

**National Electricity
Transmission System Status Report**

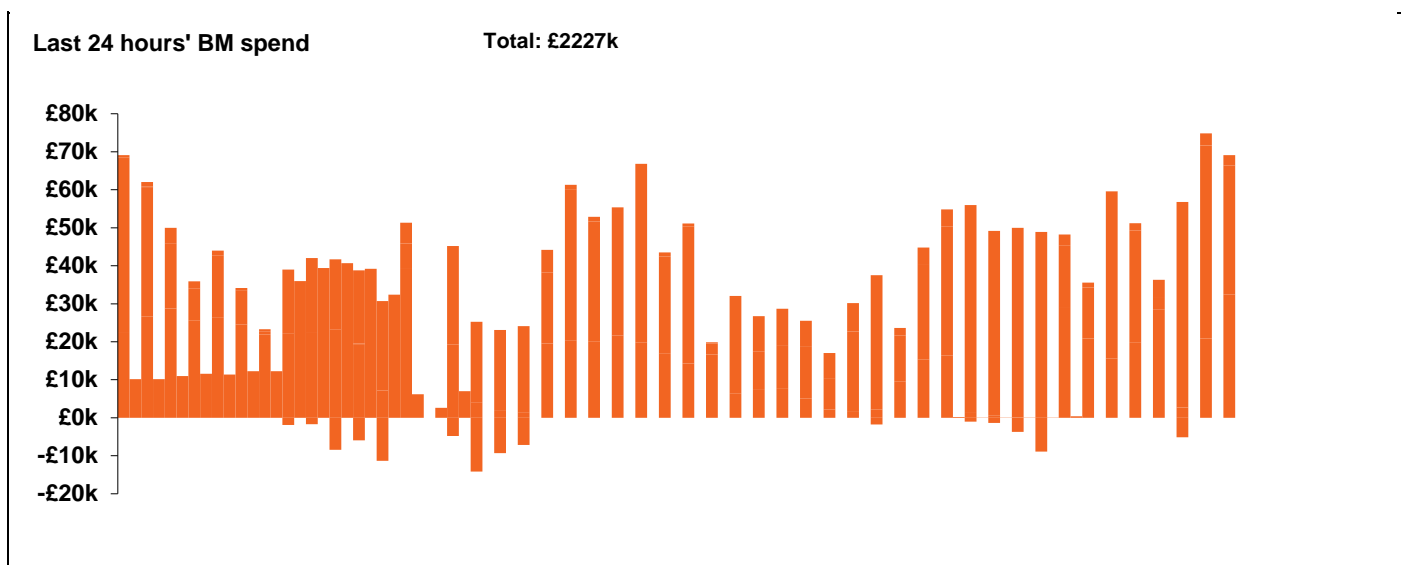


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 31 July 2021

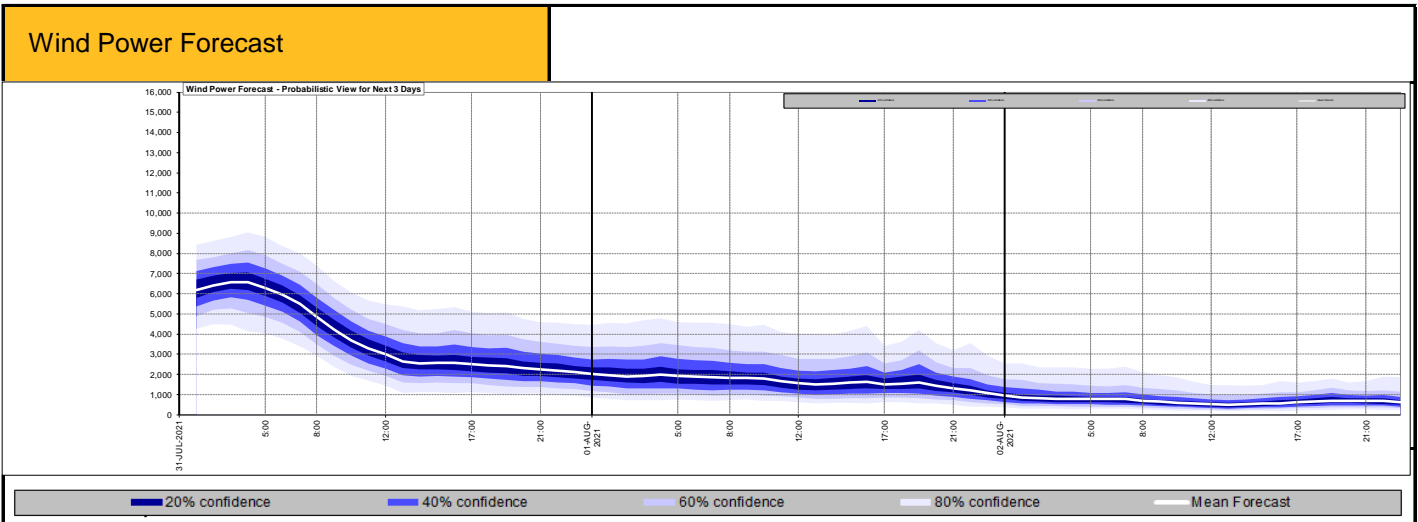
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	4910 (SP47)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£126.95/MWh (SPs 20, 36)
Cash Out Price (Min)	£38.74/MWh (SP12)
Peak Demand Yesterday	30,474MW

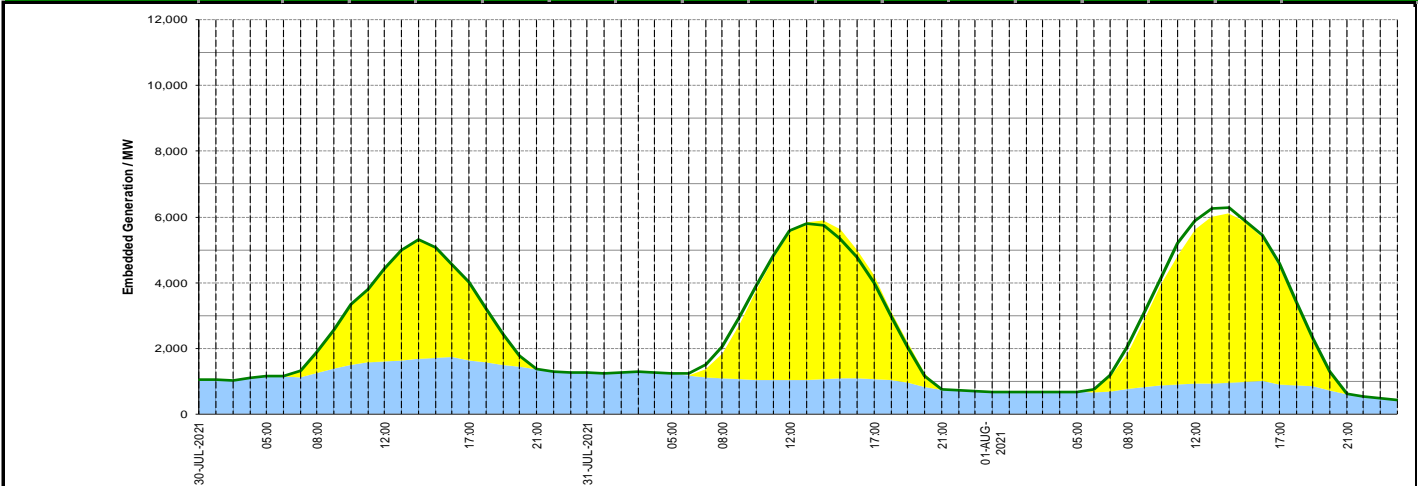
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available



Expected embedded generation (MWs)

Embedded Generation Forecast

	30-JUL-2021					31-JUL-2021					01-AUG-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	0	632	2830	2390	12	1	0	754	4522	3172	0	0	0	1087	4692	3627	30
Wind (MW)	1742	1168	1247	1605	1623	1361	1262	1233	1080	1026	1069	752	670	675	755	920	899	598
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1742	1168	1879	4435	4013	1373	1263	1233	2060	5571	3986	752	670	675	2037	5869	4572	629



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Some sunshine but also showers becoming more widespread, these most frequent and heavy over eastern, central and southern England where some thunderstorms are expected this afternoon. The best of any dry and bright weather expected in the north and west.</p> <p>Tonight: Evening showers tending to die out with just a few continuing mainly in the northeast and southwest of the United Kingdom. Elsewhere largely dry and fine. Cool 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: 1 x Flood Alert and no Flood Warnings in force in Great Britain. There are no Flood Alerts or Flood Warnings in force in Scotland and 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