

**National Electricity
Transmission System Status Report**

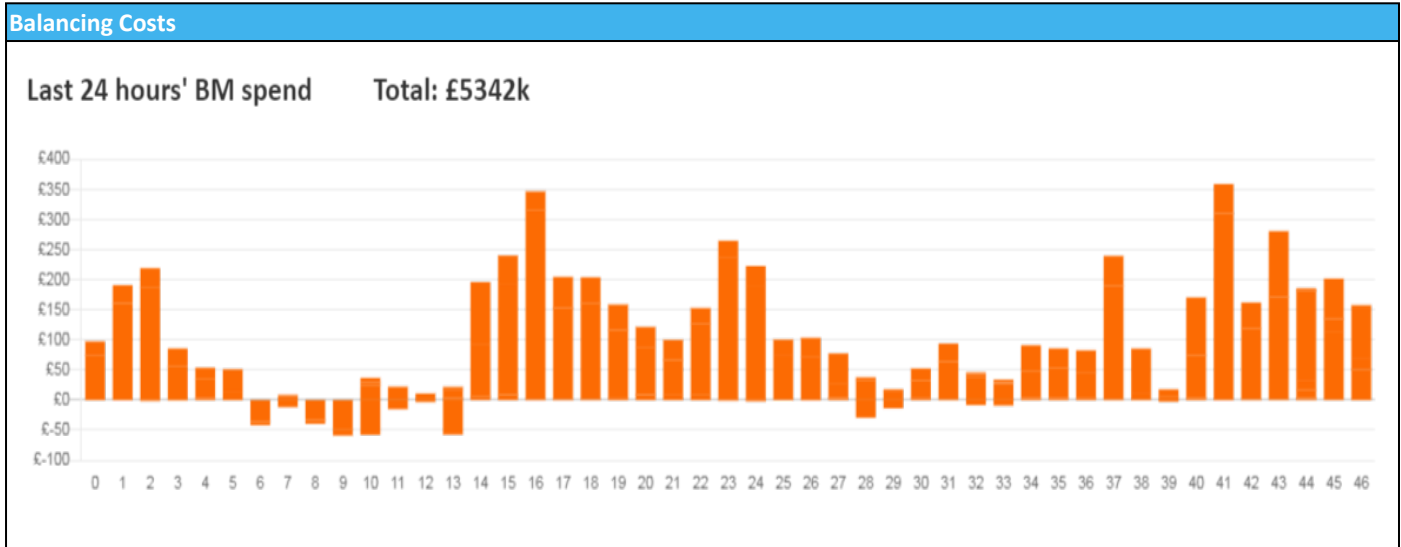


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 16 August 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			
System Warning			

Today's Minimum De-Rated Margin	3,694 (SP 20)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	750 MW



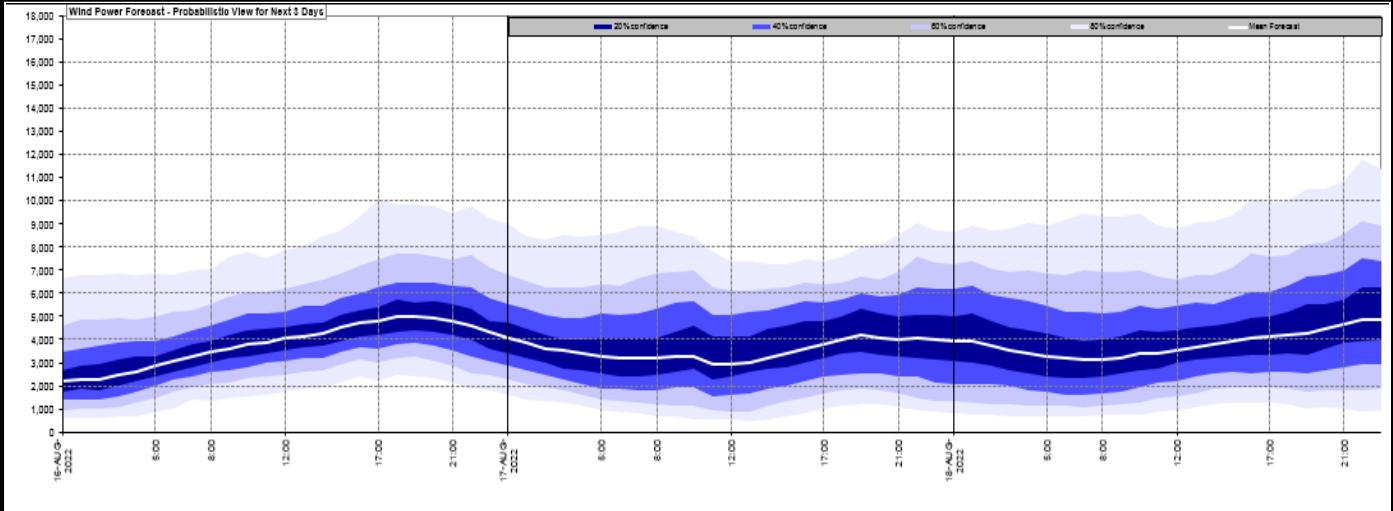
Yesterday's Market Summary

Cash Out Price (Max)	£495.00 (SP 39)
Cash Out Price (Min)	£190.00 (SP 11)
Peak Demand Yesterday	30,943 MW
Minimum Demand	19,900 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)	244	250	Partially Available
Norway (NSL)	700	700	Partially Available

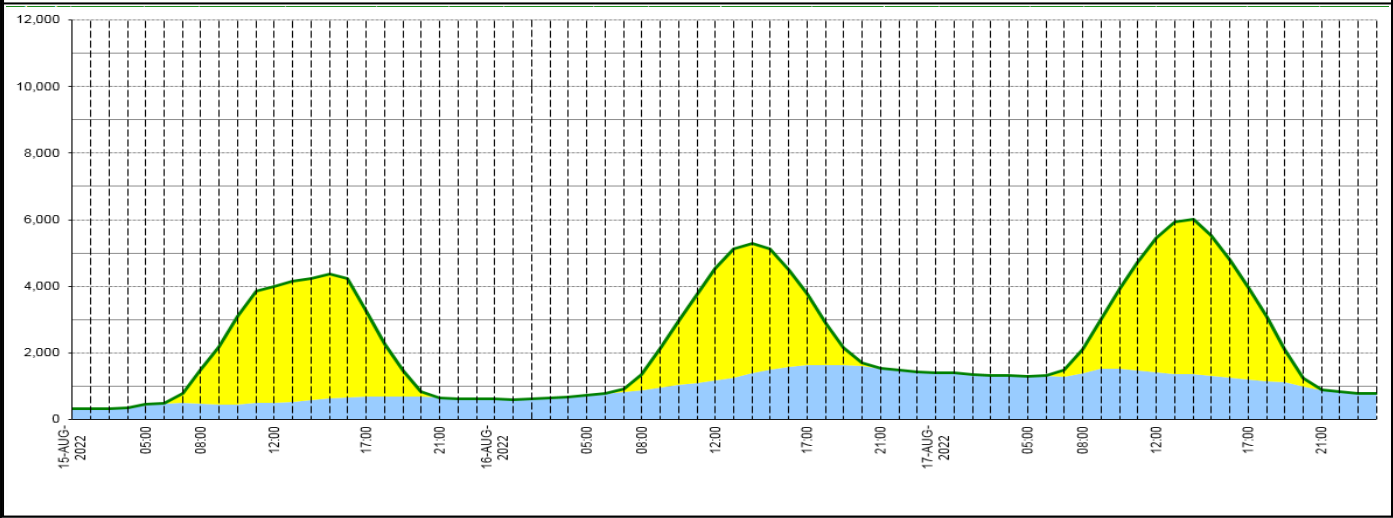
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-AUG-2022					16-AUG-2022					17-AUG-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)	0	1020	3491	2584	0	0	0	483	3348	2150	0	0	0	694	4048	2778	0
Wind (MW)	450	459	495	672	648	619	714	867	1173	1624	1531	1401	1304	1399	1401	1188	883
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	450	1479	3986	3256	648	619	714	1350	4521	3774	1531	1401	1304	2093	5449	3966	883



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cool and cloudy in the north with rain across Scotland slowly turning light and patchy. Warm and humid across England and Wales with some sunny spells but also showers, some torrential with thunder and localised flooding.</p> <p>Tonight: Showers and thunderstorms across England and Wales slowly dying out but a few persisting, mainly in the south and southeast. Clear spells in the north, turning chilly in places.</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 thunderstorms 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 Started at: 00:00 BST on Tue 16 August Ends: 23:59 BST on Tue 16 August While some places stay dry, others are likely to see thunderstorms with torrential rain bringing some disruption. - Flooding of homes and businesses could happen quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds - Fast flowing or deep floodwater is possible, causing a danger to life - Where flooding or lightning strikes occur, there is a chance of delays and some</p>

Weather	Source	Commentary
		<p>cancellations to train and bus services</p> <ul style="list-style-type: none"> - Spray and sudden flooding could lead to difficult driving conditions and some road closures - Some communities might become cut off if roads flood - Power cuts might occur and other services to some homes and businesses could be lost <p>Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian SW Scotland, Lothian Borders Strathclyde Started at: 00:00 BST on Tue 16 August Ends: 10:00 BST on Tue 16 August Spells of rain, heavy at times, during early Tuesday may lead to travel disruption.</p> <ul style="list-style-type: none"> - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater causing danger to life - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - Spray and flooding could lead to difficult driving conditions and some road closures - 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 <p>Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England South West England West Midlands Starts: 09:00 BST on Wed 17 August Ends: 23:59 BST on Wed 17 August While some places stay dry, others are likely to see thunderstorms with torrential rain during Wednesday, bringing possible disruption.</p> <ul style="list-style-type: none"> - Spray and sudden flooding could lead to difficult driving conditions and some road closures - There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds - There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost - There is a small chance that some communities become cut off by flooded roads - Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services - There is a small chance of fast flowing or deep floodwater causing danger to life <p>Flood Warnings No flood warnings, 15 alerts in Scotland. No flood warnings 5 alerts in Wales. No flood warnings, 11 alerts in England.</p>

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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