

**National Electricity
Transmission System Status Report**



national**grid**ESO

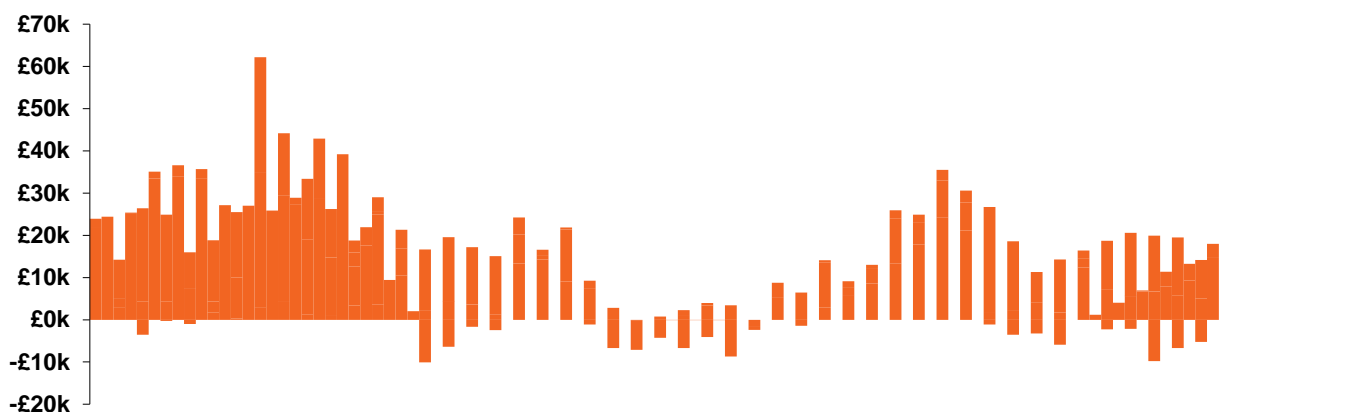
National Electricity Transmission System Status Report
Saturday 19 October 2019

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

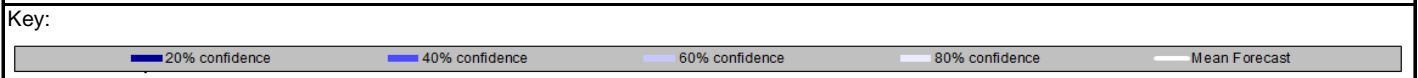
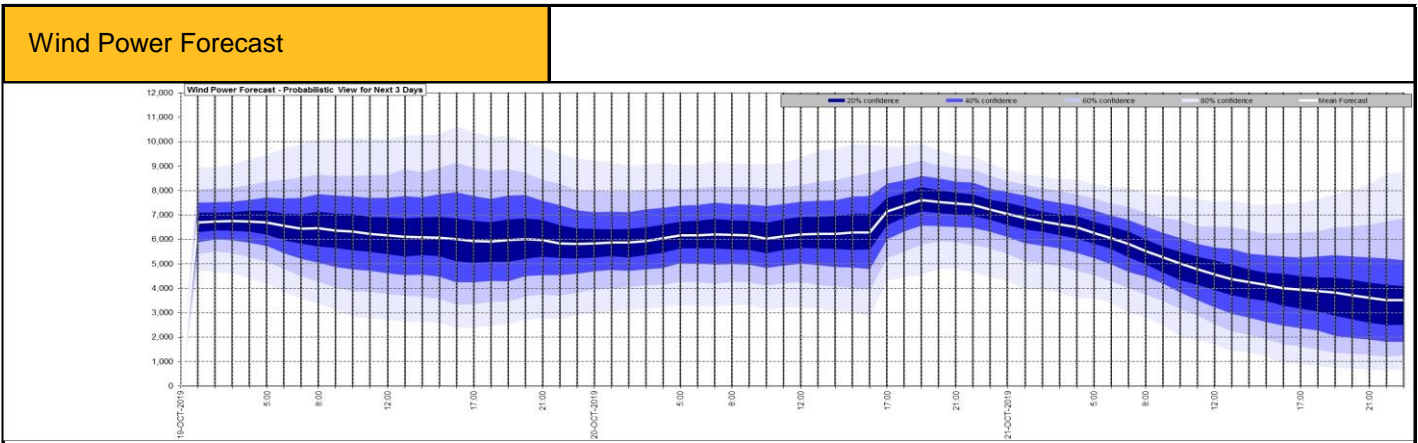
Last 24 hours' BM spend **Total: £1215k**



Yesterday's Market Summary

Cash out price (Max)	£65.35/MWh (SP 34-38)
Cash Out Price (Min)	£5.20/MWh (SP 29)
Peak Demand Yesterday	39,923 MW

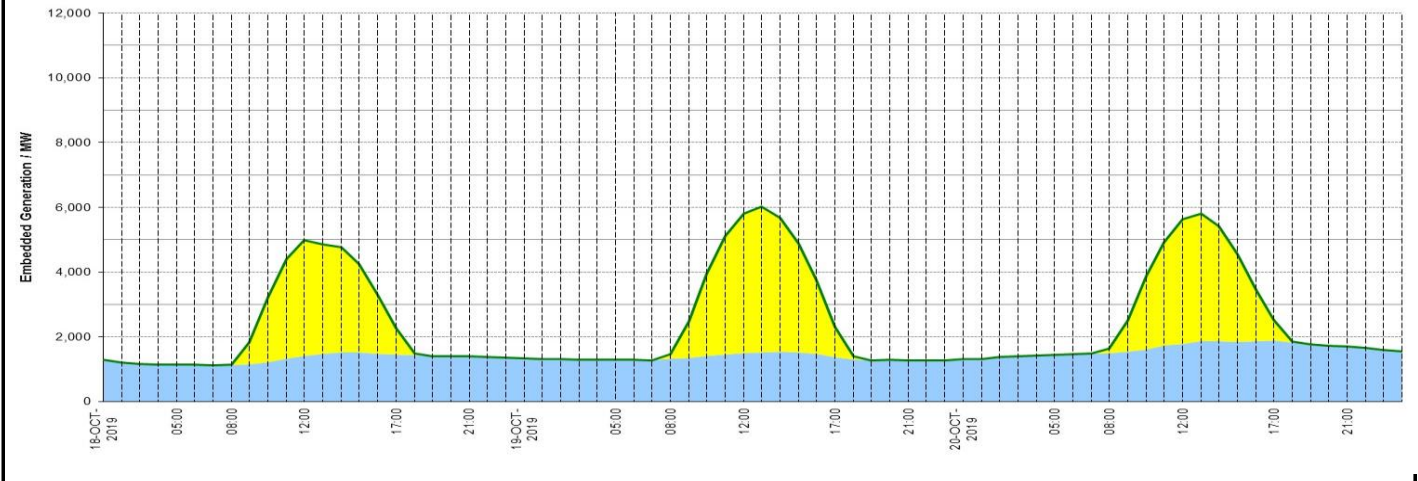
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available



Expected embedded generation (MWs)

Embedded Generation Forecast

	18-OCT-2019					19-OCT-2019					20-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	9	3570	805	1	0	0	141	4313	940	0	0	0	135	3839	638	0
Wind (MW)	1154	1129	1422	1465	1393	1341	1292	1321	1492	1373	1272	1310	1446	1502	1791	1889	1695
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1154	1138	4992	2270	1394	1341	1292	1462	5802	2315	1272	1310	1446	1637	5630	2527	1695



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunny spells and showers. The heaviest and most frequent showers probably over Wales and southwest England, whilst parts of southern Scotland and northeast England will see some more persistent rain. Windy for Scotland.</p> <p>Tonight: Showers becoming confined to the coasts of northern UK and perhaps the far southwest of England and Wales. Elsewhere, a chilly night with some fog patches in the south.</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>

Contains public sector information licensed under the Open Government Licence v1.0

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