

# National Electricity Transmission System Status Report



national**grid**ESO

**National Electricity Transmission System Status Report**  
**Tuesday 31 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>	15,774 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £9534k



**Yesterday's Market Summary**

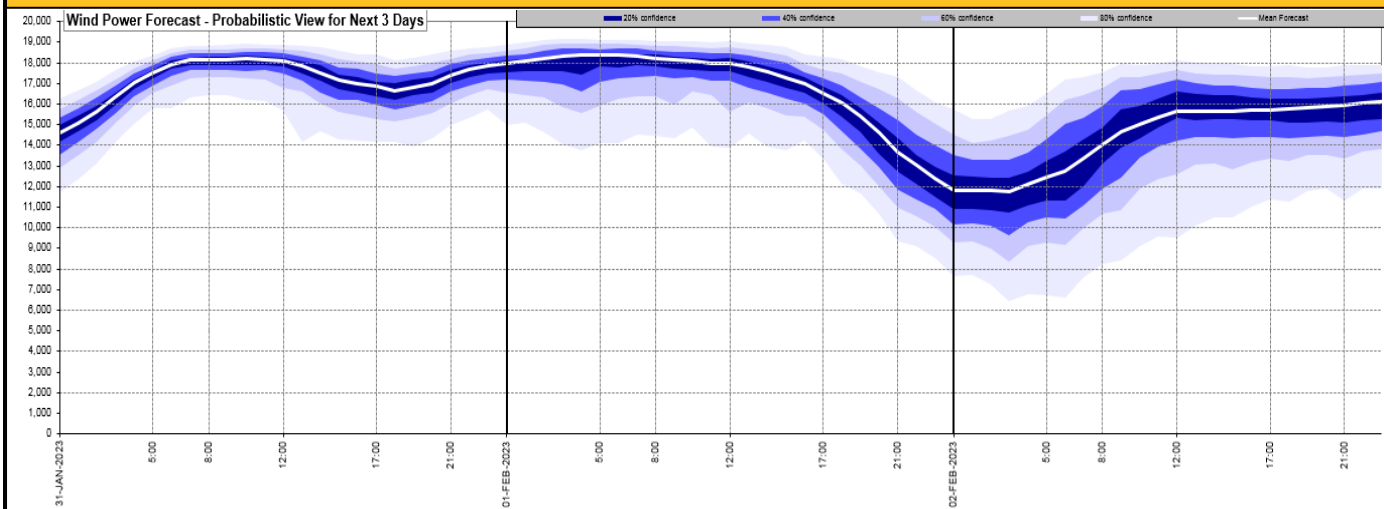
<a href="#">Cash Out Price (Max)</a>	£241.50 (SP 39)
<a href="#">Cash Out Price (Min)</a>	£0.00 (SP 4)
<a href="#">Peak Demand Yesterday</a>	41,683 MW
Minimum Demand	19,881 MW

**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)	2000	2000	Fully available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

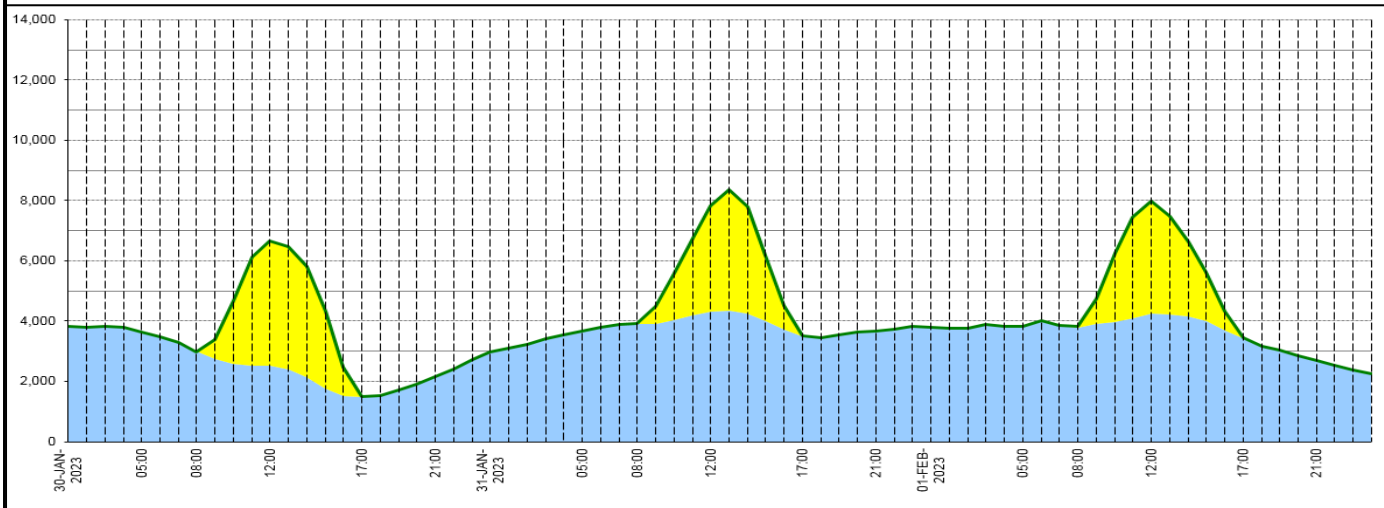
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	30-JAN-2023					31-JAN-2023					01-FEB-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	0	4147	15	0	0	0	16	3532	24	0	0	0	35	3723	0	0
Wind (MW)	3629	2991	2517	1482	2170	2979	3662	3892	4301	3492	3670	3805	3834	3780	4261	3435	2679
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3629	2991	6664	1497	2170	2979	3662	3908	7833	3516	3670	3805	3834	3815	7984	3435	2679



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Cloud and light rain soon clearing southern England, then many southern and eastern areas dry with sunny spells. Showers in the north and west, frequent and heavy over Scotland with hail and thunder, and accompanied by strong and gusty winds. <b>Tonight:</b> Showers or longer spells of rain across the north and northwest. Windy, with severe gales affecting northern Scotland. Mostly dry with clear spells in the south and east.
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> Yellow warning of wind Areas affected: Grampian   Highlands & Eilean Siar   Orkney & Shetland   Strathclyde Starts: 20:00 GMT on Tue 31 JanuaryEnds: 12:00 GMT on Wed 1 February Strong winds expected to bring some disruption to parts of Scotland. - Some delays to road, rail, air and ferry transport are likely - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves <b>Flood Warnings</b> 0 flood warnings and 22 flood alerts issued for England.

Weather	Source	Commentary
		<p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 0 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>