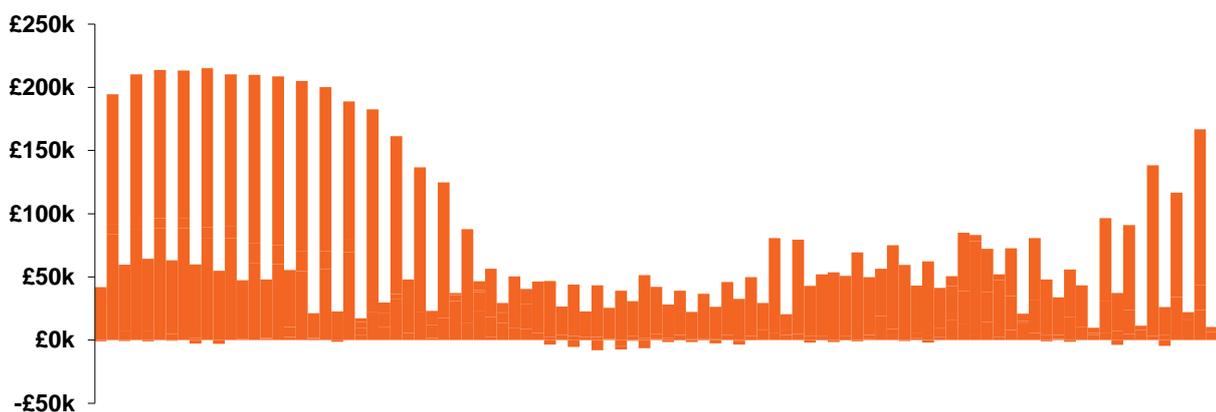
National Electricity Transmission System Status Report
Thursday 10 October 2019

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

System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

General Status / Issues / Breaking News

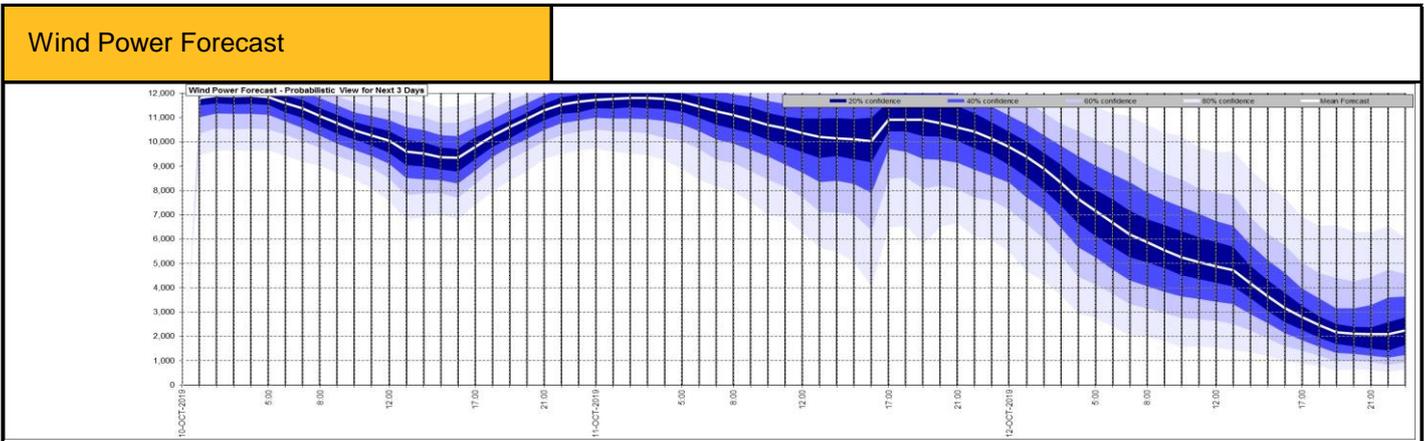
Last 24 hours' BM spend **Total: £7002k**



Yesterday's Market Summary

Cash out price (Max)	£67.50/MWh (SP 1)
Cash Out Price (Min)	£5.41/MWh (SP 9,10)
Peak Demand Yesterday	32,316 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	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.

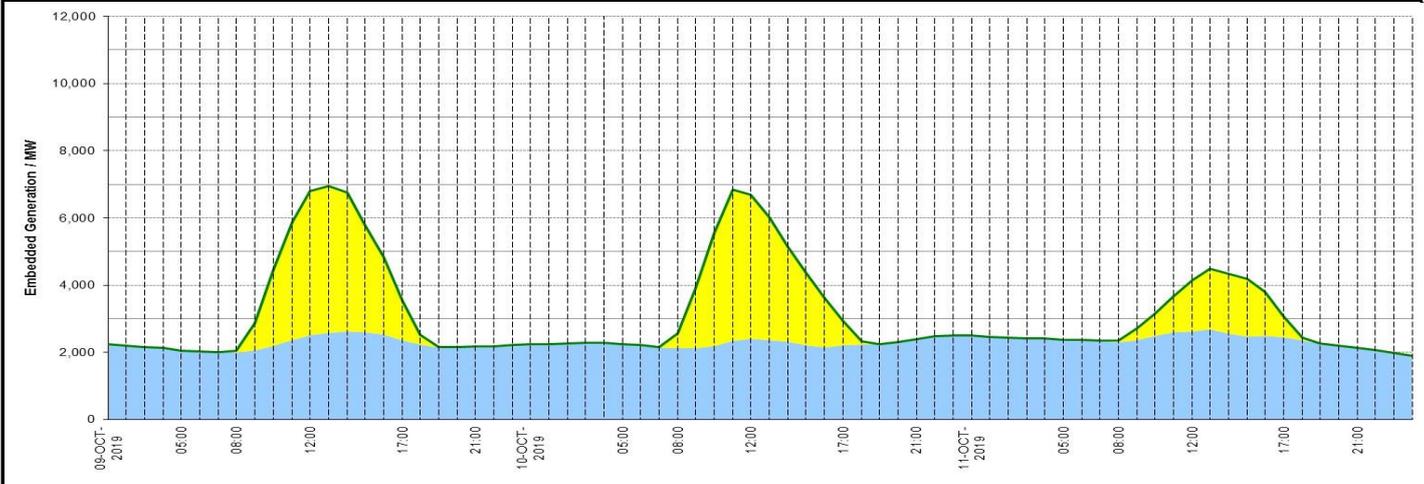


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	09-OCT-2019					10-OCT-2019					11-OCT-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	47	4280	1190	0	0	0	461	4297	718	0	0	0	61	1519	619	0
Wind (MW)	2043	2003	2515	2356	2170	2248	2246	2117	2396	2215	2392	2493	2383	2300	2618	2453	2138
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2043	2050	6795	3546	2170	2248	2246	2578	6693	2933	2392	2493	2383	2361	4137	3072	2138



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A good deal of dry and bright weather in the east, but cloudier in the west with some showers. More widespread areas of rain pushing across mainly western parts during the day. Windy.</p> <p>Tonight: Rain and showers affecting the UK, mainly western and southern parts with eastern areas seeing the best of the drier weather. Windy, perhaps with gales on west and south coasts.</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: East Midlands North West England Wales West Midlands Yorkshire & Humber</p> <p>Starts: 00:00 BST on Fri 11 October</p> <p>Ends: 18:00 BST on Fri 11 October Heavy rainfall may bring some localised flooding across parts of Wales, central and northern England on Friday.</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer <p>Flood Warning: 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