

National Electricity Transmission System Status Report

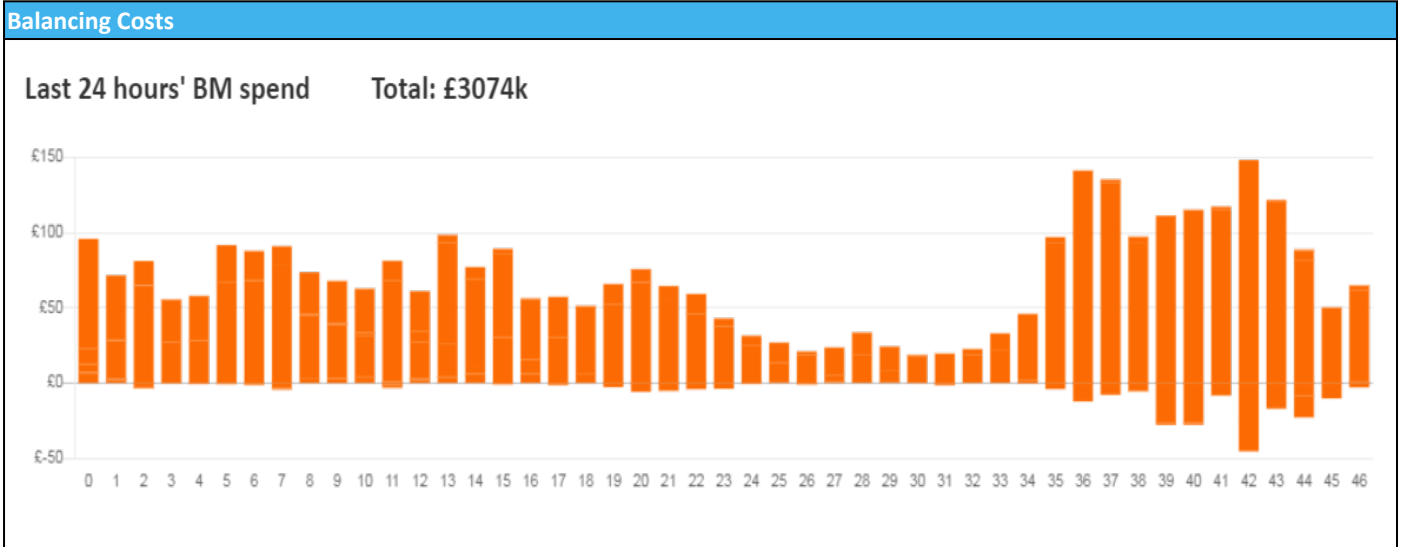


nationalgridESO

National Electricity Transmission System Status Report
Monday 12 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	2026 (SP 38)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



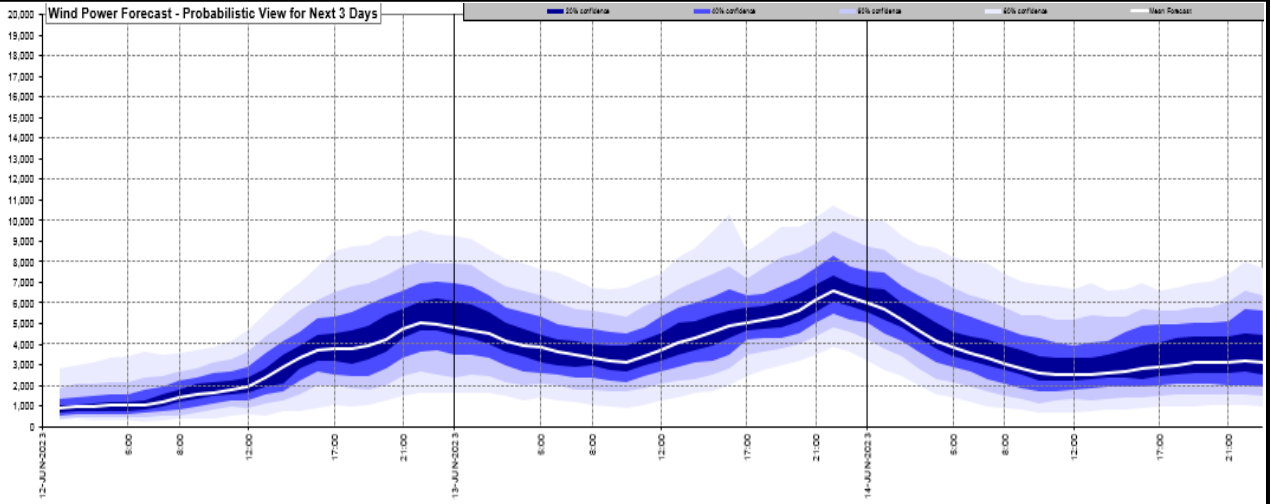
Yesterday's Market Summary

Cash Out Price (Max)	£180 (SP 41,42, 44, 47)
Cash Out Price (Min)	£37 (SP 28)
Peak Demand Yesterday	27594 MW
Minimum Demand	16653 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	1000	1000	Partially 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)	712	712	Partially Available
France (IFA2)	1014	1014	Fully Available

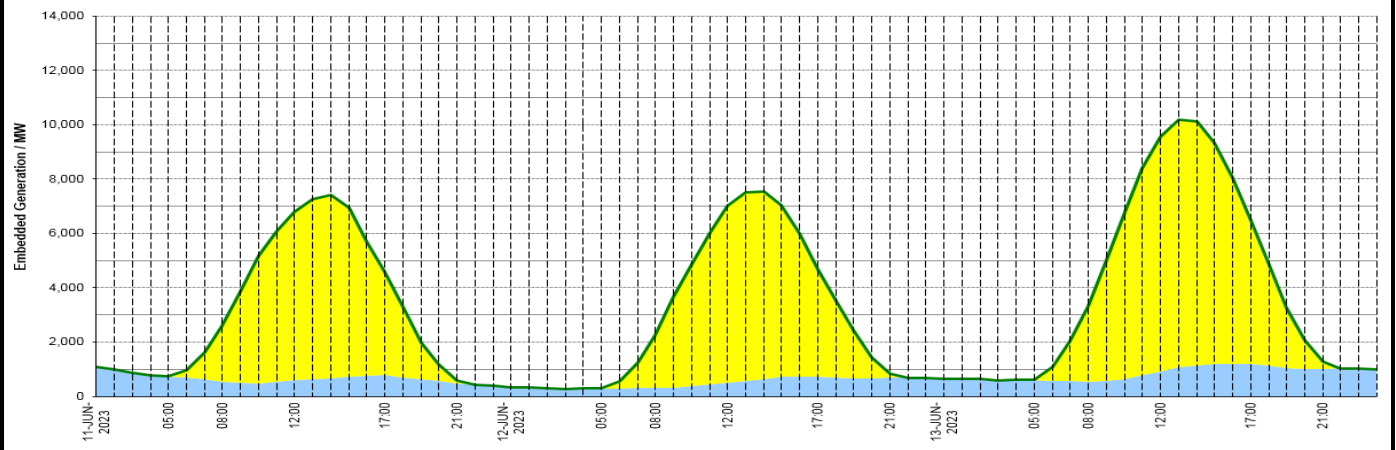
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 12-Jun-2023 04:33:19				
	11-JUN-2023					12-JUN-2023					13-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)	0	2061	6186	3806	108	0	0	1933	6501	3947	146	0	0	2792	8620	5284	256
Wind (MW)	734	525	588	791	481	344	293	319	497	739	682	647	606	544	923	1188	1005
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	734	2586	6774	4597	589	344	293	2252	6998	4686	828	647	606	3336	9543	6472	1261



Latest forecast at S:\QandT\OptRisk\Energy_Requirements\09 - Demand forecasting (Forecasting team)\10 - Daily Files\EmbeddedUpdate\Latest Contact: .box.demand.forecast@nationalgrid.com

Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Staying hot and humid for many on Monday, with plenty of sunny spells developing. Scattered slow moving thundery showers will develop during the day. Feeling very warm but cooler near eastern coasts.</p> <p>Tonight: Thundery showers will ease through the evening with most places becoming dry overnight. It will remain warm and muggy for many, especially in the south.</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: London & South East England South West England Wales West Midlands</p> <p>ACTIVE Started at: 19:00 BST on Sun 11 June Ends: 09:00 BST on Mon 12 June Heavy rain may bring some disruption during Sunday evening and night.</p> <ul style="list-style-type: none"> - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - Spray and flooding could lead to difficult driving conditions and some road closures. Where flooding occurs, there is a slight chance of delays or cancellations to train and

Weather	Source	Commentary
		<p>bus services</p> <ul style="list-style-type: none"> - There is a small chance that some communities will become cut off by flooded roads <p>Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>Starts: 12:00 BST on Mon 12 June Ends: 21:00 BST on Mon 12 June Thunderstorms and torrential downpours may bring disruption to parts of England and Wales during Monday.</p> <ul style="list-style-type: none"> - Flooding of homes and businesses could happen quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds - Spray and sudden flooding could lead to difficult driving conditions and some road closures - Some communities might become cut off if roads flood - 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 - Fast flowing or deep floodwater is possible, causing a danger to life <p>Yellow warning of thunderstorms Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Northern Ireland SW Scotland, Lothian Borders Strathclyde</p> <p>Starts: 12:00 BST on Mon 12 June Ends: 21:00 BST on Mon 12 June Thunderstorms developing Monday afternoon may bring some 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 slight chance that power cuts could occur and other services to some homes and businesses could be lost - 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 some communities become cut off by flooded roads - 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 <p>Flood Warnings</p> <p>1 flood warnings and 16 flood alerts issued for England.</p> <p>0 flood warnings and 16 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