

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 15 October 2019

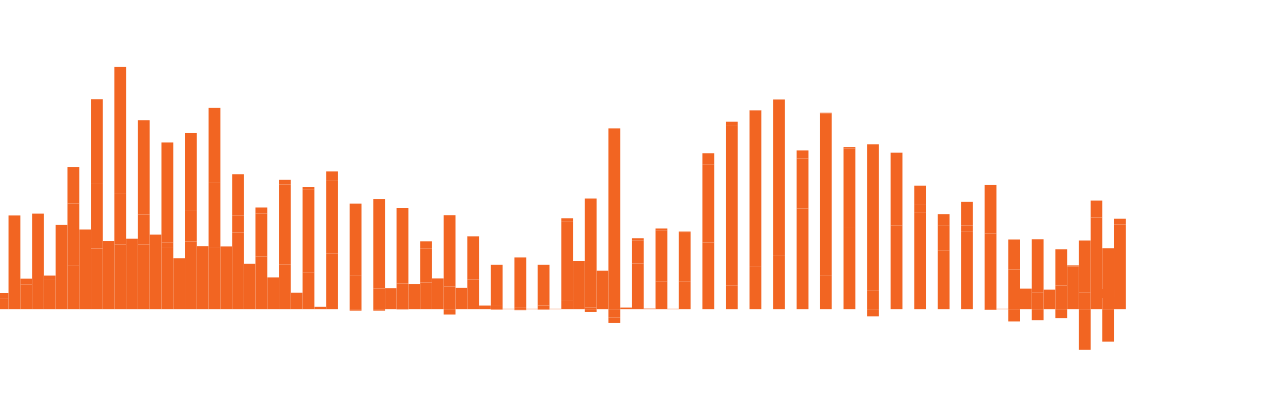
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

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

General Status / Issues / Breaking News

Last 24 hours' BM spend **Total: £1449k**

£60k
£50k
£40k
£30k
£20k
£10k
£0k
-£10k
-£20k

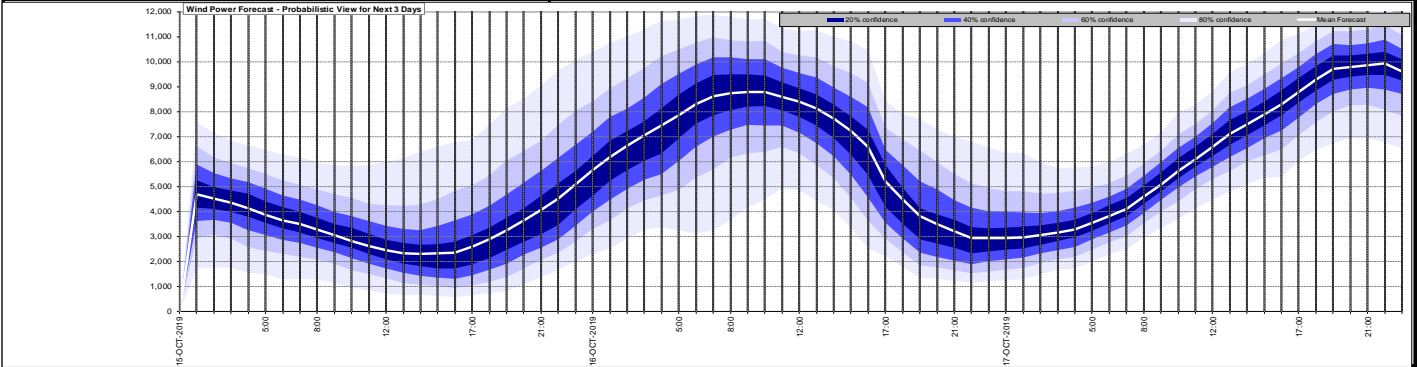


Yesterday's Market Summary

Cash out price (Max)	£82.50 / MWh (SP 17)
Cash Out Price (Min)	£15.51 / MWh (SP22, 23, 24)
Peak Demand Yesterday	41,554 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.

Wind Power Forecast



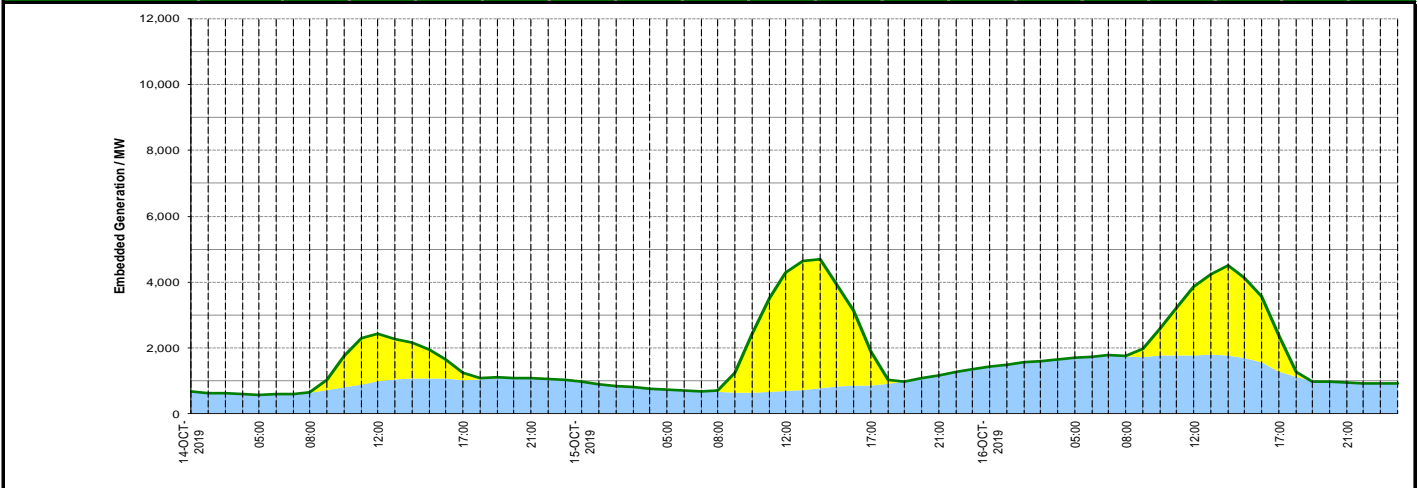
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	14-OCT-2019					15-OCT-2019					16-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	4	1440	218	0	0	0	55	3606	1018	0	0	0	14	2075	1090	0
Wind (MW)	574	632	979	1017	1071	975	734	646	676	857	1167	1415	1690	1736	1776	1279	938
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	574	636	2419	1235	1071	975	734	701	4282	1875	1167	1415	1690	1750	3851	2369	938



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunny spells and a few showers for southern England, whilst western Scotland sees the best of the weather and is largely fine and dry. Elsewhere, rather cloudy at first before occasional bright or sunny spells develop for some later.</p> <p>Tonight: Wet and windy weather with rain, heavy at times, spreads eastwards reaching all but the far east of the UK. Clearer, drier conditions follow into Northern Ireland by dawn.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No weather warnings are in force for the UK</p> <p>Flood Warning: There are 11 Flood Warnings issued for England</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