

# National Electricity Transmission System Status Report



national**grid**ESO

**National Electricity Transmission System Status Report**  
**Wednesday 19 July 2023**

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
<a href="#">System Warning</a>			

<a href="#">Today's Minimum De-Rated Margin</a>	3885 (SP 47)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £2199k



**Yesterday's Market Summary**

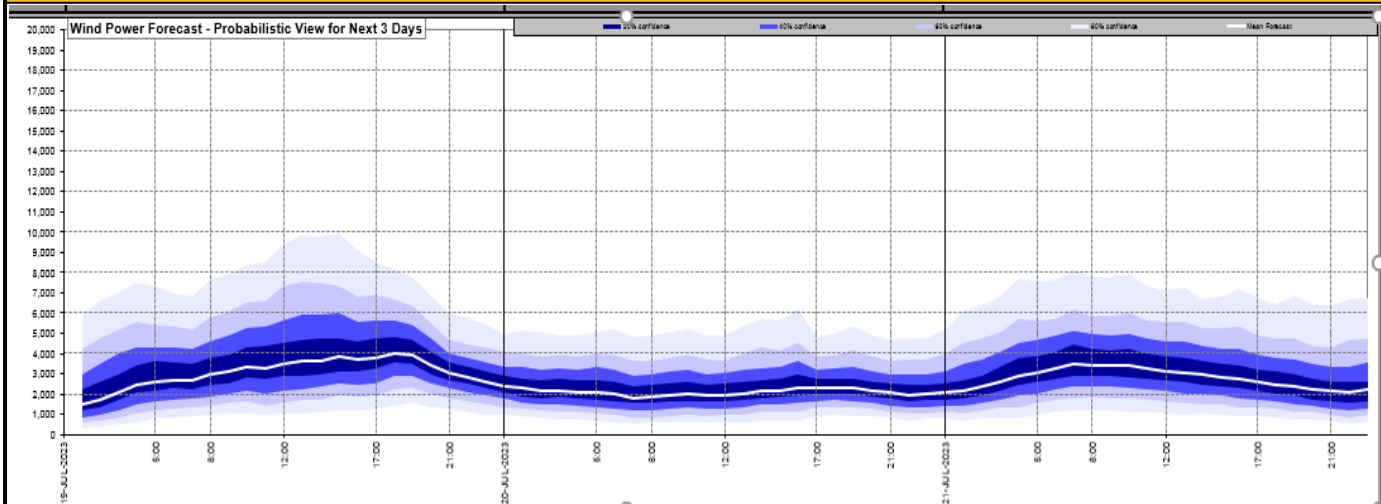
<a href="#">Cash Out Price (Max)</a>	£239.00 (SP 39)
<a href="#">Cash Out Price (Min)</a>	£46.05 (SP 1,5)
<a href="#">Peak Demand Yesterday</a>	29,043 MW
Minimum Demand	18,191 MW

**Interconnector**

**Net Transfer Capacity (MWs)**

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

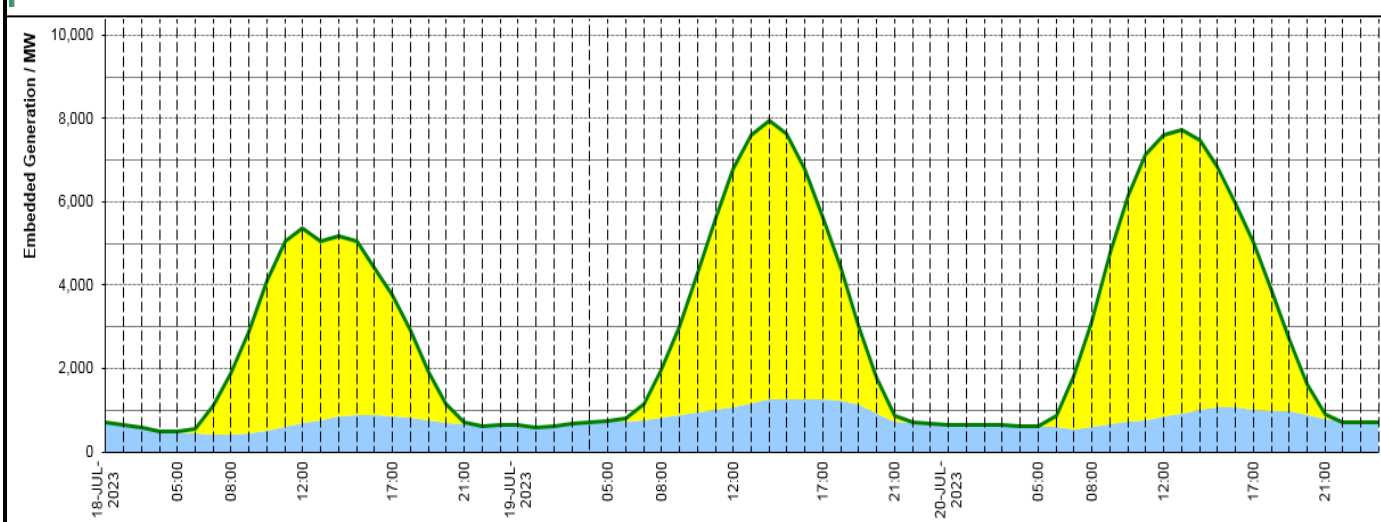
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	18-JUL-2023					19-JUL-2023					20-JUL-2023						
	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	1469	4686	2902	51	0	0	1174	5707	4368	119	0	0	2527	6764	4031	110
Wind (MW)	474	405	679	862	649	645	740	807	1069	1268	734	656	615	595	847	1004	786
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	474	1874	5365	3764	700	645	740	1981	6776	5636	853	656	615	3122	7611	5035	896



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Any residual rain will clear from central and eastern England to leave a day of sunshine and showers. Showers will be most frequent and heaviest across central and eastern areas. <b>Tonight:</b> Outbreaks of rain will gradually ease from the west across central areas tonight. Elsewhere it will be mostly dry with clear spells, although a few showers will affect the far north and northwest, and here it will locally turn chilly.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office</a> <a href="#">Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>UK Weather Warnings</b> No weather warnings in place for the UK <b>Flood Warnings</b> 0 flood warnings and 1 flood alerts issued for England. 0 flood warnings and 1 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.

Further Information	
BM Reports	<a href="https://www.bmreports.com">https://www.bmreports.com</a>
System Balancing Reports	<a href="https://www.nationalgrideso.com/balancing-data/system-balancing-reports">https://www.nationalgrideso.com/balancing-data/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs">https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</a>
NGESO Insights	<a href="https://www.nationalgrideso.com/insights">https://www.nationalgrideso.com/insights</a>