

**National Electricity
Transmission System Status Report**

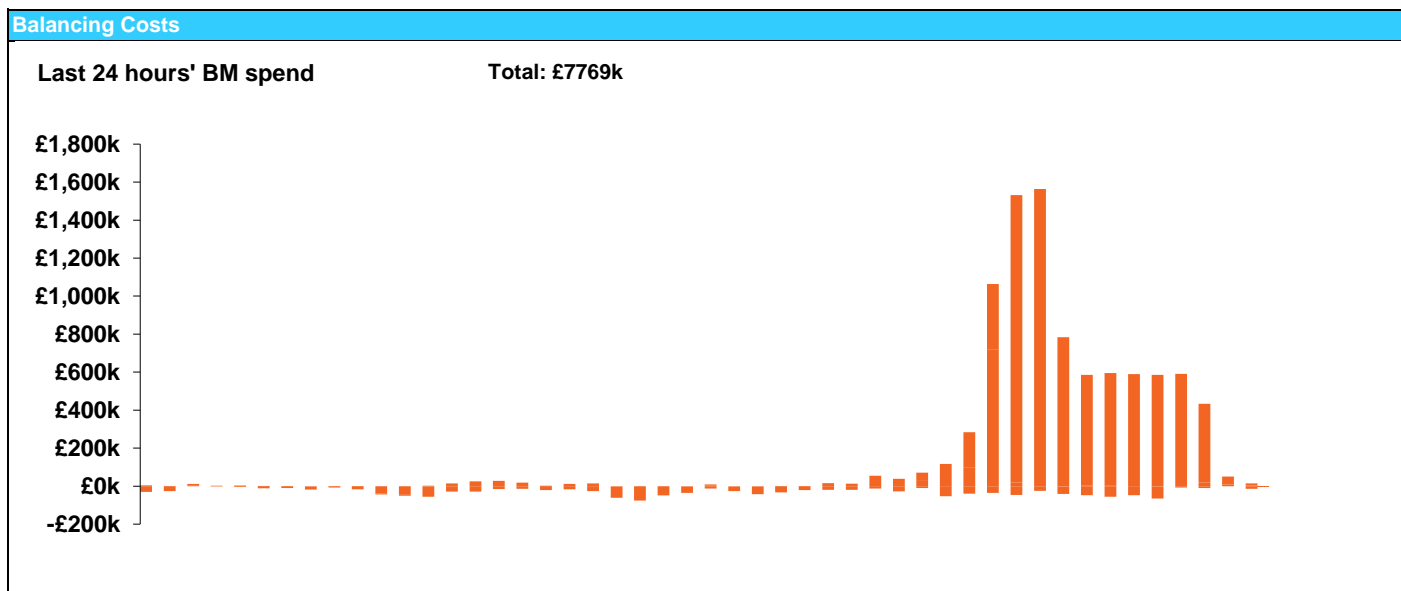


national**grid**ESO

National Electricity Transmission System Status Report
Friday 17 September 2021

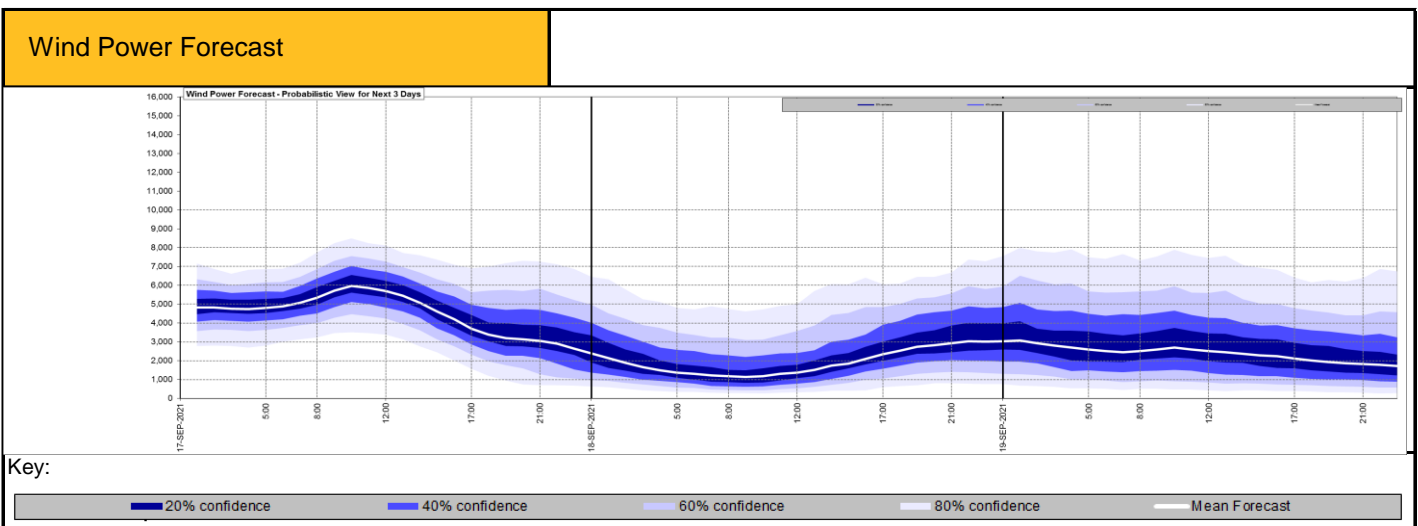
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	3405 MW (SP41)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



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

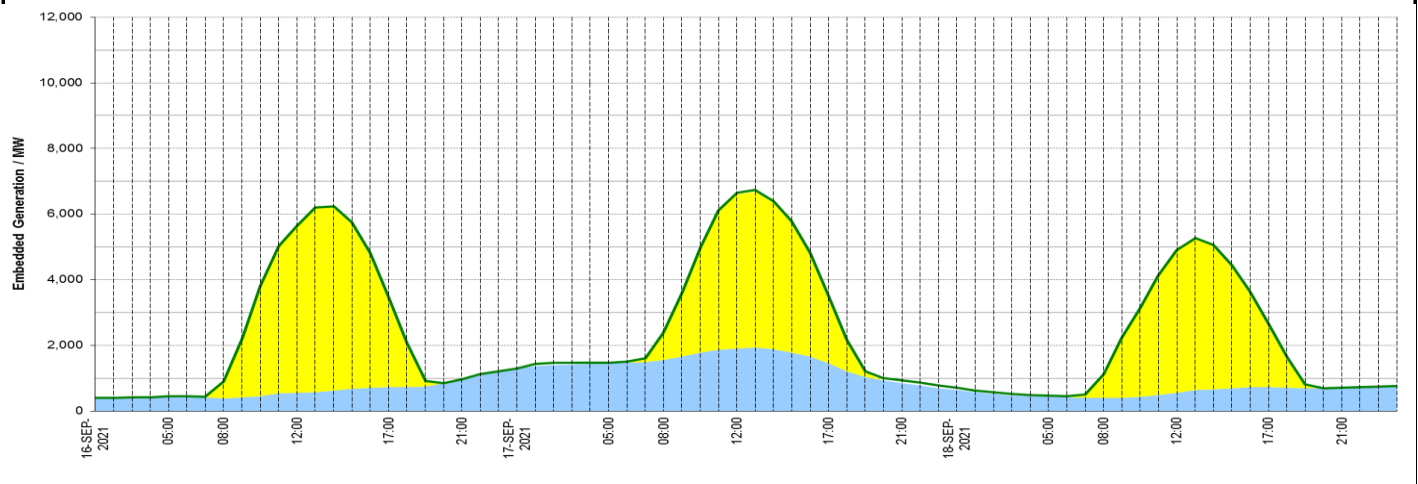
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully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



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-SEP-2	450	390	546	722	966	1290	1448	1551	1910	1445	854	634	425	392	552	730	733
Solar (MW)	0	0	0	0	0	0	0	0	605	5144	2493	0	0	0	962	5359	2441	0
Wind (MW)	450	908	5636	3492	966	1292	1472	2378	6655	3498	935	703	475	1119	4902	2662	710	
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)		861	807	2407	1979	369	325	364	932	5491	2949	313	328	404	1344	5808	2987	730



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Occasional rain for parts of the west and northwest, heavy for parts of western Scotland, occasionally spilling across to northeast Scotland. Many southern, central and eastern areas fine with warm sunny spells developing after early fog and low cloud lifts.</p> <p>Tonight: Southeastern parts of the UK mostly fine with patchy low cloud and fog. Heavier rain crossing northern Scotland, while weakening rainband stalls, stretching roughly from eastern Scotland to southwest England.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: None</p> <p>Flood Warnings: 0 Flood Warnings and 0 Flood Alerts issued for England. 0 Flood Warnings and 2 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