



NESO **National Electricity** **Transmission** **System** Status report

NESO National Electricity Transmission System Status Report
Wednesday 16 April 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	15,877 MW (SP 47)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £905k



Yesterday's Market Summary

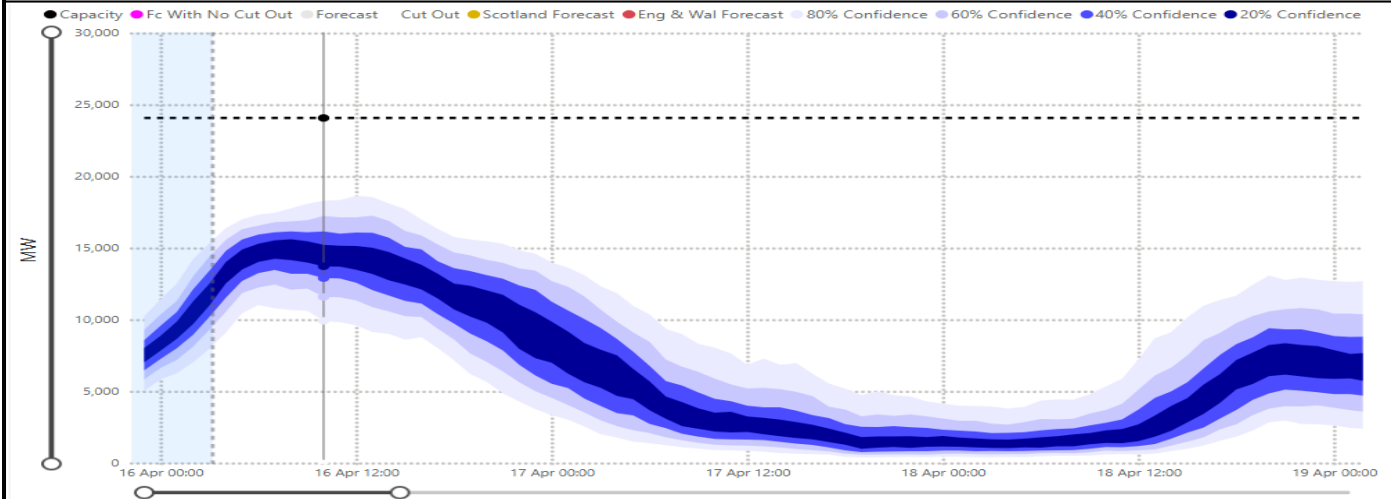
Cash Out Price (Max)	£130.00 / MWh (SP 21, 28, 31)
Cash Out Price (Min)	£50.00 / MWh (SP 10)
Peak Demand Yesterday	32,274 MW (SP 39)
Minimum Demand	21,021 MW (SP 10)

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially Available - Planned Outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	0	0	Planned Outage
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	500	500	Fully Available

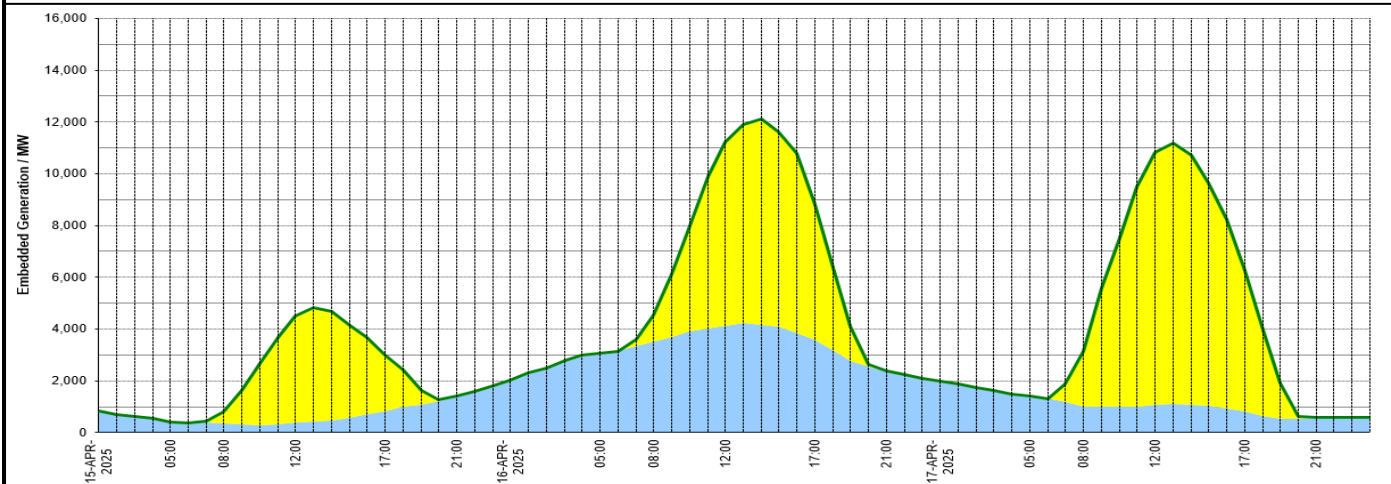
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-APR-2025					16-APR-2025					17-APR-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	472	4129	2167	0	0	0	1029	7064	5237	0	0	0	2129	9766
Wind (MW)	422	347	388	813	1402	2044	3052	3517	4140	3575	2369	1999	1412	1006	1059
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	422	819	4517	2980	1402	2044	3052	4546	11204	8812	2369	1999	1412	3135	10825



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain, heavy at times, moving slowly north today, with the heaviest rain in the west. Brighter conditions following across the south, with a few showers developing. A blustery day for many and feeling chilly under the cloud and rain. Tonight: Rain in the north gradually becoming confined to Scotland and northern England overnight. Otherwise, largely dry with clear spells, allowing it to turn chilly, with a rural frost developing.
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: North West England South West England Wales West Midlands ACTIVE Started at: 12:00 BST on Tue 15 April Ends: 12:00 BST on Wed 16 April Heavy rain may result in some transport disruption and flooding in places on Tuesday and Wednesday. - Spray and flooding on roads probably making journey times longer

Weather	Source	Commentary
		- Bus and train services probably affected with journey times taking longer - Flooding of a few homes and businesses is possible - A chance of some interruption to power supplies and other services
		Flood Warnings 0 flood warning and 13 flood alerts issued for England. 0 flood warning and 0 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