

**National Electricity
Transmission System Status Report**

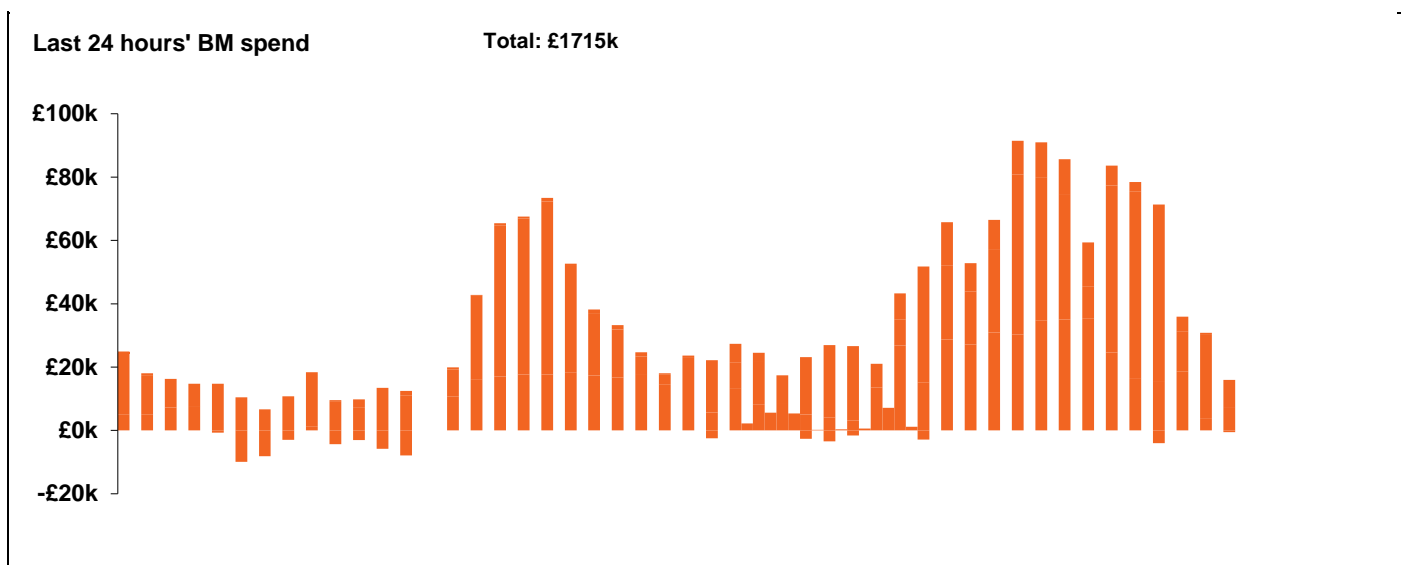


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 22 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			

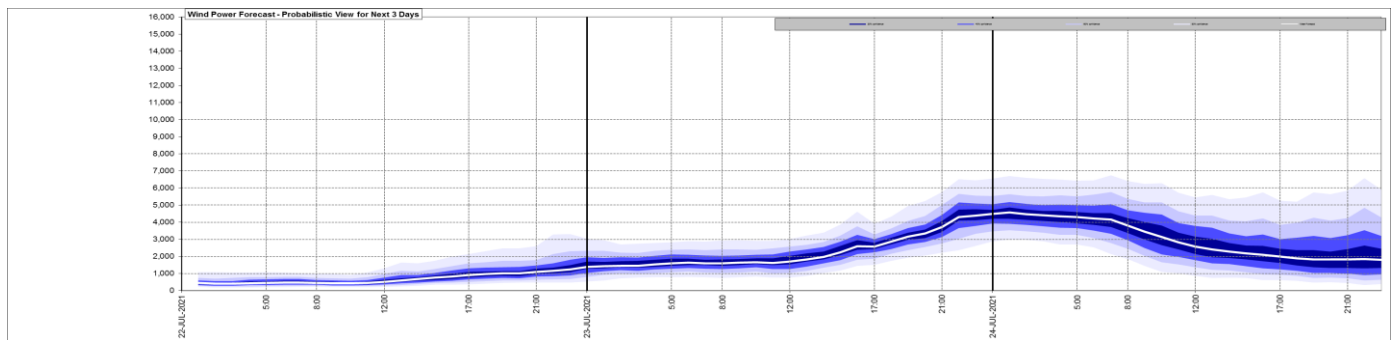
Today's Minimum De-Rated Margin	3789 (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£185MWh (SP 39-40)
Cash Out Price (Min)	£64.20MWh (SP31)
Peak Demand Yesterday	32,901MWh

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

Wind Power Forecast



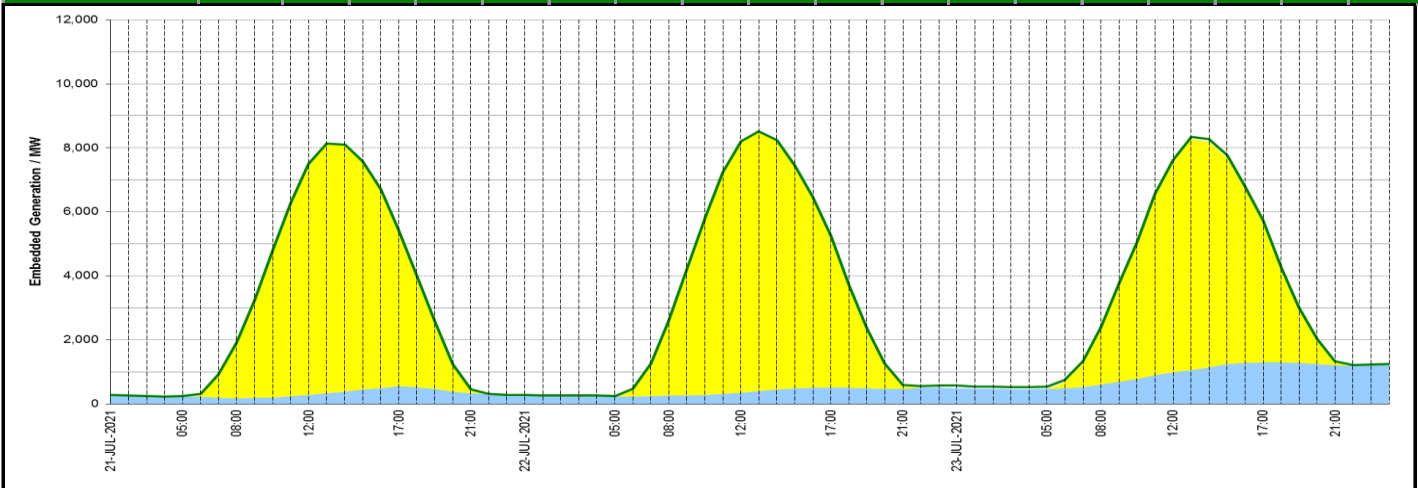
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	21-JUL-2021					22-JUL-2021					23-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
Yellow	0	1740	7220	4900	116	1	0	2323	7823	4684	77	0	0	1739	6548	4434	88
Light Blue	239	181	285	549	334	277	240	255	350	510	474	493	464	610	985	1305	1217
Purple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Green	239	1921	7505	5449	450	278	252	2594	8197	5231	589	565	543	2428	7615	5740	1331



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Another hot, dry and sunny day for most. Isolated afternoon showers may affect parts of Wales and northern and central England though.</p> <p>Tonight: A warm and sunny evening for most with any early evening showers or thunderstorms soon fading. Another warm night with mostly clear skies follows, some coastal counties in northern and eastern Scotland and the eastern side of England turning cloudier.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Amber Warning Extreme Heat Mon 19 16:05 - Thu 22 23:59</p>
		<p>Flood Warnings: 0 Flood Warnings issued for England. 0 Flood Warnings issued for 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