

National Electricity Transmission System Status Report

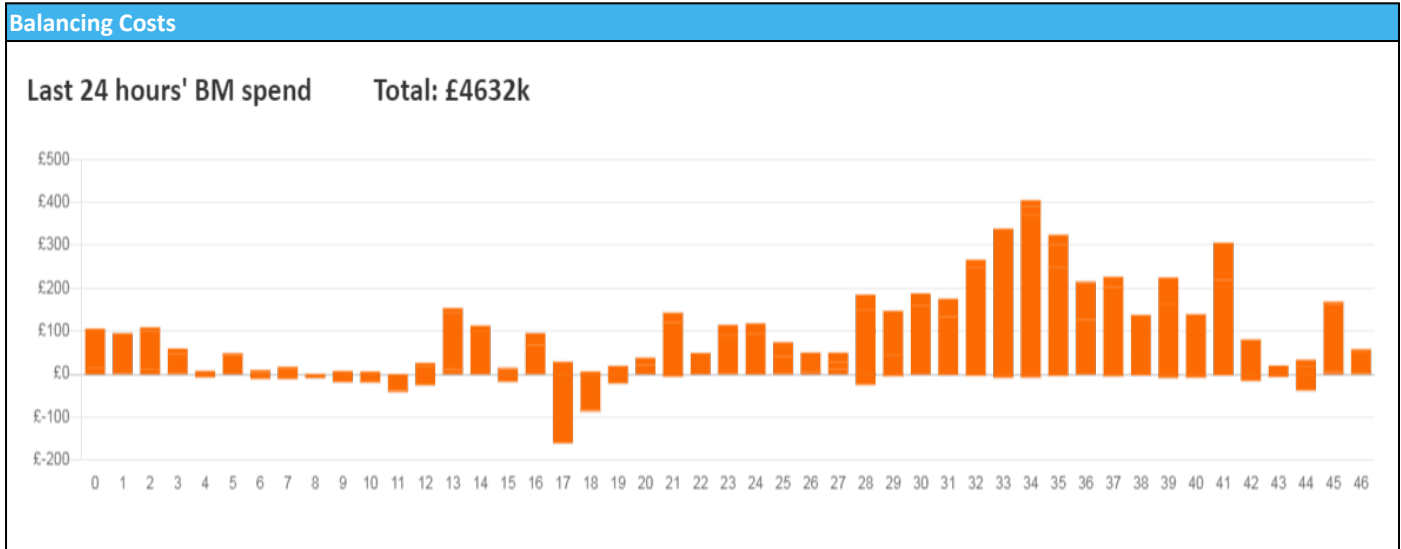


nationalgridESO

National Electricity Transmission System Status Report
Monday 12 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			

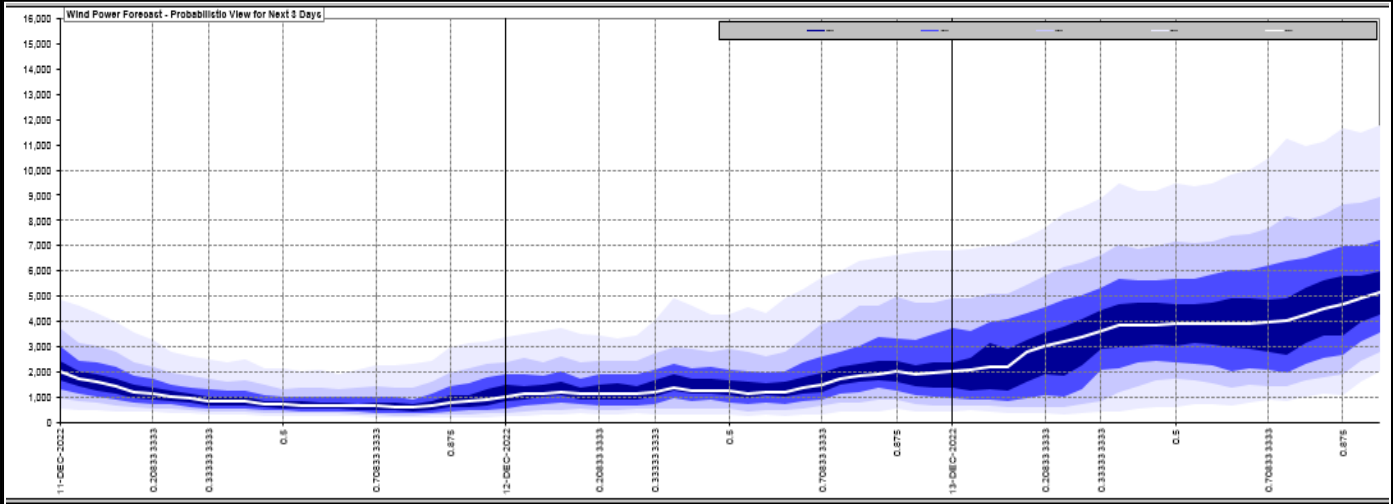
Today's Minimum De-Rated Margin	-1,518 (SP 37)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£626.00 (SP 36)
Cash Out Price (Min)	£205.00 (SPs 10, 11, 12, 13)
Peak Demand Yesterday	42,992 MW
Minimum Demand	26,020 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

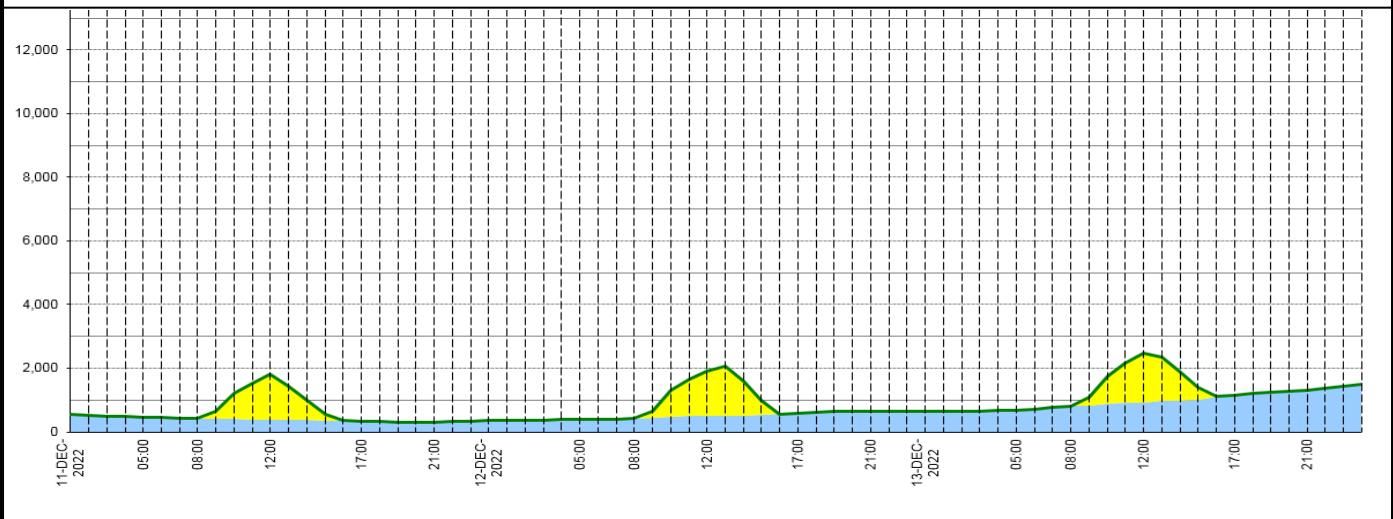
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-DEC-2022					12-DEC-2022					13-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	1449	0	0	0	0	0	1418	0	0	0	0	0	1556	0	0
Wind (MW)	463	419	374	339	308	356	380	424	496	588	661	637	681	805	908	1164	1312
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	463	419	1823	339	308	350	380	424	1914	588	661	637	681	805	2464	1164	1312



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Overnight sleet and snow will gradually ease in southeast England. Wintry showers in the north and east, persistent across the Northern Isles, but elsewhere mainly dry and fine. Some freezing fog may be slow to clear in places. Cold.</p> <p>Tonight: A few wintry showers continuing across the north and near some eastern coasts. Elsewhere dry with a hard frost once again with freezing fog likely becoming dense and widespread.</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: Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde ACTIVE: Started at: 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 ACTIVE:</p>

Weather	Source	Commentary
		<p>Started at: 16:00 GMT on Sun 11 December Ends: 09:00 GMT on Mon 12 December Snow will bring some disruption to travel on Sunday night and Monday morning.</p> <p>Yellow warning of ice and fog Areas affected: East Midlands London & South East England North East England North West England Northern Ireland SW Scotland, Lothian Borders South West England Wales West Midlands Yorkshire & Humber ACTIVE: Started at: 16:00 GMT on Sun 11 December Ends: 11:00 GMT on Mon 12 December Freezing fog and patches of ice likely to lead to some slow or difficult journeys on Sunday night and Monday morning.</p> <p>Yellow warning of snow and ice Areas affected: Orkney & Shetland ACTIVE: Started at: 00:00 GMT on Mon 12 December Ends: 12:00 GMT on Tue 13 December Wintry showers are likely to lead to difficult travel conditions.</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 Starts: 12:00 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 No flood warnings are currently in force for England. No flood warnings are currently in force for Scotland. 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