National Electricity
Transmission System Status Report

national**grid**ESO

National Electricity Transmission System Status Report
Monday 21 September 2020

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

Today's Minimum De-Rated Margin	2027 (SP 40)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1000 MW
	Demand	560 MW

Last 24 hours' BM spend   **Total: £1494k**
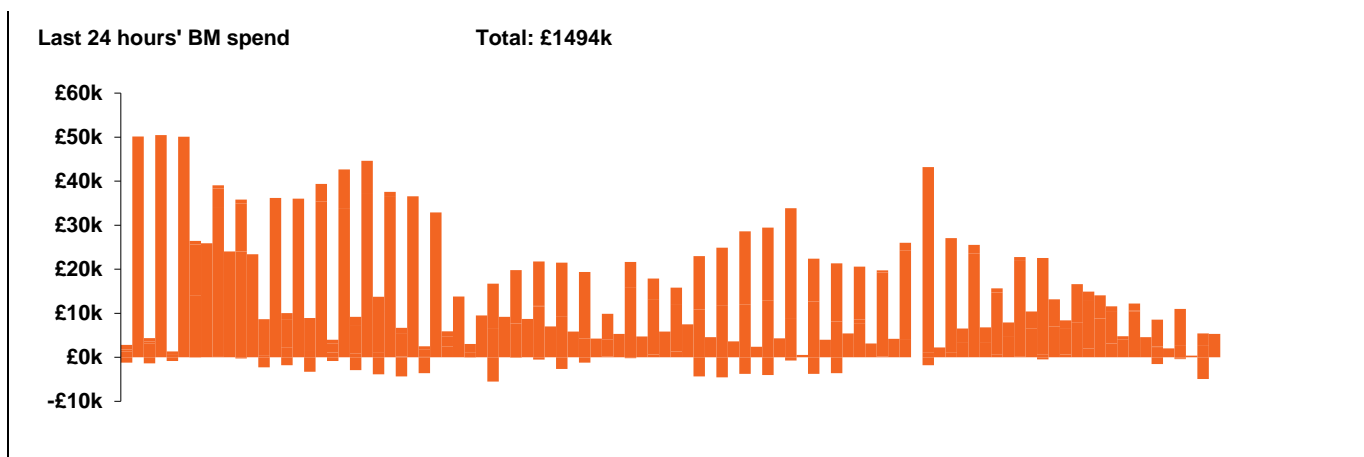
Yesterday's Market Summary	
Cash out price (Max)	£68.95 (SP 36)
Cash Out Price (Min)	£2.00 (SP 2 & 47)
Peak Demand Yesterday	32,118 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Planned Outage
France (IFA)	2000	2000	Fully available
Belgium (Nemo)	0	0	Planned Outage
Ireland (EWIC)	530	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully available

Wind Power Forecast
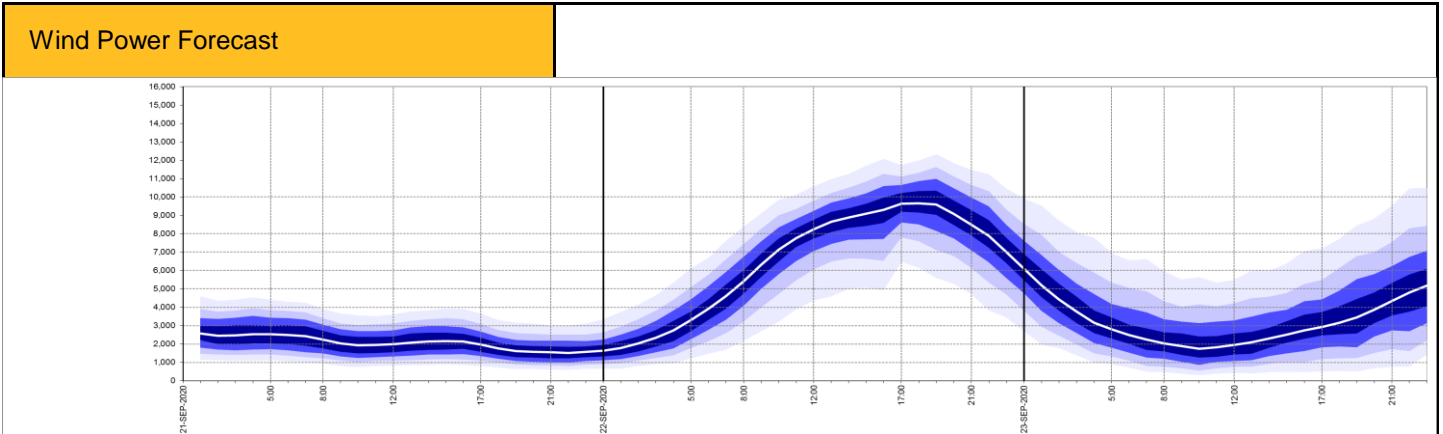
Key:

Expected embedded generation (MWs)

Embedded Generation Forecast

	20-SEP-2020					21-SEP-2020						22-SEP-2020					
	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	367	5810	2930	0	0	0	836	6823	3084	0	0	0	807	5288	2131	0
Wind (MW)	1049	1052	1074	904	767	644	558	554	703	702	444	462	939	1379	2319	2488	1719
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1049	1419	6884	3834	767	644	558	1390	7526	3786	444	462	939	2186	7607	4619	1719
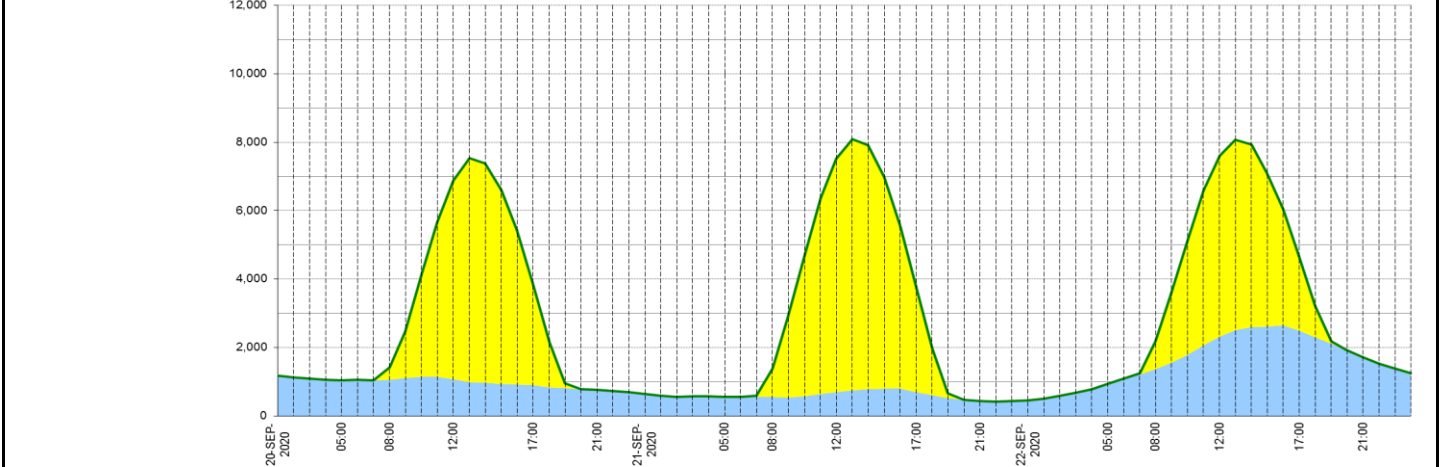
Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	**Today:** Fog patches may take until mid-morning to clear from some places, else plenty of warm sunshine. Turning cloudier and windier across northern and western Scotland with some rain later. **Tonight:** Windy in the far north and northwest with rain at times. Dry elsewhere with clear periods and some mist and fog patches forming.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	**Weather Warnings:** No weather warnings are in force for the UK **Flood Warnings:** No flood warnings are currently in force in England. No flood warnings are currently in force in Scotland No flood warnings are currently in force in Wales

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