

**National Electricity
Transmission System Status Report**



nationalgridESO

National Electricity Transmission System Status Report
Friday 20 September 2019

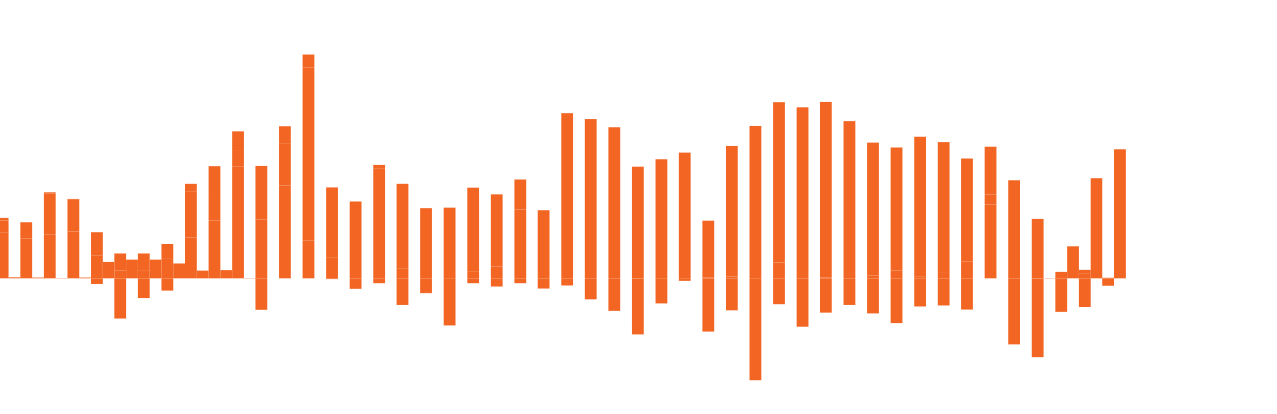
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

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

General Status / Issues / Breaking News

Last 24 hours' BM spend **Total: £663k**

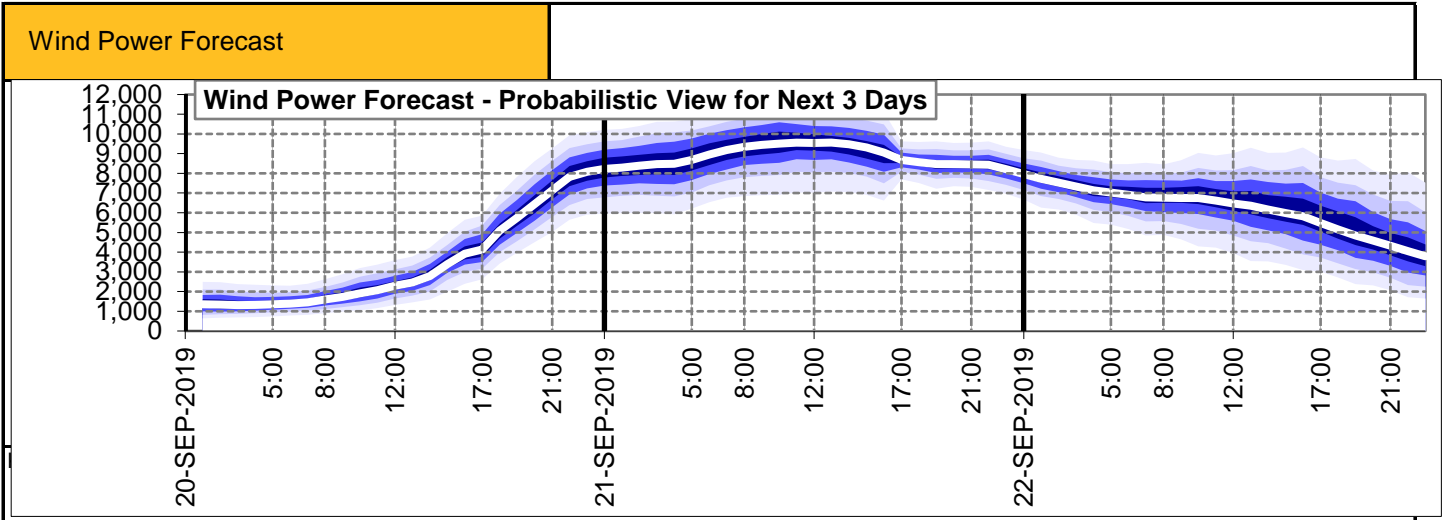
£40k
£30k
£20k
£10k
£0k
-£10k
-£20k



Yesterday's Market Summary

Cash out price (Max)	£70.49 (SP 17,23)
Cash Out Price (Min)	£22.80 (SP 6,7,12)
Peak Demand Yesterday	36,504 MW

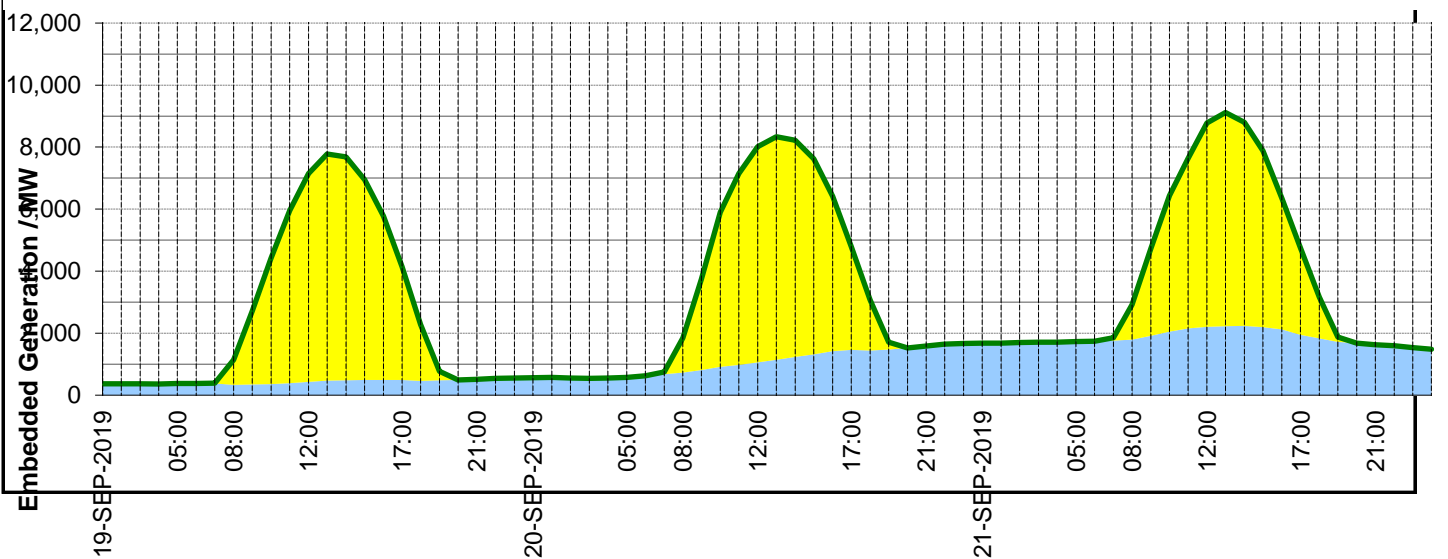
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-SEP-2019					20-SEP-2019					21-SEP-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)	1	812	6710	3650	2	0	0	1116	6954	3334	0	0	0	1119	6571	2800	0
Wind (MW)	381	332	433	490	507	564	575	726	1063	1459	1585	1678	1725	1793	2206	1951	1629
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	382	1144	7143	4140	509	564	575	1842	8017	4793	1585	1678	1725	2912	8777	4751	1629



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A dry, warm and sunny day across the UK with little in the way of cloud once any morning fog clears. Winds increasing from the south with local gales possible in parts of the southwest later</p> <p>Tonight: Another dry night but a little less cold than Thursday night. Strong winds continuing in western areas with local gales in the southwest. Some cloud forming in the northeast..</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No warnings</p> <p>Flood Warnings: No flood warnings are currently in force</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