

**National Electricity
Transmission System Status Report**

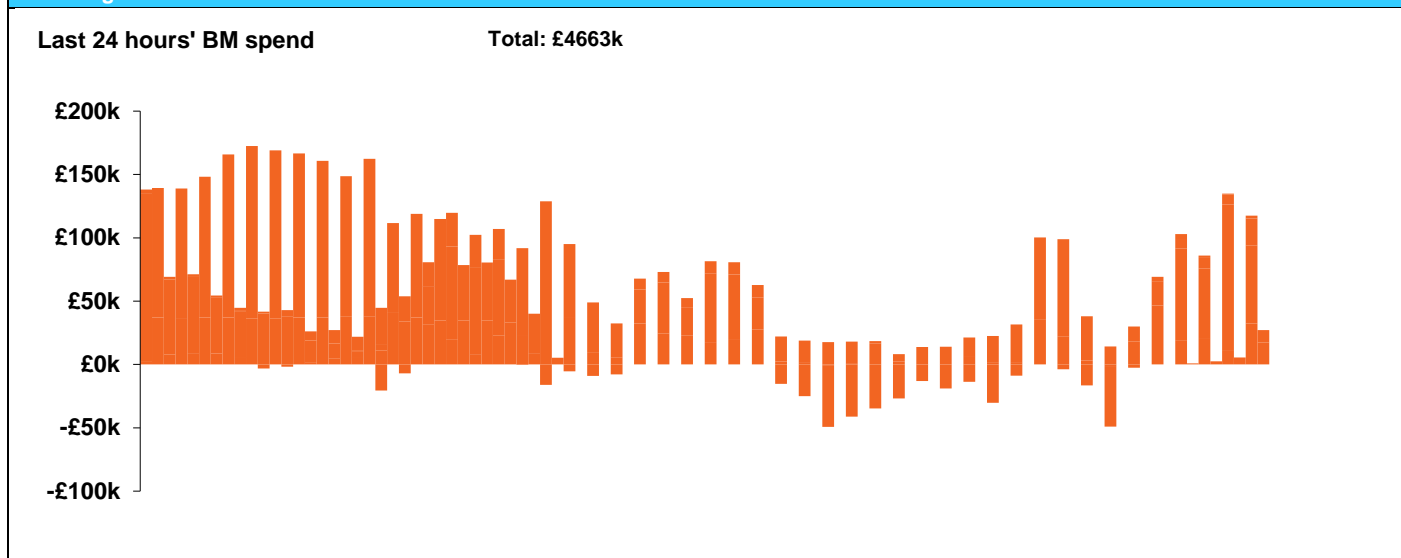


National Electricity Transmission System Status Report
Thursday 23 September 2021

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

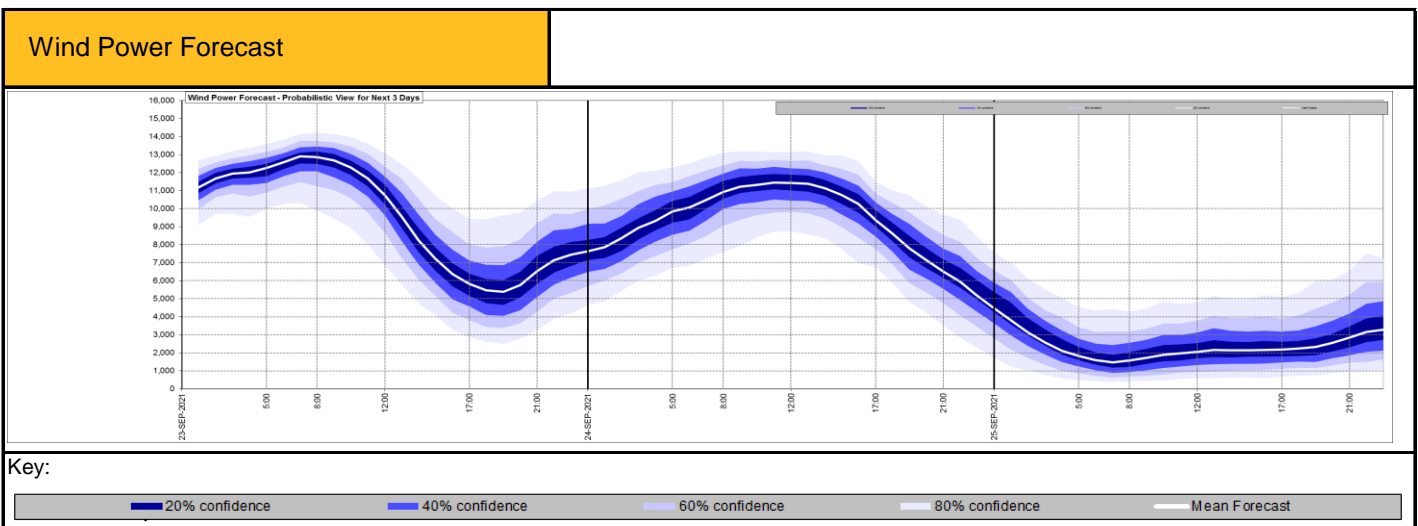
Today's Minimum De-Rated Margin	5051.052 MW (SP 40)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£240/MWh (SP40)
Cash Out Price (Min)	£106.60/MWh (SP10)
Peak Demand Yesterday	33535MW

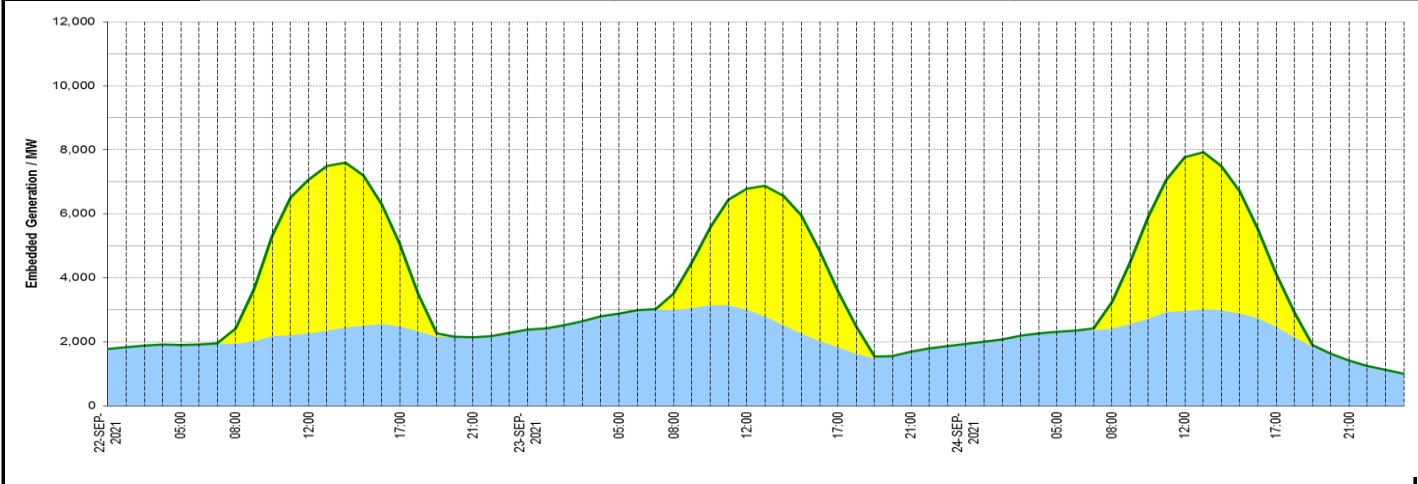
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	0	0	Outage
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available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



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-SEP-2021					23-SEP-2021					24-SEP-2021						
	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	479	4800	2570	0	0	0	513	3777	1727	0	0	0	830	4796	1654	0
Wind (MW)	1908	1938	2259	2491	2144	2388	2883	2990	3014	1829	1690	1943	2321	2416	2977	2468	1419
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1908	2417	7059	5061	2144	2388	2883	3503	6791	3556	1690	1943	2321	3246	7773	4122	1419



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Severe gales and squally showers at first across the far north, otherwise mostly dry, warm and fine with the best of any sunshine in eastern and central parts. Thicker cloud may bring some patchy rain at times to the west</p> <p>Tonight: Mostly cloudy in the north and west with some rain or drizzle at times. Mostly dry with variable cloud and clear spells elsewhere. Becoming increasingly breezy especially 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 Warnings: 0 Flood Warnings and 2 Flood Alerts issued for England. 1 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