

National Electricity Transmission System Status Report

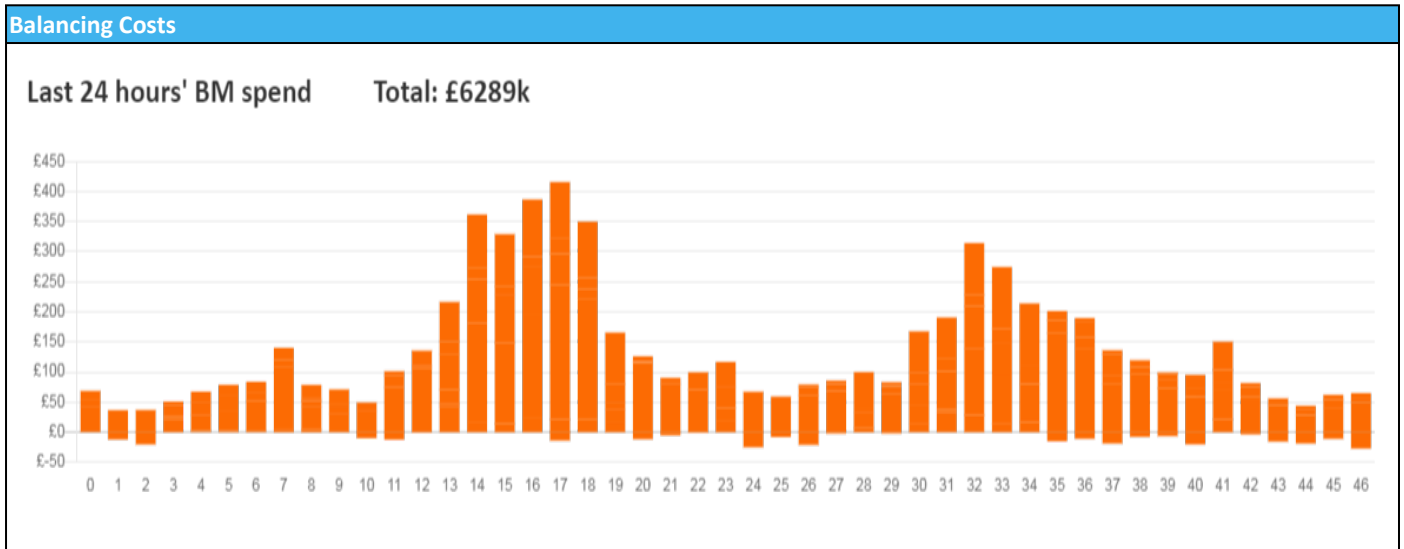


nationalgridESO

National Electricity Transmission System Status Report
Friday 20 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			

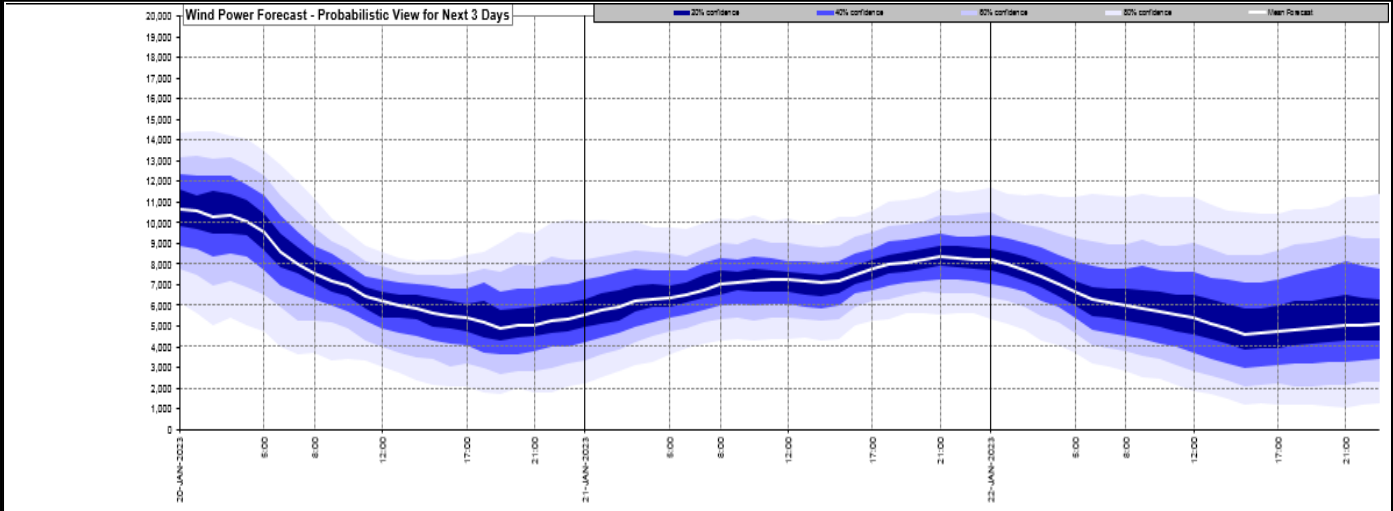
Today's Minimum De-Rated Margin	3023 MW (SP 37)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£290.00 (SP 35-36)
Cash Out Price (Min)	£116.05 (SP 3-4,12-14,23,28)
Peak Demand Yesterday	46,383 MW
Minimum Demand	25,739 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)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

Wind Power Forecast

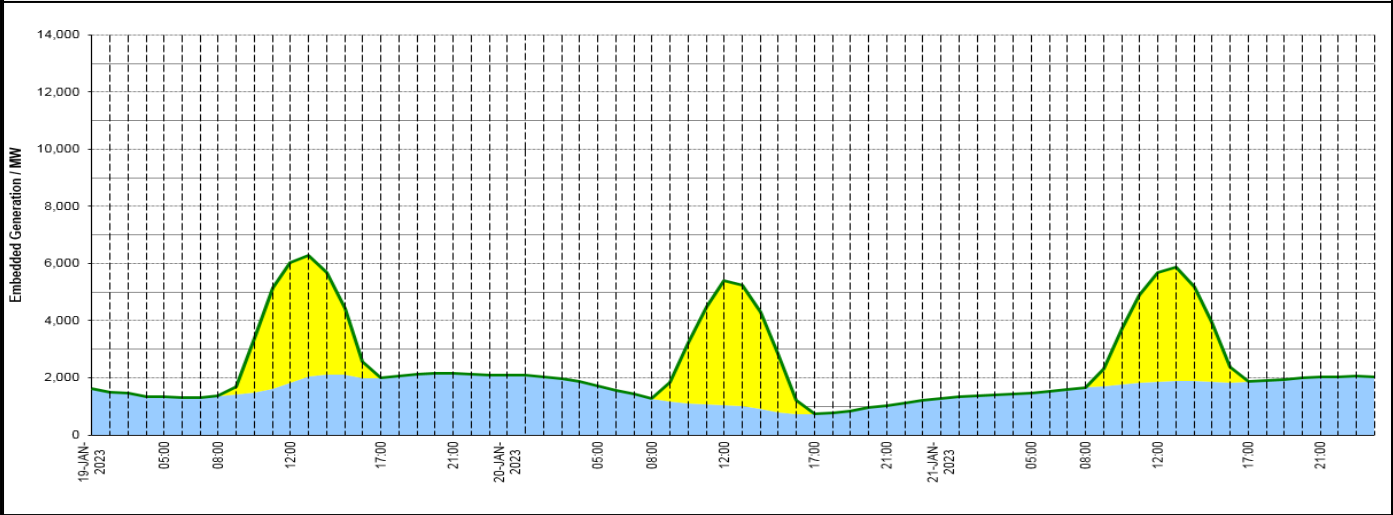


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates Last run: 20-Jan-2023 01:44:16

	19-JAN-2023					20-JAN-2023					21-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	4205	0	0	0	0	0	4362	0	0	0	0	0	3834	0	0
Wind (MW)	1341	1359	1826	1994	2172	2086	1717	1266	1048	736	1034	1273	1465	1665	1856	1862	2029
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1341	1359	6031	1994	2172	2086	1717	1266	5410	736	1034	1273	1465	1665	5690	1862	2029



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Today is expected to be largely dry and chilly with plenty of winter sunshine. North-east and east England will see some isolated showers, these spreading into East Anglia in the afternoon.</p> <p>Tonight: Tonight, much of the UK will turn mostly dry and clear as the showers in the east ease away. Clouding over in Northern Ireland and west Scotland with patchy light rain. Patchy mist and fog elsewhere.</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 Yellow warning of ice Areas affected: East Midlands North West England Northern Ireland South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVEStarted at: 17:00 GMT on Thu 19 JanuaryEnds: 10:00 GMT on Fri 20 January Potential for ice developing and some challenging travelling conditions on Thursday night and Friday morning.</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Yellow warning of ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland</p> <p>ACTIVE Started at: 17:00 GMT on Thu 19 January Ends: 10:00 GMT on Fri 20 January Showers leading to ice developing and some challenging travelling conditions on Thursday night and Friday morning.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Yellow warning of ice Areas affected: North East England Yorkshire & Humber</p> <p>ACTIVE Started at: 17:00 GMT on Thu 19 January Ends: 10:00 GMT on Fri 20 January Potential for ice developing and some challenging travelling conditions on Thursday night and Friday morning.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths
		<p>Flood Warnings 52 flood warnings and 74 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 0 flood alerts issued 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