

**National Electricity  
Transmission System Status Report**

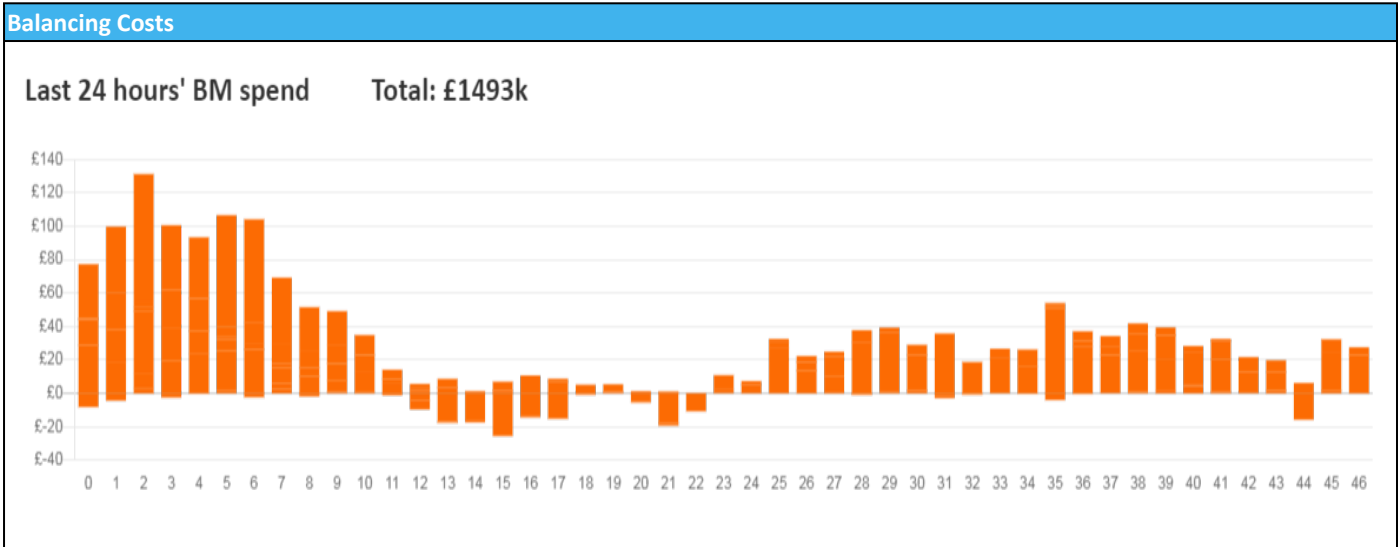


national**grid**ESO

**National Electricity Transmission System Status Report**  
Monday 17 April 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>			

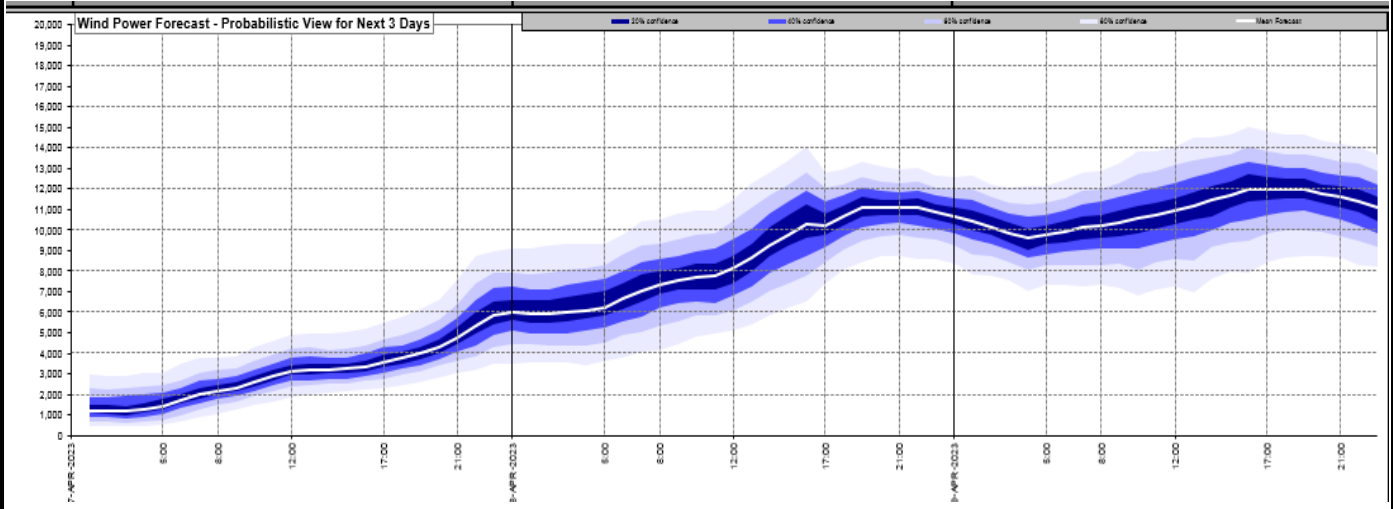
<a href="#">Today's Minimum De-Rated Margin</a>	7108 (SP 19)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	950 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£ 186.00 (SP 37)
<a href="#">Cash Out Price (Min)</a>	£ 24 (SP 14)
<a href="#">Peak Demand Yesterday</a>	31,474 MW
Minimum Demand	20,582 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	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)	1100	1100	Partially Available
France (IFA2)	1014	1014	Fully Available

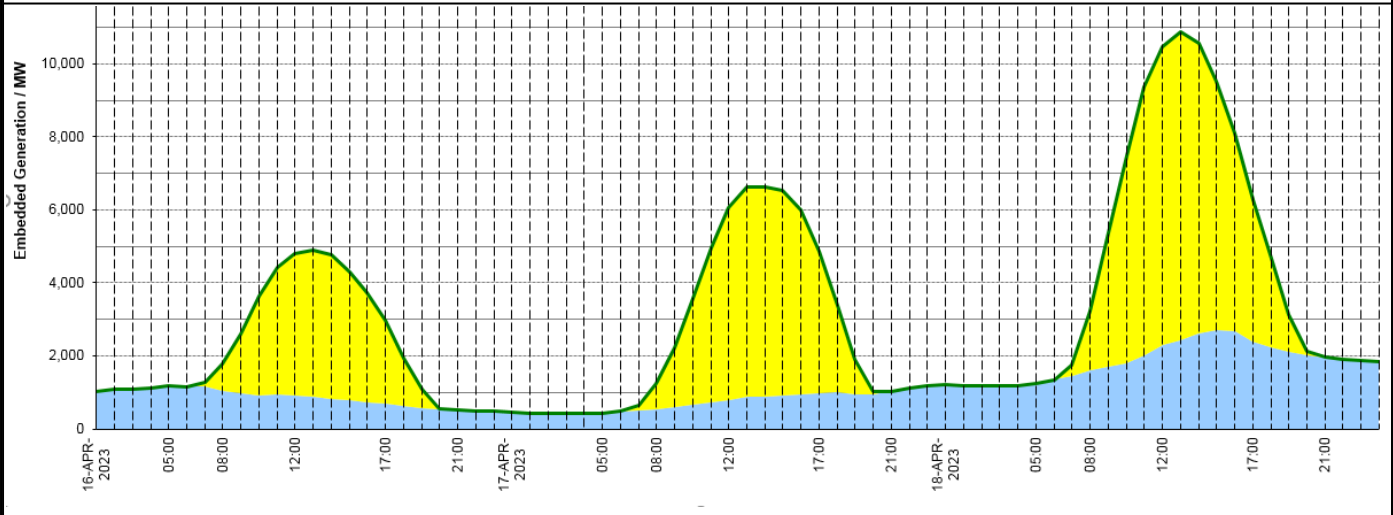
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	16-APR-2023					17-APR-2023					18-APR-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	722	3898	2273	0	0	0	684	5261	3873	0	0	0	1632	8193	3911	0
Wind (MW)	1173	1044	906	705	528	462	440	551	800	983	1027	1202	1234	1597	2285	2384	1954
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1173</b>	<b>1766</b>	<b>4804</b>	<b>2978</b>	<b>528</b>	<b>462</b>	<b>440</b>	<b>1235</b>	<b>6061</b>	<b>4856</b>	<b>1027</b>	<b>1202</b>	<b>1234</b>	<b>3229</b>	<b>10478</b>	<b>6295</b>	<b>1954</b>



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Rain or drizzle soon easing; low cloud retreating to coasts. A few light afternoon showers possible in the west. Rather warm/warm for many northern and western areas. Nearer normal elsewhere. <b>Tonight:</b> Any residual showers for Northern Ireland and southeast England soon dying out. Areas of rain/drizzle likely spreading southwest from northeast England overnight, with hill fog developing. Isolated fog patches elsewhere, especially Irish Sea coasts. Mild for most.
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> 12 flood alerts and 0 flood warnings for England. 0 flood alerts and 0 flood warnings for Scotland. 0 flood alert and 0 flood warnings for Wales.

Contains public sector information licensed under the Open Government Licence v1.0

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>