

**National Electricity
Transmission System Status Report**



nationalgridESO

National Electricity Transmission System Status Report
Wednesday 14 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	4277 (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

Balancing Costs

Last 24 hours' BM spend Total: £576k



Yesterday's Market Summary

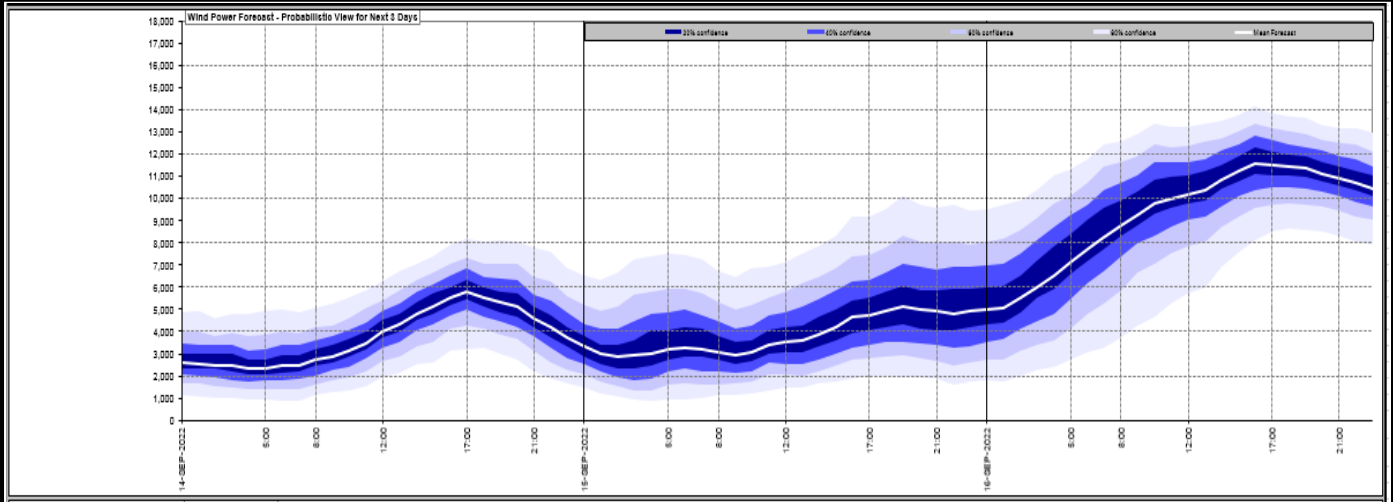
Cash Out Price (Max)	£474 (SP 37)
Cash Out Price (Min)	£200 (SP 21)
Peak Demand Yesterday	34,400MW
Minimum Demand	18,670MW

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

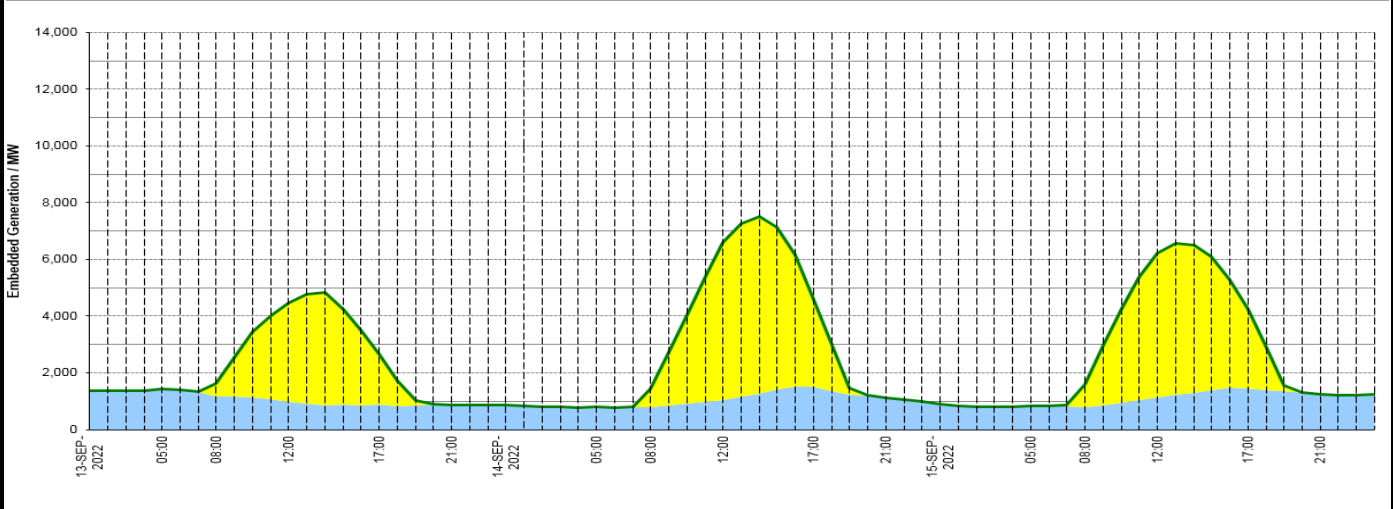


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 14-Sep-2022 01:44:11

	13-SEP-2022				14-SEP-2022				15-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	452	3479	1787	0	0	0	653	5564	3064	0	0	0	782	5081	2797	0
Wind (MW)	1444	1177	968	872	878	852	794	795	1045	1521	1127	897	826	798	1128	1442	1248
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1444	1629	4447	2659	878	852	794	1448	6609	4585	1127	897	826	1580	6209	4239	1248



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: This morning, any mist will lift and the far south will see rain clear, leaving a dry day for most with sunny spells and patchy cloud. The far north will be cooler with a few showers. Turning breezy.</p> <p>Tonight: Tonight will continue breezy and largely dry with clear skies for many, but with areas of cloud drifting in for some from the north. Just a few showers for the far north of Scotland. A cooler night.</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 0 Flood Alerts & 0 Flood warnings for Scotland 8 Flood Alerts & 0 Flood warning for England 1 Flood Alert & 0 Flood warnings 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