

**National Electricity
Transmission System Status Report**

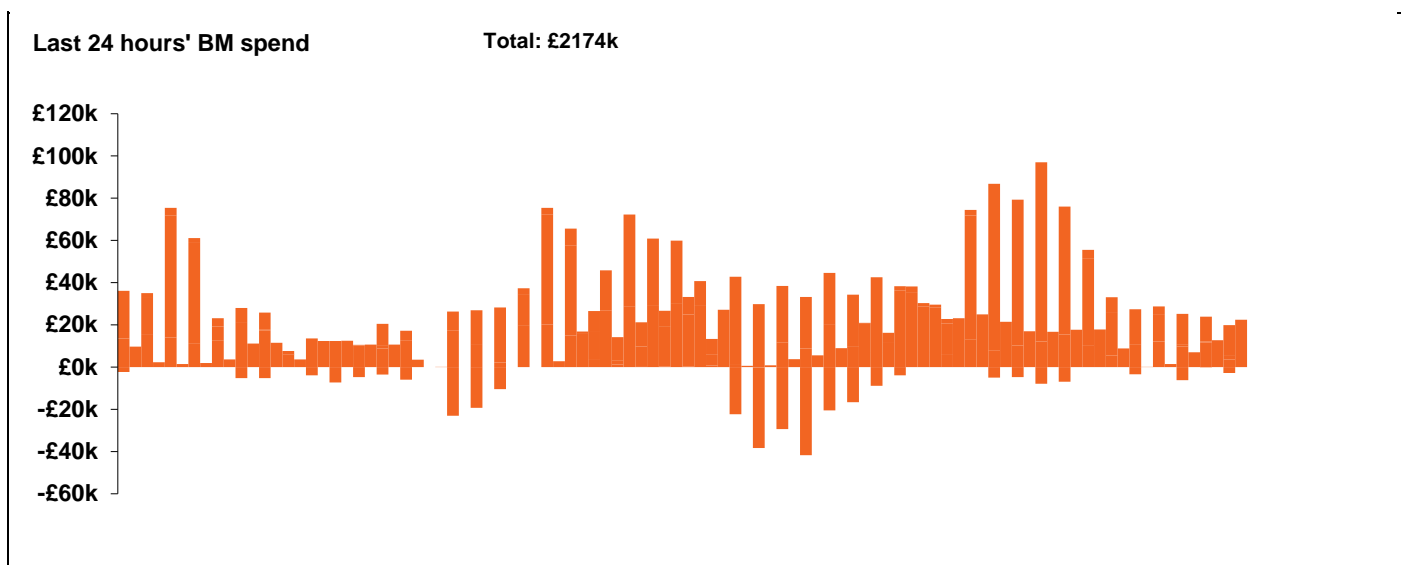


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 07 July 2021

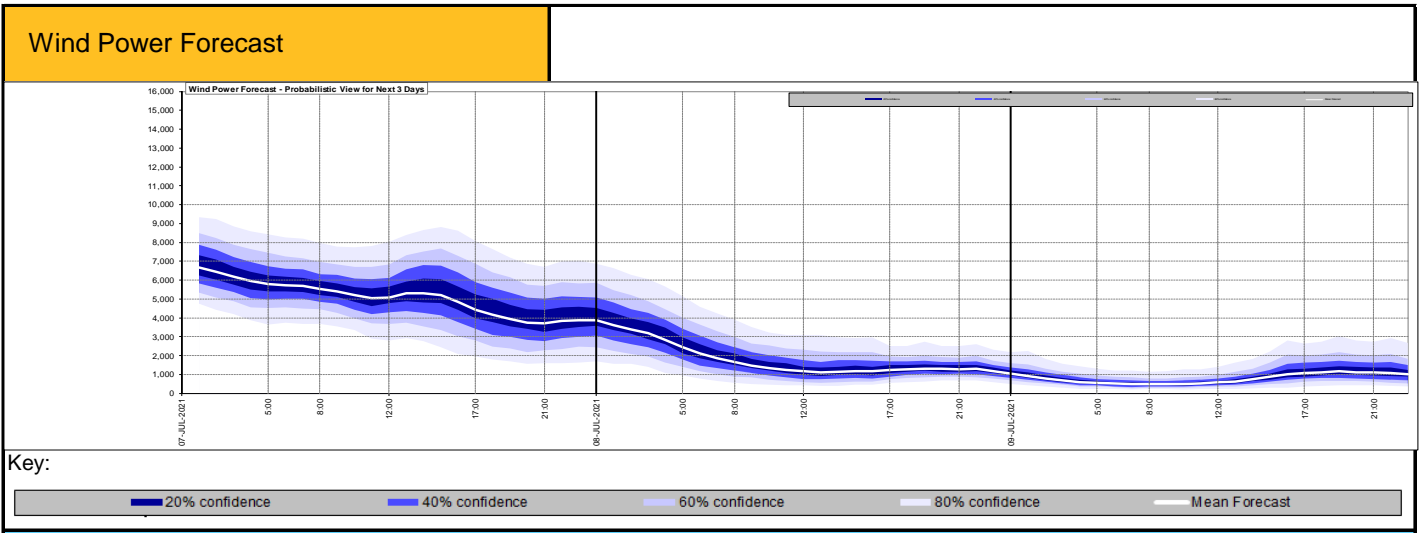
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	7382.16 (SP39)	
System Warnings	BM outage on 08/07/21 at 10:10 to 15:40	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£134.90/MWh (SP38)
Cash Out Price (Min)	£49.60/MWh (SP10)
Peak Demand Yesterday	31325 MW

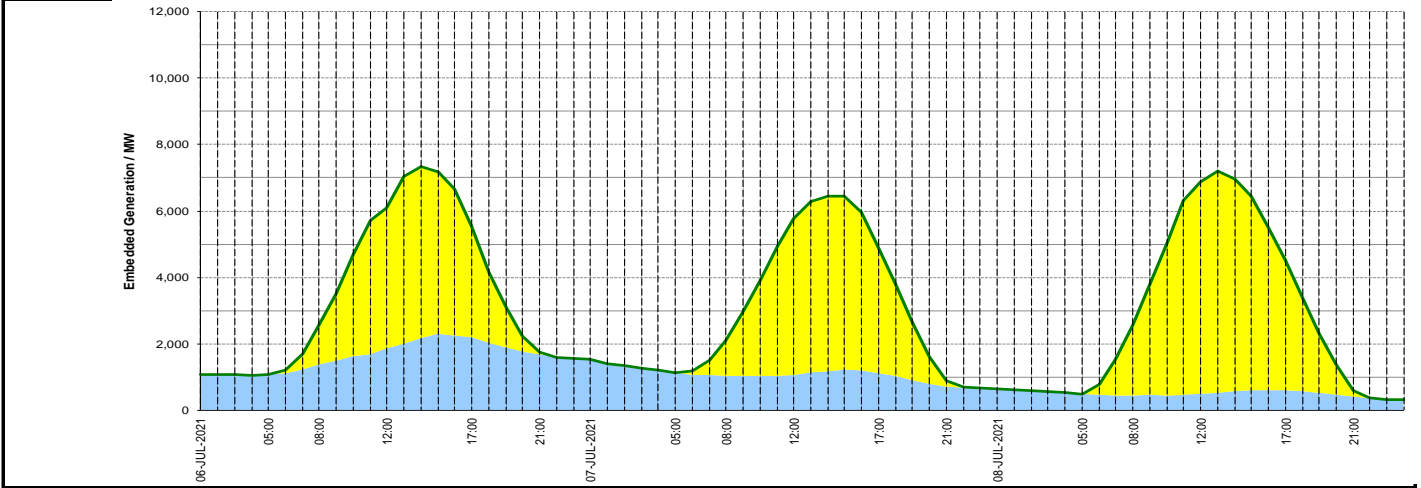
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500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



Expected embedded generation (MWs)

Embedded Generation Forecast

	06-JUL-2021					07-JUL-2021					08-JUL-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	1170	4220	3350	64	0	0	1064	4705	3758	171	0	0	2114	6383	3898	193
Wind (MW)	1086	1378	1876	2188	1674	1530	1132	1045	1068	1121	715	636	492	454	501	602	403
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1086	2548	6096	5538	1738	1530	1132	2109	5773	4879	886	636	492	2568	6884	4500	596



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A rather cloudy start with showers, especially in the northeast and southwest. Cloud breaking to allow more in the way of sunny spells to develop by afternoon but also a scattering of heavy, possibly thundery showers. Feeling a little warmer.</p> <p>Tonight: Showers, some heavy, dying out by midnight to leave a mostly dry night with occasional clear spells and perhaps a few mist patches by dawn.</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: 4 Flood Alerts issued for England. Flood Alerts issued for Scotland and 0 for Wales.</p> <p style="text-align: right;">5</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