



NESO National Electricity Transmission System Status report

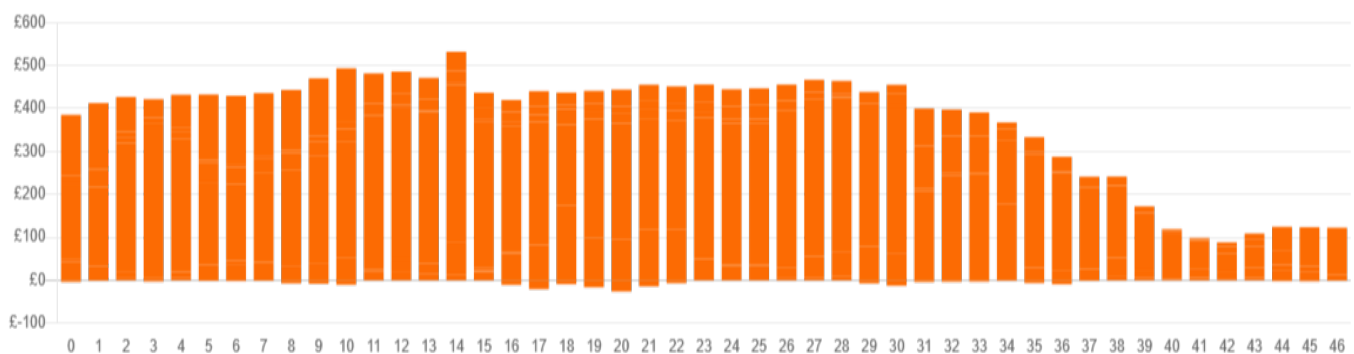
NESO National Electricity Transmission System Status Report
Friday 19 September 2025

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	10,850MW (SP 41)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £17313k



Yesterday's Market Summary

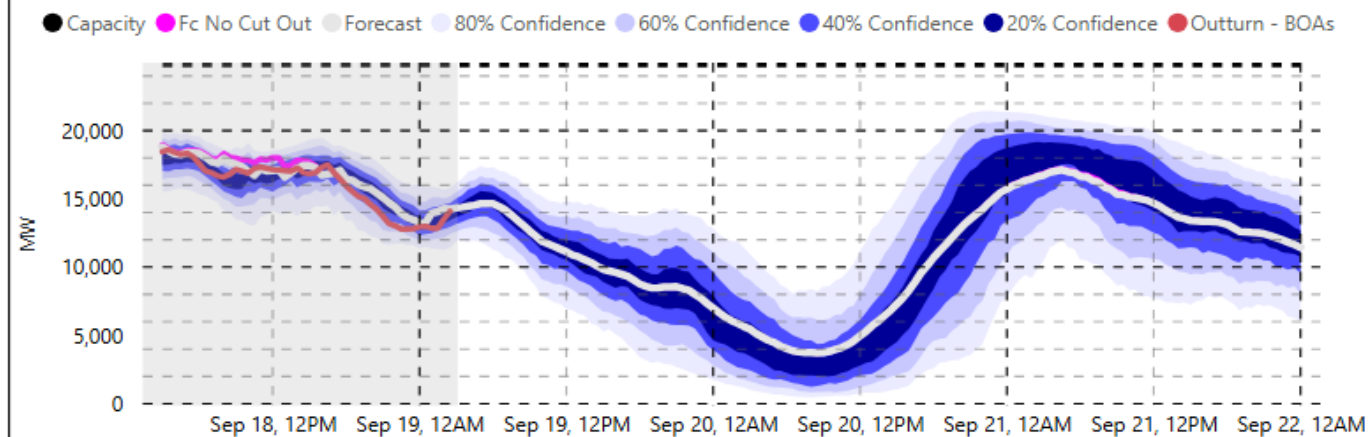
Cash Out Price (Max)	£121.95 / MWh (SP 40)
Cash Out Price (Min)	£-17.35 / MWh (SP 33,34)
Peak Demand Yesterday	30,689 MW (SP 40)
Minimum Demand	18,208 MW (SP 11)

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)

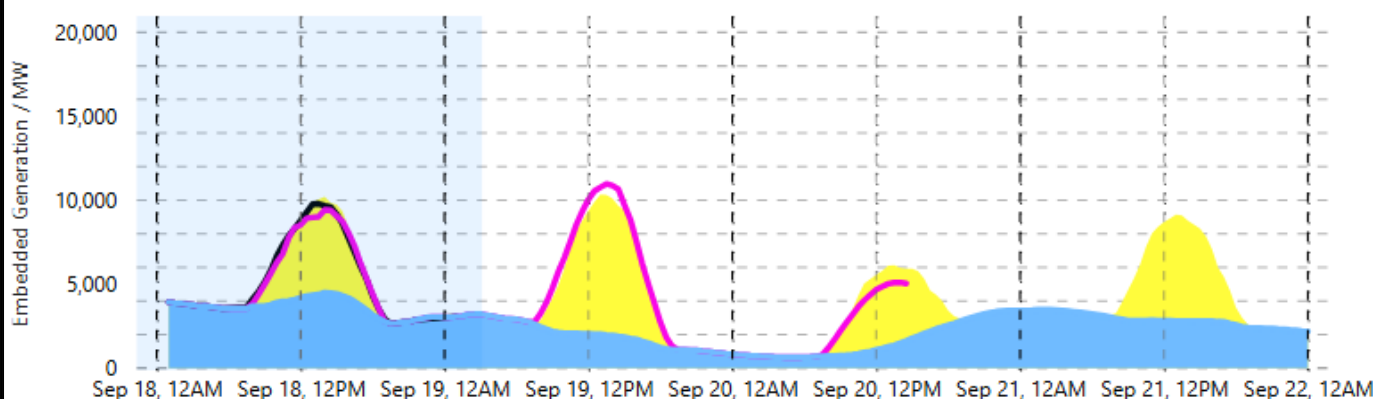
Embedded Generation Forecast

Embedded Generation (non-metered) Estimates

Last run: 19-Sep-2025 02:31:37

	18-SEP-2025					19-SEP-2025					20-SEP-2025				
	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
Solar (MW)	0	419	4548	2333	0	0	0	853	7916	3058	0	0	0	438	3104
Wind (MW)	3665	3614	4271	3818	2896	3153	3047	2474	2171	1601	1076	843	704	860	1365
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3665	4033	8819	6201	2896	3153	3047	3327	9787	5259	1076	843	704	1269	4469

● Embedded Outturn (PV Live) ● Embedded OCF Quartz Solar Forecast ● Embedded PEF Solar Forecast ● Embedded PEF Wind Forecast



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloudy conditions will persist across west Wales, northern England, and southern Scotland, bringing outbreaks of rain, locally heavy. In contrast, much of the south and east will see sunny spells developing, becoming prolonged making it feel very warm. Tonight: Cloud will extend from northern England and west Wales into western England overnight. Elsewhere, it will remain dry with clear spells, although northern Scotland may see a few showers.
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: Central, Tayside and Fife/ Northeast England/ Northwest England/ SW Scotland, Lothian Borders/ Strathclyde/ Wales/ Yorkshire/ Humber and Northern Ireland Flood Warnings 1 flood warning and 14 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.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