

National Electricity Transmission System Status Report

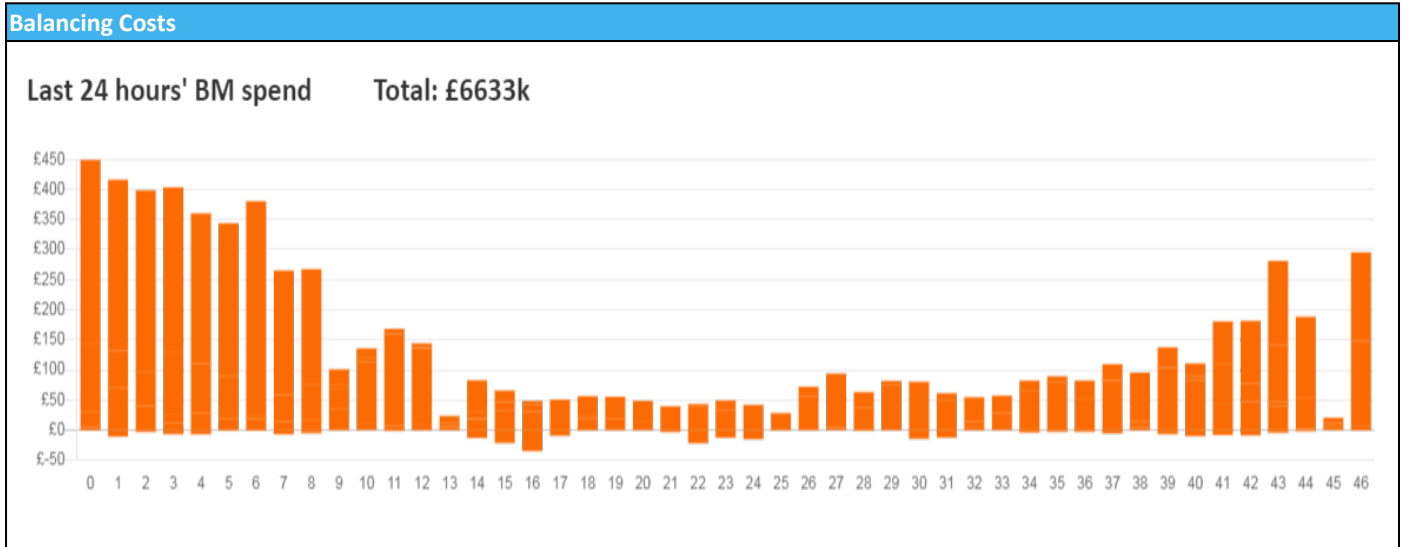


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National Electricity Transmission System Status Report
Wednesday 28 December 2022

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			

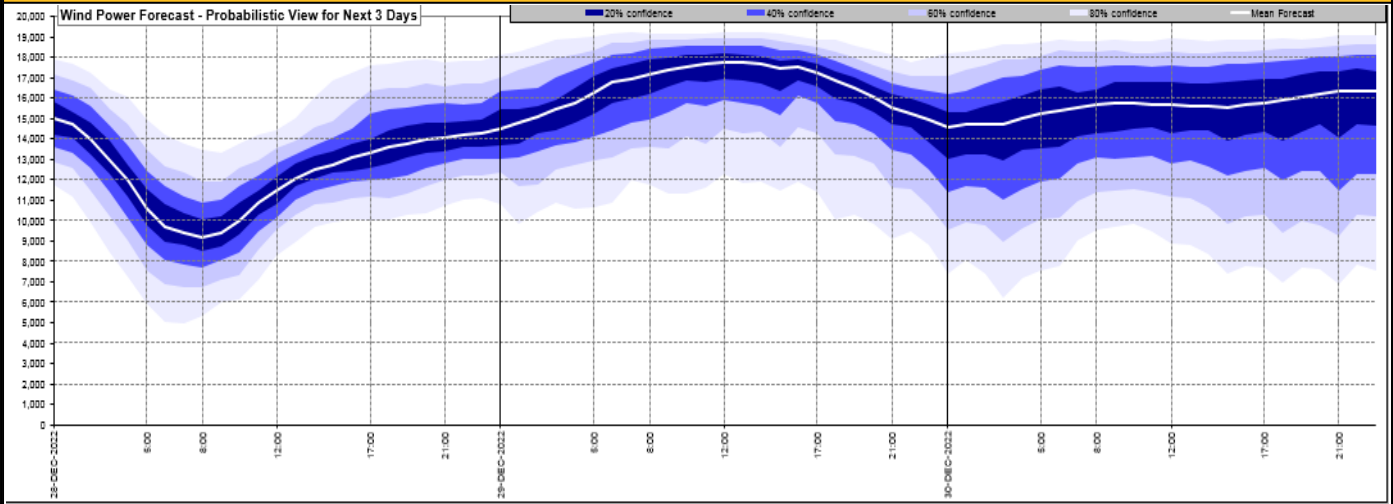
Today's Minimum De-Rated Margin	15,642 (SP 22)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£250.00 (SP 36-39)
Cash Out Price (Min)	-£37.27 (SP 48)
Peak Demand Yesterday	34,034 MW
Minimum Demand	19,589 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

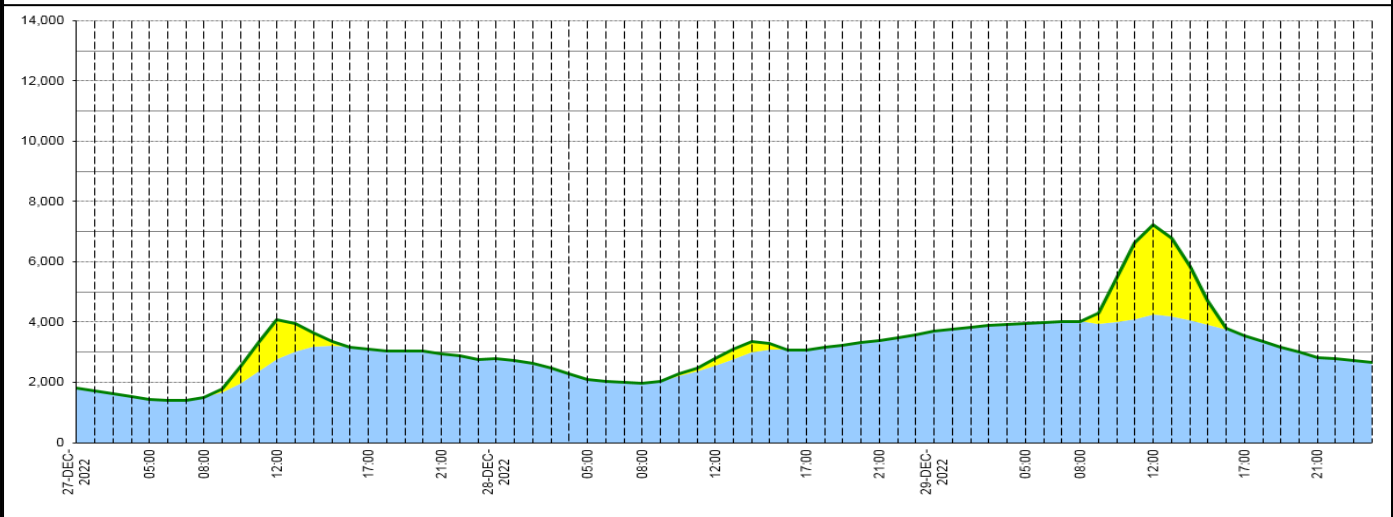
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	27-DEC-2022					28-DEC-2022					29-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	1307	0	0	0	0	0	223	0	0	0	0	0	2997	0	0
Wind (MW)	1430	1510	2786	3118	2952	2798	2091	1967	2560	3076	3397	3694	3950	4018	4237	3552	2829
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1430	1510	4093	3118	2952	2798	2091	1967	2783	3076	3397	3694	3950	4018	7234	3552	2829



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain across southern areas will move north-east across all areas through the day, possibly with some hill snow in the far north later. Scattered showers and sunny intervals following into the southwest. Becoming windy, particularly in the south, where mild.</p> <p>Tonight: Rain and hill snow in the far north clearing, then windy with blustery showers, some heavy, and frequent in the northwest.</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: Central, Tayside & Fife Grampian Highlands & Eilean Siar Strathclyde ACTIVE Started at: 15:00 GMT on Tue 27 December Ends: 10:00 GMT on Wed 28 December Patchy ice is expected to develop on untreated surfaces as rain and snow eases this evening - Probably some icy patches on some untreated roads, pavements and cycle paths - Some injuries from slips and falls on icy surfaces</p> <p>Yellow warning of rain</p>

Weather	Source	Commentary
		<p>Areas affected: South West England Wales</p> <p>ACTIVE</p> <p>Started at: 02:00 GMT on Wed 28 December Ends: 15:00 GMT on Wed 28 December</p> <p>Heavy rain may lead to some disruption.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer - Some interruption to power supplies and other services likely <p>Flood Warnings</p> <p>0 flood warnings and 34 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>1 flood warnings and 16 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