

National Electricity Transmission System Status Report

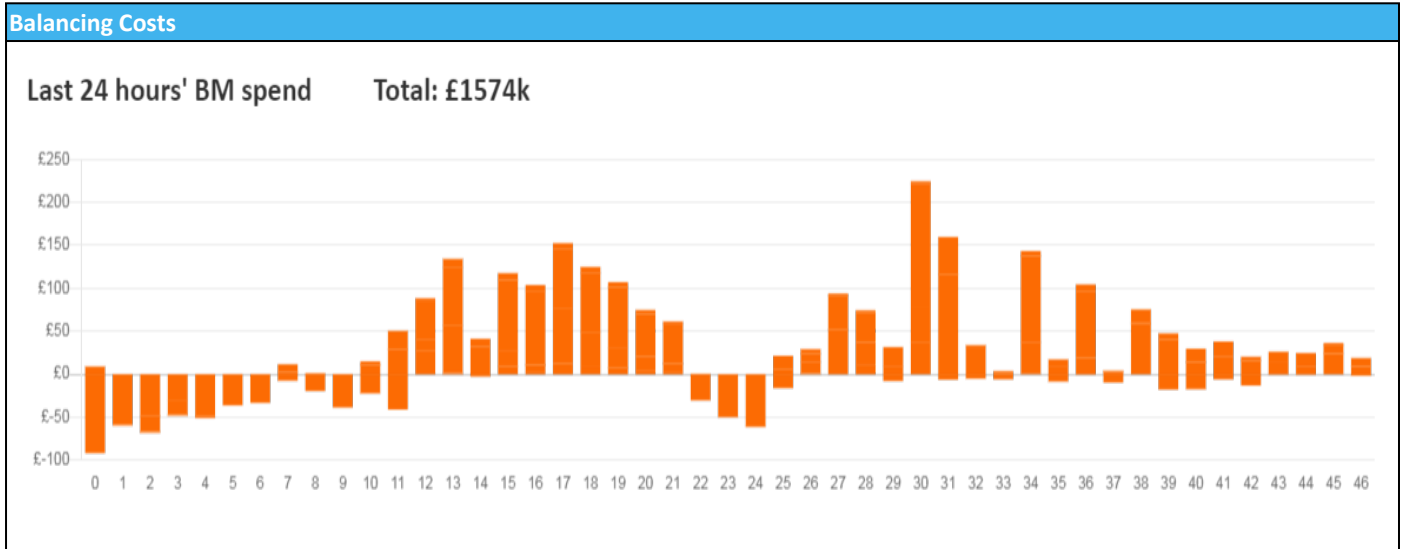


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 21 September 2022

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			

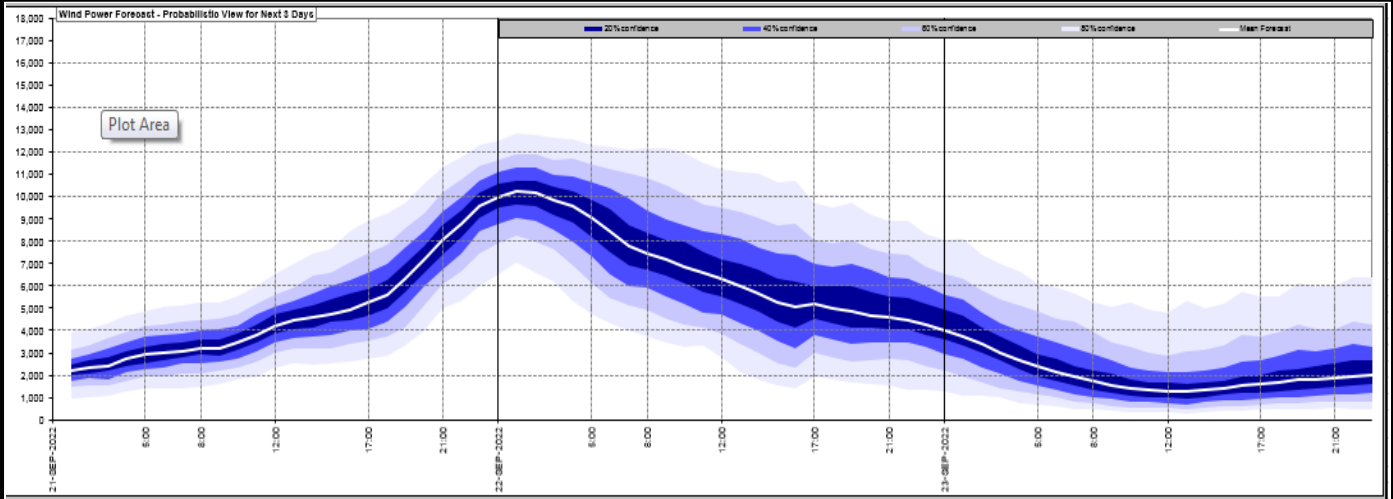
Today's Minimum De-Rated Margin	5,645 (SP 36)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	1250 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£527.13 (SP 38)
Cash Out Price (Min)	£81.00 (SP 5)
Peak Demand Yesterday	32,332 MW
Minimum Demand	18,560 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	On Outage 05:00 19/09/22 to 22:00 23/09/22
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	0	0	On Outage 06:00 20/09/22 to 22:00 24/09/22
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	0	0	On Outage 06:00 19/09/22 to 14/10/22
Northern Ireland (MOYLE)	244	250	Partially Available
Norway (NSL)	1400	1400	Fully Available

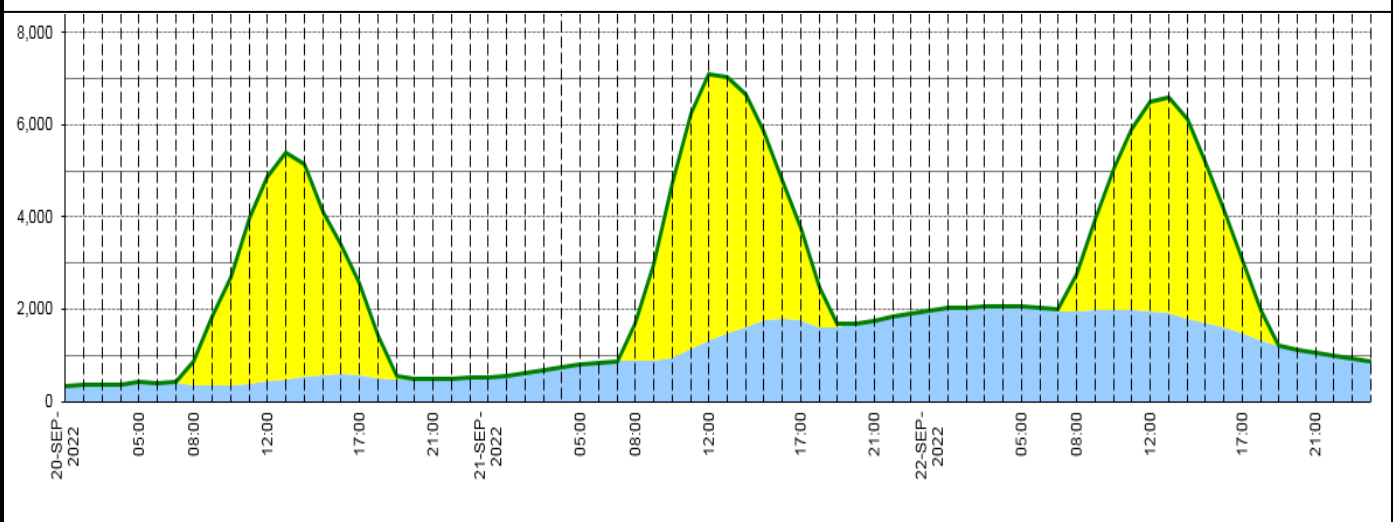
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-SEP-2022					21-SEP-2022					22-SEP-2022						
	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	509	4446	1999	0	0	0	777	5759	1995	0	0	0	803	4547	1581	0
Wind (MW)	412	362	429	577	496	531	807	896	1326	1759	1758	1979	2058	1945	1961	1485	1046
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	412	871	4875	2576	496	531	807	1673	7085	3754	1758	1979	2058	2748	6508	3066	1046



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloudy and breezy with occasional rain in the northwest and far north. Most other parts dry with variable cloud and bright or sunny spells, after early mist or fog patches clear. Becoming warm in the sunshine. Tonight: Clear spells allowing some fog patches in the south. Cloudier and breezier further north with rain, some heavy, in northwest moving southeast across much of Scotland and Northern Ireland.
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 No flood warnings are currently in force for England. No flood warnings are currently in force for Scotland. No flood warnings are currently in force for Wales.

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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