

National Electricity Transmission System Status Report

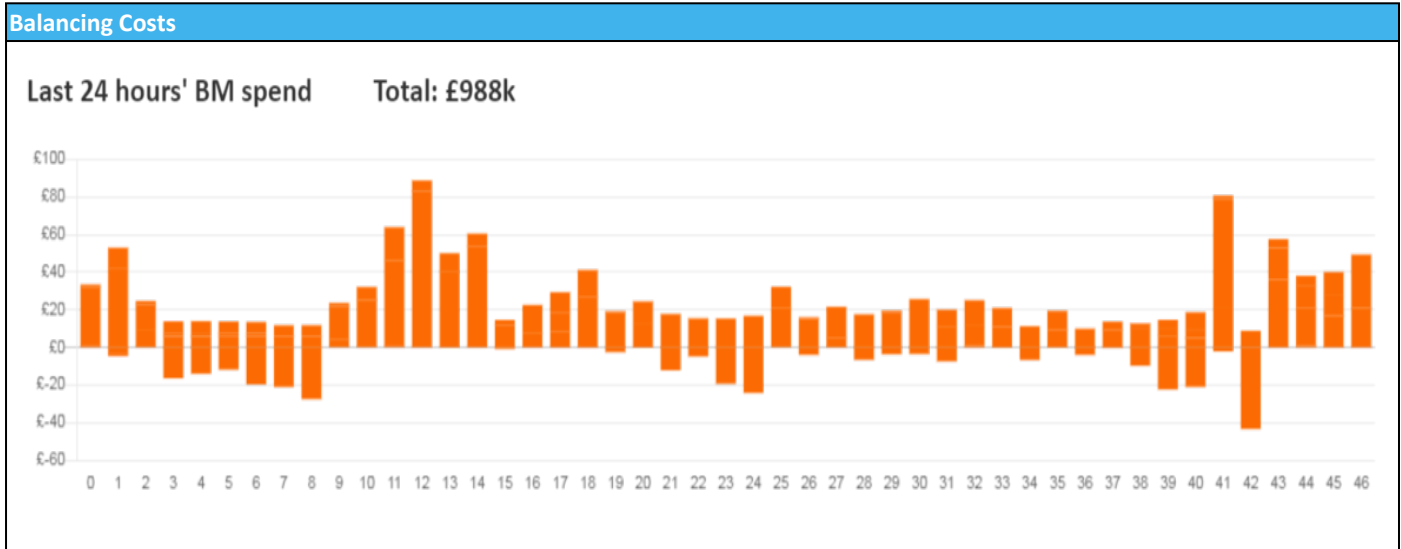


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 11 July 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			
System Warning			

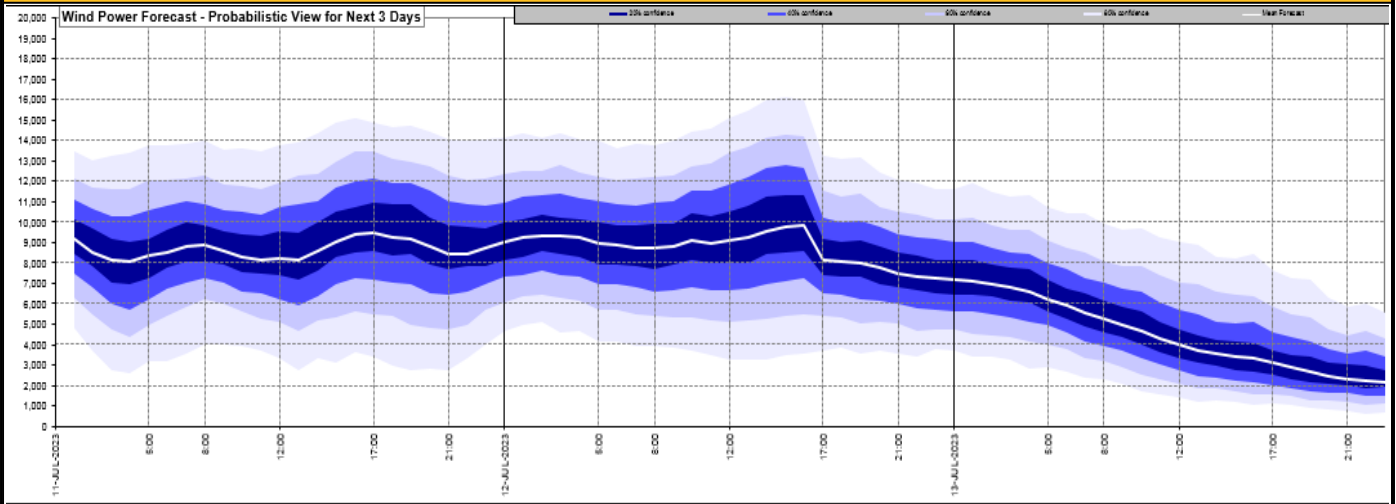
Today's Minimum De-Rated Margin	7,636 (SP 41)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	850 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£140.00 (SP 3, 35 & 37)
Cash Out Price (Min)	£59.00 (SP 36)
Peak Demand Yesterday	30,849 MW
Minimum Demand	16,785 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	1500	1500	Unplanned Outage
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)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

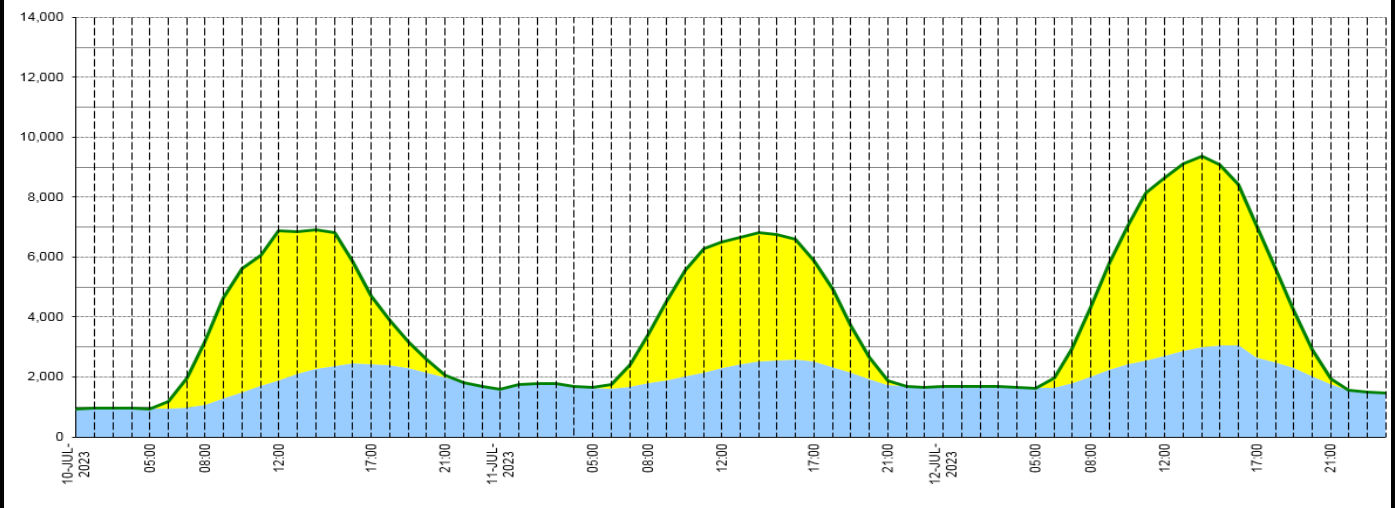
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	10-JUL-2023					11-JUL-2023					12-JUL-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	2109	4967	2264	90	0	0	1587	4199	3347	156	0	0	2313	5947	4366	173
Wind (MW)	939	1071	1900	2439	1986	1577	1639	1793	2299	2525	1727	1676	1628	2018	2694	2647	1772
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	939	3180	6867	4703	2076	1577	1639	3380	6498	5872	1883	1676	1628	4331	8641	7013	1945



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain clearing from the southeast during the morning. Elsewhere it's a day of sunny spells and showers, these most frequent in the north, perhaps with thunder and hail. Near average temperatures, with highs of 24 Celsius in eastern England.</p> <p>Tonight: Showers quickly fading during the evening, leaving most places dry with clear spells, however some showers will linger across the north and west. Feeling a little fresher than Monday night.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 16:00 BST on Mon 10 July Ends: 06:00 BST on Tue 11 July A small chance of disruption from heavy rain during Monday night.</p> <ul style="list-style-type: none"> - Spray and flooding could lead to difficult driving conditions and some road closures along with the chance of delays or cancellations to train and bus services - There is a small chance that some communities will become cut off by flooded roads - There is a slight chance of power cuts and loss of other services to some homes and businesses

Weather	Source	Commentary
		- There is a small chance that homes and businesses could be flooded, causing damage to some buildings
		Flood Warnings 0 flood warnings and 6 flood alerts issued for England. 3 flood warnings and 10 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.

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

Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights