

**National Electricity
Transmission System Status Report**

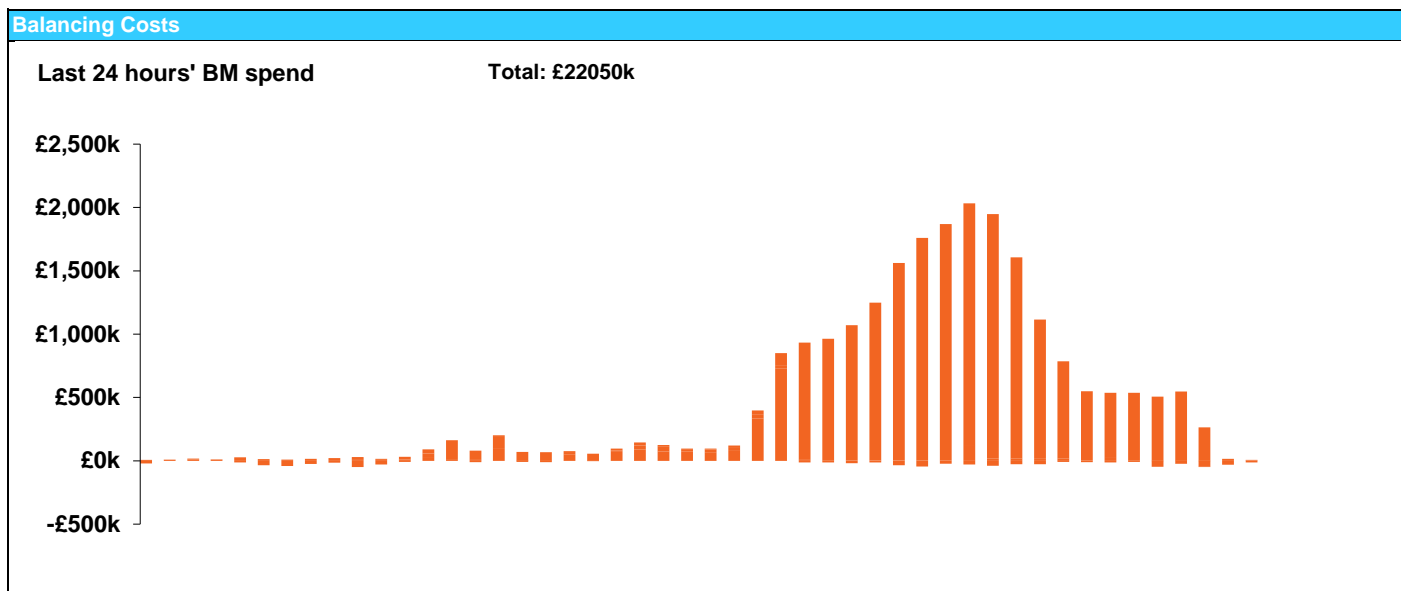


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 15 September 2021

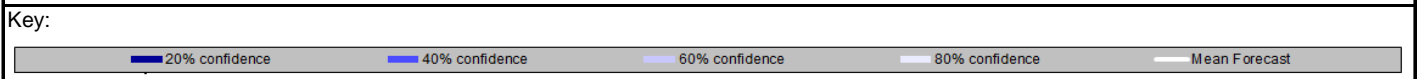
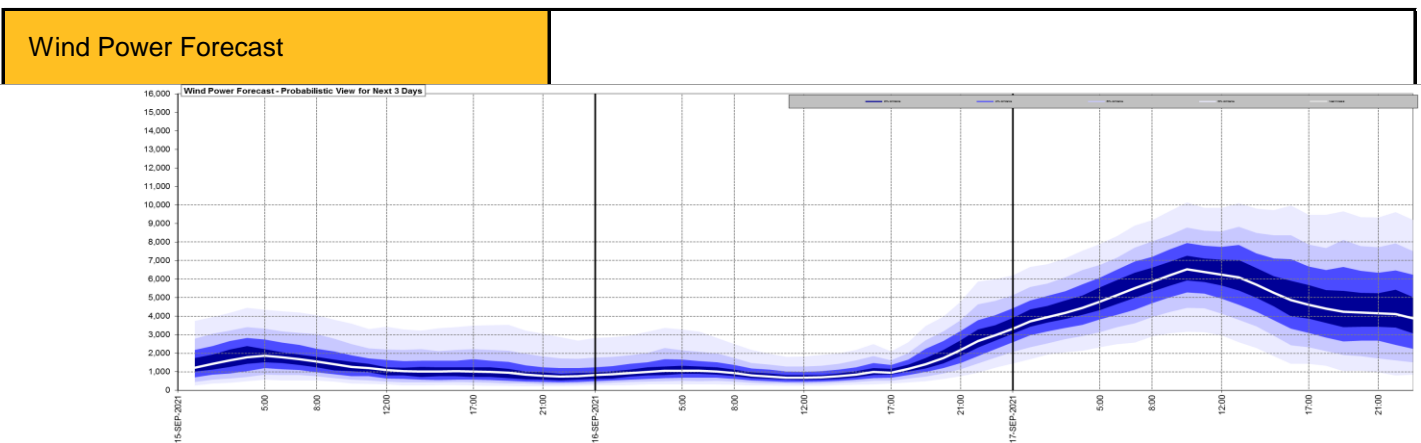
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	2006 MW (SP39)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£449.85/MWh (SP16)
Cash Out Price (Min)	£92.10/MWh (SP5)
Peak Demand Yesterday	34,598

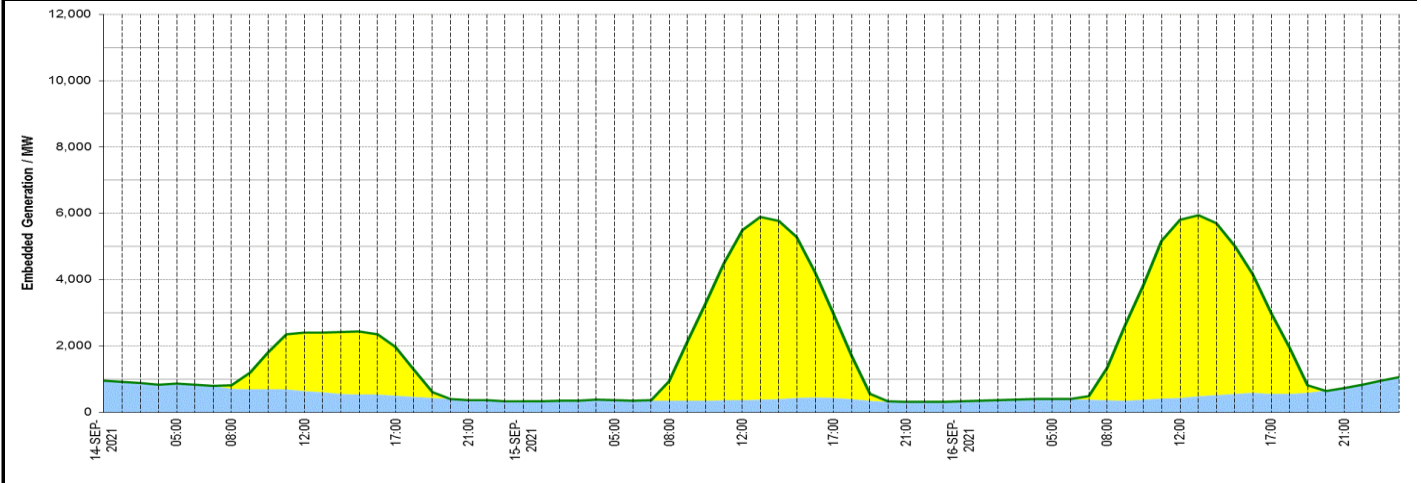
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully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



Expected embedded generation (MWs)

Embedded Generation Forecast

	14-SEP-2021					15-SEP-2021					16-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	90	1760	1470	0	0	0	605	5144	2493	0	0	0	962	5359	2441	0
Wind (MW)	861	717	647	509	369	325	372	347	361	428	294	317	386	357	440	557	738
STOR (MW)	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: Drizzle in eastern England dying out this morning. Fog clearing and low cloud breaking to leave a mostly dry day with sunny spells. Feeling warm in light winds, especially in the south. Showers moving eastwards across Northern Ireland and Scotland.</p> <p>Tonight: A band of cloud and showers moving east across Scotland, northern England and north Wales, the showers mostly dying out. Dry elsewhere with clear spells, a few fog patches forming.</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