

**National Electricity  
Transmission System Status Report**

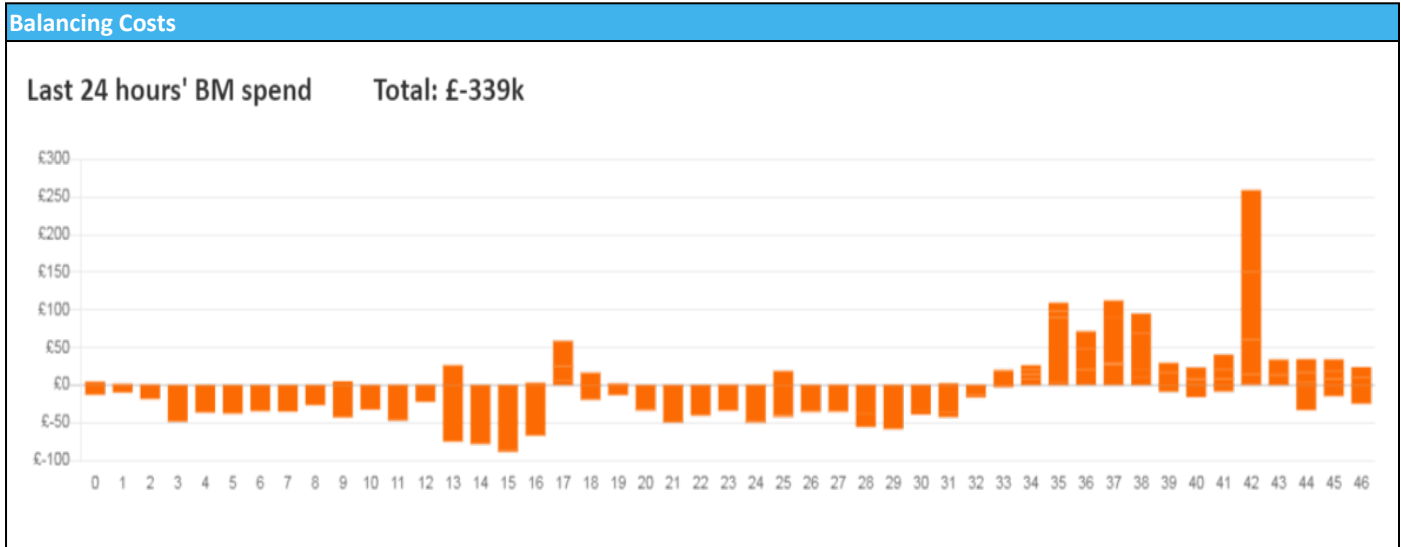


national**grid**ESO

National Electricity Transmission System Status Report  
Sunday 17 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>	7590 (SP 36)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050 MW



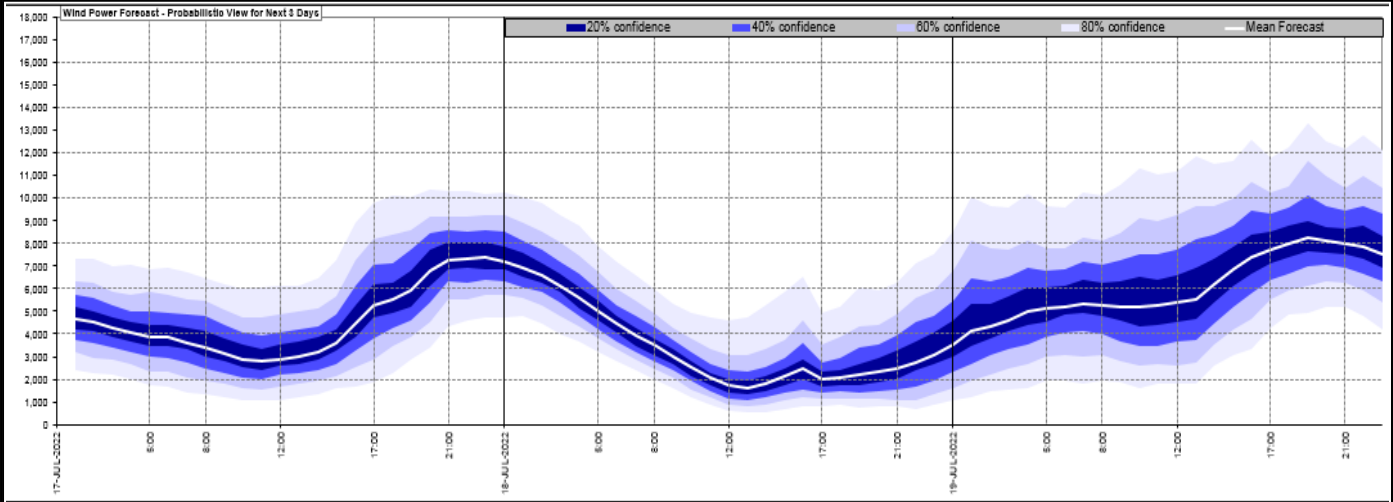
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£315.10 (SP 37)
<a href="#">Cash Out Price (Min)</a>	£00.00 (SP 16)
<a href="#">Peak Demand Yesterday</a>	29,347 MW
Minimum Demand	17,120 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	1150	ESO NTC restriction

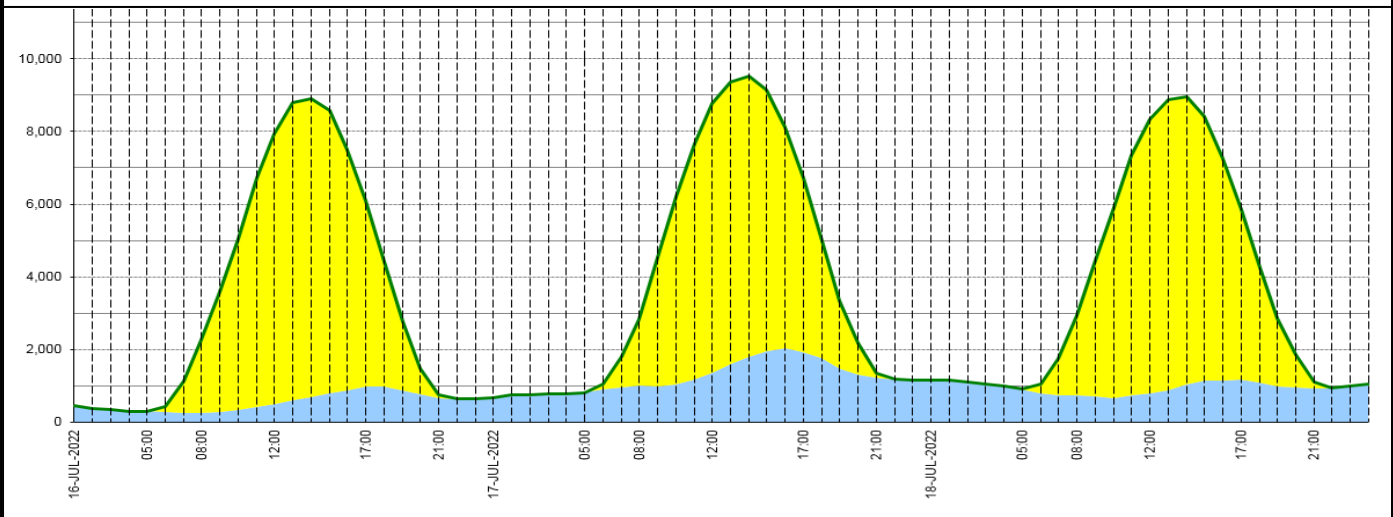
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	16-JUL-2022					17-JUL-2022					18-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	2000	7450	5120	93	0	0	1895	7410	4797	139	0	0	2193	7533	4704	171
Wind (MW)	301	253	484	978	654	665	814	999	1360	1927	1216	1167	909	729	787	1159	935
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>302</b>	<b>2253</b>	<b>7934</b>	<b>6098</b>	<b>747</b>	<b>665</b>	<b>814</b>	<b>2843</b>	<b>8774</b>	<b>6703</b>	<b>1357</b>	<b>1167</b>	<b>909</b>	<b>2932</b>	<b>8347</b>	<b>5863</b>	<b>1104</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> Starting cloudy northern England northwards with outbreaks of rain, heavy in parts of eastern Scotland, this clearing to leave low cloud and drizzle in far north. Elsewhere, fine and mostly sunny. Becoming hot and locally very hot across central areas.</p> <p><b>Tonight:</b> Fine and very warm for most areas, whilst patchy low cloud and some mist affects parts of the far north.</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> Amber warning of extreme heat Areas affected: East Midlands   East of England   London &amp; South East England   North East England   North West England   South West England   Wales   West Midlands   Yorkshire &amp; Humber</p> <p>ACTIVE: Started at: 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.</p> <p>Red warning of extreme heat Areas affected: East Midlands   East of England   London &amp; South East England   North West England   South West England   West Midlands   Yorkshire &amp; Humber</p>

Weather	Source	Commentary
		<p>Starts: 00:00 BST on Mon 18 July Ends: 23:59 BST on Tue 19 July</p> <p>An exceptional hot spell on Monday and Tuesday leading to widespread impacts on people and infrastructure.</p>
		<p>Amber warning of extreme heat</p> <p>Areas affected: North East England   North West England   SW Scotland, Lothian Borders   South West England   Strathclyde   Wales   Yorkshire &amp; Humber</p>
		<p>Starts: 00:00 BST on Mon 18 July Ends: 23:59 BST on Tue 19 July</p> <p>A hot spell is likely to develop from Sunday, likely peaking early next week, leading to widespread impacts on people and infrastructure.</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>

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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>
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