

NESO
National Electricity
Transmission
System
Status report

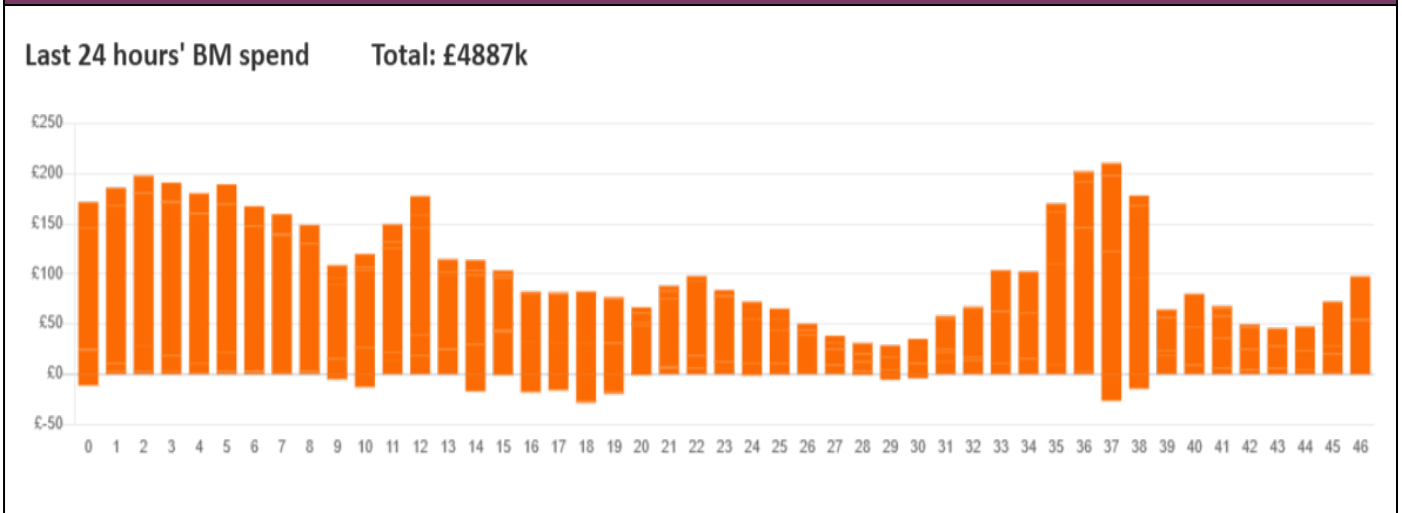


NESO National Electricity Transmission System Status Report
Tuesday 29 April 2025

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	10,992 MW (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1180 MW

Balancing Costs



Yesterday's Market Summary

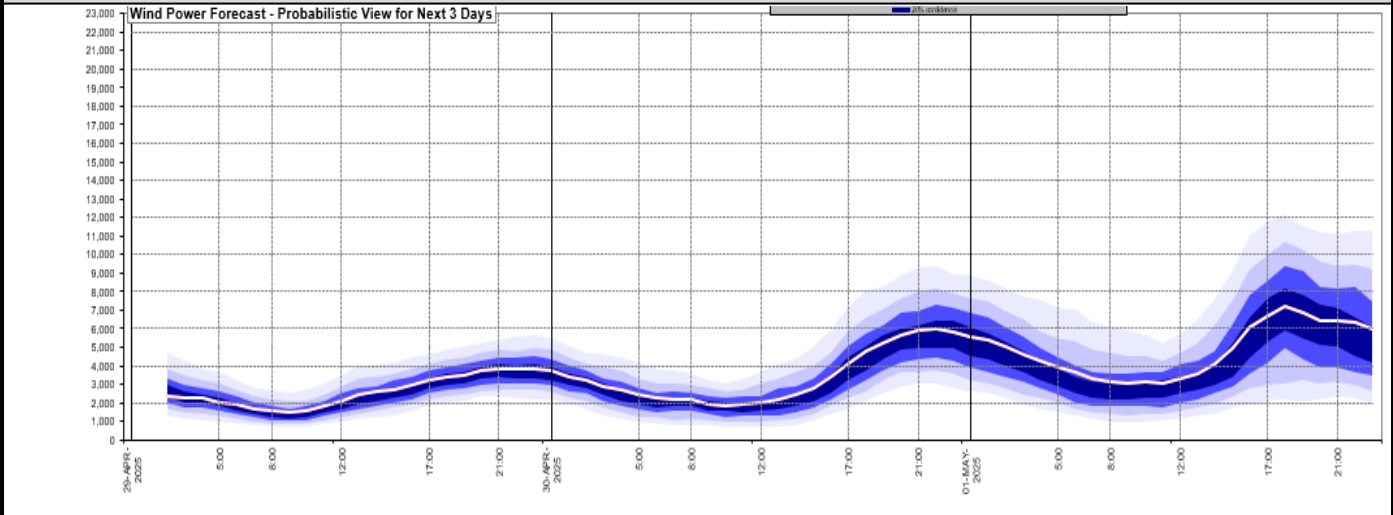
Cash Out Price (Max)	£204.11 / MWh (SP 40)
Cash Out Price (Min)	-£15.74 / MWh (SP 22)
Peak Demand Yesterday	29, 179 MW (SP 41)
Minimum Demand	15,685 MW (SP 28)

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially Available. Planned to full availability at 16h
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)	0	0	Planned outage
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	500	500	Fully Available

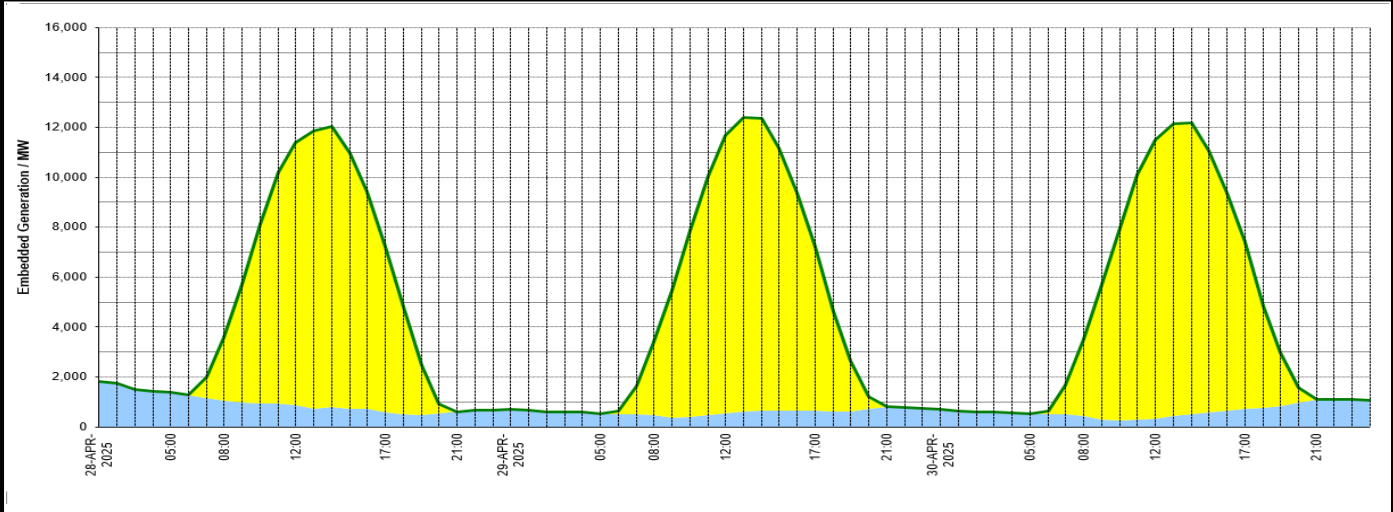
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																Last run: 29-Apr-2025 02:31:40	
	28-APR-2025					29-APR-2025					30-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	17:00	21:00
Solar (MW)	0	2542	10523	6667	0	0	0	2945	11108	6554	0	0	0	3076	11165	6682	0
Wind (MW)	1373	1038	854	566	600	689	520	462	556	650	796	701	529	422	339	724	1087
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1373	3580	11377	7233	600	689	520	3407	11664	7204	796	701	529	3498	11504	7406	1087



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Early mist and fog patches clearing to leave a sunny day for much of the UK. Some showery rain developing at times across northern Scotland and the Northern Isles. Feeling warm for many, with light winds. Tonight: After a fine evening, it will stay dry overnight with clear skies. A few fog patches forming towards dawn. A warmer night, though a little chilly in the countryside.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK. Flood Warnings 1 flood warning and 13 flood alerts issued for England. 0 flood warning and 0 flood alerts issued for Scotland. 0 flood warnings and 1 flood alerts issued for Wales.

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