

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Friday 18 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: £1771k**

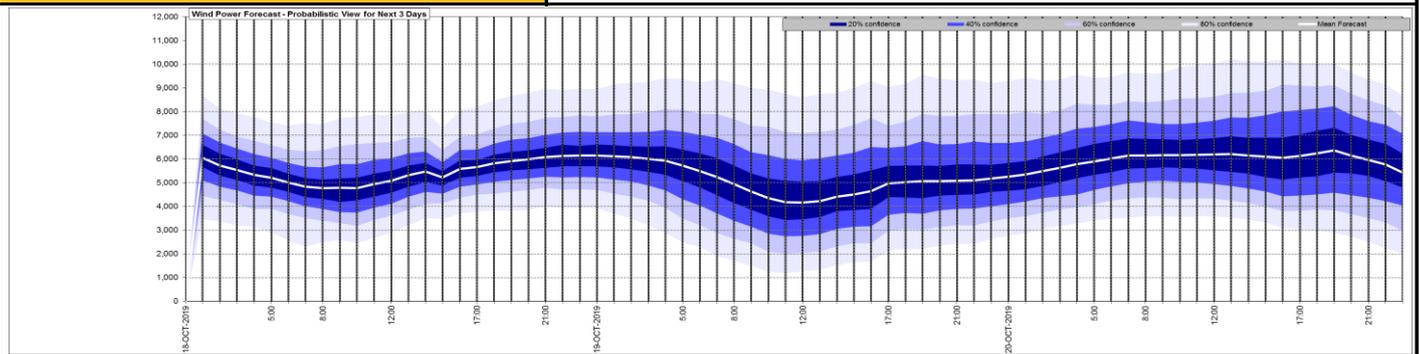


Yesterday's Market Summary

Cash out price (Max)	£75.00/MWh (SP 14)
Cash Out Price (Min)	£9.10/MWh (SP 10)
Peak Demand Yesterday	39,923 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Bipole outage
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available

Wind Power Forecast



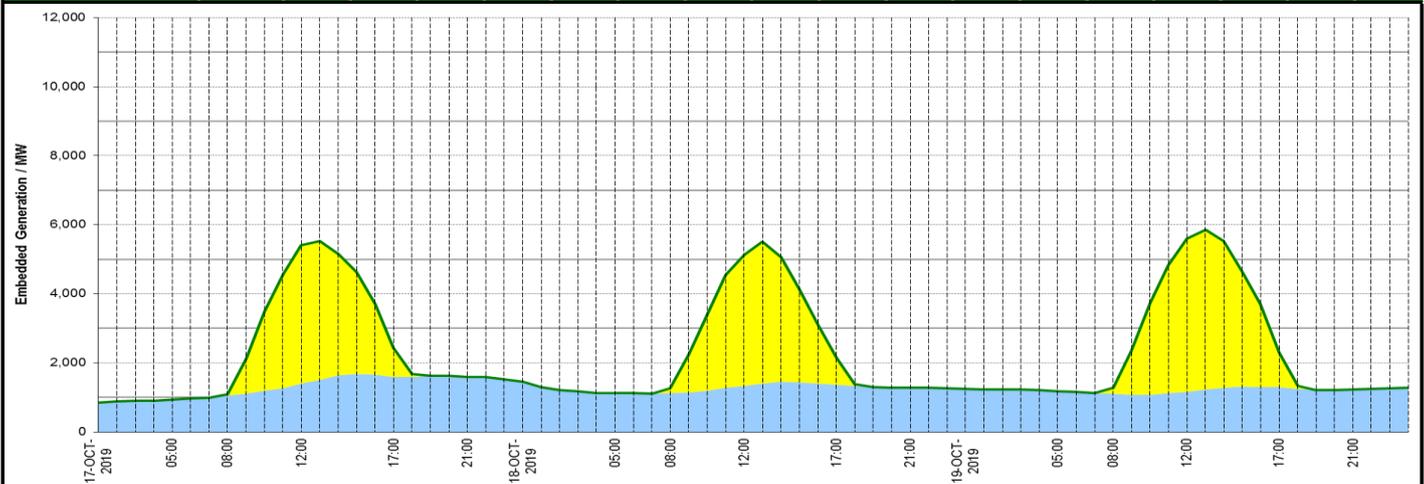
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	17-OCT-2019					18-OCT-2019					19-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	35	4010	856	0	0	0	146	3789	770	0	0	0	176	4427	996	0
Wind (MW)	932	1049	1393	1588	1595	1455	1131	1119	1338	1372	1286	1246	1181	1100	1162	1296	1228
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	932	1084	5403	2444	1595	1455	1131	1265	5127	2142	1286	1246	1181	1276	5589	2292	1228



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Further areas of rain and showers affecting the UK, particularly in the west and south. Eastern Scotland seeing some more persistent rain developing from later in the morning. Windy in the south with coastal gales.</p> <p>Tonight: Showers dying out for many but some rain continuing over parts of north Wales, northern England, Northern Ireland, and Scotland. Winds easing in the south but increasing in the north.</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