

**National Electricity
Transmission System Status Report**

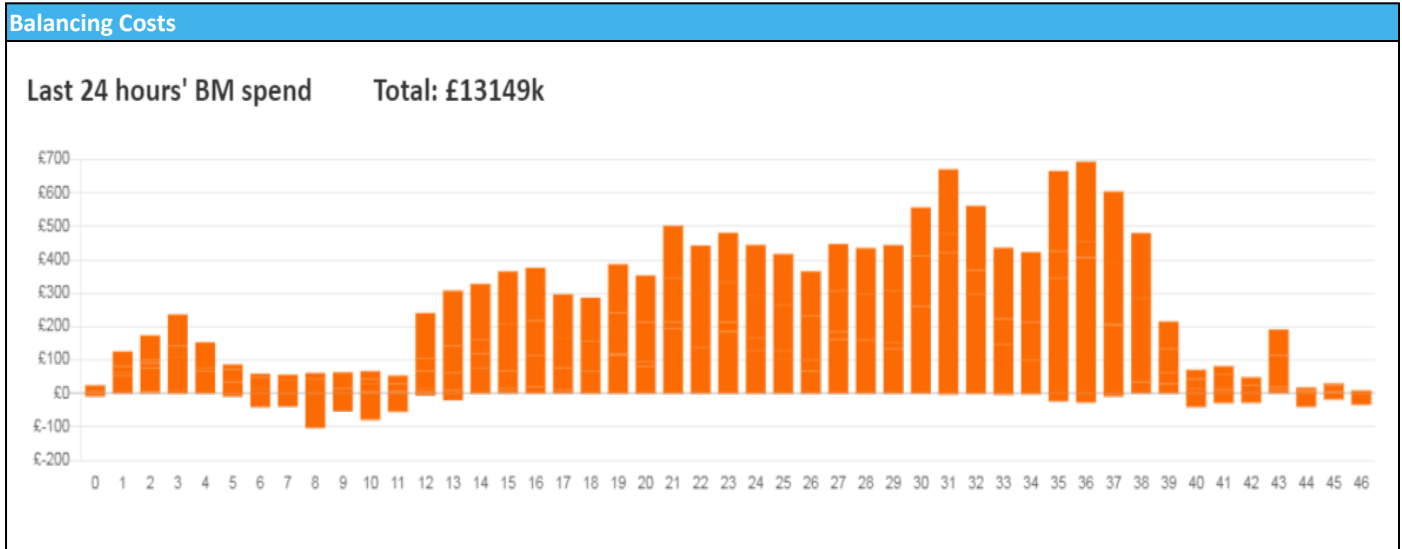


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 17 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			

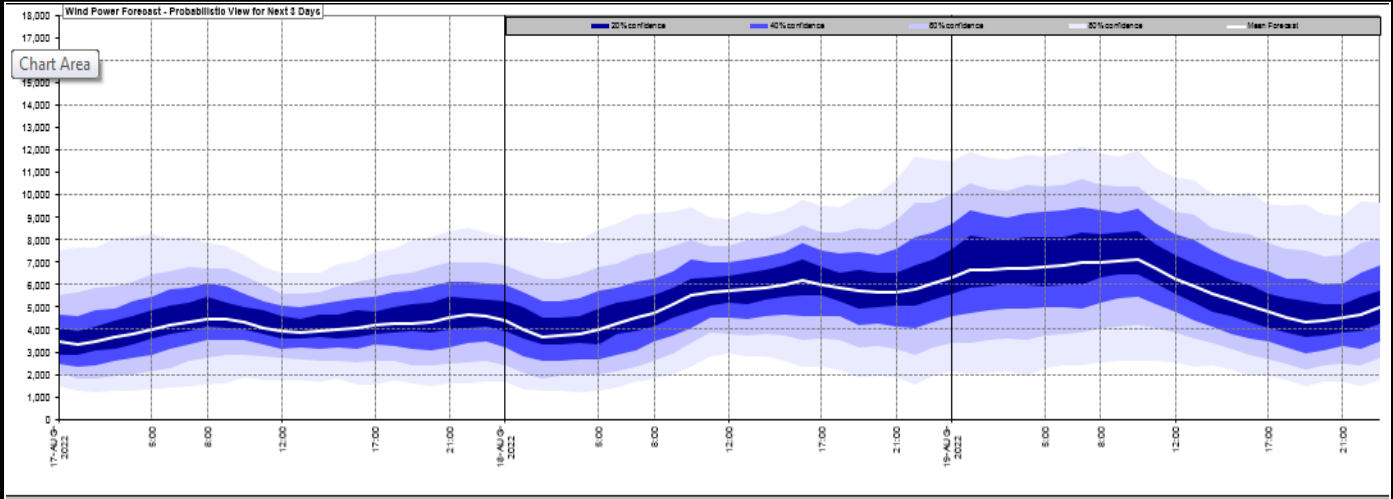
Today's Minimum De-Rated Margin	4,254 (SP 36)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£647.79 (SP 38)
Cash Out Price (Min)	£237.00 (SP 8-12)
Peak Demand Yesterday	32,314 MW
Minimum Demand	18,537 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

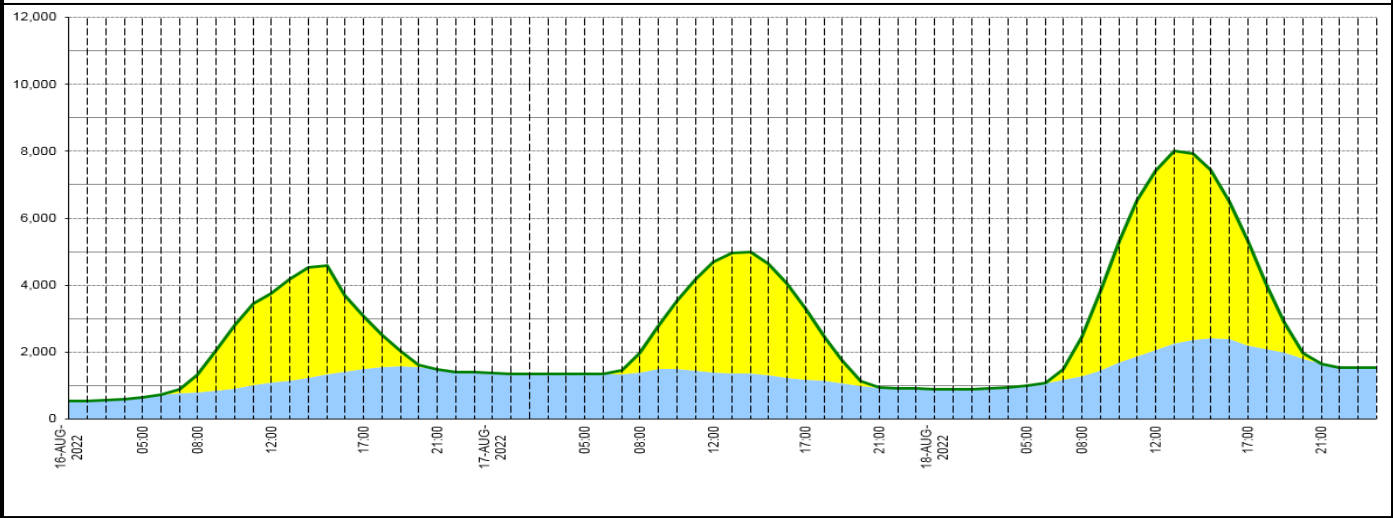
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-AUG-2022					17-AUG-2022					18-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	535	2647	1563	0	0	0	577	3312	2118	0	0	0	1180	5356	3114	0
Wind (MW)	658	784	1093	1503	1487	1370	1356	1400	1379	1177	939	889	996	1276	2071	2203	1646
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	658	1319	3740	3066	1487	1370	1356	1977	4691	3295	939	889	996	2456	7427	5317	1646



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Heavy showers and thunderstorms affecting southern and southeast England, though some warm sunny spells also likely. Cooler and cloudier for some central and eastern parts with rain dying out. Mostly dry and fine in the northwest.</p> <p>Tonight: Thunderstorms in the southeast slowly dying out. Most parts dry with clear spells, turning chilly in places. Cloud and rain reaching the far northwest later.</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 South West England Wales West Midlands</p> <p>Started at: 00:00 BST on Wed 17 August Ends: 23:59 BST on Wed 17 August</p> <p>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"> - 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

Weather	Source	Commentary
		cancellations to train and bus services - Spray and sudden flooding could lead to difficult driving conditions and some road closures - Power cuts might occur and other services to some homes and businesses could be lost
		Flood Warnings No flood warnings, 0 alerts in Scotland. No flood warnings 5 alerts in Wales. No flood warnings, 29 alerts in England.

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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