

# National Electricity Transmission System Status Report

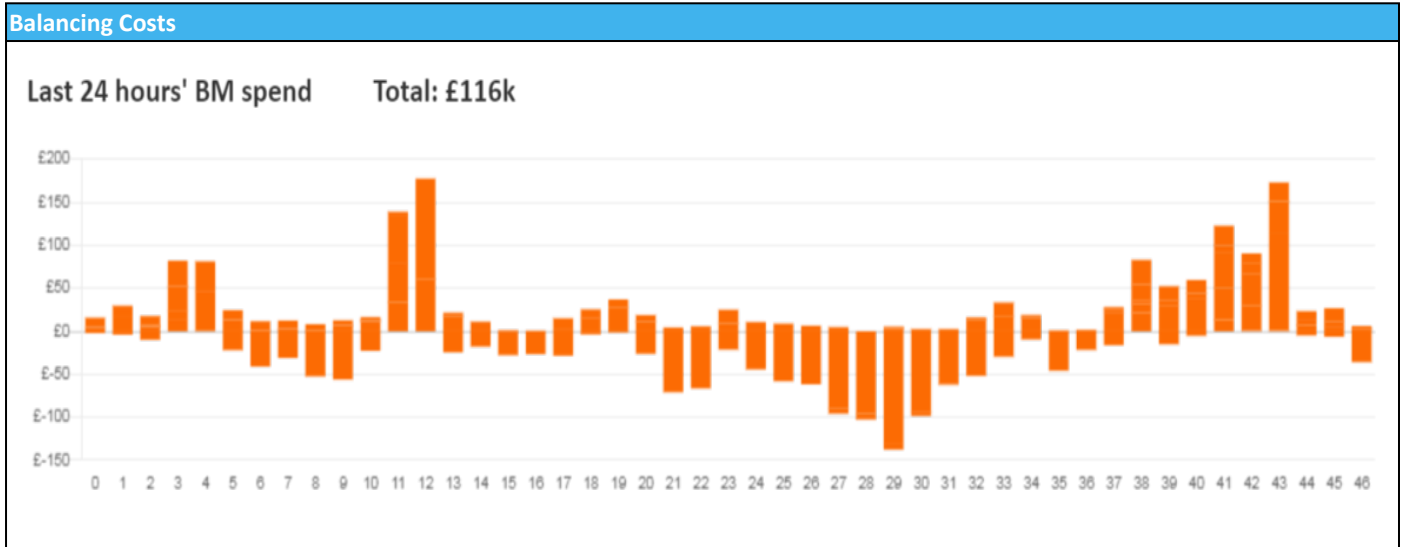


nationalgridESO

National Electricity Transmission System Status Report  
Friday 15 July 2022

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>			

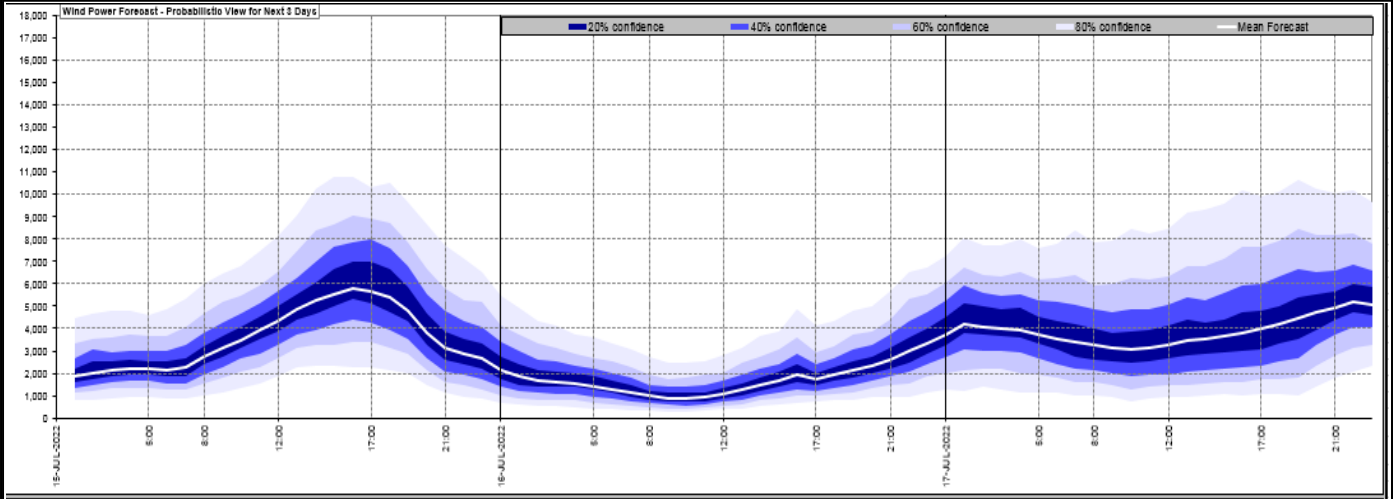
<a href="#">Today's Minimum De-Rated Margin</a>	4404 (SP 14)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£414.50 (SP 44& 45)
<a href="#">Cash Out Price (Min)</a>	£120.00 (SP 41 & 42)
<a href="#">Peak Demand Yesterday</a>	30,304 MW
Minimum Demand	19,070 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	0	0	Planned Outage
Norway (NSL)	1400	900	ESO NTC restriction

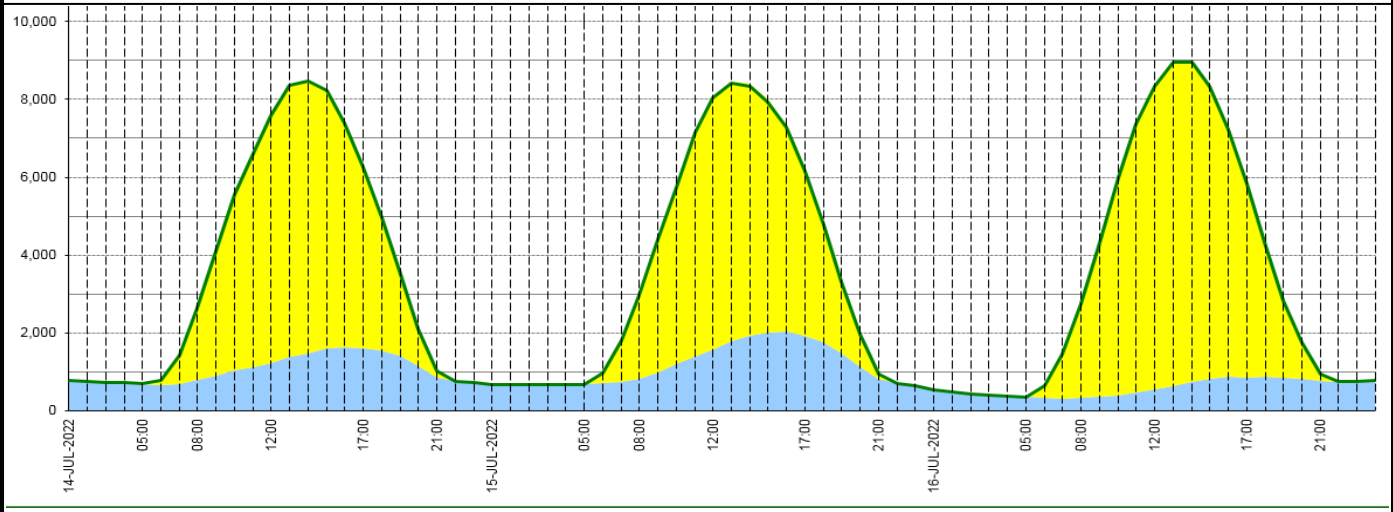
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	14-JUL-2022					15-JUL-2022					16-JUL-2022						
	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)	1	1850	6370	4670	165	0	1	2143	6429	4242	133	0	0	2413	7789	5030	184
Wind (MW)	686	782	1222	1596	860	670	682	815	1587	1935	811	550	351	332	554	858	768
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>687</b>	<b>2632</b>	<b>7592</b>	<b>6266</b>	<b>1025</b>	<b>670</b>	<b>683</b>	<b>2976</b>	<b>8046</b>	<b>6142</b>	<b>943</b>	<b>550</b>	<b>351</b>	<b>2755</b>	<b>8340</b>	<b>5823</b>	<b>953</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> Cloud and outbreaks of showery rain moving southeastwards across central parts of the UK. Turning brighter in the northwest later. Warm sunshine across the south and southwest. <b>Tonight:</b> Rain and showers clearing eastern England. Most parts dry with clear periods, a few fog patches possible. Cloud and patchy rain spreading into far northwest of Scotland later.
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> Amber warning of extreme heat Areas affected: East Midlands   East of England   London & South East England   North East England   North West England   South West England   Wales   West Midlands   Yorkshire & Humber  Starts: 00:00 BST on Sun 17 July Ends: 23:59 BST on Tue 19 July A hot spell is likely to develop from Sunday, likely peaking early next week, leading to widespread impacts on people and infrastructure.  - Population-wide adverse health effects are likely to be experienced, not limited to those most vulnerable to extreme heat, leading to potential serious illness or danger to life.

Weather	Source	Commentary
		<p>Government advice is that 999 services should be used in emergencies only; seek advice from 111 if you need non-emergency health advice</p> <ul style="list-style-type: none"> <li>- Substantial changes in working practices and daily routines likely to be required</li> <li>- Significantly more people are likely to visit coastal areas, lakes and rivers leading to increased risk of water safety incidents</li> <li>- Delays on roads and road closures are possible, along with delays and cancellations to rail and air travel, with potential for significant welfare issues for those who experience even moderate delays</li> </ul> <p>Issued at: 13:59 BST on Mon 11 July Last updated: 2 days ago</p>
		<p><b>Flood Warnings</b></p> <p>No flood warnings are currently in force for England.</p> <p>No flood warnings are currently in force for Scotland.</p> <p>No flood warnings are currently in force for Wales.</p>

*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>