

**National Electricity  
Transmission System Status Report**

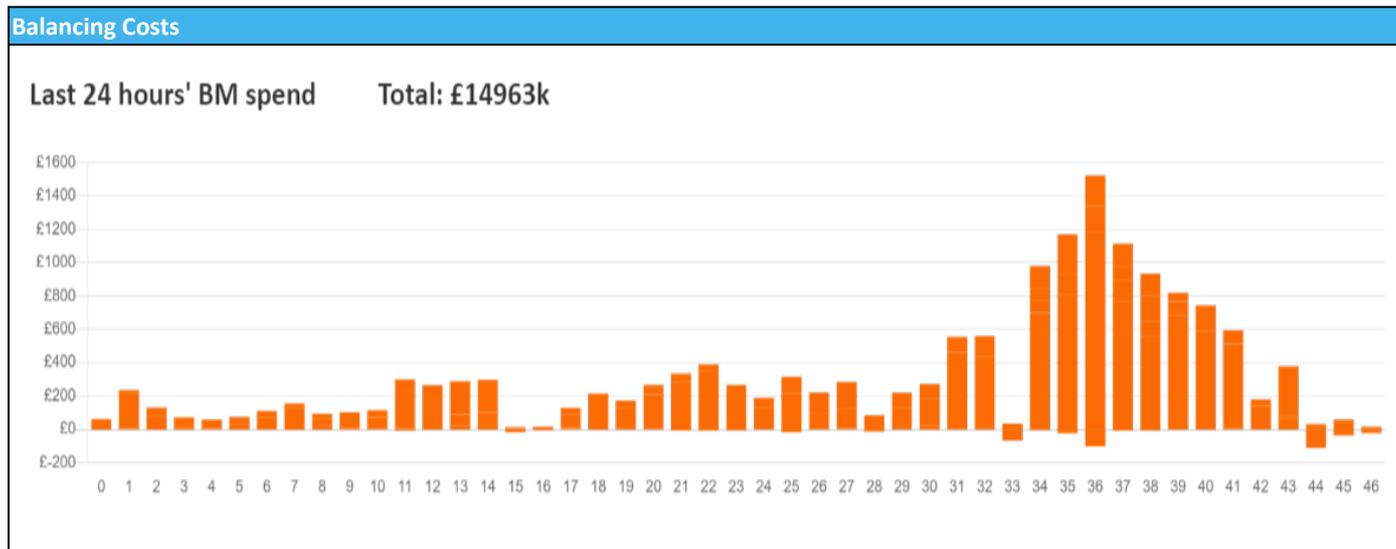


national**grid**ESO

National Electricity Transmission System Status Report  
Wednesday 20 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>			

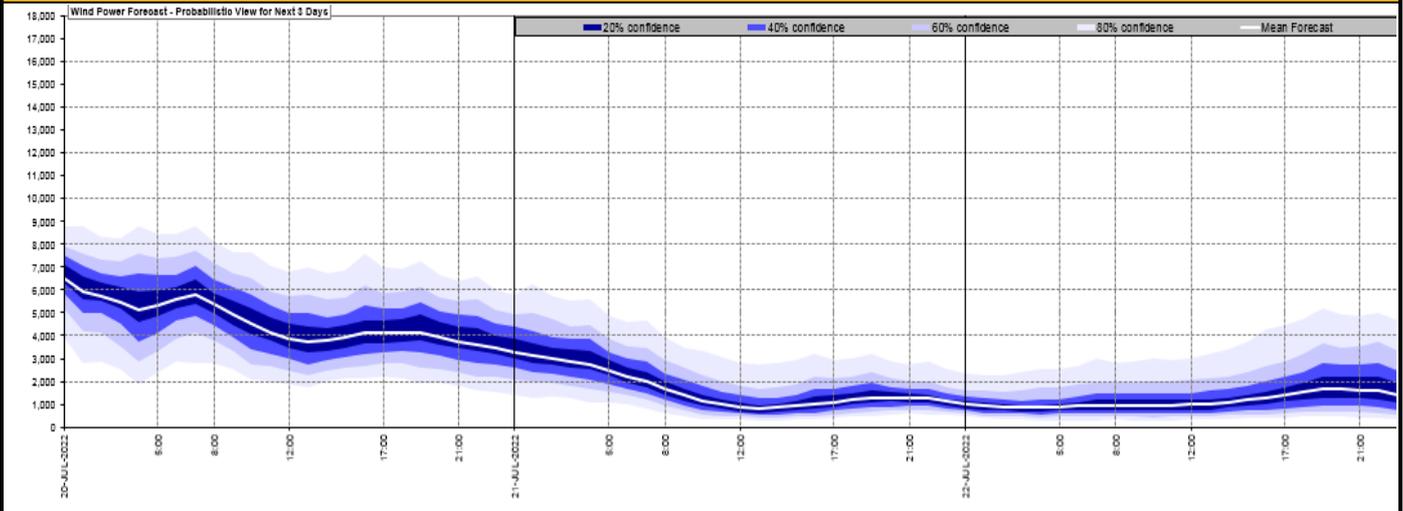
<a href="#">Today's Minimum De-Rated Margin</a>	3255 (SP 22)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£774.00 (SP 38)
<a href="#">Cash Out Price (Min)</a>	£144.00 (SP 35)
<a href="#">Peak Demand Yesterday</a>	31,171 MW
Minimum Demand	20,299 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	0	0	Unplanned Outage
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)	1260	1100	ESO NTC restriction

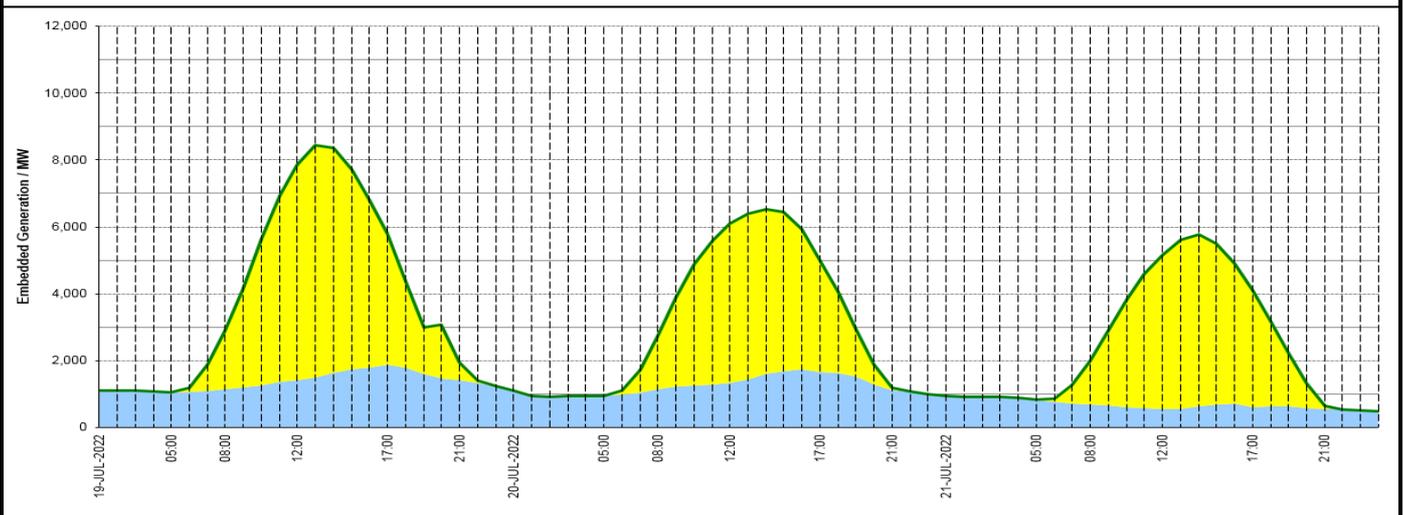
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

Embedded Generation Estimates																	Last run: 20-Jul-2022 02:39:21
	19-JUL-2022					20-JUL-2022					21-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	1760	6450	3930	538	0	0	1579	4771	3338	61	0	0	1308	4612	3497	98
Wind (MW)	1042	1131	1405	1872	1415	1114	945	1135	1330	1658	1127	948	829	687	548	608	547
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1043</b>	<b>2891</b>	<b>7855</b>	<b>5802</b>	<b>1953</b>	<b>1114</b>	<b>945</b>	<b>2714</b>	<b>6101</b>	<b>4996</b>	<b>1188</b>	<b>948</b>	<b>829</b>	<b>1995</b>	<b>5160</b>	<b>4105</b>	<b>645</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> Cloudier than recently with some sunny spells. Less hot across the UK but still warm. Very warm or hot in parts of the east and southeast. Some heavy showers developing over central England. <b>Tonight:</b> Showers gradually dying out over England, lingering longest over Lincolnshire and Norfolk. Fairly cloudy central and eastern parts. Much cooler than recent nights but still warm in east and southeast
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 for Thunderstorms affecting East Midlands, East of England, London & South East England, South West England and West Midlands <b>Flood Warnings</b> No flood warnings are currently in force for England. No flood warnings are currently in force for Scotland. No flood warnings are currently in force 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>
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