

National Electricity Transmission System Status Report

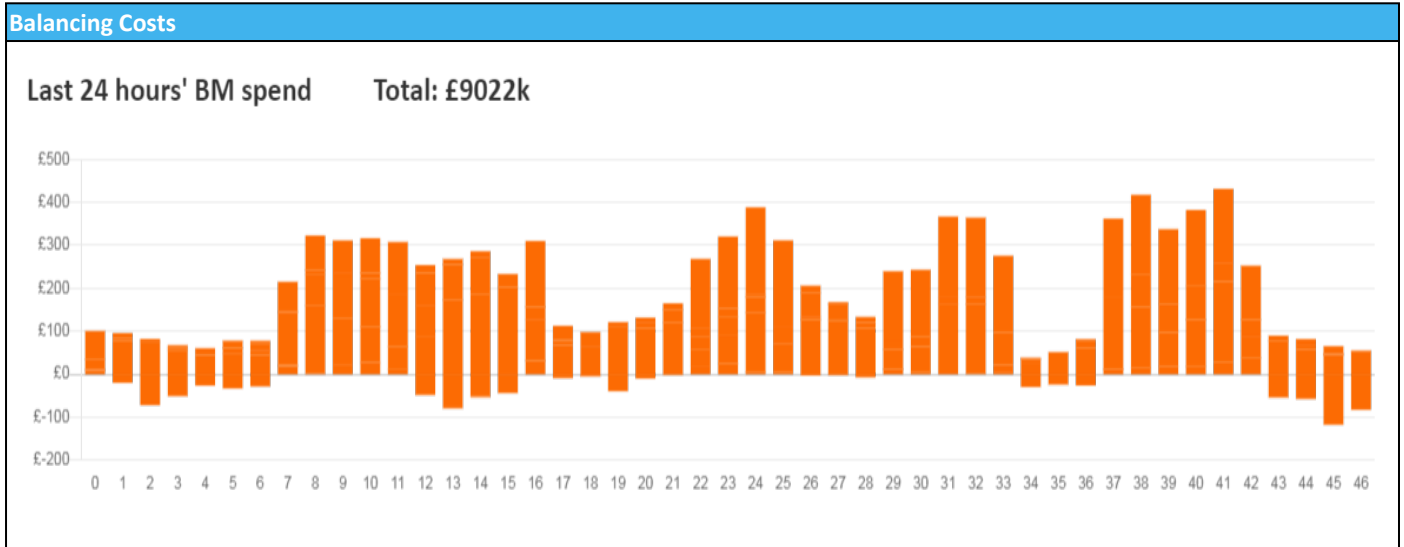


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 06 September 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			

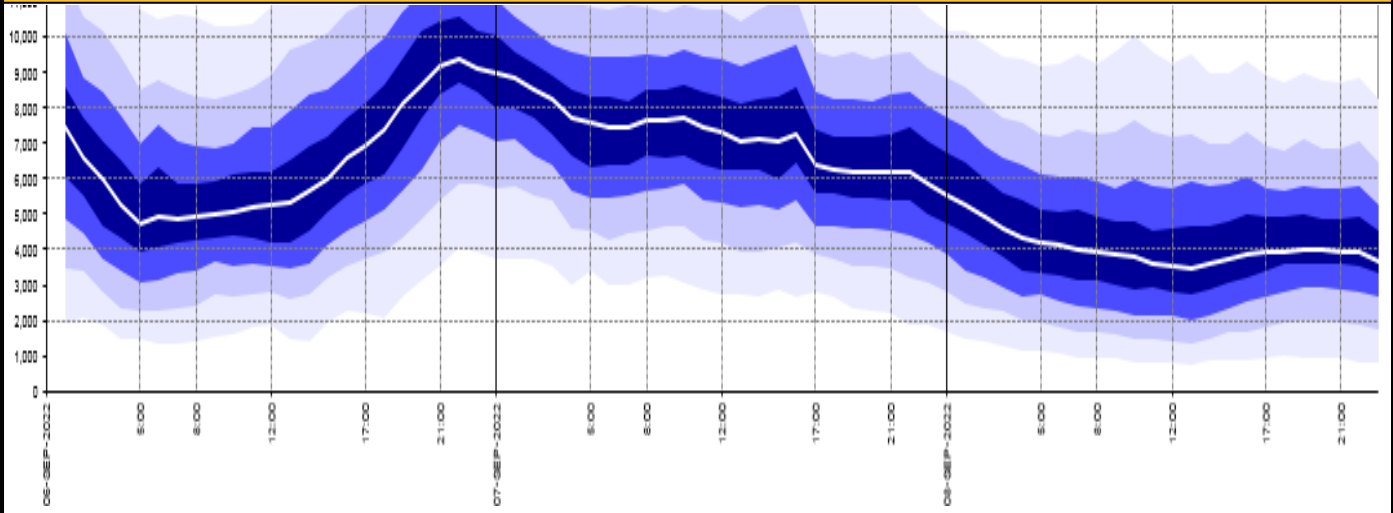
Today's Minimum De-Rated Margin	6972.80 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£493 (SP 33,34)
Cash Out Price (Min)	£152.00 (SP 14,15,16)
Peak Demand Yesterday	34,475 MW
Minimum Demand	18,900 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	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	1400	Fully Available

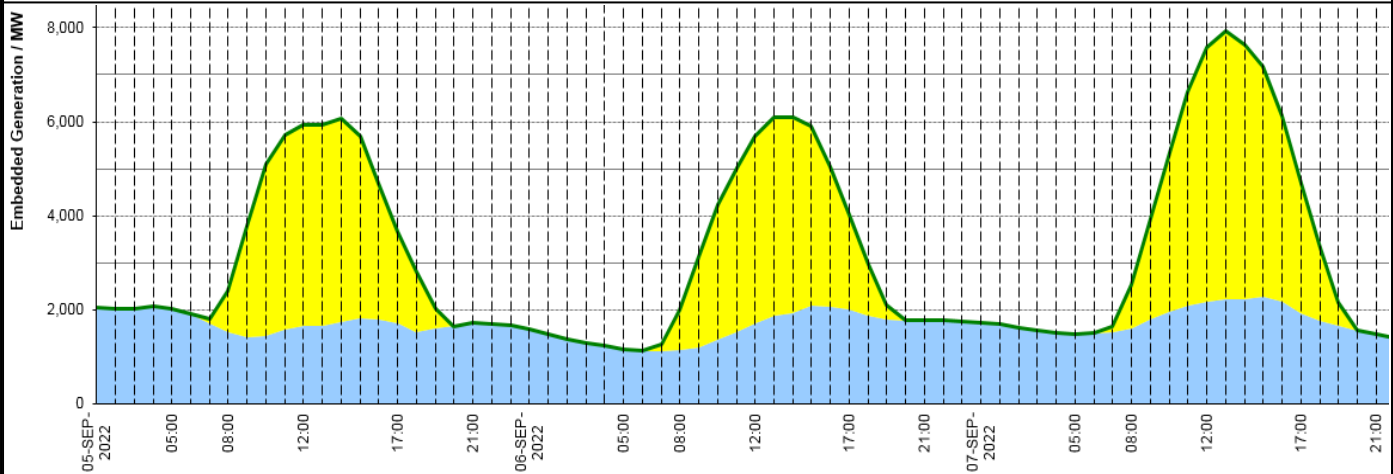
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	05-SEP-2022					06-SEP-2022					07-SEP-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	893	4288	1974	0	0	0	867	3981	1991	0	0	0	925	5414	2782	0
Wind (MW)	2034	1517	1654	1703	1713	1579	1156	1132	1716	2017	1791	1734	1494	1608	2164	1913	1468
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2034	2410	5942	3677	1713	1579	1156	1999	5697	4008	1791	1734	1494	2533	7578	4695	1468



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain, showers and thunderstorms continuing to affect many parts though a dry start for many in the south. Staying windy in the far north. Tonight: Areas of heavy rain and thunderstorms moving northwards across much of the UK. Becoming drier in the south with some clear spells. Windy in the far north
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning Thunderstorm 20:35 Mon 5 UTC+1 06:00 Today Regions and local authorities affected: East of England Cambridgeshire Essex Hertfordshire

Weather	Source	Commentary
		Norfolk Southend-on-Sea Suffolk Thurrock London & South East England Bracknell Forest Brighton and Hove Buckinghamshire East Sussex Greater London Hampshire Isle of Wight Kent Medway Portsmouth Slough Southampton Surrey West Berkshire West Sussex Windsor and Maidenhead Wokingham South West England Wiltshire
		Flood Warnings 5 Flood Alerts in England 1 Flood Alert in Wales

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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