



NESO National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Saturday 19 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	18099 MW (SP 17)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £1422k



Yesterday's Market Summary

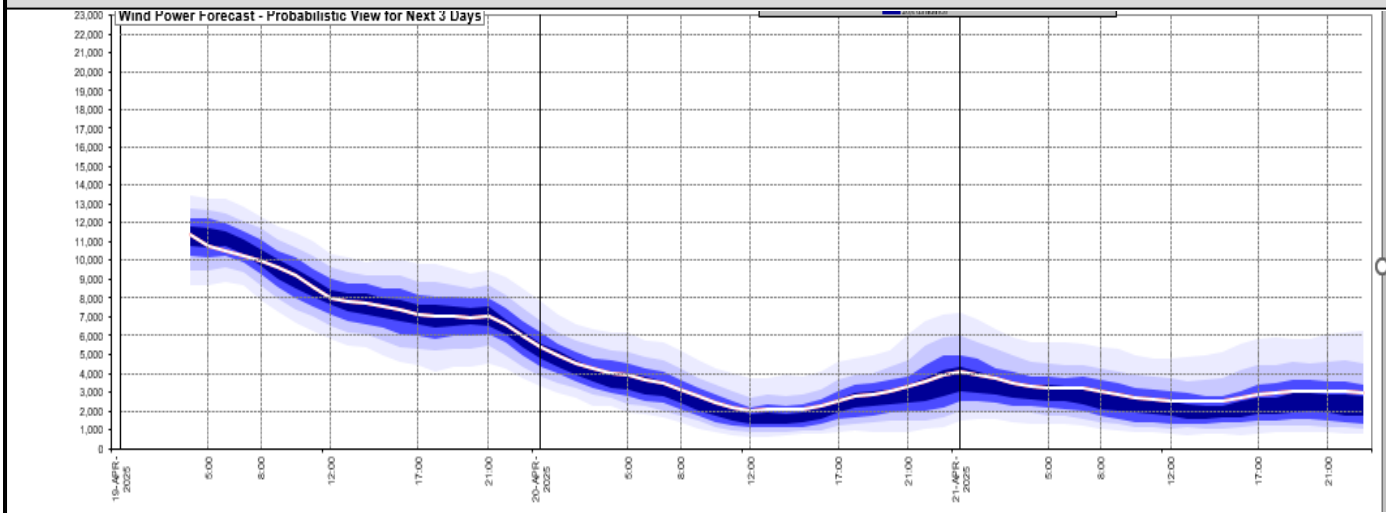
Cash Out Price (Max)	£135.0 / MWh (SP 39)
Cash Out Price (Min)	£48/ MWh (SP 24)
Peak Demand Yesterday	30,704 MW (SP 41)
Minimum Demand	17100 MW

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

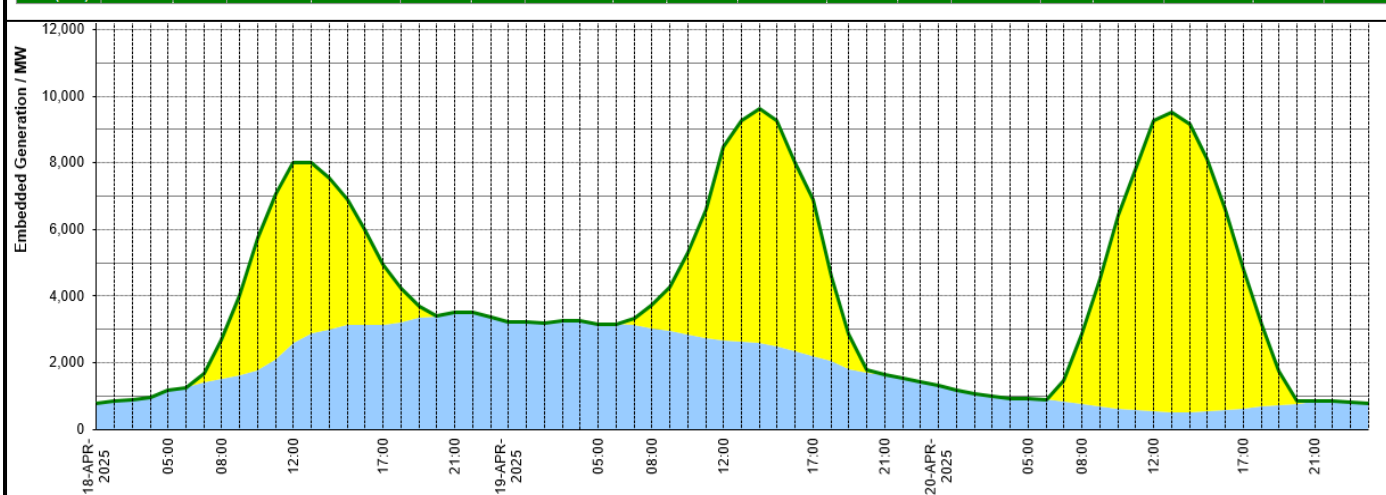
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	18-APR-2025					19-APR-2025					20-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	1171	5421	1810	0	0	0	680	5797	4707	0	0	0	2120	8727
Wind (MW)	1160	1516	2584	3146	3513	3229	3134	3041	2676	2200	1637	1298	906	743	528
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1160	2687	8005	4956	3513	3229	3134	3721	8473	6907	1637	1298	906	2863	9255



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain gradually easing in the west through Saturday, though still rather cloudy. Drier in the east with some bright spells. A little cooler than Friday in the east. Tonight: Windy with spells of rain in the south and west which will turn heavy at times. Mostly dry with variable amounts of cloud elsewhere. Milder than the previous night.
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 Rain 14:00 Fri 18 UTC+1 09:00 Today Regions and local authorities affected: South West England Bournemouth Christchurch and Poole Cornwall

Weather	Source	Commentary
		<p>Devon Dorset Plymouth Somerset Torbay Wales Blaenau Gwent Caerphilly Merthyr Tydfil Monmouthshire Newport Rhondda Cynon Taf Torfaen Headline Spells of rain, some of it heavy, will likely cause difficult driving conditions and some disruption to travel.</p> <p>Flood Warnings 0 flood warning and 16 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.</p>

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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