

National Electricity Transmission System Status Report

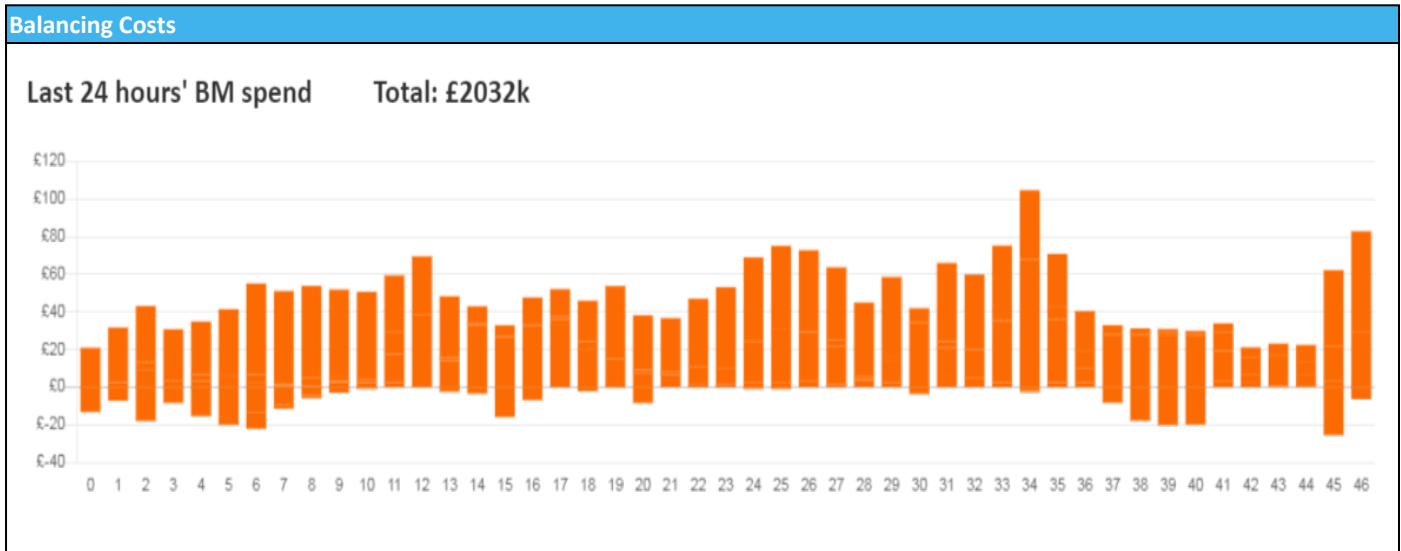


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National Electricity Transmission System Status Report
Sunday 17 September 2023

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			

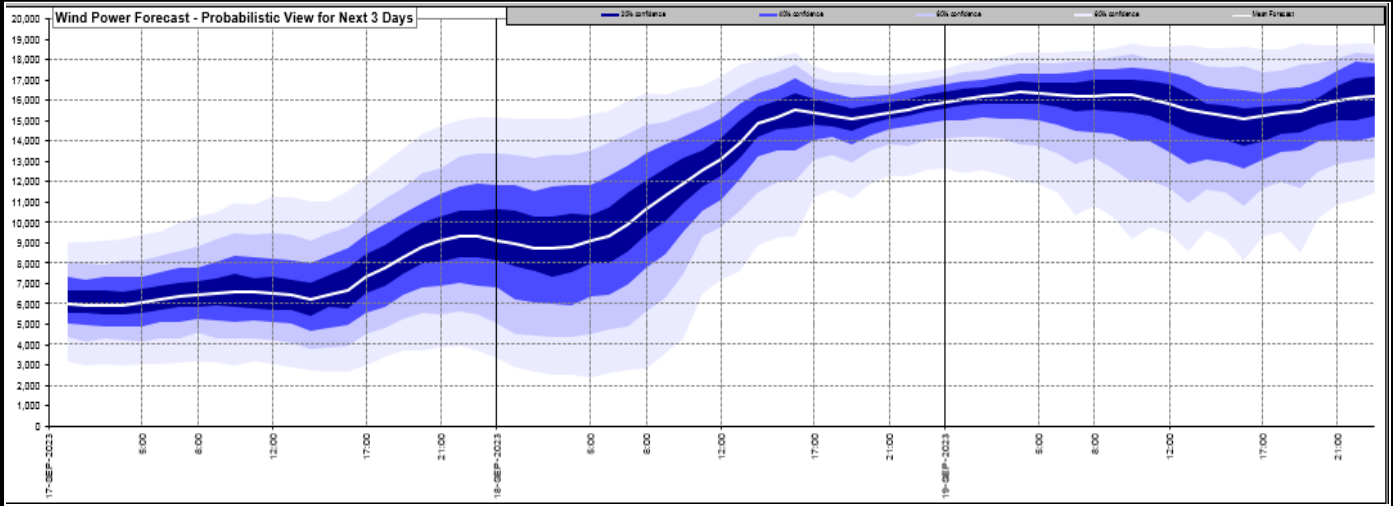
Today's Minimum De-Rated Margin	11,680 (SP40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£135.00 (SP 36)
Cash Out Price (Min)	£30.00 (SP 4)
Peak Demand Yesterday	30,530 MW
Minimum Demand	16,520 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
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

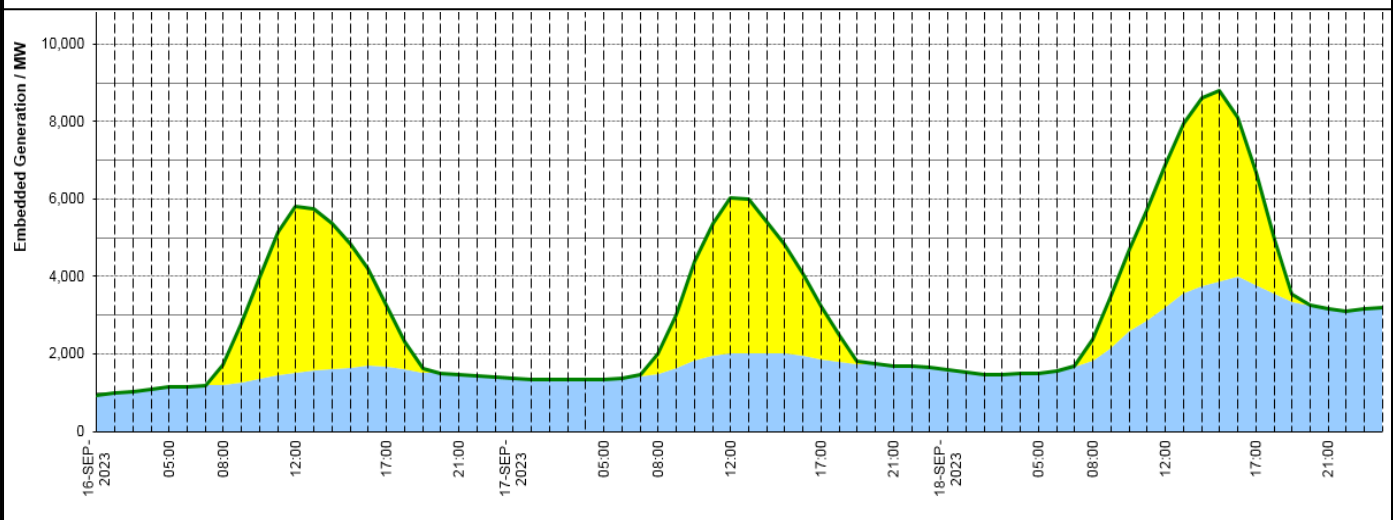
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-SEP-2023					17-SEP-2023					18-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	522	4292	1565	0	0	0	502	4017	1371	0	0	0	546	3684	2922	0
Wind (MW)	1148	1198	1522	1683	1473	1366	1347	1494	2006	1873	1693	1590	1511	1834	3204	3767	3179
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1148	1720	5814	3248	1473	1366	1347	1996	6023	3244	1693	1590	1511	2380	6888	6689	3179



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Feeling warm and humid in the south on Sunday with heavy, thundery showers spreading north across much of the country. Drier in the east at first, albeit a little cloudier than recent days.</p> <p>Tonight: Cloudy with showers and isolated thunderstorms in the west becoming more persistent overnight. Drier further east, though a few showers still possible. Further thunderstorms possible in the southeast later.</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 thunderstorms Areas affected: South West England Wales West Midlands ACTIVE Started at: 02:59 BST on Sun 17 September Ends: 18:00 BST on Sun 17 September Heavy showers and thunderstorms may lead to some localised flooding and disruption to travel.</p> <p>Flood Warnings 0 flood warnings and 1 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>

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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