

**National Electricity
Transmission System Status Report**



national**grid**ESO

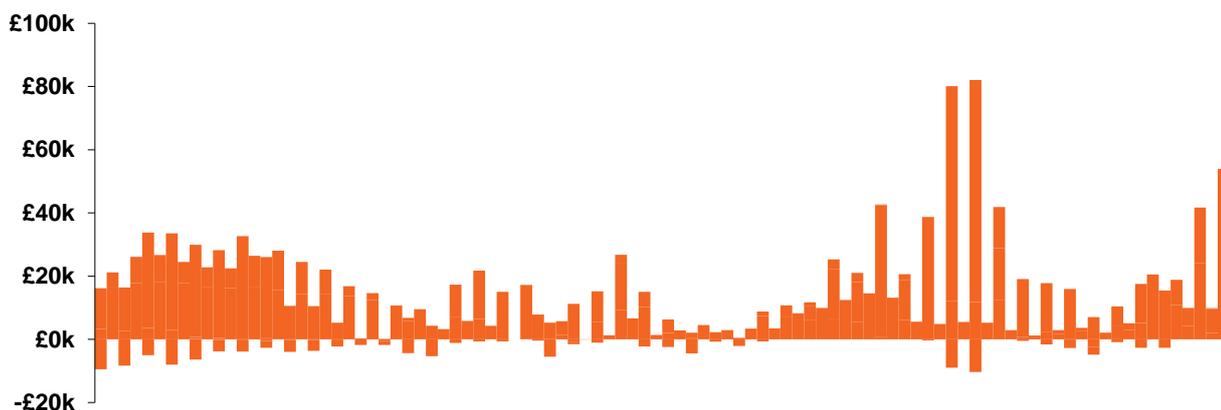
National Electricity Transmission System Status Report
Sunday 20 October 2019

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

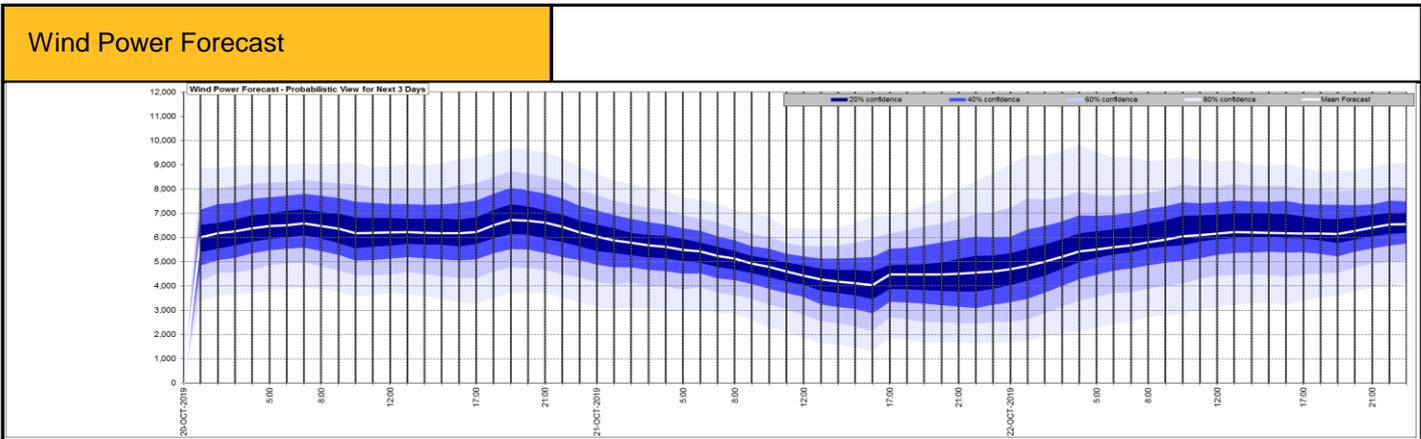
Last 24 hours' BM spend **Total: £1370k**



Yesterday's Market Summary

Cash out price (Max)	£95.00/MWh (SP 37-38)
Cash Out Price (Min)	£0.00/MWh (SP 29)
Peak Demand Yesterday	34,765 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	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



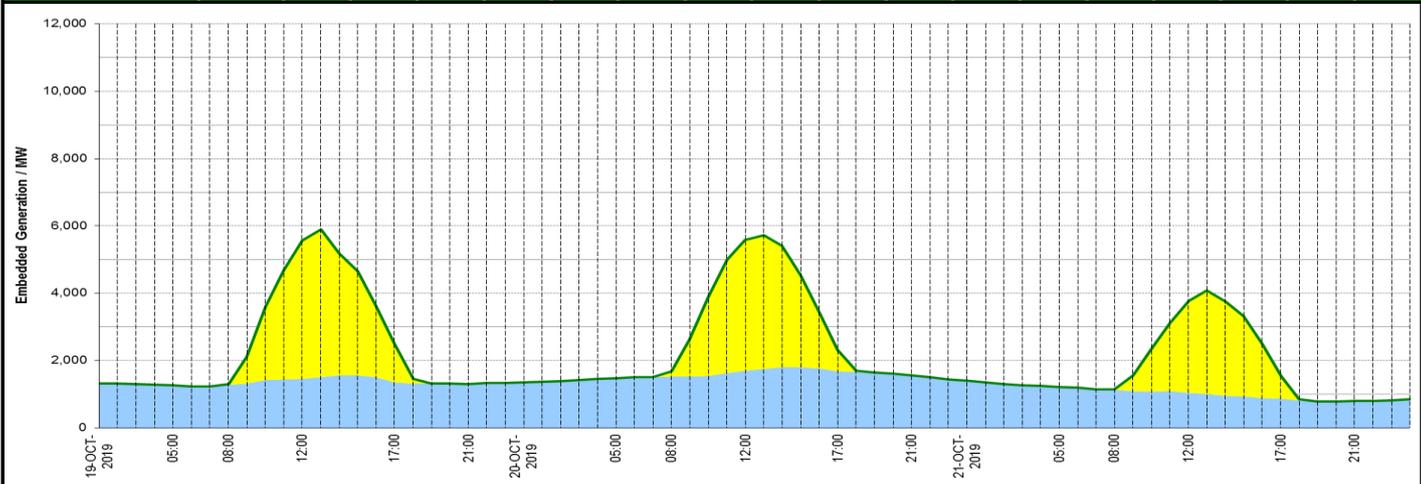
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	19-OCT-2019					20-OCT-2019					21-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	16	4120	1140	0	0	0	158	3875	646	0	0	0	18	2738	682	0
Wind (MW)	1259	1281	1454	1359	1308	1358	1476	1527	1703	1677	1569	1398	1218	1126	1040	869	797
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1259	1297	5574	2499	1308	1358	1476	1685	5578	2323	1569	1398	1218	1144	3778	1551	797



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early fog clearing, to bright and sunny spells. Chance of a few showers mainly on windward coastal areas in far southwest. Cloudier in the north, perhaps with a little rain at first, before becoming brighter with a few showers.</p> <p>Tonight: Rain over parts of Kent and East Anglia. Otherwise mainly dry with some clear spells. Cold with frost in Scotland, Northern Ireland and northern England. A few fog patches possible.</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 29 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