

National Electricity Transmission System Status Report

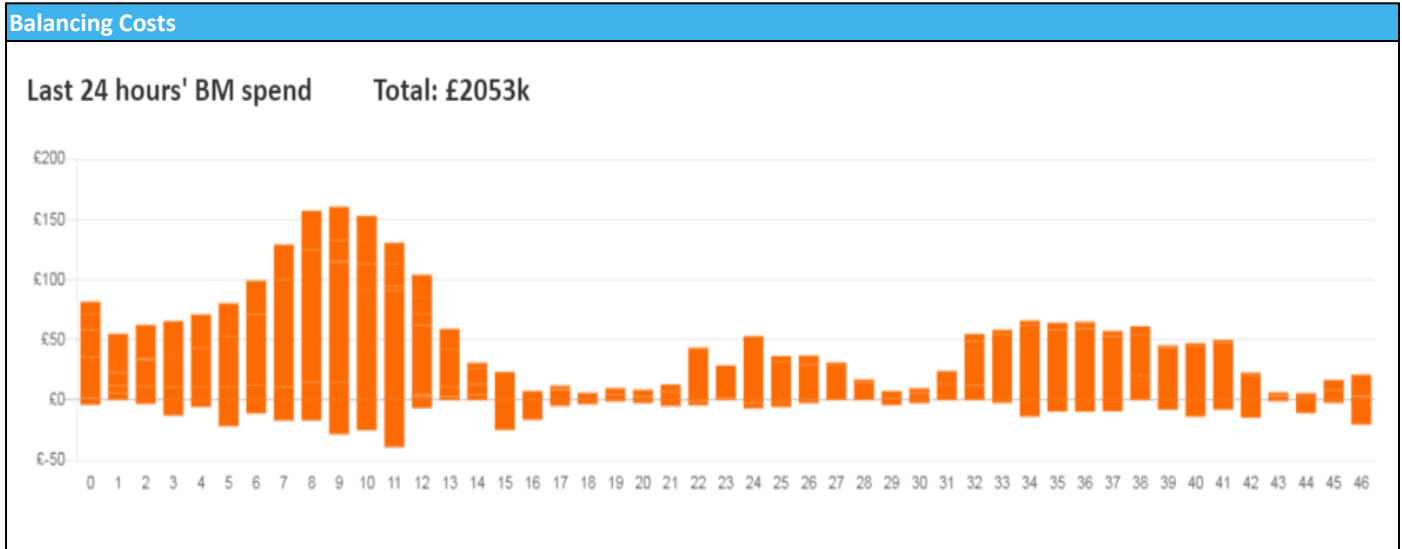


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 12 September 2023

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	7081 (SP 19)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



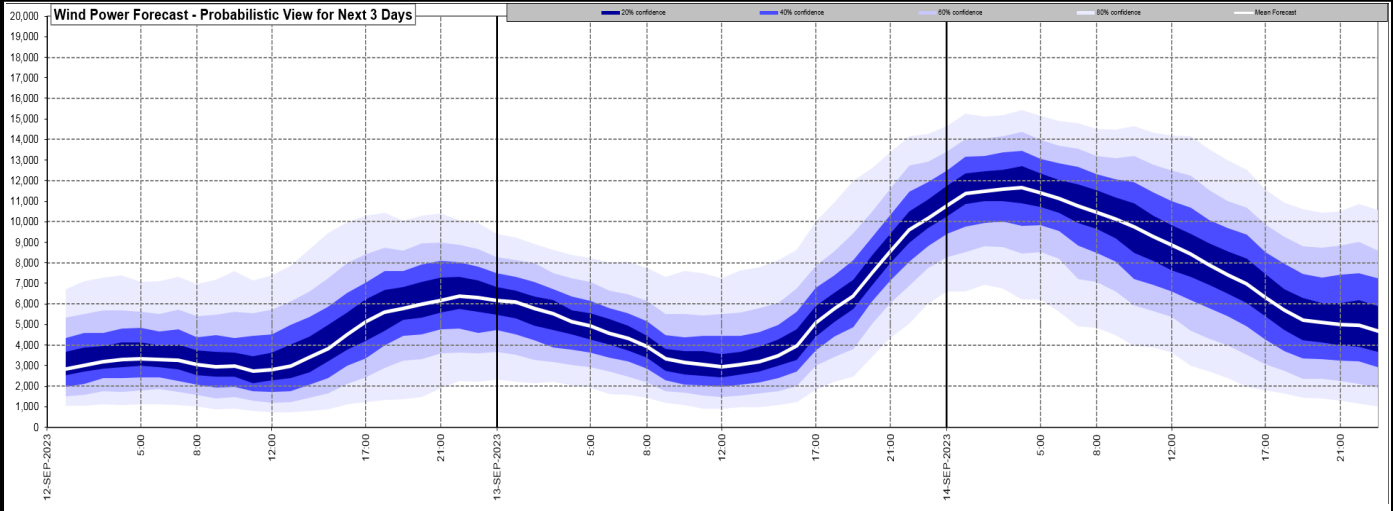
Yesterday's Market Summary

Cash Out Price (Max)	£174 (SP 40)
Cash Out Price (Min)	£55 (SP 11)
Peak Demand Yesterday	34,097 MW
Minimum Demand	18,204 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	0	0	Planned outage
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

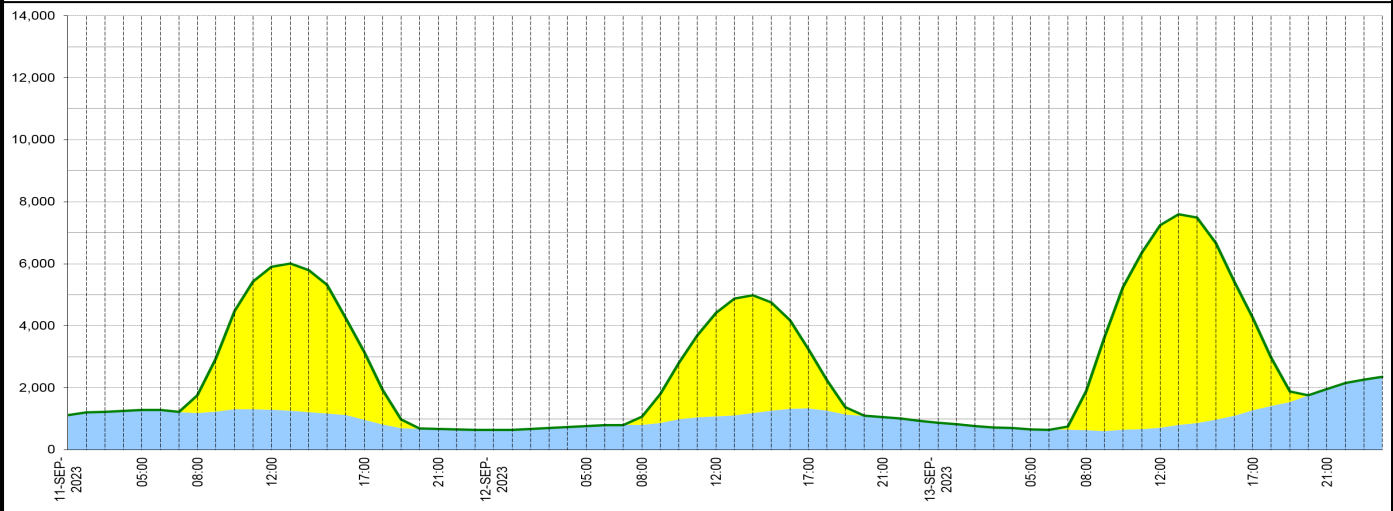
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-SEP-2023					12-SEP-2023					13-SEP-2023						
	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	580	4607	2186	0	0	0	273	3333	1911	0	0	0	1273	6542	2981	0
Wind (MW)	1283	1180	1289	969	669	636	760	801	1080	1331	1056	878	654	626	709	1283	1959
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1283	1760	5896	3155	669	636	760	1074	4413	3242	1056	878	654	1899	7251	4264	1959



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of rain, which will be heavy at times, will continue to push southeast across England. Elsewhere mostly dry with sunny spells. Feeling cooler, away from the very far southeast, where still warm and humid with thunderstorms possible.</p> <p>Tonight: Rain clearing to the southeast leaving a largely dry and clear night. Under clear skies turning chilly with a rural grass frost possible. Cloudier and milder in the far south.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warning of rain Areas affected: East Midlands North West England Wales West Midlands Yorkshire & Humber ACTIVE Started at: 01:00 BST on Tue 12 September Ends: 13:00 BST on Tue 12 September Heavy rain perhaps causing some flooding and disruption in places. - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer - Flooding of a few homes and businesses is possible Issued at: 22:26 BST on Mon 11 September</p> <p>Flood Warnings 1 flood warnings and 0 flood alerts issued for England.</p>

Weather	Source	Commentary
		<p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 flood alerts issued for Wales.</p>

Contains public sector information licensed under the Open Government Licence v1.0

Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights