

# National Electricity Transmission System Status Report



national**grid**ESO

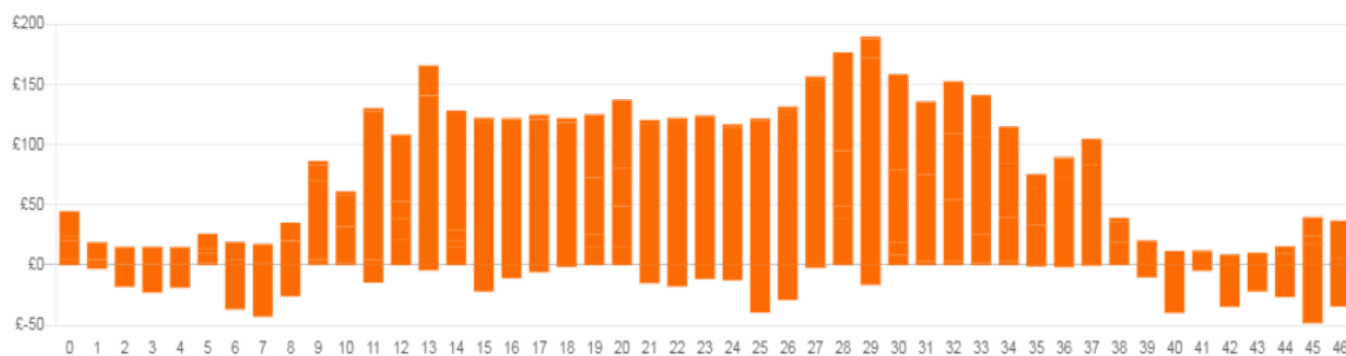
**National Electricity Transmission System Status Report**  
Friday 27 January 2023

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>	3910 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £3472k



**Yesterday's Market Summary**

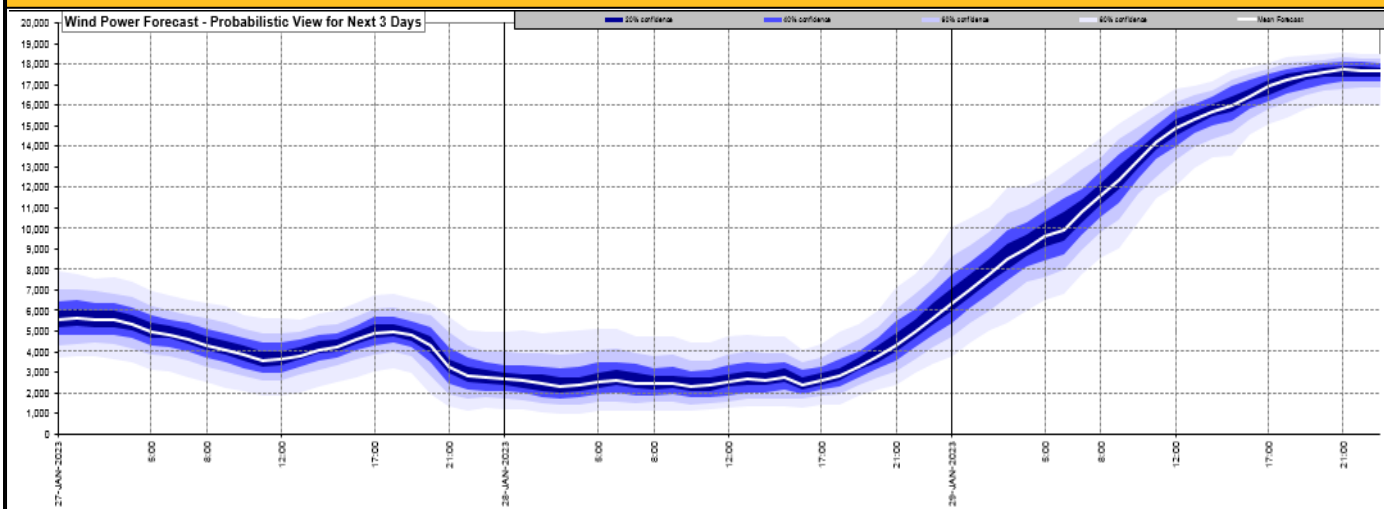
<a href="#">Cash Out Price (Max)</a>	£310.00 (SP 33, 34)
<a href="#">Cash Out Price (Min)</a>	£107.35 (SP 9)
<a href="#">Peak Demand Yesterday</a>	44,246 MW
Minimum Demand	24,620 MW

**Interconnector**

**Net Transfer Capacity (MWs)**

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

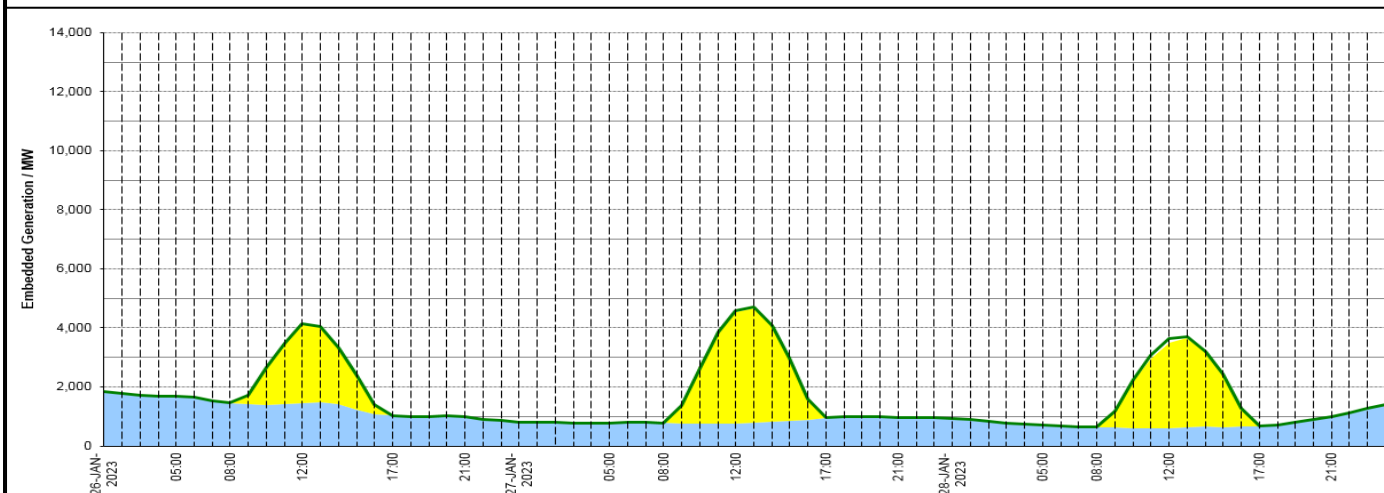
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	26-JAN-2023					27-JAN-2023					28-JAN-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	0	2681	0	0	0	0	0	3792	0	0	0	0	0	2904
Wind (MW)	1691	1463	1451	1032	979	817	779	778	743	958	967	930	702	633	598
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1691	1463	4132	1032	979	817	779	778	4594	958	967	930	702	633	3635



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Early fog across Northern Ireland and some other western areas, then some sunnier breaks for many, especially in the west and into this afternoon. Generally fairly cloudy; some early light showers across parts of England, while rain reaches northwest Scotland. <b>Tonight:</b> Clearer skies and light winds across southern areas leads to sharp frost and areas of fog, possibly dense. Cloudier and less cold further north, weakening band of rain edging southwards.
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 are in force for the UK <b>Flood Warnings</b> 13 flood warnings and 27 flood alerts issued for England.  0 flood warnings and 0 flood alerts issued for Scotland.  0 flood warning 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>