

# National Electricity Transmission System Status Report



national**grid**ESO

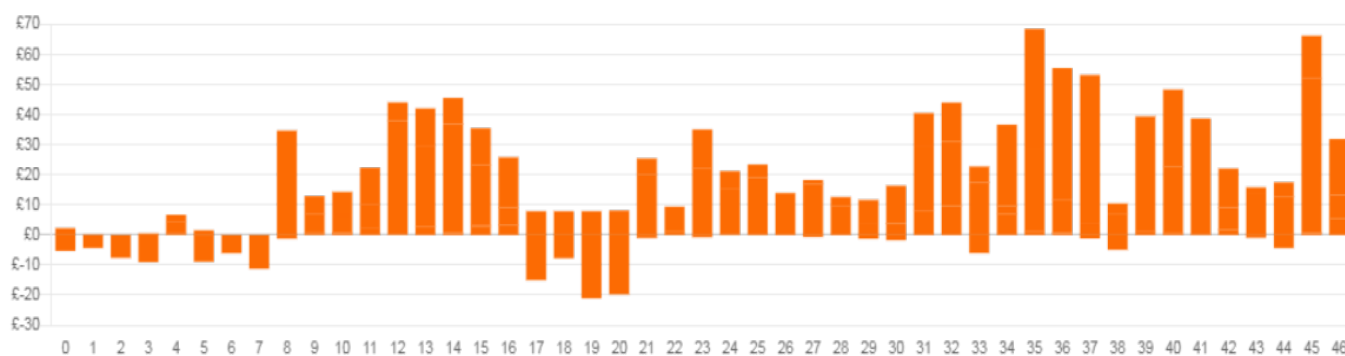
**National Electricity Transmission System Status Report**  
**Friday 21 July 2023**

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>	4876 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £981k



**Yesterday's Market Summary**

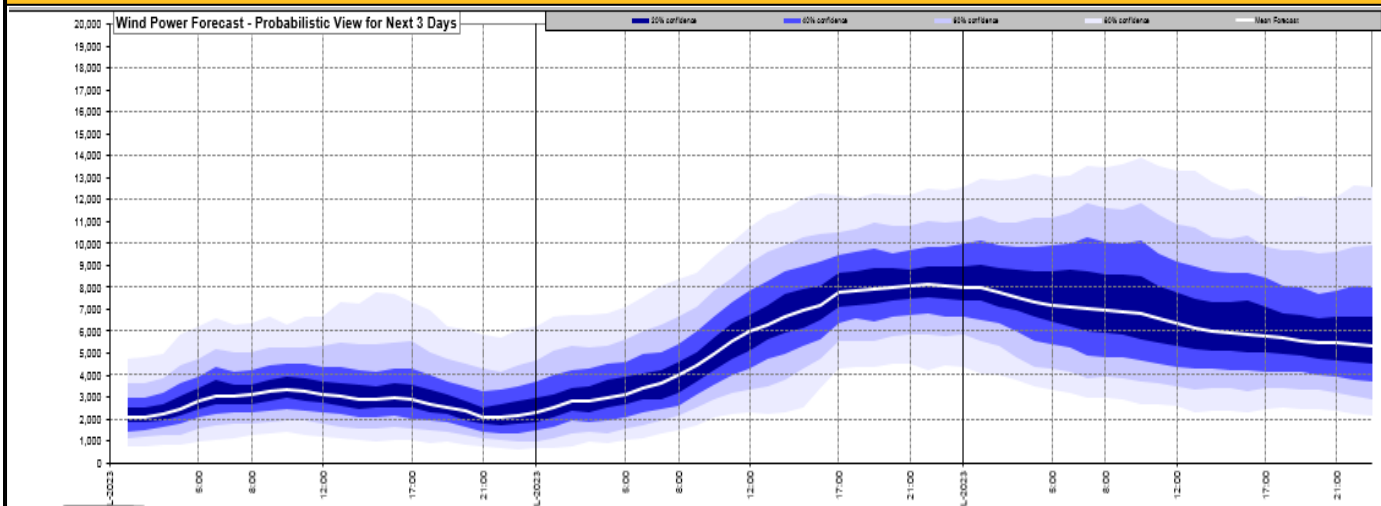
<a href="#">Cash Out Price (Max)</a>	£138.00 (SP 10)
<a href="#">Cash Out Price (Min)</a>	£0.00 (SP 7,8)
<a href="#">Peak Demand Yesterday</a>	28,932 MW
Minimum Demand	18,000 MW

**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

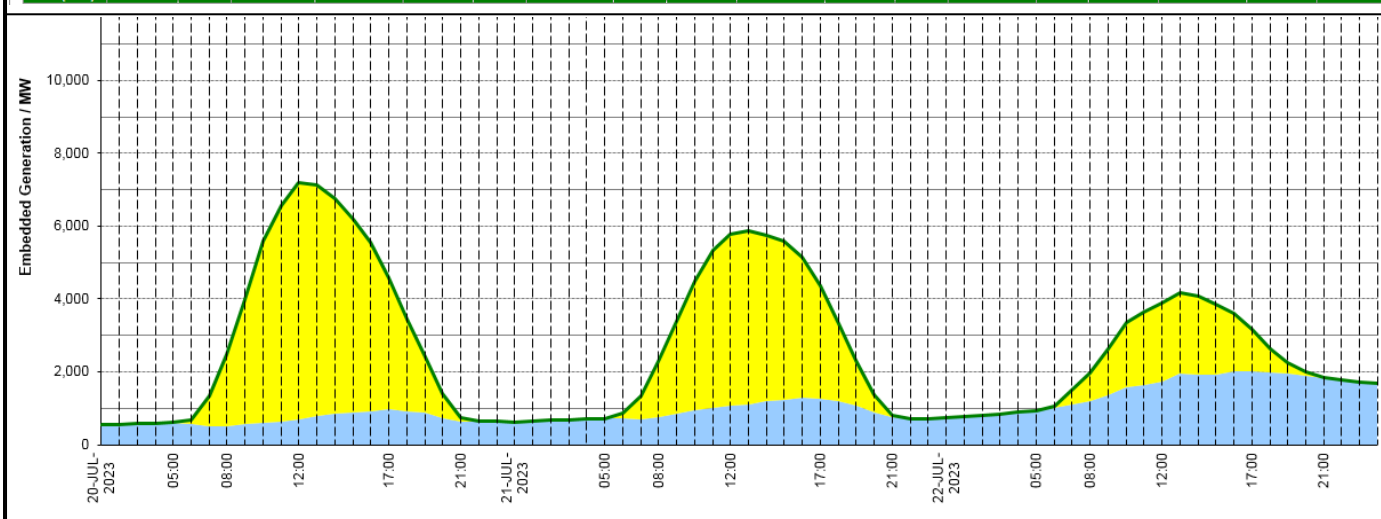
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	20-JUL-2023					21-JUL-2023					22-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	1958	6495	3624	93	0	0	1508	4721	3104	49	0	0	769	2156
Wind (MW)	610	517	699	972	633	627	717	766	1067	1267	764	735	929	1194	1747
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	610	2475	7194	4596	726	627	717	2274	5788	4371	813	735	929	1963	3903



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> A mixture sunshine and showers on Friday, although rain may move in across some western and northwestern areas, especially later, accompanied by brisk winds. Another mostly cool day. <b>Tonight:</b> Many areas will become dry with clear spells overnight, especially in the south and across central Scotland. Elsewhere, in the far north and across the northwest it will remain showery. A cooler night, especially under clear skies in rural areas.
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 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 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>
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