

National Electricity Transmission System Status Report

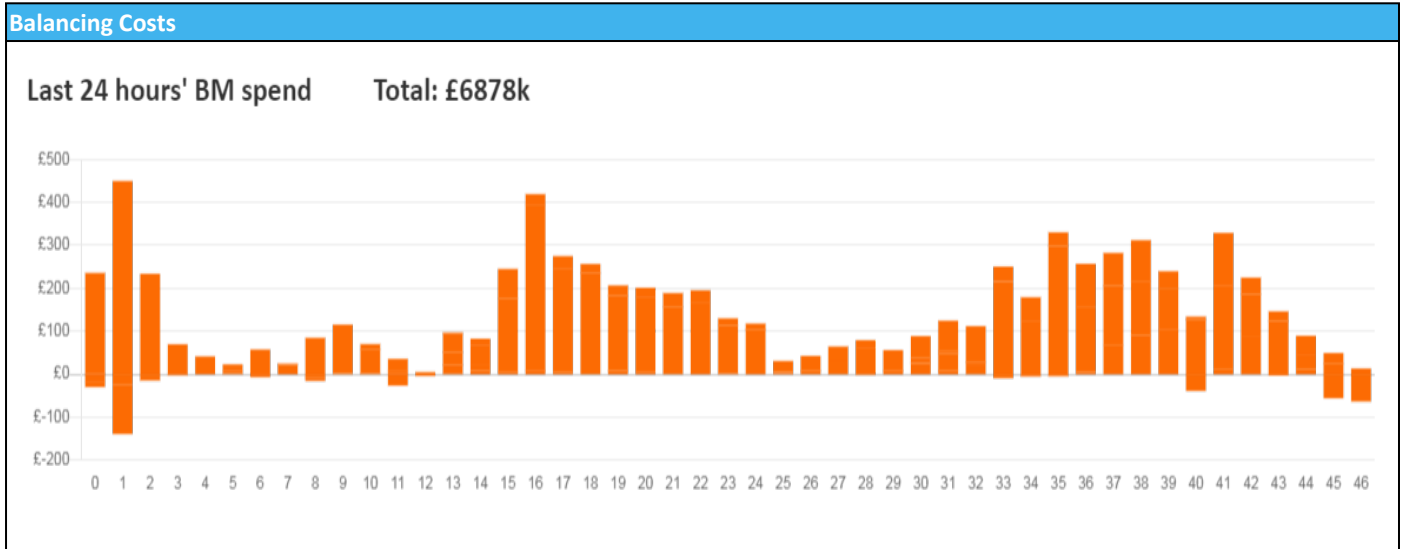


nationalgridESO

National Electricity Transmission System Status Report
Sunday 11 December 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			

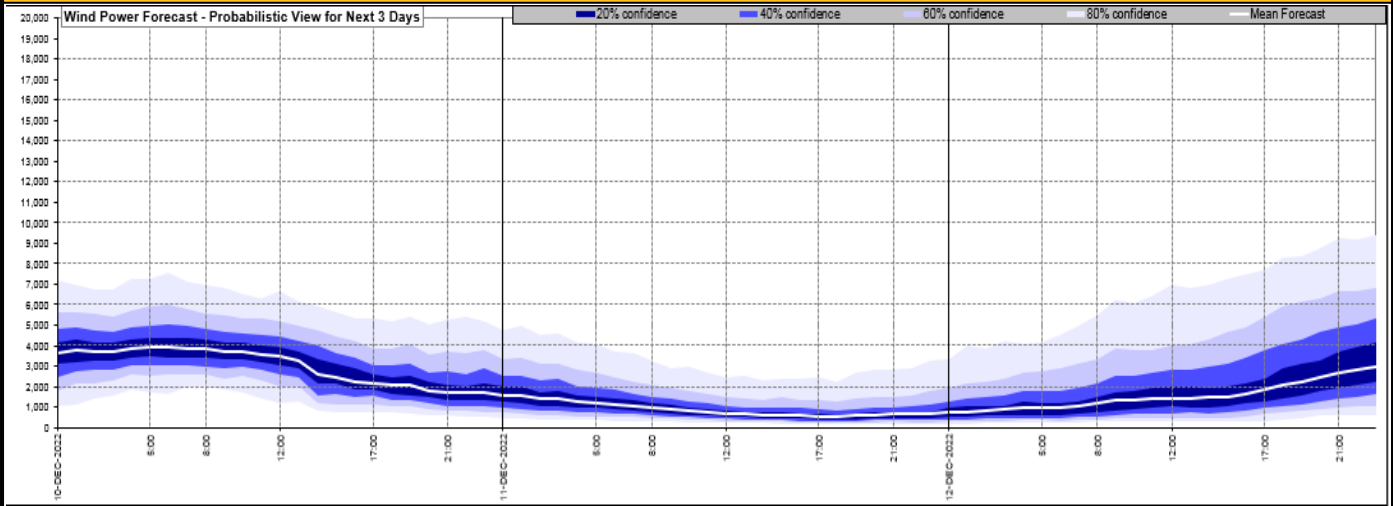
Today's Minimum De-Rated Margin	-1,658 (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£575.00 (SP 35,36,37)
Cash Out Price (Min)	£236.00 (SP 13,14)
Peak Demand Yesterday	42,057 MW
Minimum Demand	24,610 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

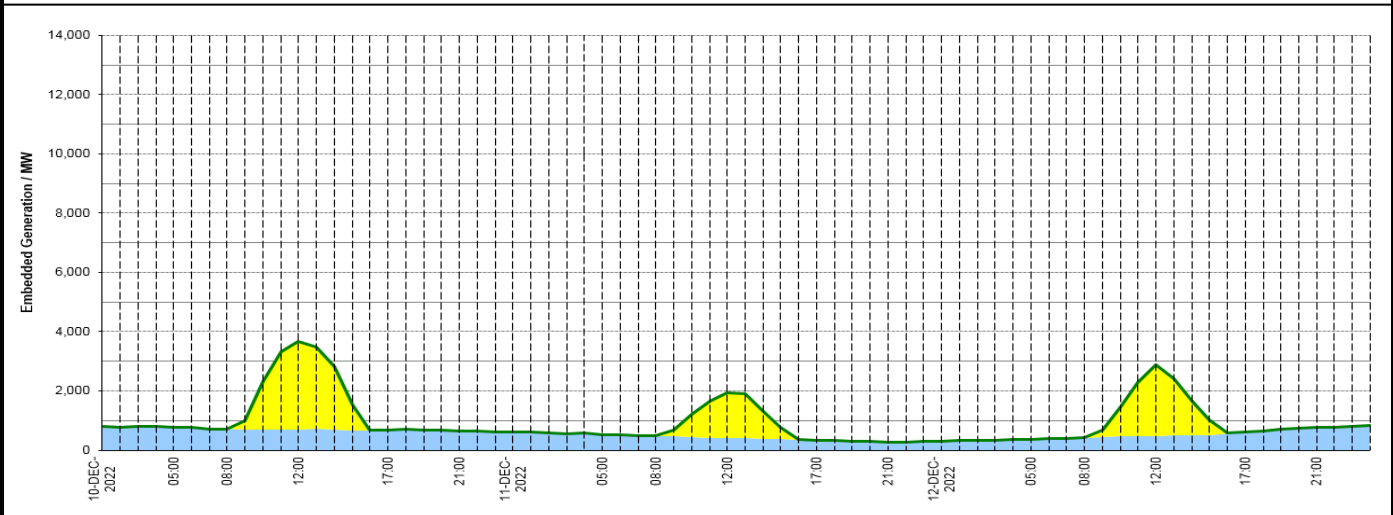
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	10-DEC-2022					11-DEC-2022					12-DEC-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	0	2966	0	0	0	0	0	1550	0	0	0	0	0	2383	0	0
Wind (MW)	787	713	696	675	658	618	530	474	402	346	282	307	370	422	485	619	766
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	787	713	3662	675	658	618	530	474	1952	346	282	307	370	422	2868	619	766



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Some sunny spells for most, although patchy freezing fog may prove stubborn. Wintry showers focused across coastal counties, including northeastern UK and southwest England this morning, perhaps reaching coasts of southeast England by dusk. Cold, especially where freezing fog lingers.</p> <p>Tonight: Coastal rain, with sleet and snow inland may affect parts of southeast England. Wintry showers affecting some coastal areas elsewhere but many inland parts frosty with some dense freezing fog.</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 snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland ACTIVE: Started at: 00:00 GMT on Wed 7 December Ends: 12:00 GMT on Sun 11 December Snow showers and icy surfaces bringing some travel disruption.</p> <p>Yellow warning of snow and ice Areas affected: East Midlands North West England South West England Wales West</p>

Weather	Source	Commentary
		<p>Midlands Yorkshire & Humber ACTIVE Started at: 16:00 GMT on Thu 8 December Ends: 12:00 GMT on Sun 11 December Some disruption is likely due to icy surfaces, with snowfall in a few places.</p> <p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde ACTIVE Started at: 07:41 GMT on Sat 10 December Ends: 12:00 GMT on Sun 11 December Snow and ice will make travelling difficult across central and southern Scotland during Saturday and into Sunday morning.</p> <p>Yellow warning of fog Areas affected: East Midlands East of England London & South East England South West England West Midlands Starts: 06:00 GMT on Sun 11 December Ends: 11:00 GMT on Sun 11 December Areas of fog, some of it dense and freezing, may make for some slow or difficult journeys this morning.</p> <p>Yellow warning of ice Areas affected: Northern Ireland Starts: 07:00 GMT on Sun 11 December Ends: 11:00 GMT on Sun 11 December Icy stretches and wintry showers bringing some travel disruption this morning.</p> <p>Yellow warning of snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde Starts: 12:00 GMT on Sun 11 December Ends: 12:00 GMT on Mon 12 December Snow and ice will lead to difficult travel conditions.</p> <p>Yellow warning of snow and ice Areas affected: East of England London & South East England Starts: 18:00 GMT on Sun 11 December Ends: 09:00 GMT on Mon 12 December Snow may push in across parts of east and southeast England, leading to a risk of travel disruption especially on Monday morning.</p> <p>Flood Warnings No flood warnings are currently in force for England.</p> <p>No flood warnings are currently in force for Scotland.</p> <p>No flood warnings are currently in force 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