

# National Electricity Transmission System Status Report

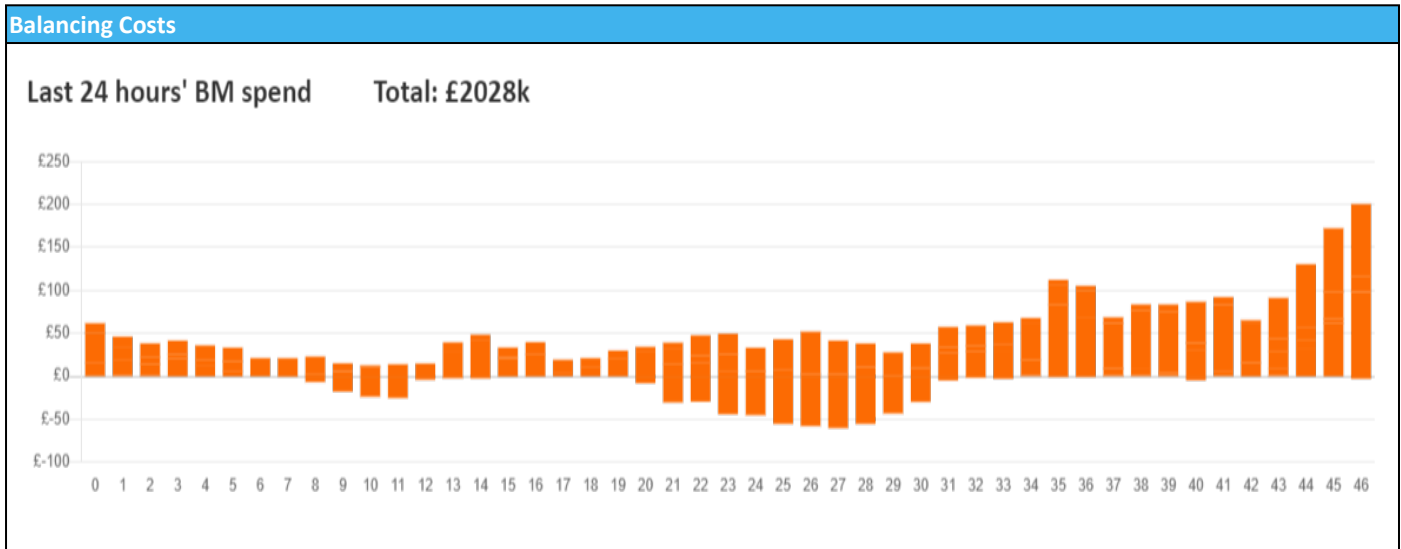


nationalgridESO

**National Electricity Transmission System Status Report**  
Wednesday 18 October 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>	16964.14 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



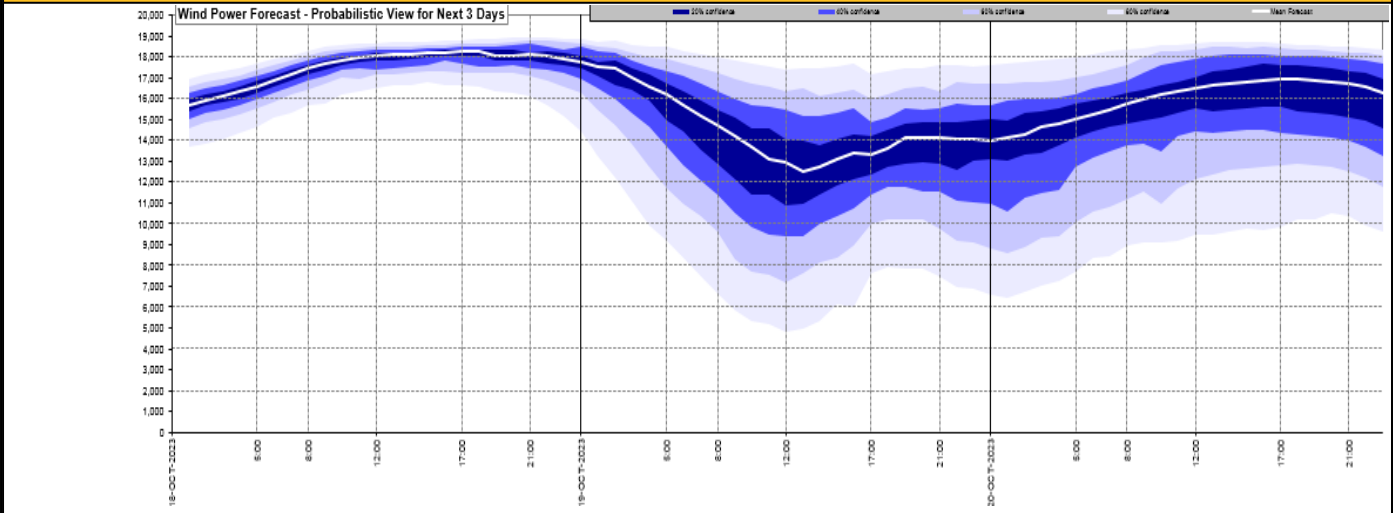
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£160 (SP16)
<a href="#">Cash Out Price (Min)</a>	£0 (SP 28, 29)
<a href="#">Peak Demand Yesterday</a>	35,950 MW
Minimum Demand	20,185 MW

**Interconnector Net Transfer Capacity (MWs)**

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	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)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

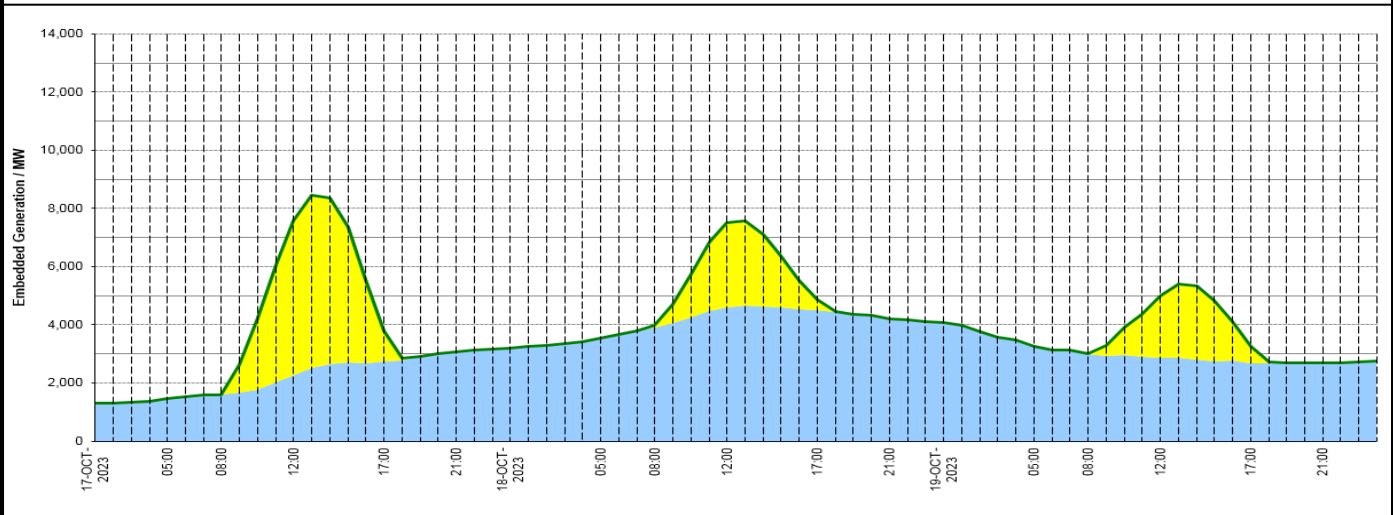
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 18-Oct-2023 04:32:36	
	17-OCT-2023					18-OCT-2023					19-OCT-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	14	5284	1070	0	0	0	80	2907	342	0	0	0	15	2129	573	0
Wind (MW)	1463	1592	2278	2734	3064	3193	3553	3919	4603	4515	4205	4079	3257	2988	2863	2676	2707
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1463</b>	<b>1606</b>	<b>7562</b>	<b>3804</b>	<b>3064</b>	<b>3193</b>	<b>3553</b>	<b>3999</b>	<b>7510</b>	<b>4857</b>	<b>4205</b>	<b>4079</b>	<b>3257</b>	<b>3003</b>	<b>4992</b>	<b>3249</b>	<b>2707</b>



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> Storm Babet will start to make its presence felt as showery outbreaks of rain spread northwards becoming persistent and locally heavy later. Dry and bright across Scotland. Gusty winds becoming widespread with coastal gales developing.</p> <p><b>Tonight:</b> Rain, heavy at times, will continue to move north, reaching all but northern Scotland by dawn. Turning drier across the south before showers arrive. Windy in the north with gales.</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>Storm Babet will bring some heavy rain to Northern Ireland from Wednesday afternoon to Thursday morning, with possible disruption</p> <p><b>Flood Warnings</b> 1 flood warning and 9 flood alerts issued for England.</p>

Weather	Source	Commentary
		0 flood warnings and 7 flood alerts issued for Scotland.
		0 flood warning and 0 flood alert 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>