

National Electricity Transmission System Status Report

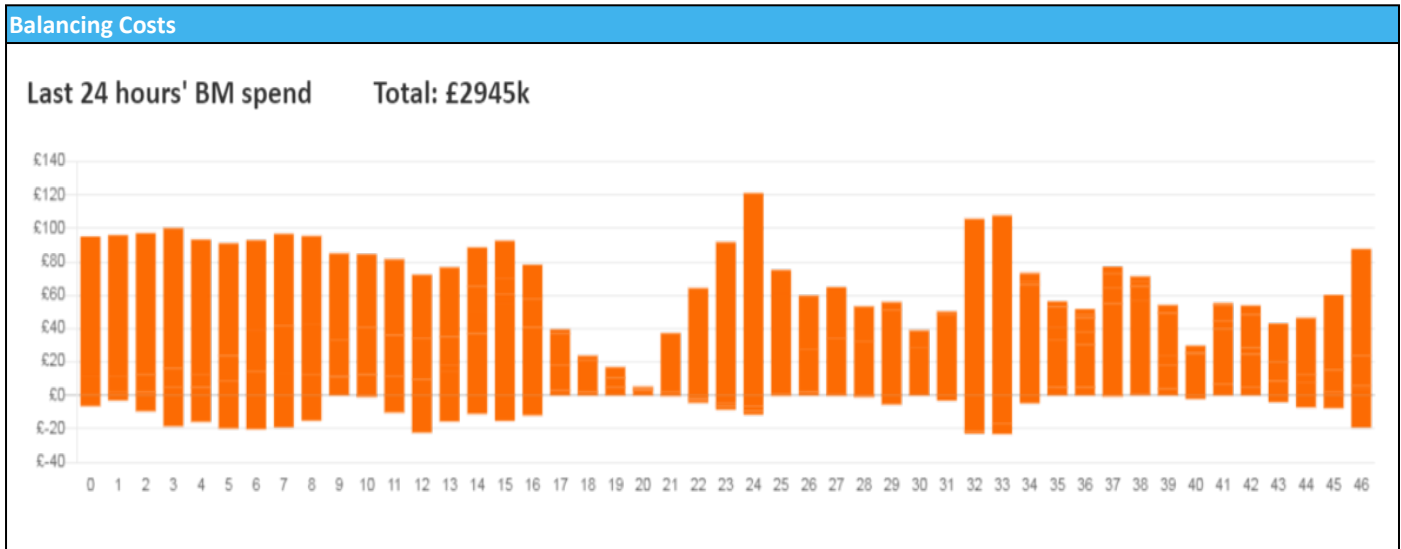


nationalgridESO

National Electricity Transmission System Status Report
Monday 18 September 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	11,900 (SP16)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary

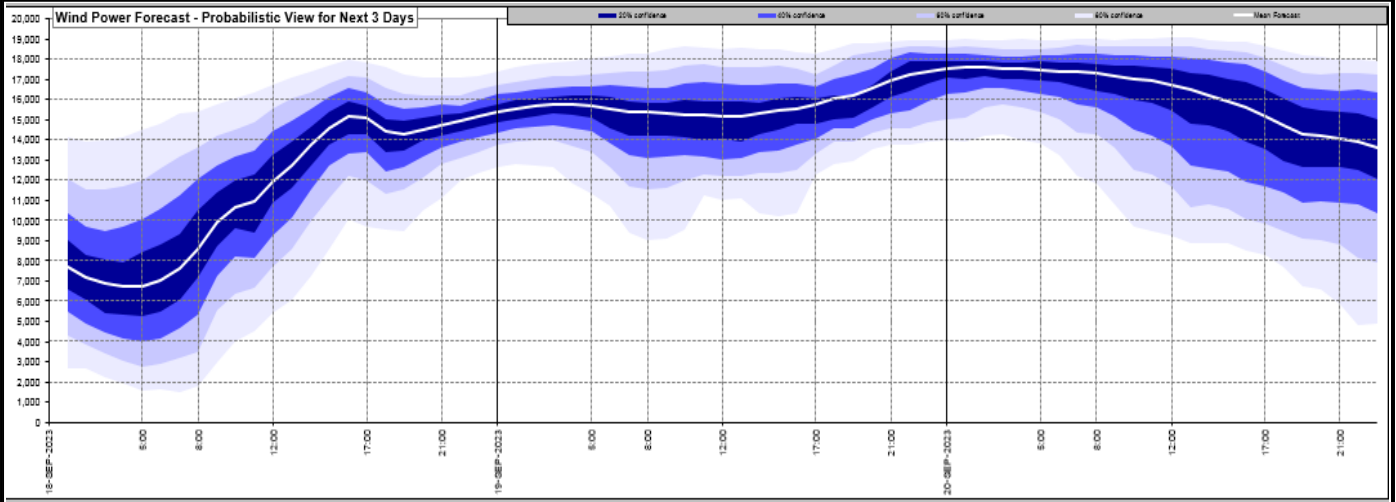
Cash Out Price (Max)	£170.00 (SP 34, 35)
Cash Out Price (Min)	£22.00 (SP 15, 16)
Peak Demand Yesterday	30,700 MW
Minimum Demand	17,910 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Not Available - on outage 06:00 18/09/23 to 22:00 22/09/23
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	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

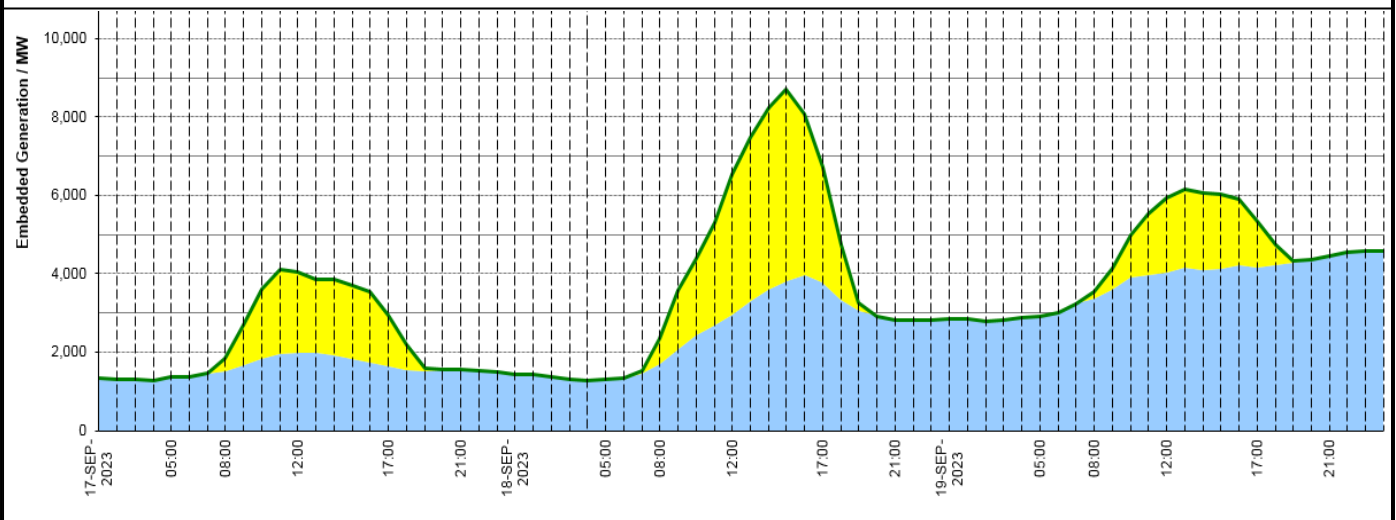
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-SEP-2023					18-SEP-2023					19-SEP-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	330	2084	1312	0	0	0	641	3583	2922	0	0	0	161	1888	1180	0
Wind (MW)	1357	1523	1976	1628	1551	1440	1297	1709	2955	3794	2822	2855	2906	3373	4042	4156	4467
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1357	1853	4060	2940	1551	1440	1297	2350	6538	6716	2822	2855	2906	3534	5930	5336	4467



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Thundery showers in the east clearing as a band of rain, already across the west quickly pushes east during the morning. Turning fresher with showers, heavy at times, following during the afternoon. Increasingly windy. Tonight: Some showers lingering, particularly along western coasts. A band of cloud and heavy rain will move in from the west through the evening. Risk of coastal gales in the west.
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 of thunderstorms Areas affected: East Midlands East of England London & South East England South West England West Midlands Yorkshire & Humber ACTIVE Started at: 13:00 BST on Sun 17 September Ends: 06:00 BST on Mon 18 September A small chance of disruption from severe thunderstorms later on Sunday. Flood Warnings 7 flood warnings and 10 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland.

Weather	Source	Commentary
		0 flood warnings and 0 flood alerts issued for 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