

# National Electricity Transmission System Status Report



nationalgridESO

**National Electricity Transmission System Status Report**  
**Sunday 23 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>	8251 (SP 47)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	560 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £1718k



**Yesterday's Market Summary**

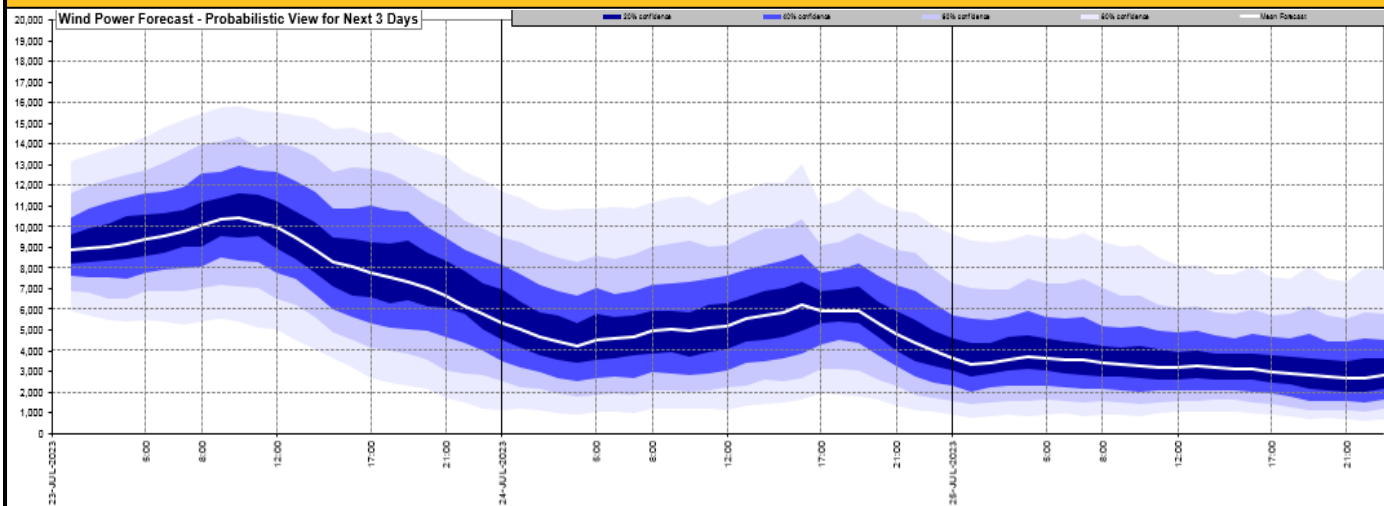
<a href="#">Cash Out Price (Max)</a>	£125.00 (SP 18)
<a href="#">Cash Out Price (Min)</a>	£10.16 (SP 31 & SP 32)
<a href="#">Peak Demand Yesterday</a>	27,836 MW
Minimum Demand	14,900 MW

**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

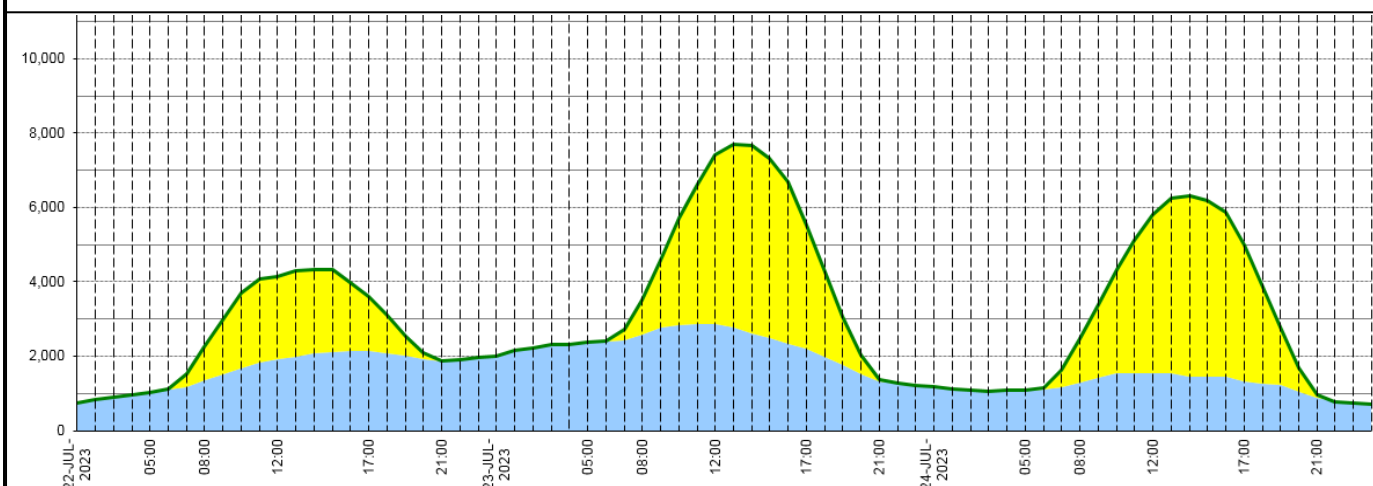
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	22-JUL-2023					23-JUL-2023					24-JUL-2023				
	00:00	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
Solar (MW)	0	0	894	2204	1484	12	0	0	910	4556	3317	34	0	0	1171
Wind (MW)	1022	1344	1923	2136	1873	2014	2371	2587	2852	2199	1338	1177	1085	1307	1533
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1022	1344	2204	2136	1873	2014	2371	2587	2852	2199	1338	1177	1085	1307	1533



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> Persistent and locally heavy rain across northern England, North Wales, Northern Ireland and southern Scotland. Feeling disappointingly cool. Areas to the north and south seeing brighter spells and some showers, perhaps heavy and thundery in the Midlands. Generally breezy.</p> <p><b>Tonight:</b> Outbreaks of rain slowly moving south, lying North Wales to Lincolnshire by dawn. A few heavy showers to the south, but mild. Turning cooler under clear spells further north.</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> Yellow warning of rain:</p> <p>Areas affected: East Midlands   North East England   North West England   Wales   Yorkshire &amp; Humber</p> <p>ACTIVE:</p>

Weather	Source	Commentary
		<p>Started at: 00:00 BST on Sun 23 July Ends: 23:59 BST on Sun 23 July</p> <p>Rain, heavy at times, through Sunday is likely to cause some disruption, particularly to outdoor events.</p>
		<p><b>Flood Warnings</b> 0 flood warnings and 12 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>1 flood warning and 9 flood alerts issued for Wales.</p>

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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>