

National Electricity Transmission System Status Report

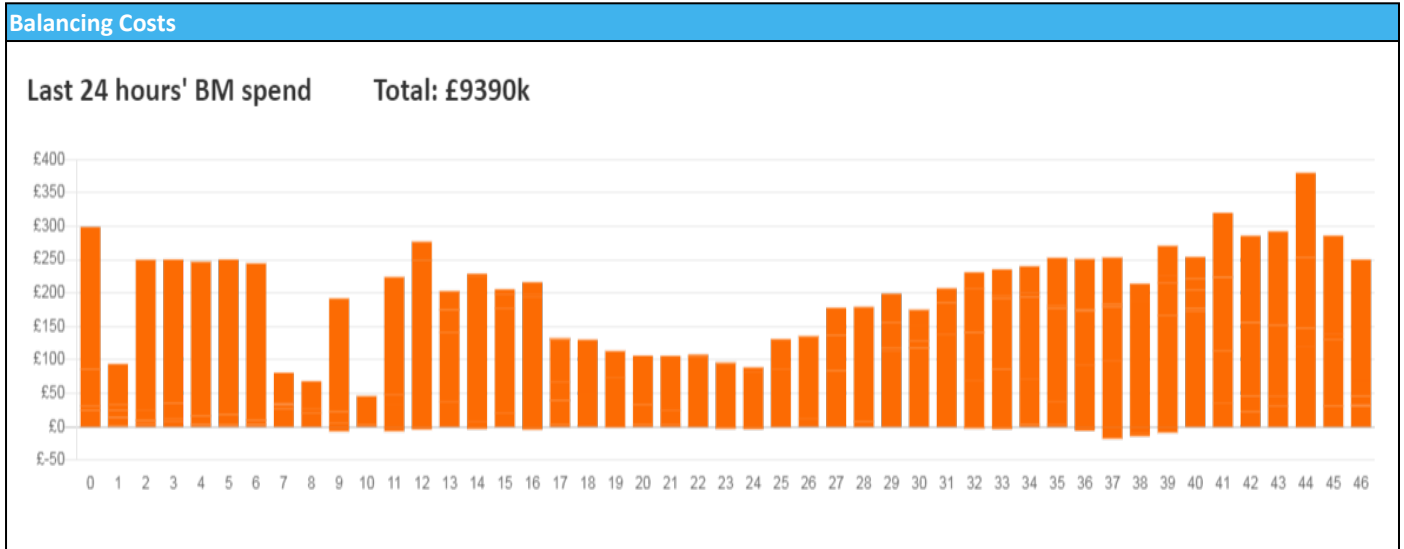


nationalgridESO

National Electricity Transmission System Status Report
Sunday 08 January 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			

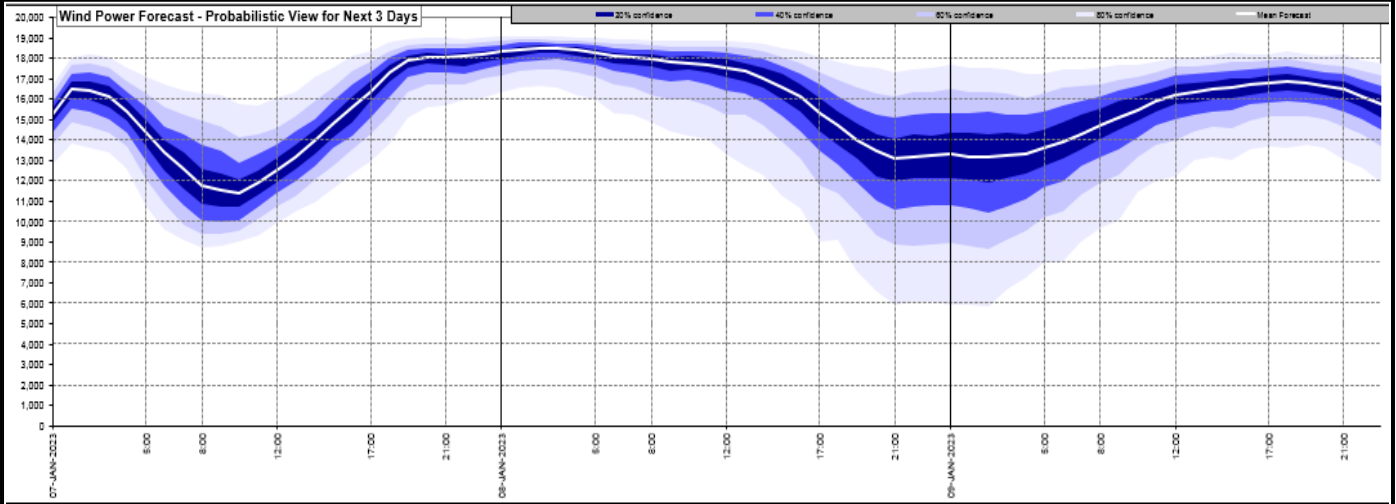
Today's Minimum De-Rated Margin	13,684 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	750MW



Yesterday's Market Summary	
Cash Out Price (Max)	£230.00 (SP 16)
Cash Out Price (Min)	-£68.00 (SP 40)
Peak Demand Yesterday	33,447 MW
Minimum Demand	17,652 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)	1500	1500	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

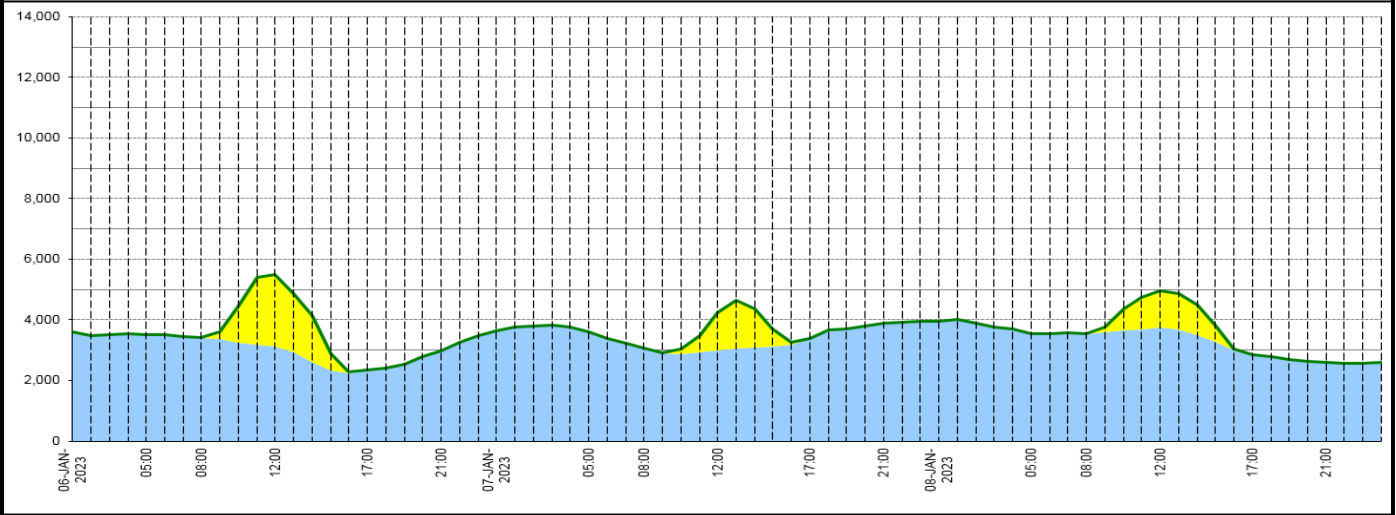
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	06-JAN-2023				07-JAN-2023				08-JAN-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	0	2396	0	0	0	0	0	1265	0	0	0	0	0	1213	0	0
Wind (MW)	3518	3409	3107	2337	2988	3638	3618	3058	2986	3384	3880	3951	3559	3538	3749	2836	2606
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3518	3409	5503	2337	2988	3638	3618	3058	4251	3384	3880	3951	3559	3538	4962	2836	2606



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A windy and colder day with a mixture of sunny intervals and occasional showers, these heavy at times with a risk of hail and thunder, particularly in south and west. Severe gales affecting far northwest Scotland this morning.</p> <p>Tonight: Further bands of showers moving east accompanied by strong and gusty winds. Clear spells between the showers, and some eastern parts mostly dry. Frost in sheltered parts of northern Scotland.</p>
General Weather Concerns e.g. wind, rain, snow,	Met Office Weather Warnings	<p>UK Weather Warnings Yellow warning of wind Areas affected: Highlands & Eilean Siar Strathclyde</p>

Weather	Source	Commentary
flooding, GB Weather Warnings	SEPA Natural Resources Wales	<p>ACTIVE</p> <p>Started at: 02:00 GMT on Sun 8 January Ends: 14:00 GMT on Sun 8 January</p> <p>Strong winds expected to cause some travel delays and difficult driving conditions.</p> <ul style="list-style-type: none"> - Some delays to road, air and ferry transport are likely - Delays for high-sided vehicles on exposed routes and bridges likely - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves
		<p>Flood Warnings</p> <p>27 flood warnings and 75 flood alerts issued for England.</p> <p>12 flood warnings and 2 flood alerts issued for Scotland.</p> <p>3 flood warnings and 17 flood alerts issued for Wales.</p>

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