

**National Electricity
Transmission System Status Report**

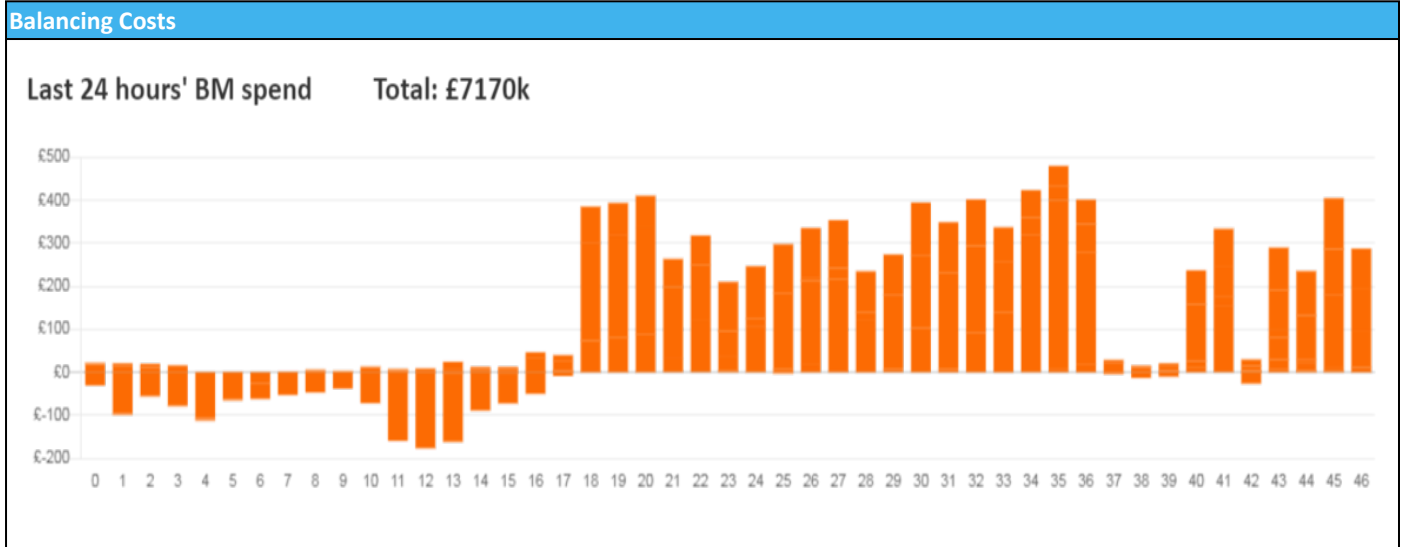


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 18 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			

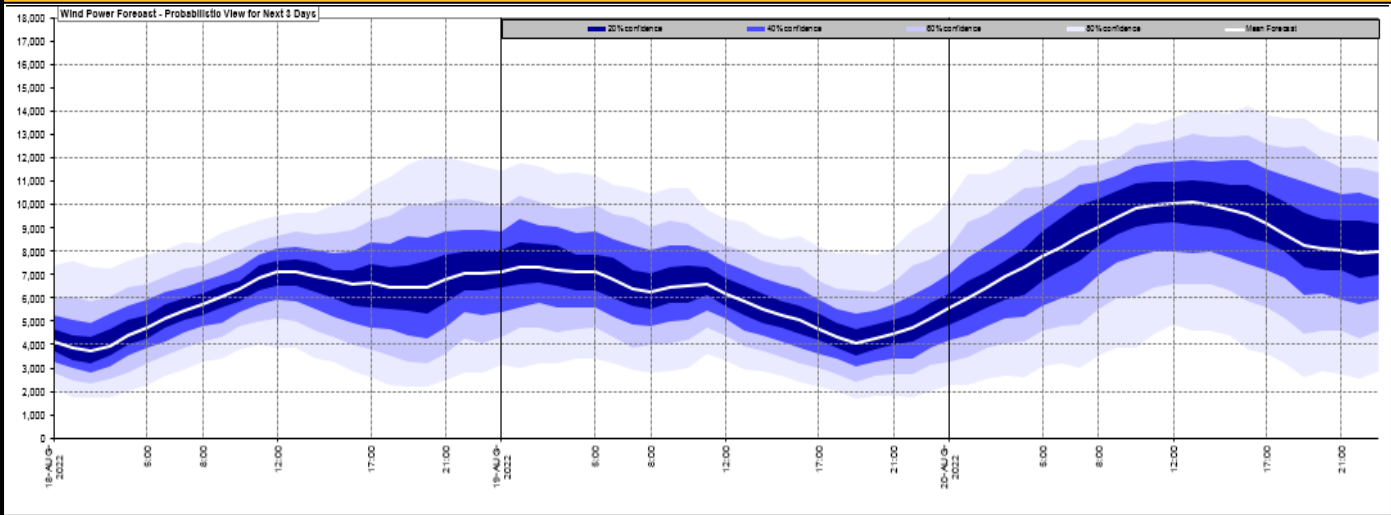
Today's Minimum De-Rated Margin	5216.77 (SP 43)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£649.63 (SP 37)
Cash Out Price (Min)	£64.32 (SP 8)
Peak Demand Yesterday	32,512 MW
Minimum Demand	19,002 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

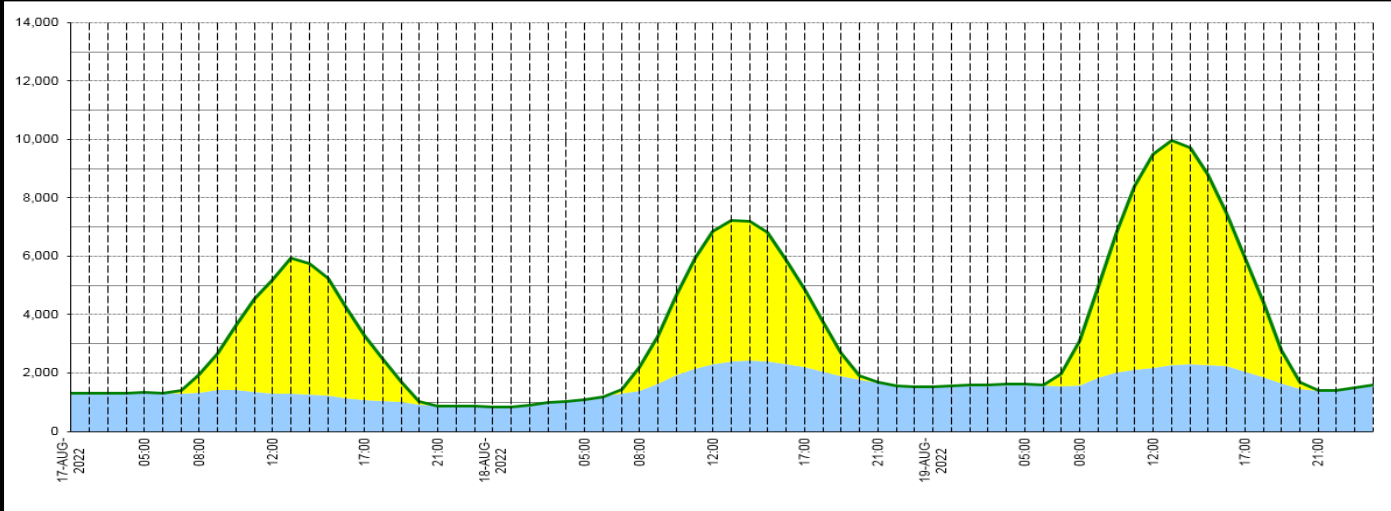
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-AUG-2022					18-AUG-2022					19-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	595	3863	2222	0	0	0	777	4535	2677	0	0	0	1530	7327	3877	0
Wind (MW)	1347	1331	1307	1066	876	837	1089	1401	2300	2192	1672	1523	1635	1576	2168	2058	1391
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1347	1926	5170	3288	876	837	1089	2178	6835	4869	1672	1523	1635	3106	9495	5935	1391



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Scattered showers across southeast England, possibly heavy near coasts at first. Otherwise, cloud breaking to allow sunny spells, before a band of rain across the northwest moves east across other northern and western parts. Sunshine and showers into northwest later.</p> <p>Tonight: Windy in the north with scattered showers, some heavy in the northwest. Rain, possibly heavy moving east across rest of England, then mostly dry.</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: London & South East England</p> <p>Started at: 00:00 BST on Thu 18 August Ends: 08:00 BST on Thu 18 August</p> <p>Whilst most areas will see showers die out a few may continue over parts of Kent into Thursday morning with a small chance of disruption.</p> <ul style="list-style-type: none"> - Spray and standing water 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

Weather	Source	Commentary
		<ul style="list-style-type: none"> - 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 small chance that some communities become cut off by flooded roads
		<p>Flood Warnings No flood warnings, 0 alerts in Scotland. No flood warnings 0 alerts in Wales. No flood warnings, 17 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