

**National Electricity
Transmission System Status Report**

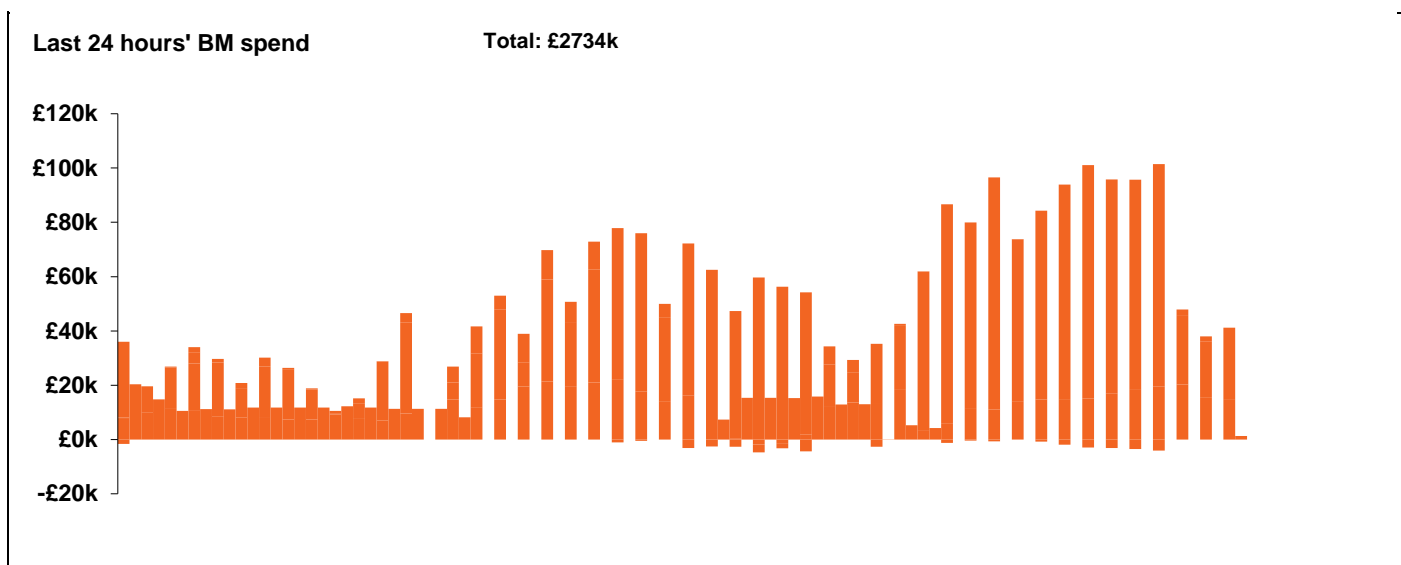


national**grid**ESO

National Electricity Transmission System Status Report
Monday 19 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			

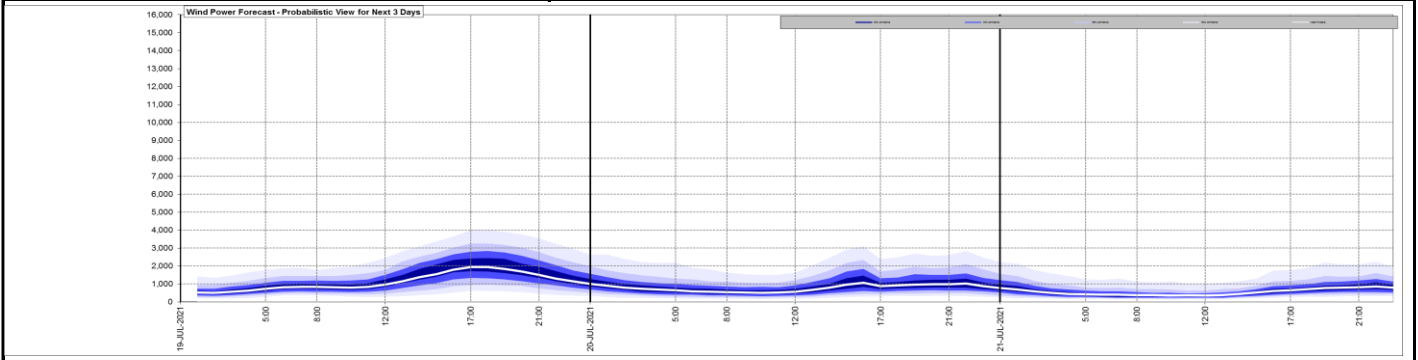
Today's Minimum De-Rated Margin	4807.82 (SP 38)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£133.00/MWh (SP 43,44)
Cash Out Price (Min)	£52.20MWh (SP 33)
Peak Demand Yesterday	28,829 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

Wind Power Forecast



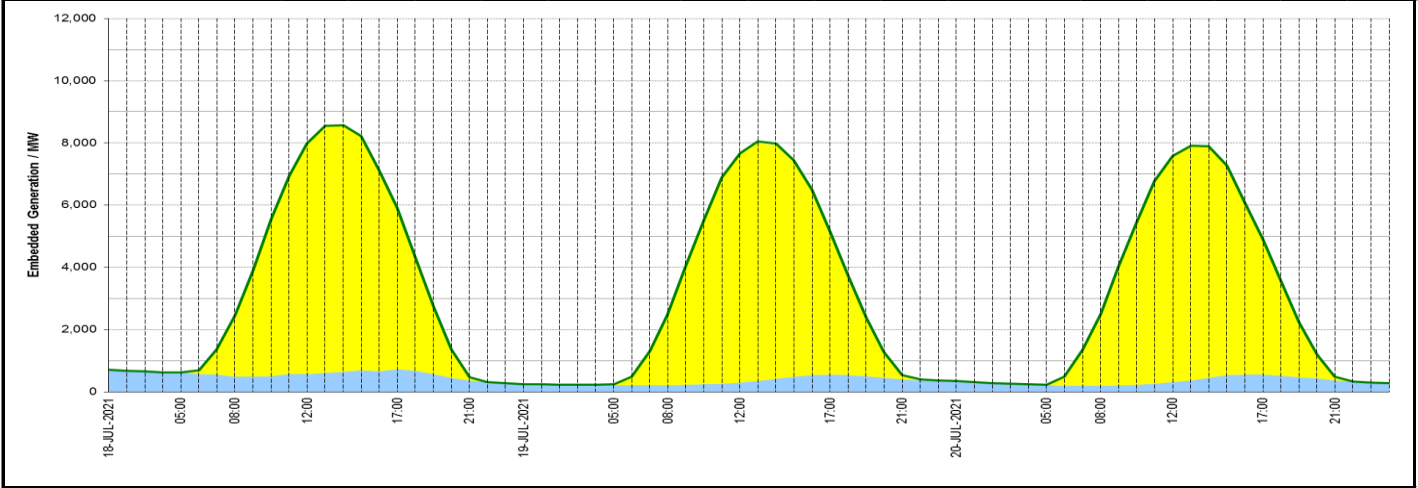
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	18-JUL-2021					19-JUL-2021					20-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	1970	7410	5210	115	0	0	2248	7341	4484	107	0	0	2308	7266	4443	137
Light Blue	626	478	578	722	356	251	217	212	300	556	393	313	218	192	311	550	368
Purple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Green	626	2448	7988	5932	471	252	242	2483	7676	5126	544	343	232	2513	7590	4902	485



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Low cloud and some drizzle will affect coasts across northern UK, but breaking inland to give sunny spells. Further south, plenty of sunshine again and becoming hot inland, possibly triggering the odd shower later.</p> <p>Tonight: Fine, dry and warm for many areas, although low cloud again affecting some northern parts, whilst a few mist patches form elsewhere under clear skies.</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: 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