

NESO

National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Saturday 19 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	8027 MW (SP 47)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

Balancing Costs

Last 24 hours' BM spend Total: £2117k



Yesterday's Market Summary

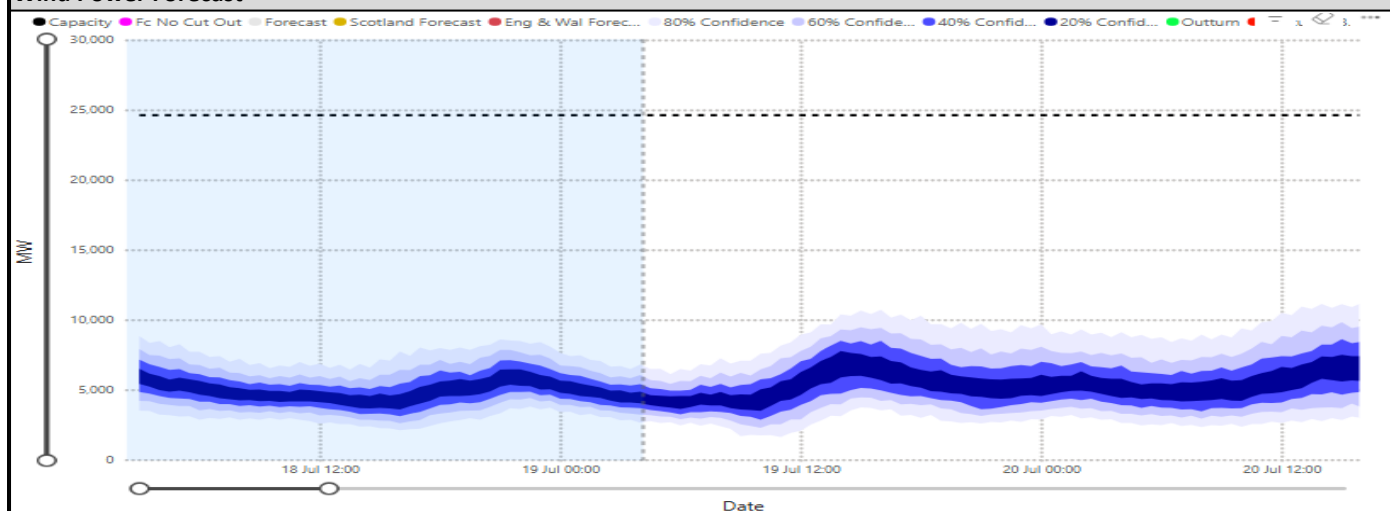
Cash Out Price (Max)	£124 /MWh (SP 34)
Cash Out Price (Min)	£49.26 /MWh (SP 21-22)
Peak Demand Yesterday	27,974 MW
Minimum Demand	20,001 MW

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)	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)	2000	2000	Fully Available

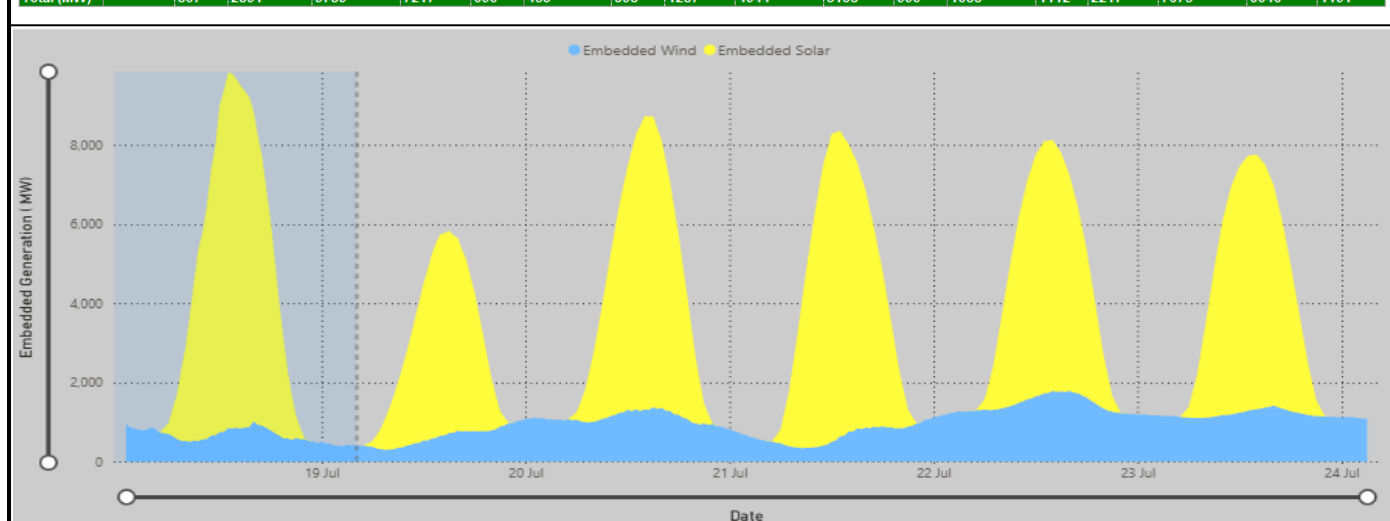
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 19-Jul-2025 02:31:59	
18-JUL-2025						19-JUL-2025						20-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	2388	9061	6298	140	0	0	945	4399	4360	99	0	0	1149	6320	5278	188	
Wind (MW)	807	503	728	919	550	453	398	342	545	778	891	1088	1112	1068	1355	1368	1003	
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (MW)	807	2891	9789	7217	690	453	398	1287	4944	5138	990	1088	1112	2217	7675	6646	1191	



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Heavy, thundery rain moves north this morning, reaching Scotland by the afternoon. Torrential downpours may cause difficult conditions in places. Scattered showers follow across England and Wales, with thicker cloud and rain in the southwest later. Fresher, but still humid. Tonight: Rain, heavy in places across the southwest will spread slowly east overnight, reaching much of Wales and southern England by dawn. Rain, thundery at times will continue across northern areas.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources	UK Weather Warnings Amber - Thunderstorm Saturday 19 July East of England, London & South East England Yellow - Thunderstorm

Weather	Source	Commentary
	Wales	<p>Saturday 19 July East Midlands, East of England, London & South East England, North East England, North West England, South West England, West Midlands, Yorkshire & Humber</p> <p>Yellow - Rain Saturday 19 July Central, Tayside & Fife, Grampian, Highlands & Eilean Siar, North East England, North West England, SW Scotland, Lothian Borders, Strathclyde</p> <p>Flood Warnings 0 flood warning and 30 floods alert issued for England.</p> <p>0 flood warning and 10 flood alerts issued for Scotland.</p> <p>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