

**National Electricity
Transmission System Status Report**

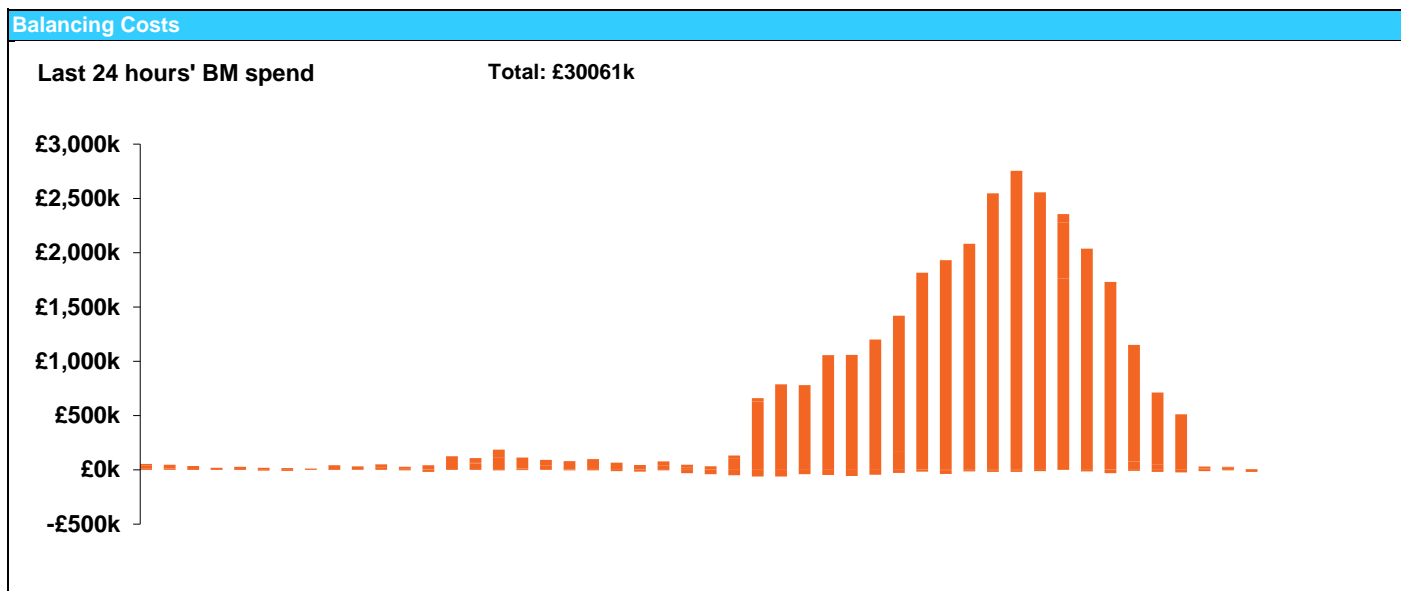


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 16 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	-829 MW (SP36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

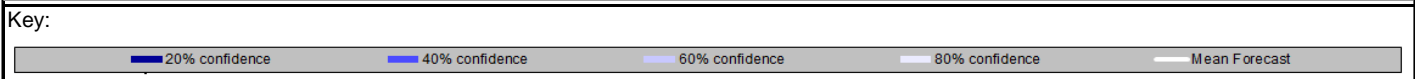
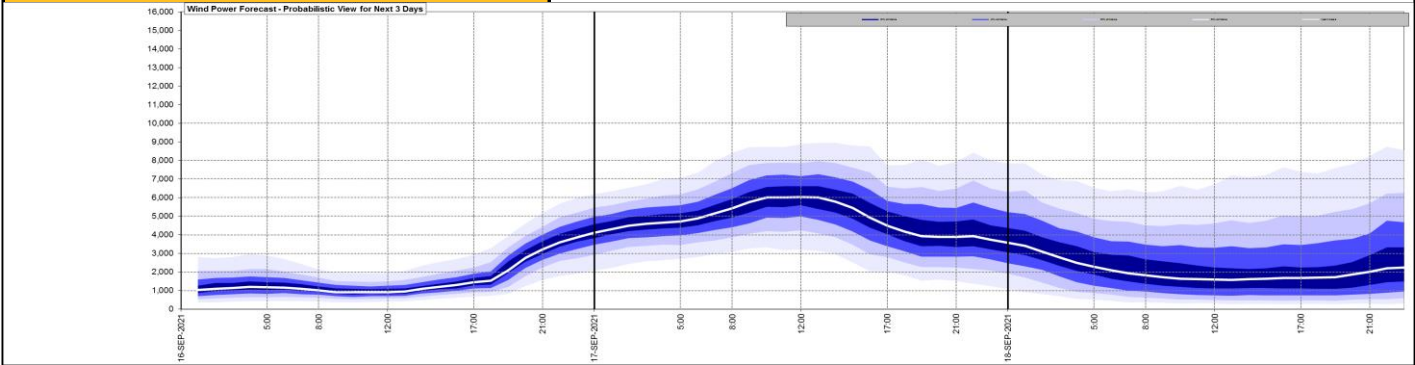


Yesterday's Market Summary	
Cash out price (Max)	£3,750/MWh (SP40)
Cash Out Price (Min)	£103/MWh (SP13)
Peak Demand Yesterday	33295MW

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

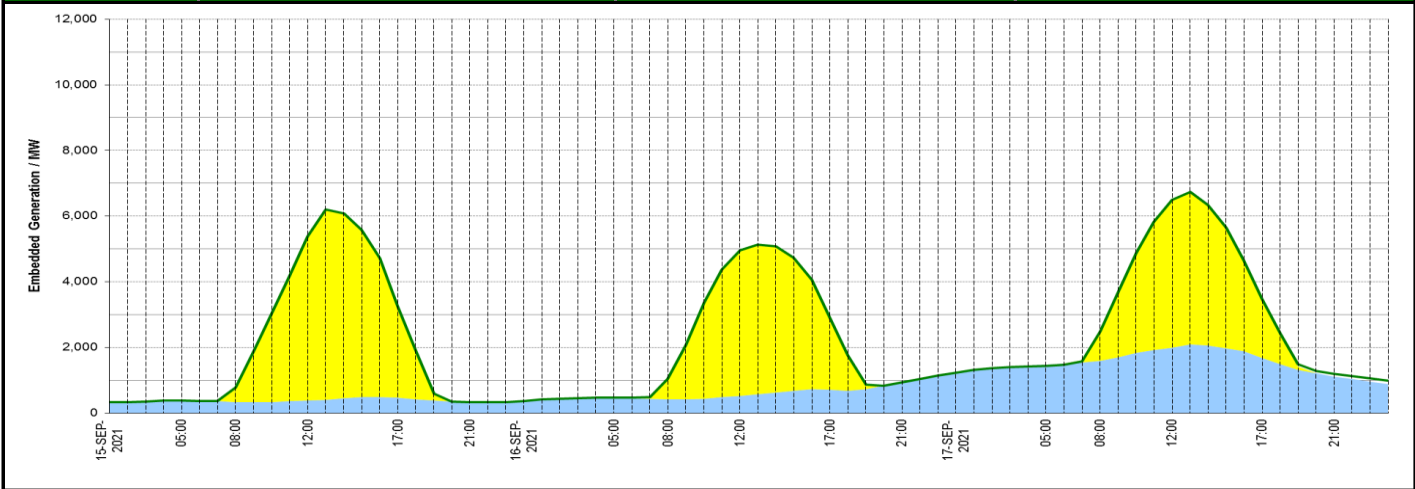
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-SEP-2	382	333	375	465	327	357	447	414	512	714	923	1238	1465	1583	1981	1683	1113
Solar (MW)	0	0	90	1760	1470	0	0	0	605	5144	2493	0	0	0	962	5359	2441	0
Wind (MW)	382	779	5365	3265	327	357	467	1031	4962	2886	933	1232	1435	2480	6503	3471	1198	
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: Fog patches soon clearing, then most parts dry with broken cloud and sunny spells. An isolated light shower is possible. Feeling warm in light winds, especially in the south and east. Turning wet and windy in the far northwest later.</p> <p>Tonight: Windy in the northwest with spells of rain across Northern Ireland and Scotland. Dry with clear spells in the south and east, with some patchy low cloud and fog 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