

National Electricity Transmission System Status Report

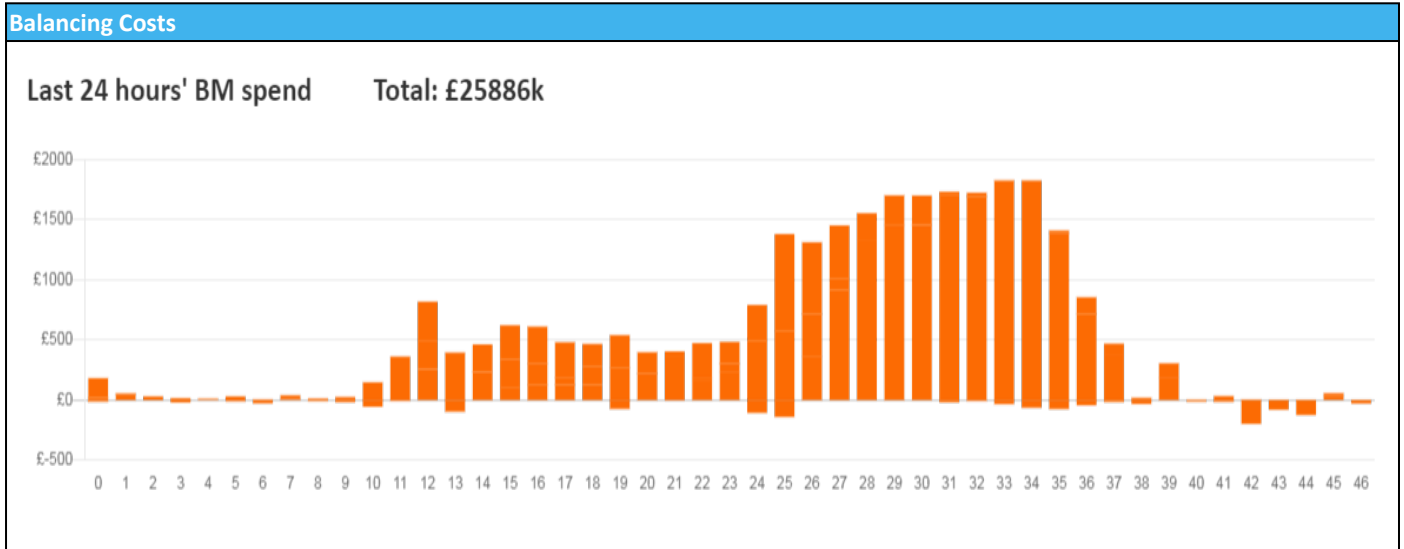


nationalgridESO

National Electricity Transmission System Status Report
Tuesday 13 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			

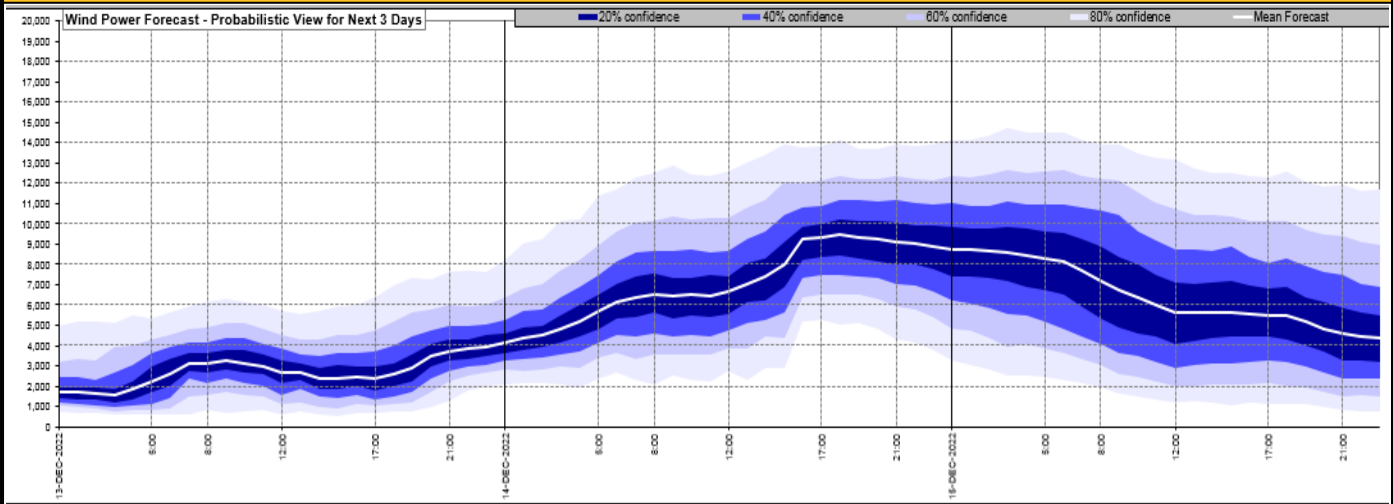
Today's Minimum De-Rated Margin	1290 (SP 35)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£1650.00 (SP27 & SP28)
Cash Out Price (Min)	£241.00 (SP11 & SP12)
Peak Demand Yesterday	46,624 MW
Minimum Demand	26,990 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

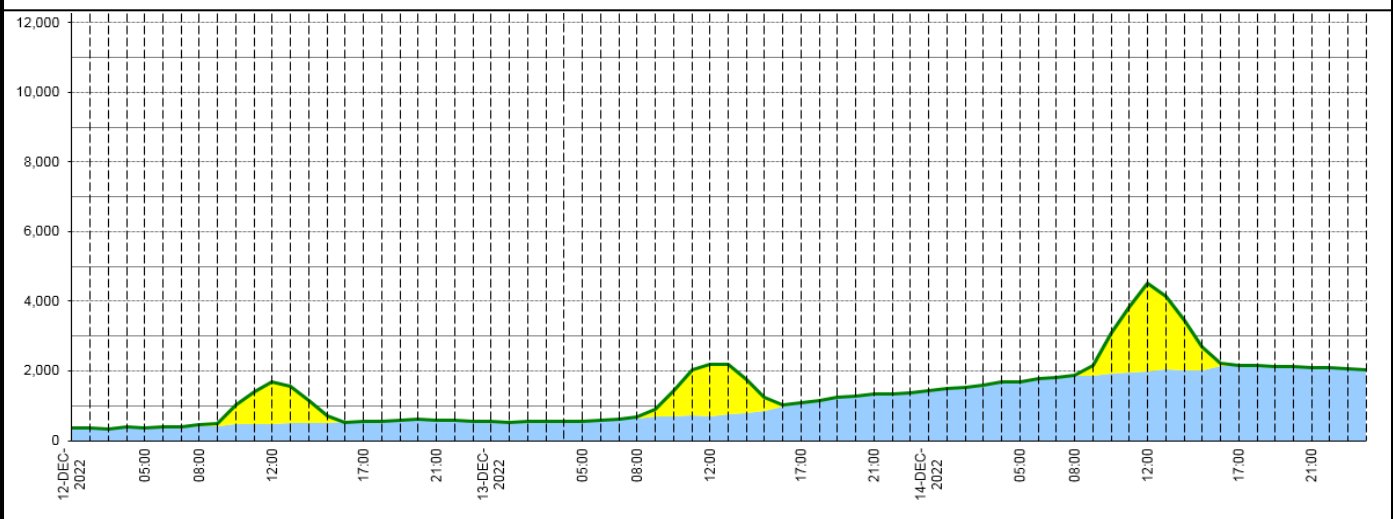
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	12-DEC-2022					13-DEC-2022					14-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	46	1194	0	0	0	0	43	1500	0	0	0	0	44	2526	0	0
Wind (MW)	376	406	482	548	595	544	555	643	699	1075	1325	1448	1698	1844	1981	2151	2097
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	376	452	1676	548	595	544	555	686	2199	1075	1325	1448	1698	1888	4507	2151	2097



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Snow showers continue to affect some northern and eastern parts of Scotland. Many other areas dry, early freezing fog lifting but remaining very cold. Cloudier in southern England and south Wales; a little light snow possible in the breezier southwest.</p> <p>Tonight: Snow showers affecting some northeastern coastal areas of the UK, many inland areas dry and very frosty. Southern areas cloudier, with intermittent snow possible, chiefly in parts of southwest England.</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 East of England London & South East England ACTIVE: Started at: 09:00 GMT on Mon 12 December Ends: 11:00 GMT on Tue 13 December Lying snow and icy patches will lead to difficult travel conditions during Monday and into Tuesday.</p> <p>Yellow warning of ice and fog: Areas affected: Northern Ireland</p>

Weather	Source	Commentary
		<p>ACTIVE: Started at: 17:00 GMT on Mon 12 December Ends: 10:00 GMT on Tue 13 December Areas of freezing fog and patchy ice on untreated surfaces may cause some difficult travel conditions on Monday night and Tuesday morning.</p> <p>Yellow warning of snow and ice: Areas affected: Grampian Highlands & Eilean Siar North East England Orkney & Shetland SW Scotland, Lothian Borders Yorkshire & Humber</p> <p>ACTIVE: Started at: 00:00 GMT on Tue 13 December Ends: 12:00 GMT on Thu 15 December Snow showers and icy surfaces will bring some travel disruption.</p>
		<p>Flood Warnings 2 flood warnings issued 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