

National Electricity Transmission System Status Report

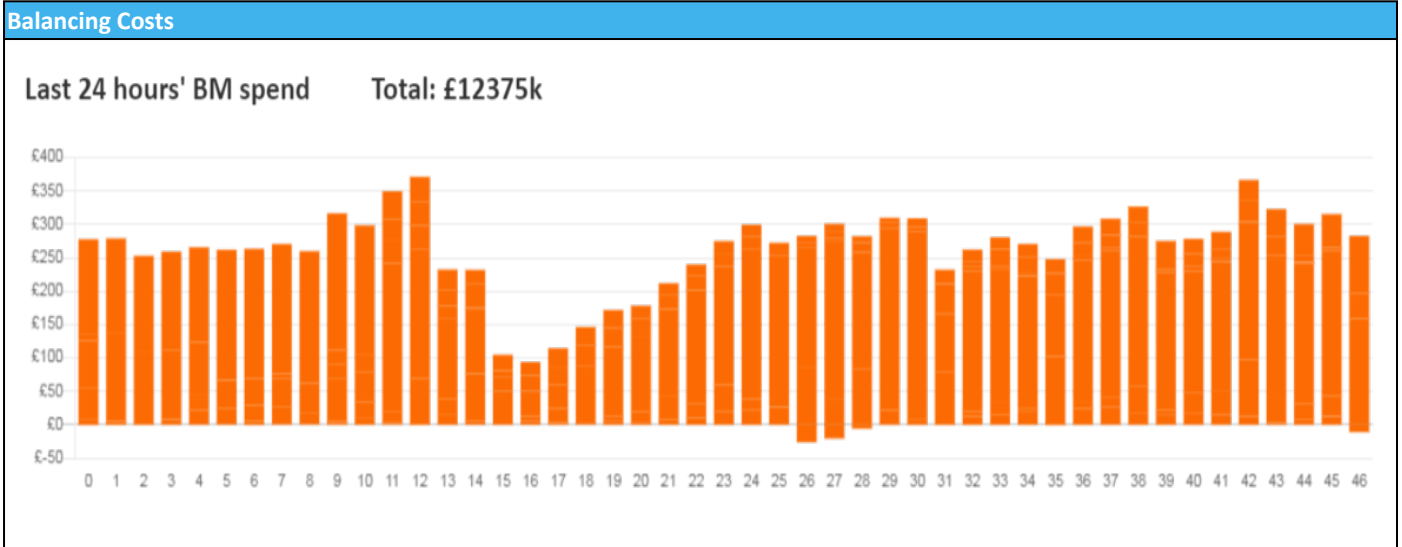


nationalgridESO

National Electricity Transmission System Status Report
Thursday 21 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	6,150.49 (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW



Yesterday's Market Summary

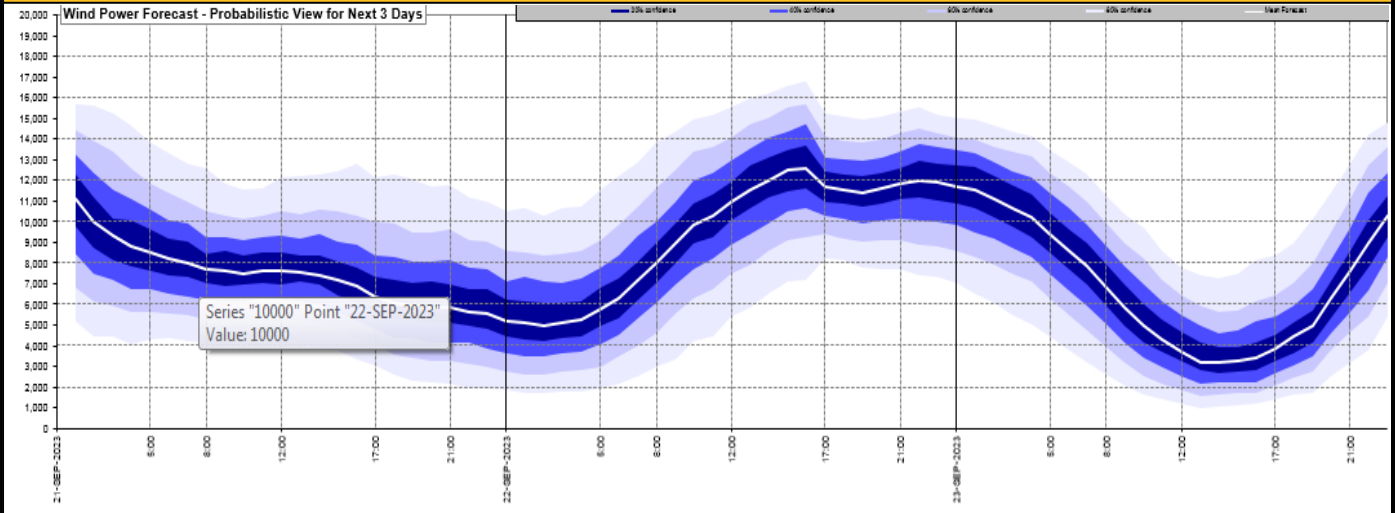
Cash Out Price (Max)	£139.00 (SP 14)
Cash Out Price (Min)	−£75.00 (SP 11)
Peak Demand Yesterday	32,316 MW
Minimum Demand	16,788 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Not Available - on outage 06:00 18/09/23 to 22:00 22/09/23
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

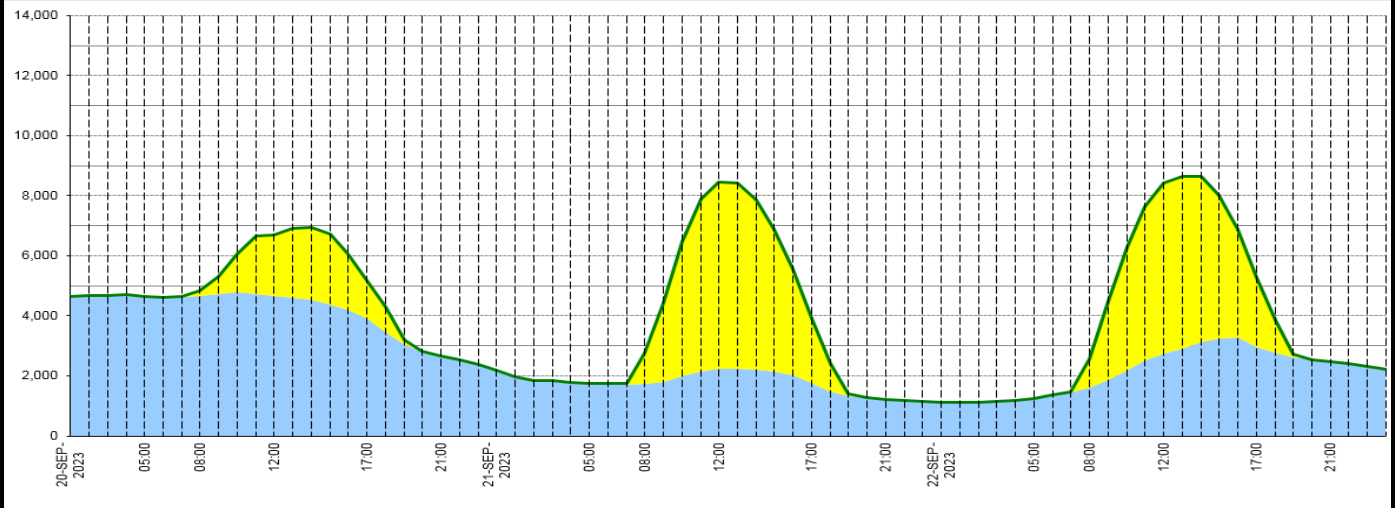
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-SEP-2023					21-SEP-2023					22-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	163	2050	1282	0	0	0	1035	6222	2136	0	0	0	964	5680	2335	0
Wind (MW)	4636	4669	4652	3901	2671	2192	1757	1725	2225	1773	1205	1133	1249	1615	2751	2954	2482
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4636	4832	6702	5183	2671	2192	1757	2760	8447	3909	1205	1133	1249	2579	8431	5289	2482



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Mostly fine at first in the east, but showers elsewhere breaking out more widely during the day, some heavy and thundery. Showers more frequent in the north, merging into longer spells of rain at times. Staying windy in the north.</p> <p>Tonight: Showers easing across much of England with clear spells developing here. However showers persisting in the far west and the southeast for much of the night. Windy in the northwest.</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 No weather warnings are in force for the UK</p> <p>Flood Warnings 3 flood warnings and 22 flood alerts issued for England. 2 flood warnings and 4 flood alerts issued for Scotland. 1 flood warnings and 24 flood alerts issued for Wales.</p>

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