

**National Electricity
Transmission System Status Report**

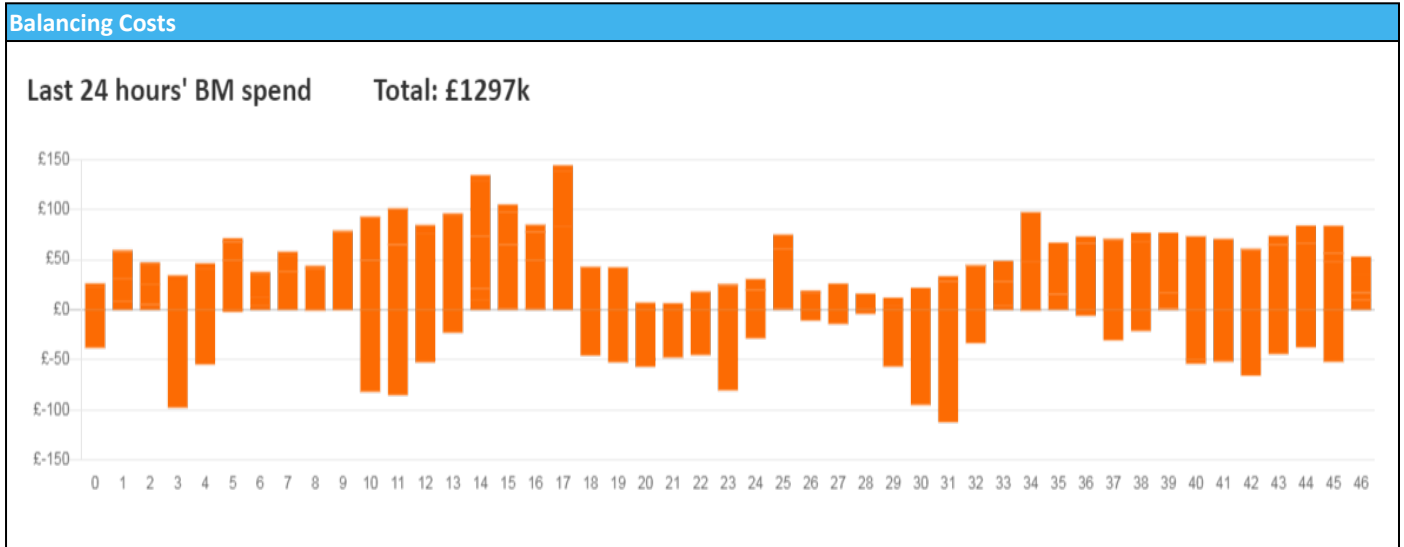


national**grid**ESO

National Electricity Transmission System Status Report
Friday 16 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			

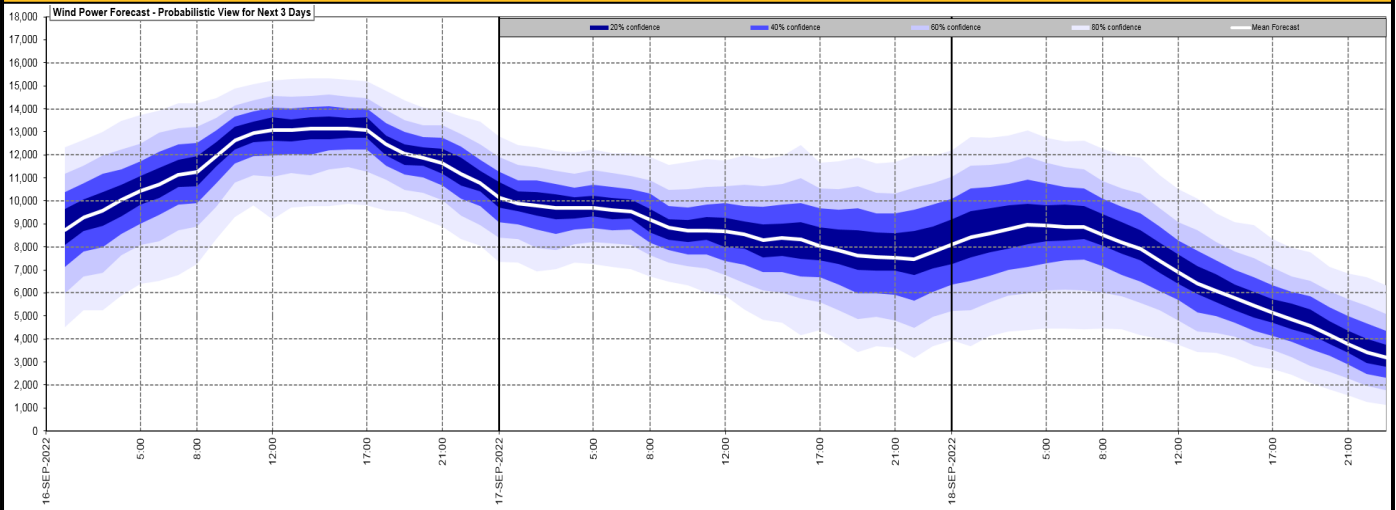
Today's Minimum De-Rated Margin	13450 (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£450 (SP 17-19 & 41)
Cash Out Price (Min)	£195 (SP 45 & 47)
Peak Demand Yesterday	35,925 MW
Minimum Demand	18,570 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	244	250	Partially Available
Norway (NSL)	1400	1400	Fully Available

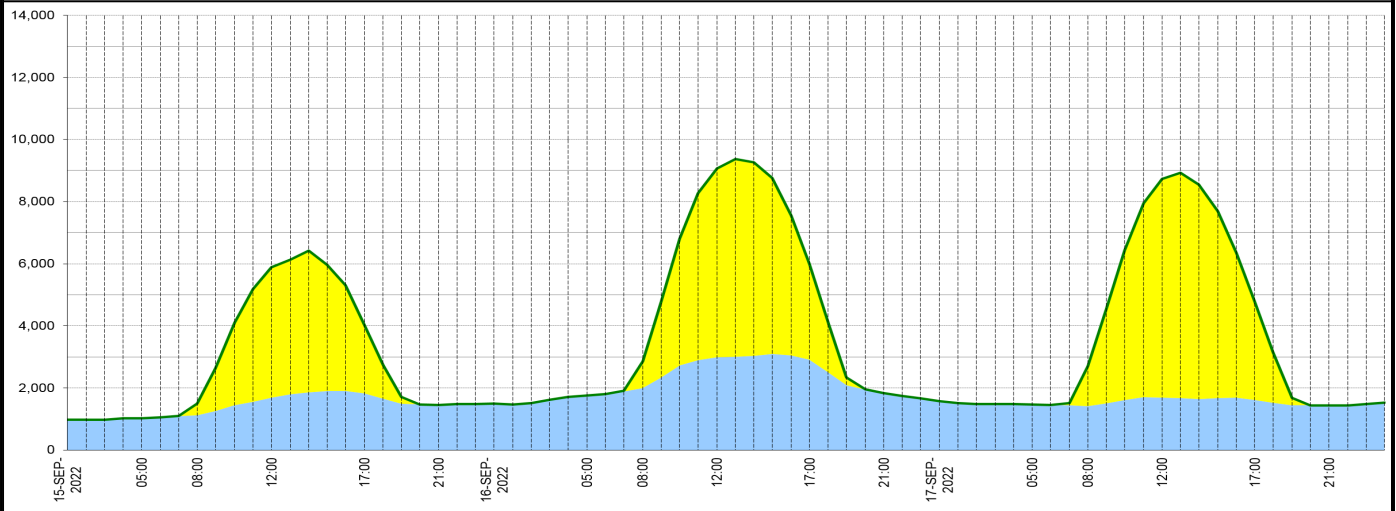
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-SEP-2022					16-SEP-2022					17-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	366	4188	2206	0	0	0	869	6068	3064	0	0	0	1279	7043	3183	0
Wind (MW)	1024	1130	1696	1819	1454	1490	1750	1992	2991	2908	1834	1578	1471	1420	1692	1606	1436
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1024	1496	5884	4025	1454	1490	1750	2861	9059	5972	1834	1578	1471	2699	8735	4789	1436



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Showery for northern Scotland and eastern England today, showers heavy at times and most frequent in coastal areas. Otherwise, most places dry with sunny spells. Windy, especially in the east where feeling cool. Tonight: Showers becoming confined to northern Scotland and the far east of England tonight leaving the rest of the UK dry with long clear periods. Colder than last night.
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 0 Flood alerts & 0 flood warnings for Scotland 3 Flood alerts & 0 flood warnings for England 0 Flood alerts & 0 flood warnings for Wales

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