

National Electricity Transmission System Status Report



nationalgridESO

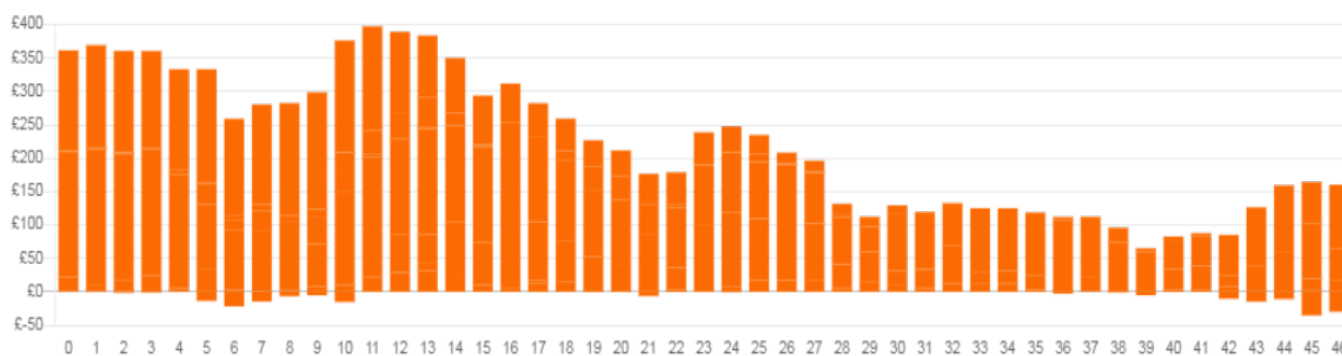
National Electricity Transmission System Status Report
Thursday 02 February 2023

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	13,656 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £10246k



Yesterday's Market Summary

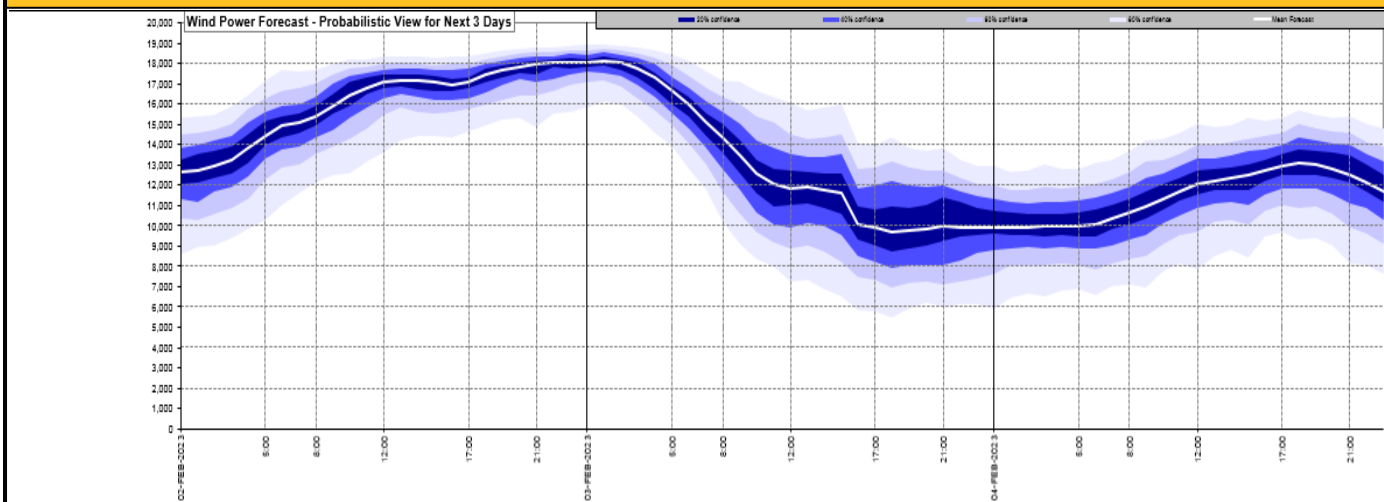
Cash Out Price (Max)	£198.00 (SP 34-36)
Cash Out Price (Min)	£22.50 (SP 10-11)
Peak Demand Yesterday	39939 MW
Minimum Demand	20,608 MW

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)	2000	2000	Planned outage 09:00 to 15:00. Capacity reduces to 1GW
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

Wind Power Forecast

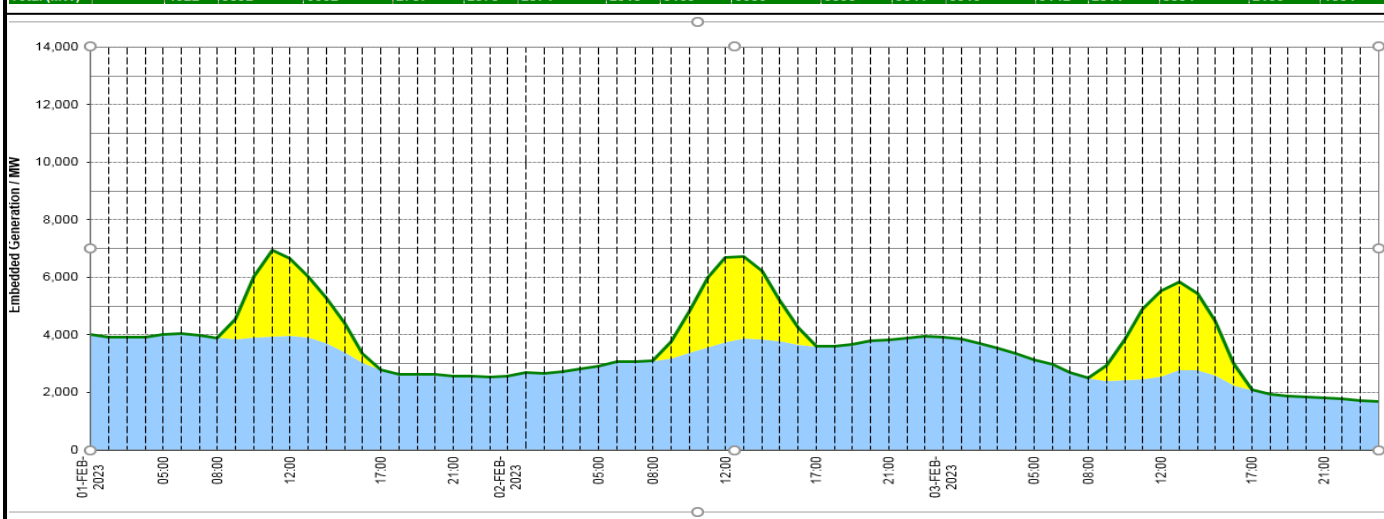


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 02-Feb-2023 01:43:30

	01-FEB-2023					02-FEB-2023					03-FEB-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
Solar (MW)	0	0	2698	7	0	0	0	18	2952	19	0	0	0	18	2981
Wind (MW)	4022	3892	3964	2780	2575	2574	2915	3091	3734	3579	3841	3919	3142	2493	2553
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4022	3892	6662	2787	2575	2574	2915	3109	6686	3598	3841	3919	3142	2511	5534



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Today will see prolonged spells of heavy rain for north-west Scotland, but will be mild and bright to the east. Mostly cloudy skies further south, but the south-east will have longer bright spells. Tonight: Tonight, outbreaks of rain continue in western and northern Scotland, but these will clear overnight. Mostly dry elsewhere, but cloud will build from the north, with the chance of an isolated shower.
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 warnings and 18 flood alerts issued for England. 0 flood warnings and 6 flood alerts issued for Scotland. 0 flood warning and 0 flood alerts issued for Wales.

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