

**National Electricity
Transmission System Status Report**

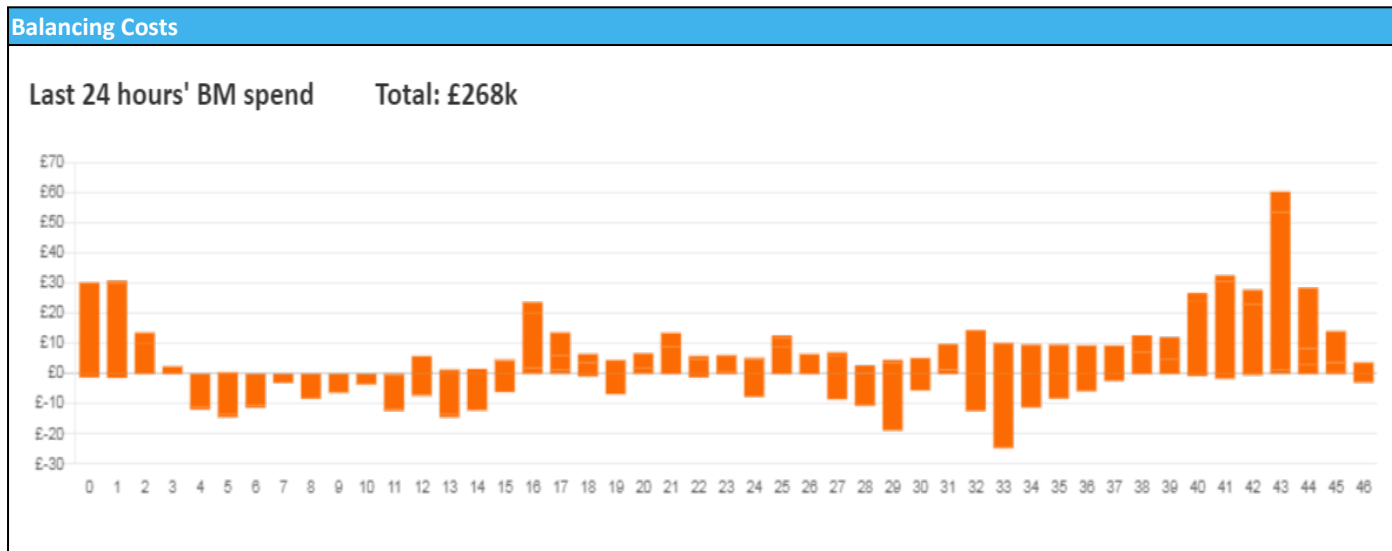


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 18 June 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			

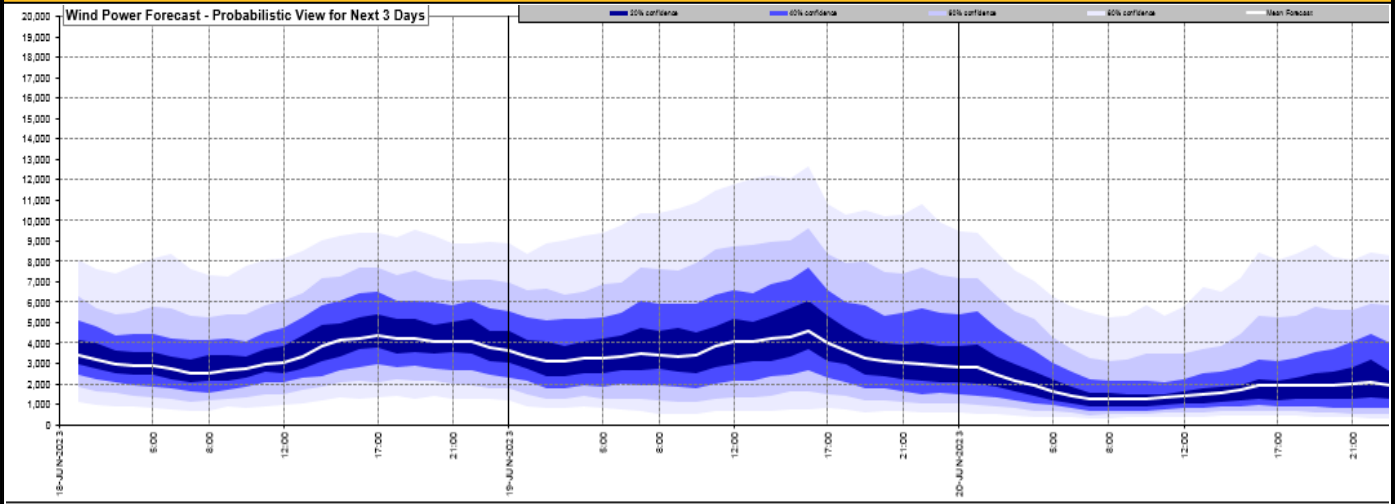
Today's Minimum De-Rated Margin	3,014 (SP 48)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£155.50 (SP 2&3)
Cash Out Price (Min)	£52.55 (SP 30)
Peak Demand Yesterday	26,728 MW
Minimum Demand	17,551 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	2000	2000	Fully Available
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)	1400	1400	Fully Available
France (IFA2)	1014	1014	Fully Available

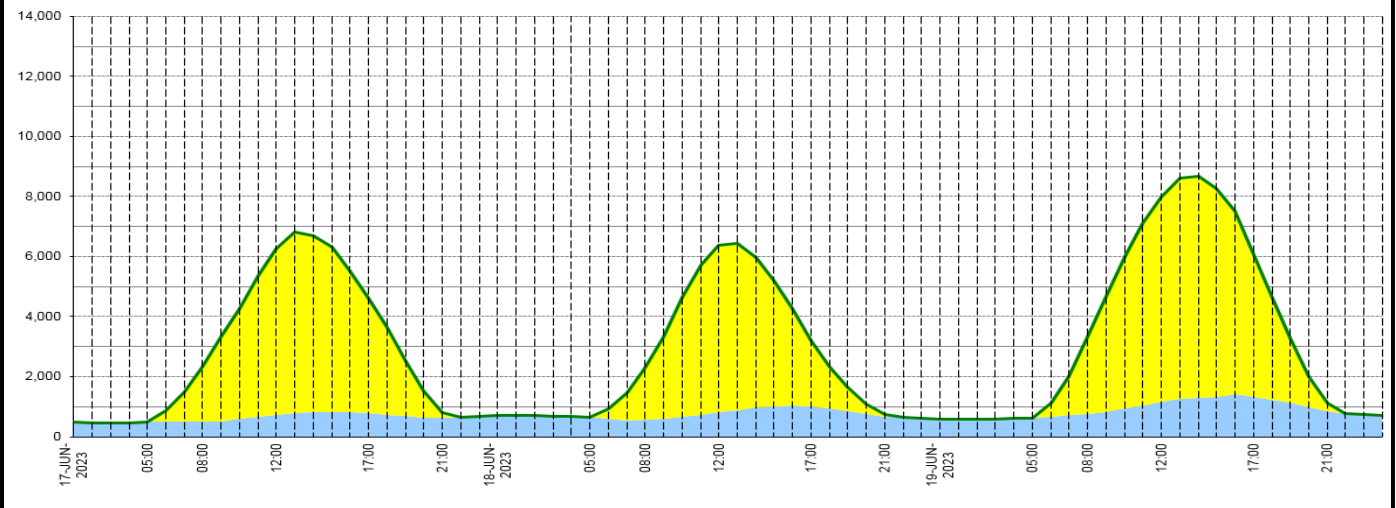
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JUN-2023					18-JUN-2023					19-JUN-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)	.1	1819	5527	3838	174	0	0	1712	5580	2196	80	0	0	2556	6840	4745	244
Wind (MW)	498	490	729	789	619	699	649	557	809	994	677	587	626	770	1151	1331	862
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	499	2309	6256	4627	793	699	649	2269	6389	3190	757	587	626	3326	7991	6076	1106



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunny spells and scattered showers at first. During the day showers will break out more widely, especially across England, Wales and Northern Ireland, turning very heavy and thundery in places. Feeling warm and humid.</p> <p>Tonight: Heavy and thundery rain continues across northern areas, but becoming drier elsewhere with clear spells and patchy low cloud. Another warm and humid night, particularly in eastern England.</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</p> <p>Starts: 12:00 BST on Sun 18 June Ends: 23:59 BST on Sun 18 June Heavy rain and thunderstorms on Sunday will bring a chance of disruption to parts of England and Wales.</p> <ul style="list-style-type: none"> - Spray and sudden flooding could lead to difficult driving conditions and possible road closures - Flooding of homes and businesses could happen quickly, with damage to some

Weather	Source	Commentary
		<p>buildings from floodwater, lightning strikes, hail or strong winds</p> <ul style="list-style-type: none"> - Fast flowing or deep floodwater is possible, perhaps temporarily cutting off one or two communities - Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services - Power cuts might occur and other services to some homes and businesses could be lost <p>Yellow warning of thunderstorms Areas affected: Northern Ireland</p> <p>Starts: 12:00 BST on Sun 18 June Ends: 21:00 BST on Sun 18 June Some places staying dry, but scattered thunderstorms may cause flooding and disruption on Sunday afternoon and evening.</p> <ul style="list-style-type: none"> - Spray and sudden flooding could lead to difficult driving conditions and some temporary road closures - 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 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, or that other services to some homes and businesses could be lost <p>Flood Warnings</p> <p>0 flood warnings and 0 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 flood alerts issued for Wales.</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