

# National Electricity Transmission System Status Report



nationalgridESO

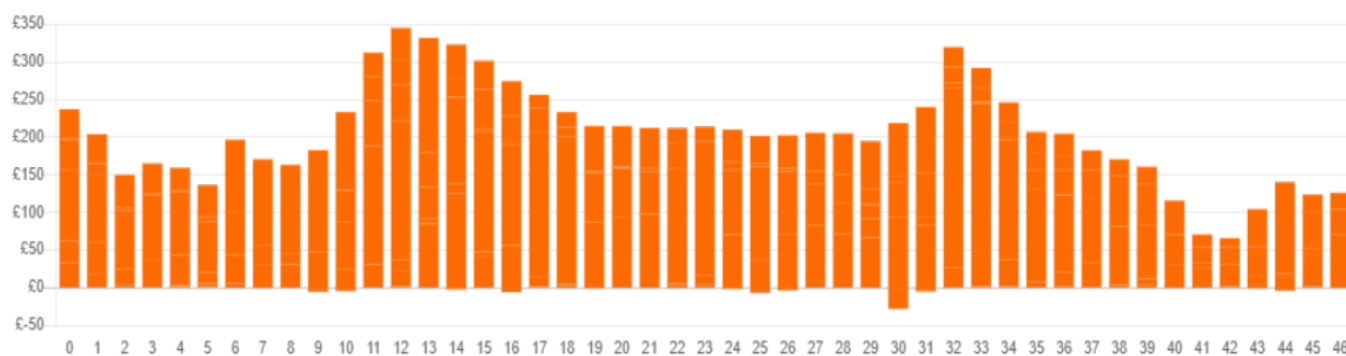
**National Electricity Transmission System Status Report**  
**Thursday 02 November 2023**

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>	15,384 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1060 MW

**Balancing Costs**

Last 24 hours' BM spend      Total: £9585k



**Yesterday's Market Summary**

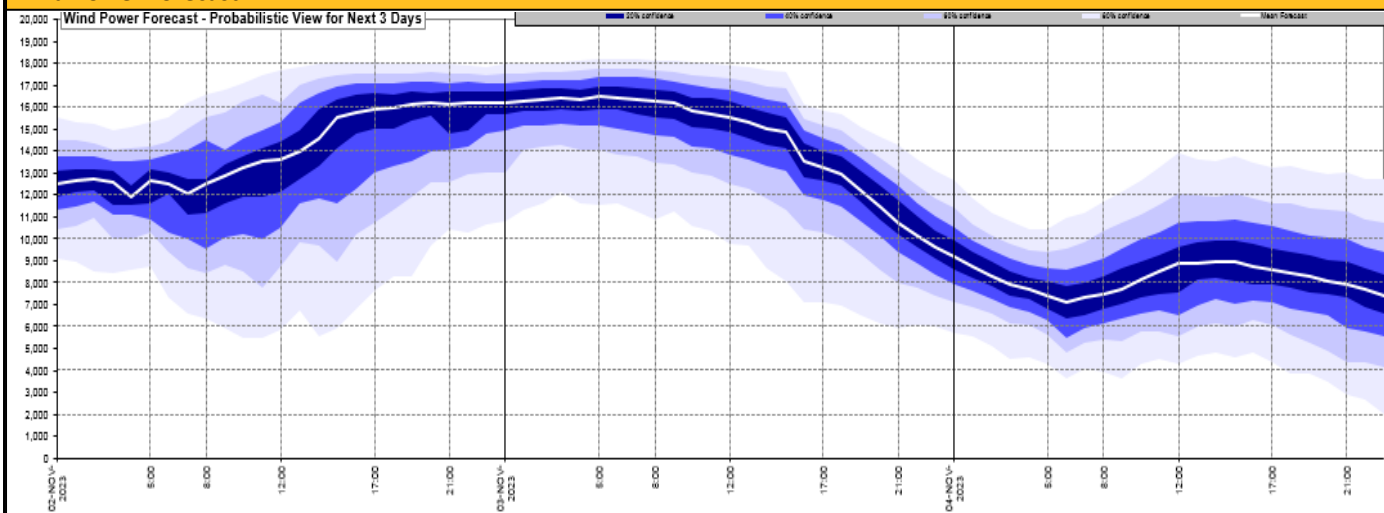
<a href="#">Cash Out Price (Max)</a>	£139 (SP 2)
<a href="#">Cash Out Price (Min)</a>	£-60(SP 32)
<a href="#">Peak Demand Yesterday</a>	38,003 MW
Minimum Demand	19,361 MW

**Interconnector**

**Net Transfer Capacity (MWs)**

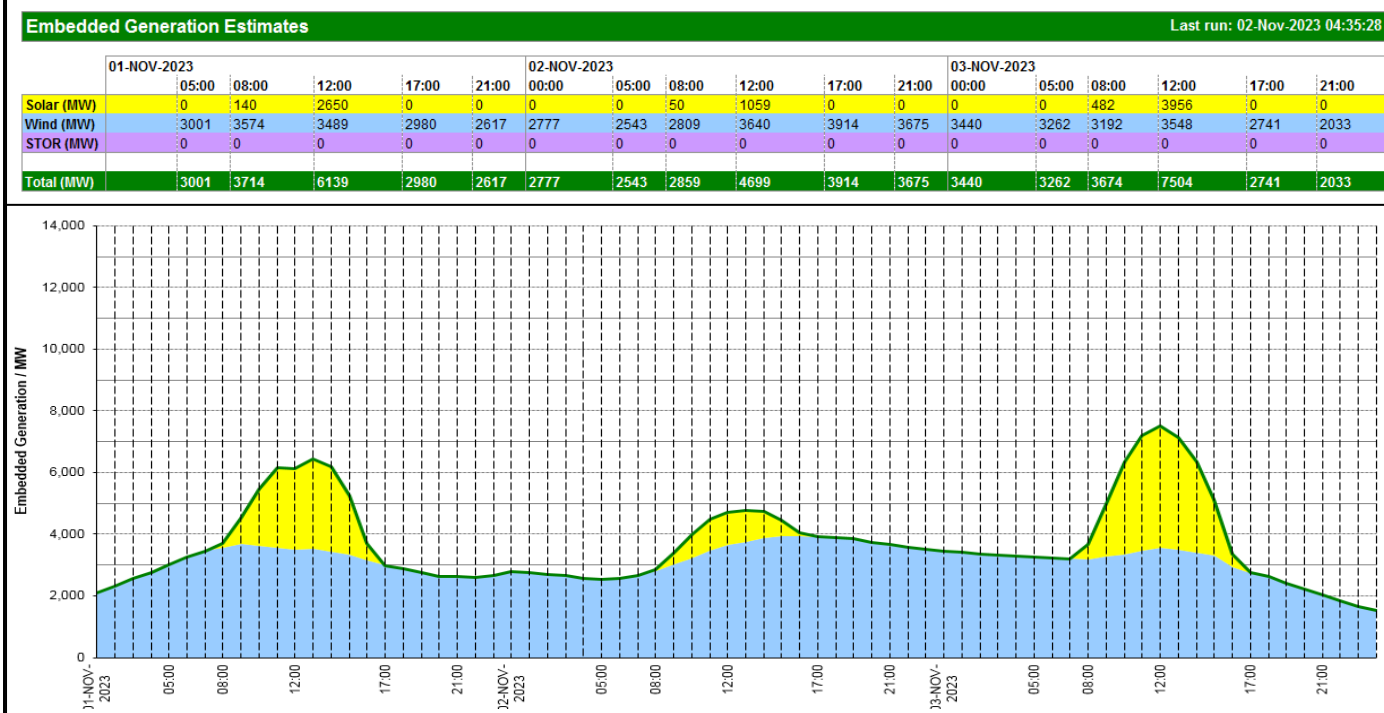
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1424	1424	Fully Available from 14:00 hours
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Storm Ciarán will dominate the weather bringing most areas outbreaks of rain, some heavy. This will be coupled with strong and gusty winds, potentially damaging across southernmost parts of England. Northern Ireland should remain brighter, with isolated showers. <b>Tonight:</b> Staying windy overnight with further outbreaks of rain developing in most areas, as a weakening storm Ciarán remains close by. Some clear spells developing across the far south and west.
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: East of England   London & South East England   South West England   Wales  ACTIVEStarted at: 21:00 GMT on Wed 1 NovemberEnds: 23:59 GMT on Thu 2 November Very strong and potentially damaging winds associated with Storm Ciarán are likely late Wednesday onwards into Thursday.  - Injuries and danger to life from flying debris are possible

Weather	Source	Commentary
		<ul style="list-style-type: none"> <li>- Some damage to buildings, such as tiles blown from roofs, could happen</li> <li>- Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible</li> <li>- Some roads and bridges may close</li> <li>- Power cuts may occur, with the potential to affect other services, such as mobile phone coverage</li> <li>- Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties</li> </ul> <p>Amber warning of wind Areas affected: East of England   London &amp; South East England</p> <p>Starts: 06:00 GMT on Thu 2 NovemberEnds: 17:00 GMT on Thu 2 November Very strong winds associated with Storm Ciarán may disrupt travel, utilities, and cause some structural damage.</p> <ul style="list-style-type: none"> <li>- Flying debris could result in a danger to life</li> <li>- Damage to buildings and homes is possible, with roofs blown off and power lines and trees brought down</li> <li>- Roads, bridges and railway lines may close, with delays and cancellations to bus, train, ferry services and flights</li> <li>- Power cuts could occur and affect other services, such as mobile phone coverage</li> <li>- There is potential for large waves and beach material being thrown onto sea fronts, coastal roads and properties</li> </ul> <p><b>Flood Warnings</b> 51 flood warnings and 131 flood alerts issued for England.</p> <p>2 flood warnings and 12 flood alerts issued for Scotland.</p> <p>1 flood warnings and 13 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/industry-information/industry-data-and-reports/system-balancing-reports">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs</a>