

# National Electricity Transmission System Status Report



national**grid**ESO

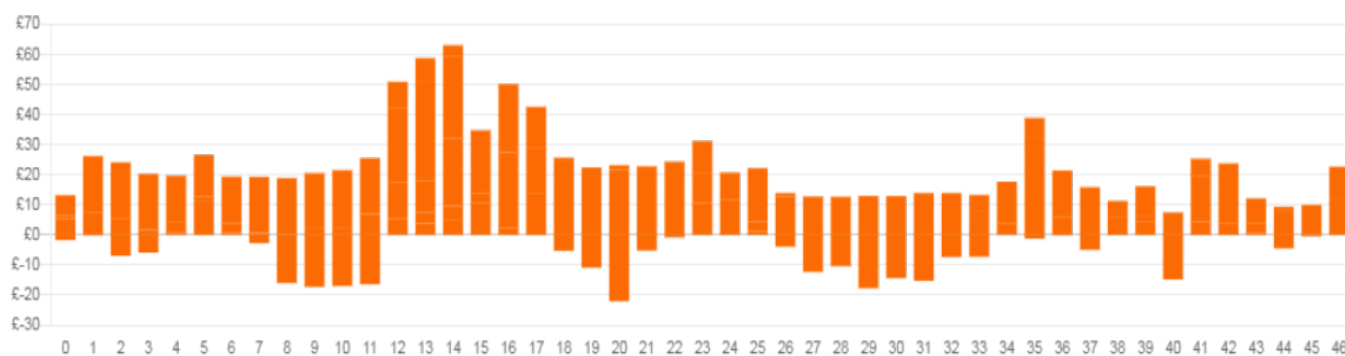
**National Electricity Transmission System Status Report**  
**Saturday 22 July 2023**

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>	7467 (SP 1)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £845k



**Yesterday's Market Summary**

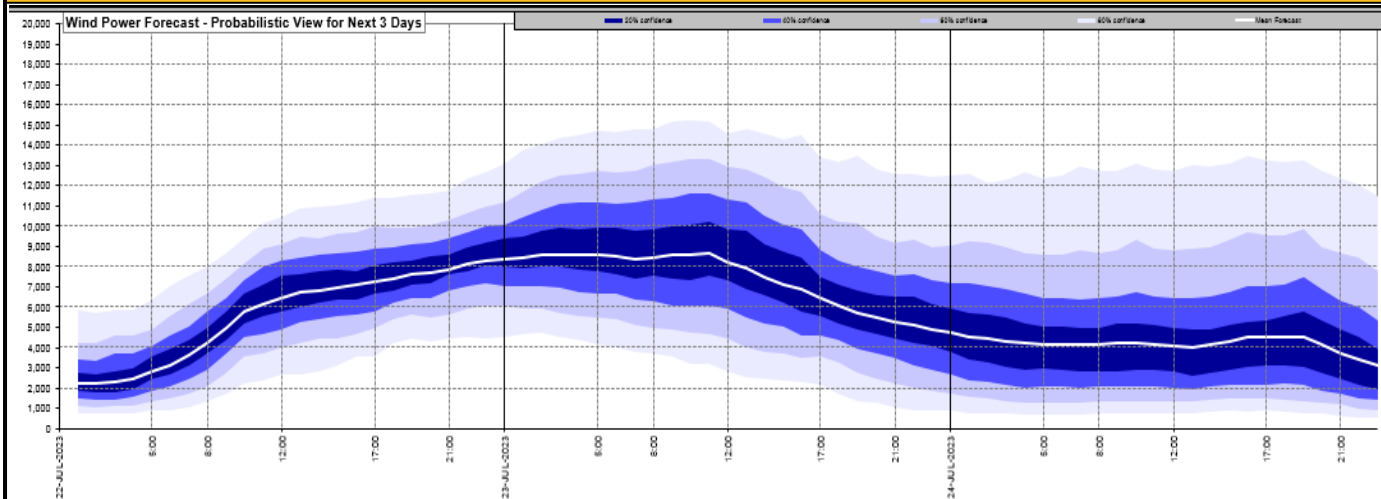
<a href="#">Cash Out Price (Max)</a>	£135.00 (SP 3)
<a href="#">Cash Out Price (Min)</a>	£57.00 (SP 2 & SP 4)
<a href="#">Peak Demand Yesterday</a>	27,600 MW
Minimum Demand	16,680 MW

**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

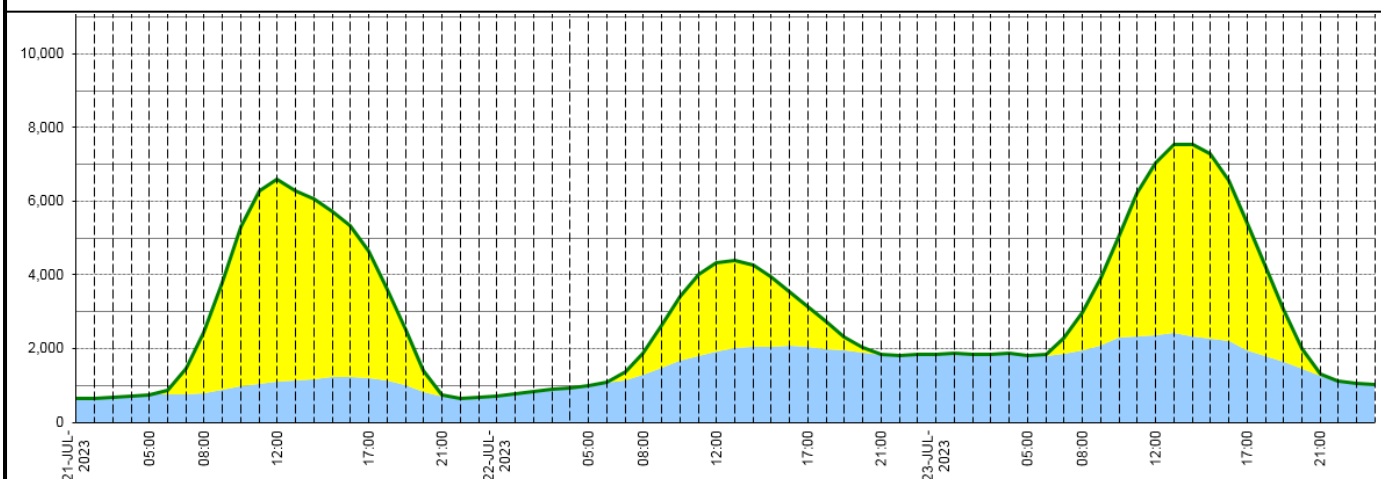
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	21-JUL-2023					22-JUL-2023					23-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
Solar (MW)	0	1657	5512	3452	52	0	0	569	2408	1109	0	0	0	1038	4673
Wind (MW)	745	787	1089	1204	679	700	989	1294	1928	2035	1831	1859	1815	1941	2375
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	745	2444	6601	4656	731	700	989	1863	4336	3144	1831	1859	1815	2979	7048



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Today:</b> Cloudy for many with outbreaks of rain pushing east, heavy at times. Northern half of Scotland staying drier with sunny spells and a few showers. Becoming increasingly windy for southern England and Wales. Feeling disappointingly cool for most.</p> <p><b>Tonight:</b> Wet evening away from northern Scotland. Rain overnight becoming focussed over northern England and Wales plus Northern Ireland. Windy in the south with coastal gales possible along English Channel.</p>
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>	<p><b>UK Weather Warnings</b> No weather warnings in place for the UK.</p> <p><b>Flood Warnings</b> 0 flood warnings and 0 flood alerts issued for England.  0 flood warnings and 0 flood alerts issued for Scotland.</p>

Weather	Source	Commentary
		0 flood warnings and 0 flood alerts issued for Wales.

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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>