

NESO

National Electricity Transmission System Status report

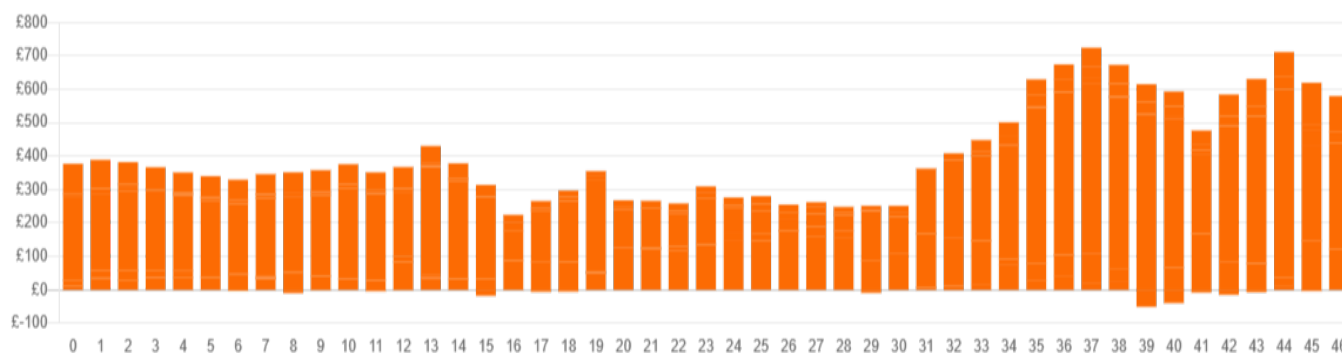
NESO National Electricity Transmission System Status Report
Saturday 05 July 2025

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	14,027 MW (SP 44)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

Balancing Costs

Last 24 hours' BM spend Total: £18915k



Yesterday's Market Summary

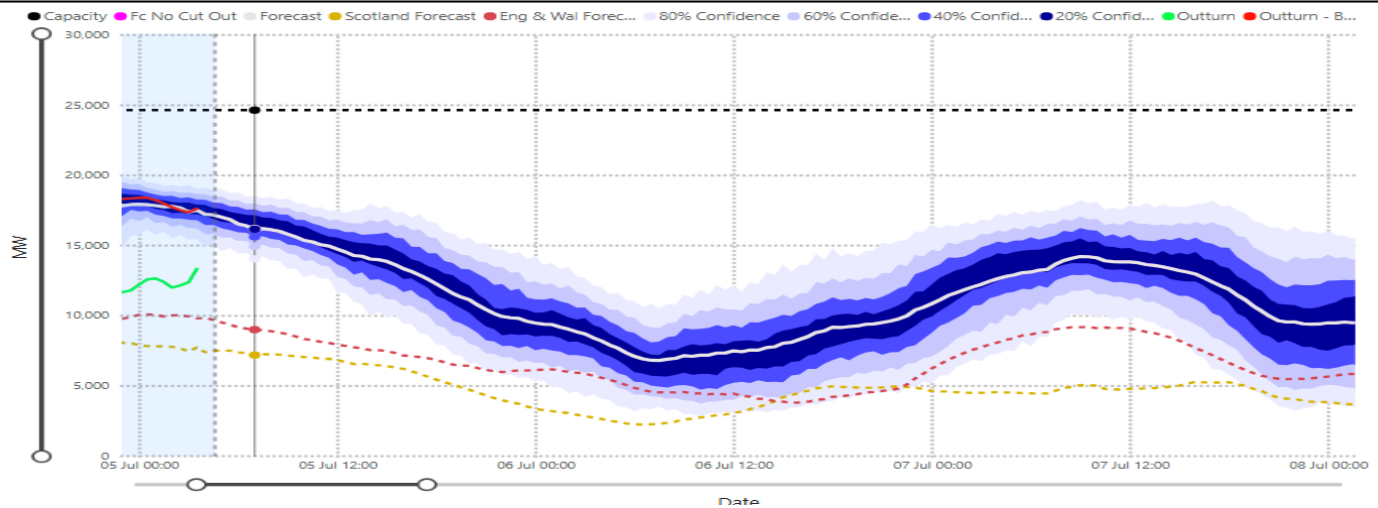
Cash Out Price (Max)	£107.48 MWh (SP 39)
Cash Out Price (Min)	£43.72 MWh (SP 28, 29, 30)
Peak Demand Yesterday	23,721 MW (SP 41)
Minimum Demand	17,129 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	450	450	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)	1500	1500	Partially Unavailable

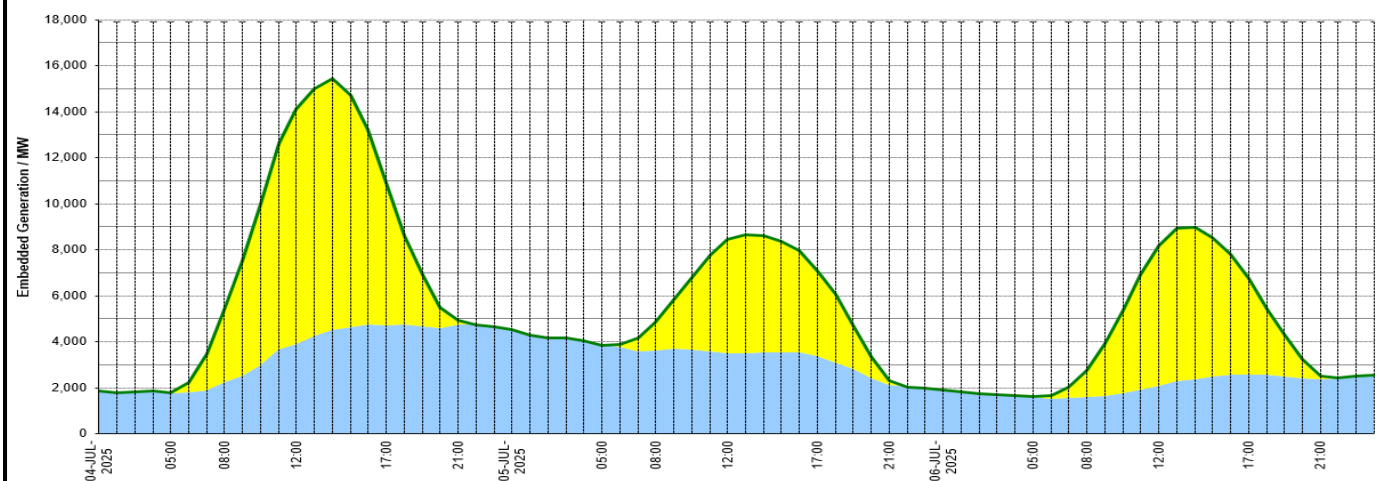
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	04-JUL-2025					05-JUL-2025					06-JUL-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	17:00	21:00
Solar (MW)	0	3123	10174	6198	177	0	0	1222	4957	3696	177	0	0	1183	6089	4198	132
Wind (MW)	1766	2242	3917	4727	4745	4511	3848	3639	3496	3360	2130	1906	1612	1584	2075	2557	2374
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1766	5365	14091	10925	4922	4511	3848	4861	8453	7056	2307	1906	1612	2767	8164	6755	2506



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A widely cloudy start with outbreaks of rain affecting western areas, this sometimes persistent and heavy across the southwest. Elsewhere some patchy drizzle, though drier and brighter in the east, with some sunshine in sheltered spots. Breezy and feeling humid. Tonight: Turning drier in the far southwest, though hill fog developing across the Moors. Widely cloudy elsewhere with further scattered showers spreading into western and northern parts overnight. Feeling rather muggy.
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 rain Areas affected: Central, Tayside & Fife, Highlands & Eilean Siar, Strathclyde Persistent, heavy rain on Friday and Saturday brings difficult travel conditions and possible flooding in places. - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer - Some interruption to power supplies and other services possible

Weather	Source	Commentary
		Flood Warnings 0 flood warning and 1 flood alert issued for England. 0 flood warning and 6 flood alerts issued for Scotland. 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