

**National Electricity
Transmission System Status Report**

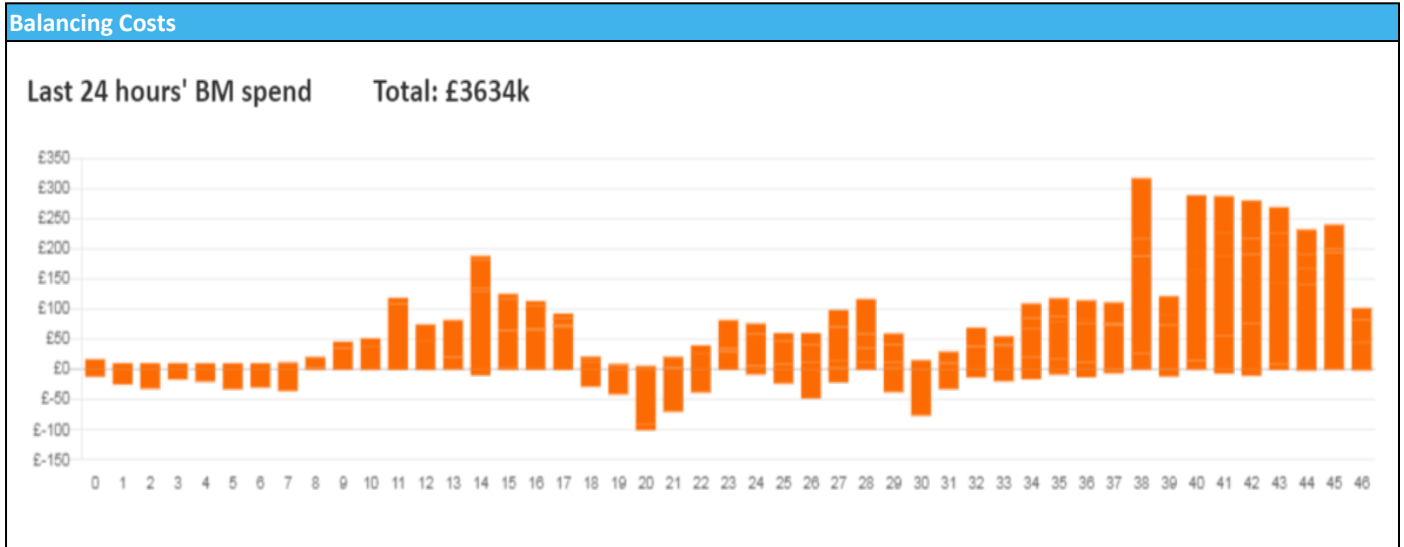


national**grid**ESO

National Electricity Transmission System Status Report
Friday 29 July 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	4788 (SP 19)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1250 MW



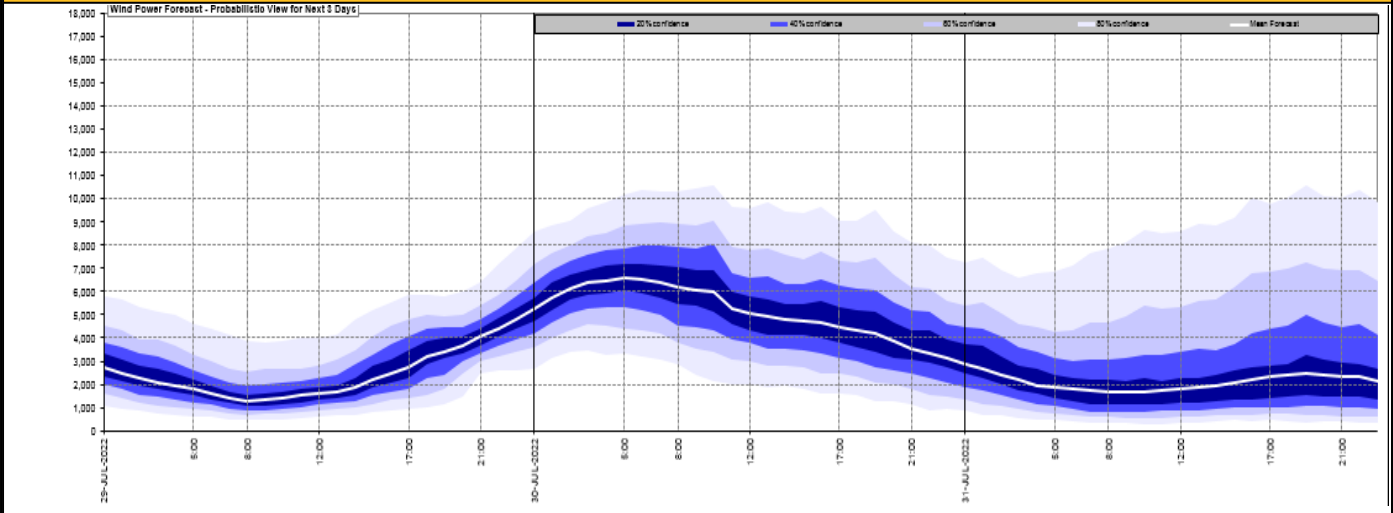
Yesterday's Market Summary

Cash Out Price (Max)	£430.00 (SP 16)
Cash Out Price (Min)	£168.50 (SP 20,21,22)
Peak Demand Yesterday	33, 102MW
Minimum Demand	18,490 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)	1400	1200	ESO NTC restriction

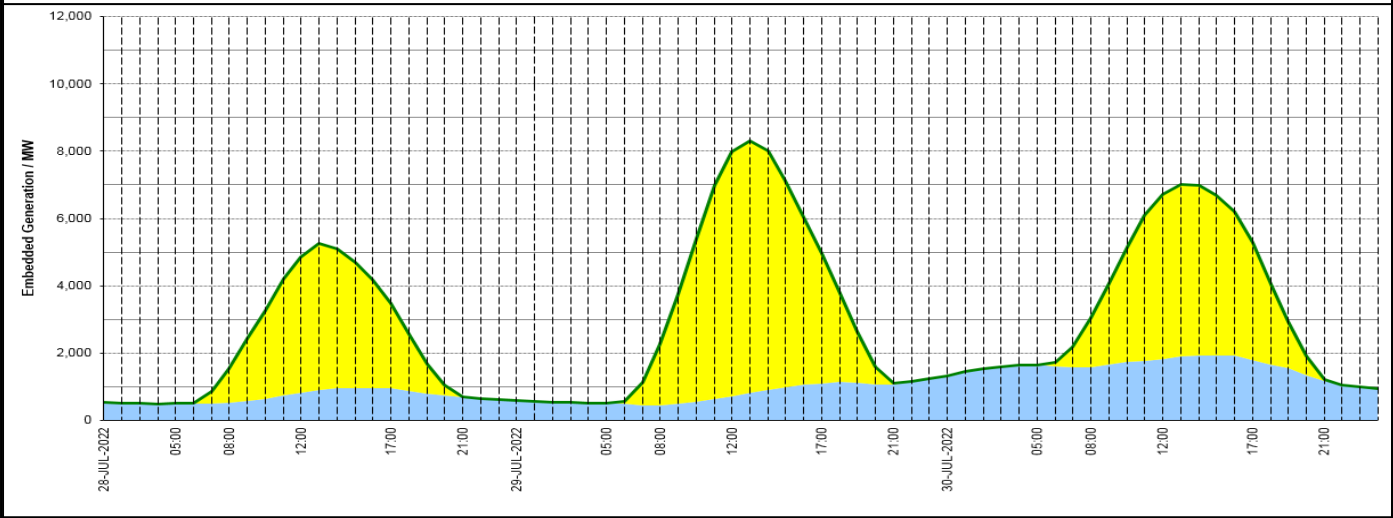
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JUL-2022					29-JUL-2022					30-JUL-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	1017	4043	2547	13	0	0	1829	7282	3852	24	0	0	1451	4884	3503	30
Wind (MW)	497	513	813	942	686	580	503	447	709	1101	1071	1331	1645	1586	1829	1790	1176
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	497	1530	4856	3489	699	580	503	2276	7991	4953	1095	1331	1645	3037	6713	5293	1206



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Showers will continue to affect northern England and parts of central and eastern Scotland until later this afternoon, although a few sunny intervals will develop. Elsewhere, mostly dry with sunny spells and becoming very warm in the south. Tonight: Rain soon into the northwest, moving east across northern and western parts, the rain heavy at times in the northwest. Other areas dry, but increasingly cloudy
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings no flood warnings, 2 flood alerts in Scotland. no flood warnings or alerts in Wales no flood warnings or alerts in England

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Further Information	
BM Reports	https://www.bmreports.com

Further Information	
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