

**National Electricity
Transmission System Status Report**



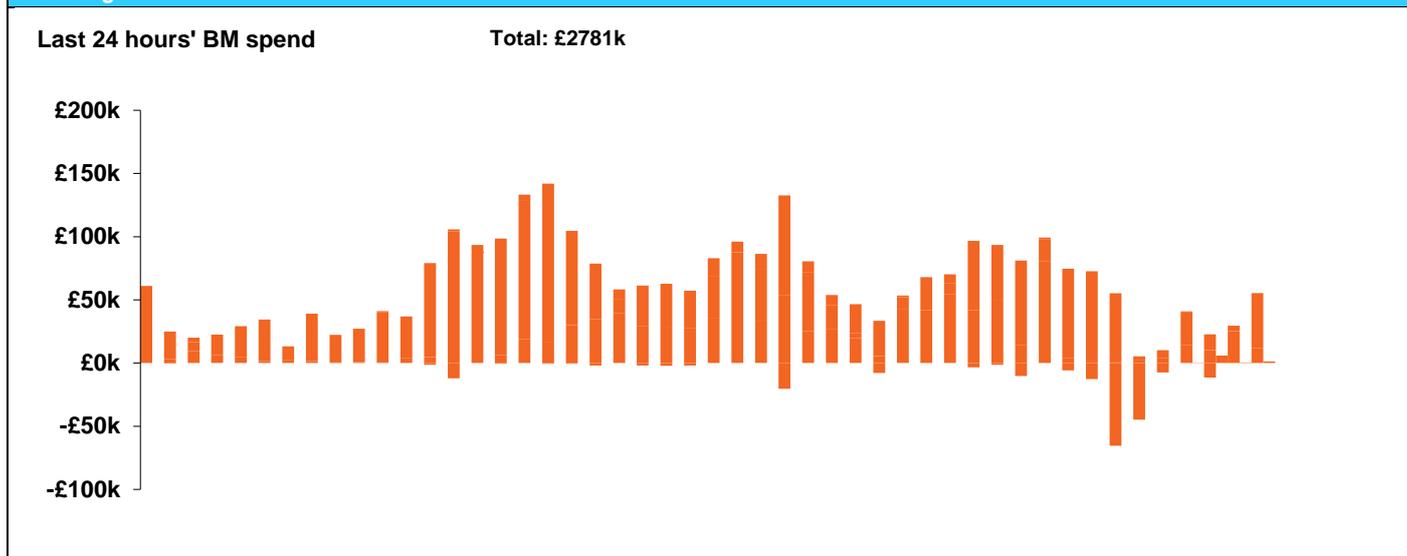
national**grid**ESO

National Electricity Transmission System Status Report
Sunday 19 September 2021

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

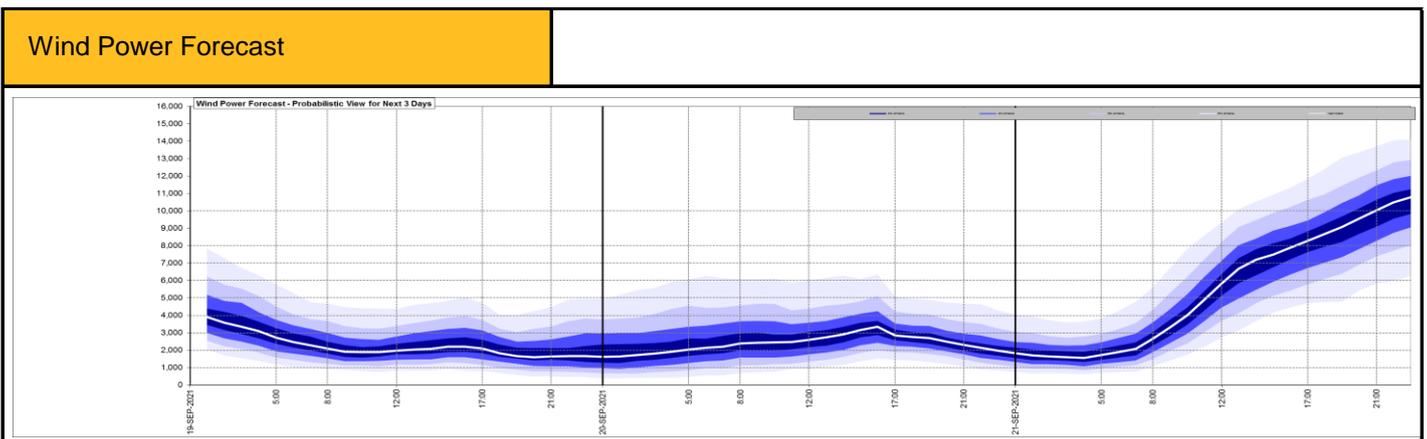
Today's Minimum De-Rated Margin	2840 MW (SP 40)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£162.90/MWh (SP3)
Cash Out Price (Min)	£2/MWh (SP23)
Peak Demand Yesterday	33559MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	0	0	Not Available / Commissioning
ElecLink	0	0	Not Available / Testing

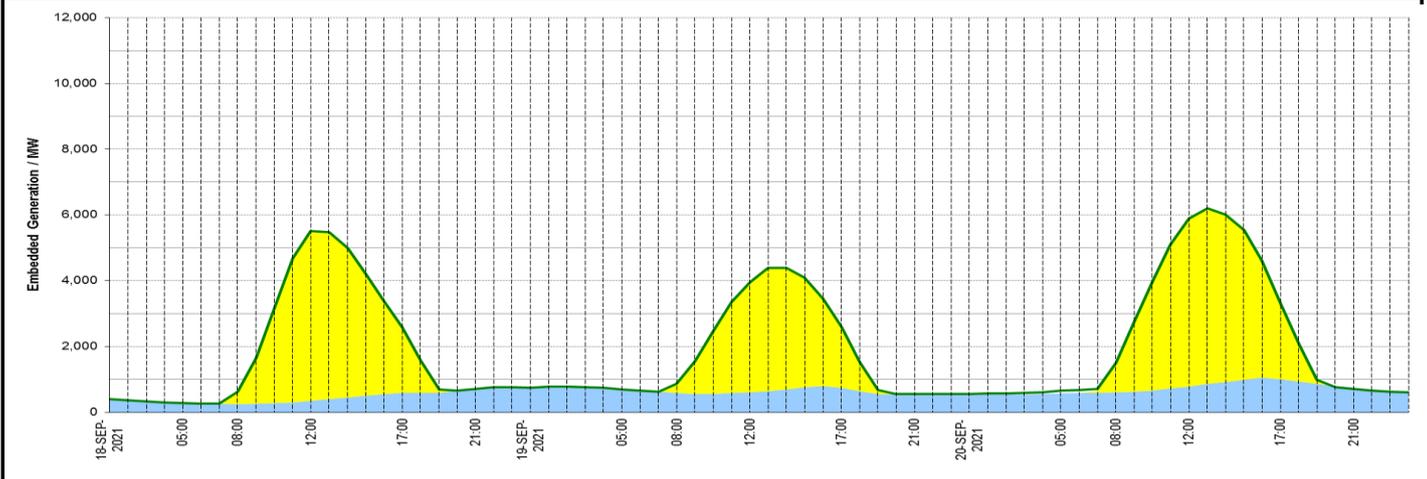


Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast	18-SEP-2	272	244	343	592	707	740	695	591	608	749	528	525	579	610	783	998	739
Solar (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind (MW)	272	627	5503	2592	707	740	693	867	3956	2592	554	557	654	1507	5892	3310	708	
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (MW)	1489	2141	6305	3755	775	484	311	881	4657	2759	687	767	651	1012	3249	2209	460	



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Dry start across eastern areas with some sunny spells developing. Cloud and outbreaks of rain across central and western areas moving eastwards to become slow moving this afternoon, with some heavy downpours developing. Turning brighter in western areas</p> <p>Tonight: Heavy, thundery showers in eastern Britain slowly petering out through second half of the night. Elsewhere, mainly dry with some clear spells developing. Chilly compared with recent nights</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow weather warning</p> <p>Areas affected: East Midlands East of England London & South East England North East England North West England South West England West Midlands Yorkshire & Humber</p> <p>Flood Warnings: 0 Flood Warnings and 0 Flood Alerts issued for England. 0 Flood Warnings and 0 Flood Alerts issued for Scotland. 0 Flood Warnings and 0 Flood Alerts issued for Wales.</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