

NESO National Electricity Transmission System Status report

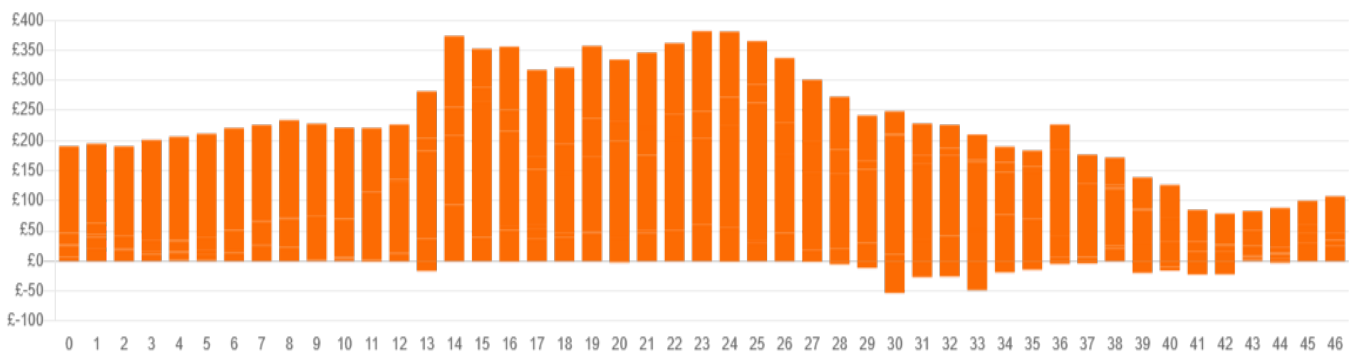
NESO National Electricity Transmission System Status Report
Wednesday 17 September 2025

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	12,274MW (SP 18)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £10812k



Yesterday's Market Summary

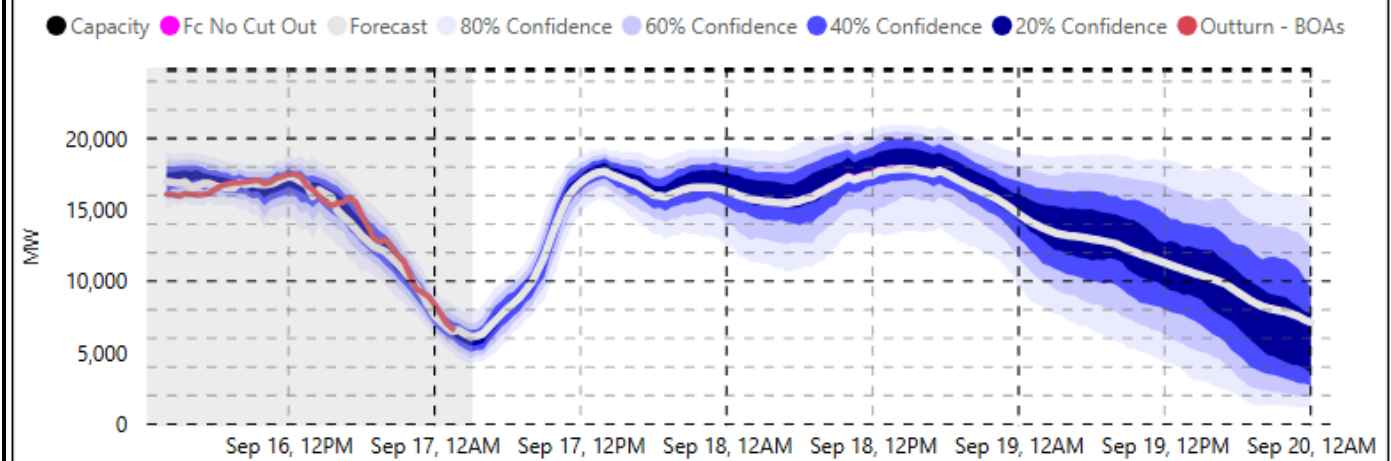
Cash Out Price (Max)	£122 / MWh (SP 39)
Cash Out Price (Min)	£-17.81 / MWh (SP 19)
Peak Demand Yesterday	30,412 MW (SP 41)
Minimum Demand	17,289 MW (SP 10)

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Planned outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	1000	1000	Fully Available
France (IFA)	1000	1000	Planned outage

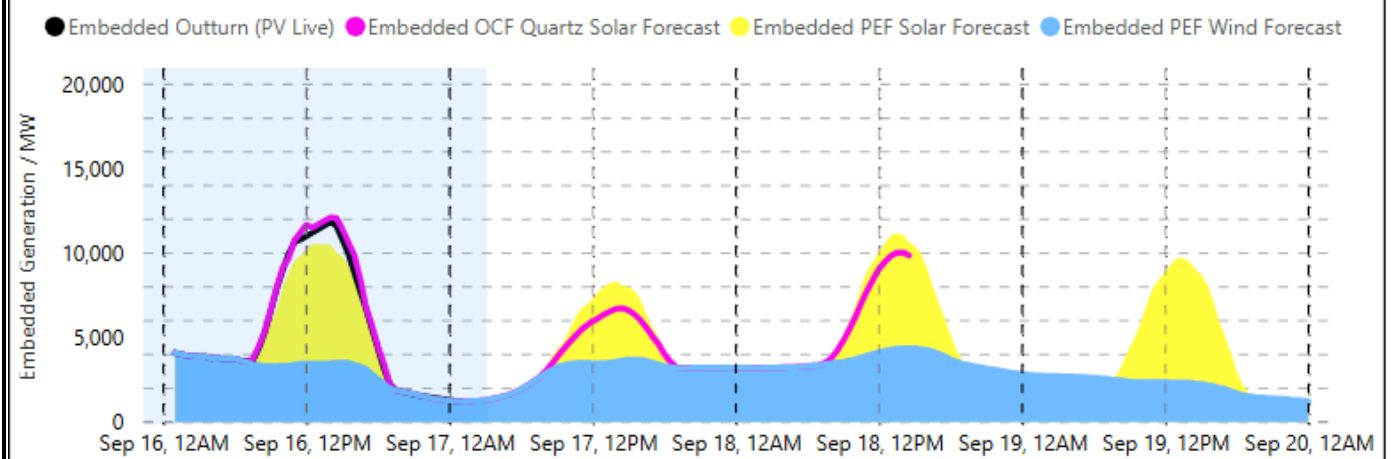
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates															Last run: 17-Sep-2025 02:31:32	
16-SEP-2025					17-SEP-2025					18-SEP-2025						
	05:00	08:00	12:00	17:00	21:00	05:00	08:00	12:00	17:00	21:00	05:00	08:00	12:00	17:00	21:00	
Solar (MW)	0	956	7559	3570	0	0	55	2366	1767	0	0	0	532	5245	2765	0
Wind (MW)	4016	3422	3609	3285	1717	1301	1720	2993	3673	3092	3361	3341	3340	3566	4276	3252
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4016	4378	11168	6855	1717	1301	1720	3054	6839	5459	3361	3341	3340	4098	6521	6925



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Grey and widely wet at first with heavy spells of rain in the west sweeping northeast, lingering across northwest Scotland. Remaining cloudy in the south with further outbreaks of rain, though some brighter breaks developing between. Rather breezy for all. Tonight: Cloudy, murky and rather humid in the south with heavy rain lingering in the west. Drier and feeling fresher further north, though a few scattered blustery showers are still possible.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warning England Flood Warning SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of rain Areas affected: Wales Flood Warnings 1 flood warning and 7 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland.

Weather	Source	Commentary
		0 flood warnings and 11 flood alerts issued for Wales.

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Further Information	
BM Reports	https://www.elexon.co.uk/data/kinnect-insights-solution/
System Balancing Reports	https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs