

**National Electricity
Transmission System Status Report**

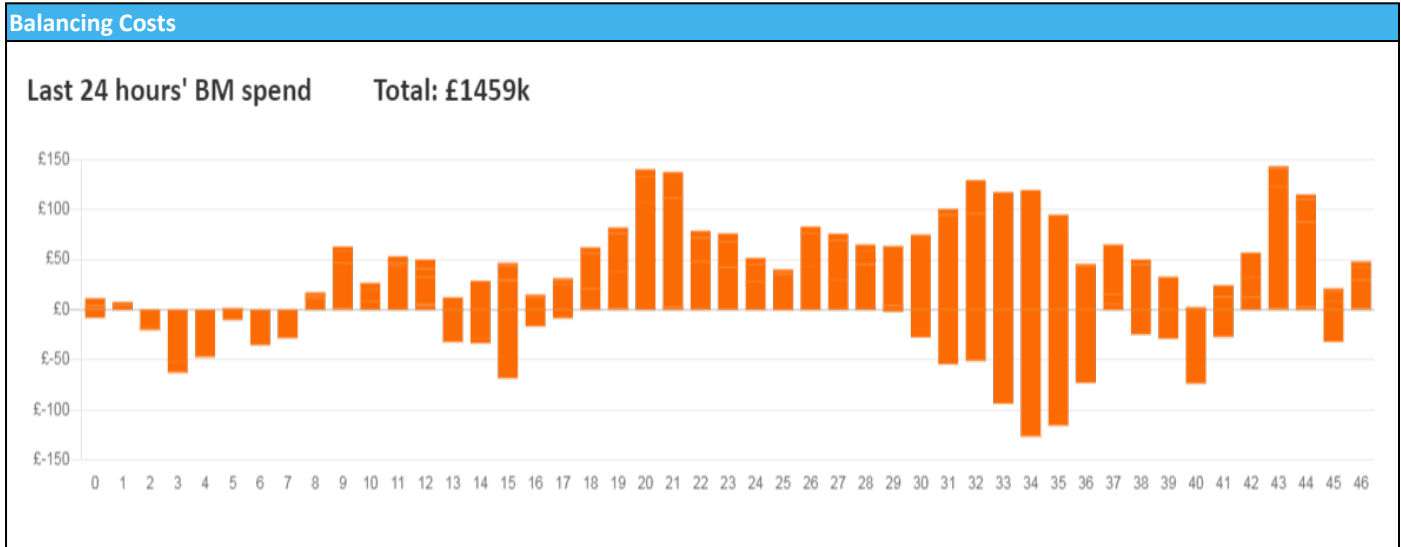


nationalgridESO

National Electricity Transmission System Status Report
Saturday 18 December 2021

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			

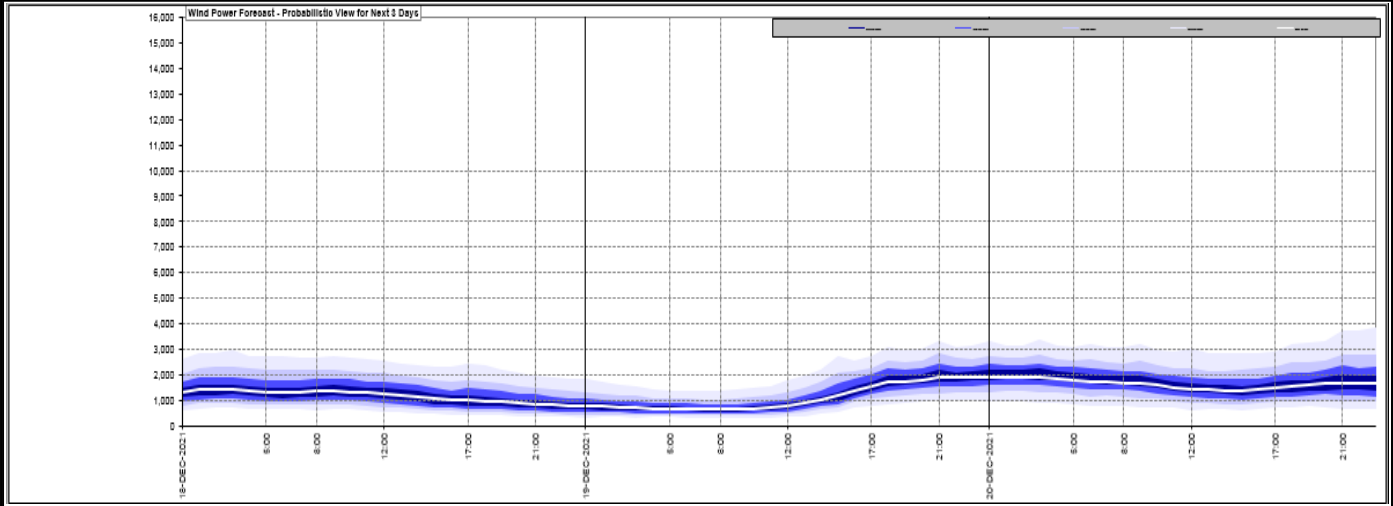
Today's Minimum De-Rated Margin	3117 (SP 35)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£420.00 (SP 22 & SP 23)
Cash Out Price (Min)	£00.00 (SP 16)
Peak Demand Yesterday	42,490 MW
Minimum Demand	23,020 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Partially Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	698	793	Partially Available
ElecLink	0	0	Not yet commissioned

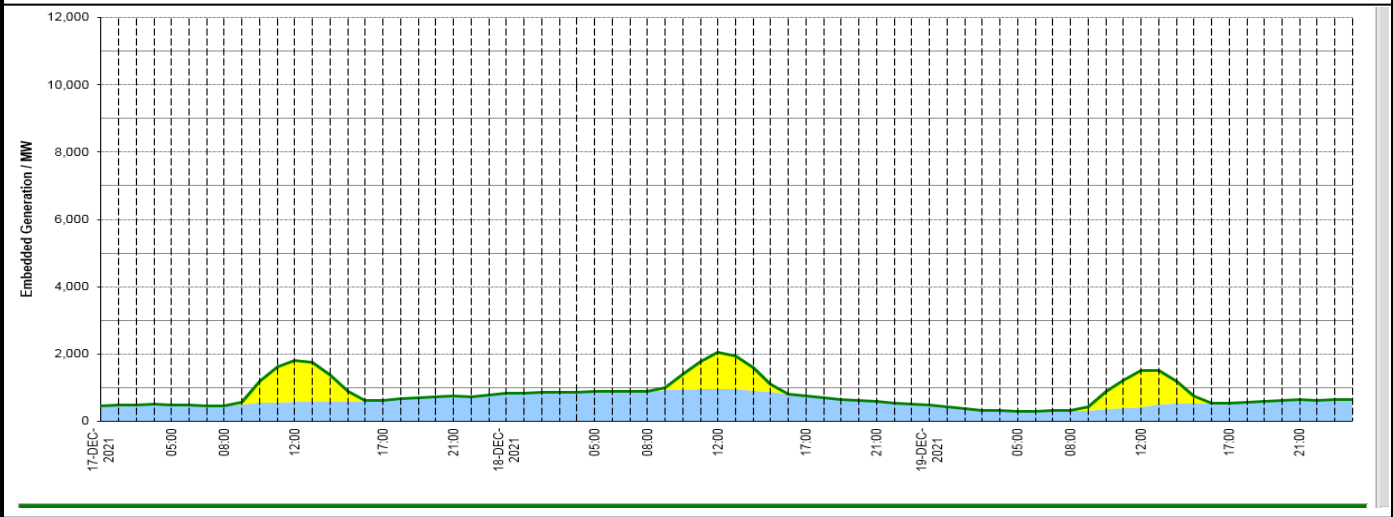
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates																Last run: 18-Dec-2021 04:47:55	
	17-DEC-2021					18-DEC-2021					19-DEC-2021						
	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	1240	0	0	0	0	0	1081	0	0	0	0	0	1089	0	0
Wind (MW)	494	449	571	621	748	821	878	881	962	743	597	471	307	315	410	549	632
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	494	449	1811	621	748	821	878	881	2043	743	597	471	307	315	1499	549	632



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Low cloud affecting much of England and Wales with some fog in places, mainly the east. Brighter for parts of Scotland and west Wales with some sunny spells, though a few fog patches lingering all day. Tonight: Low cloud and fog persisting across England and Wales. Clear spells for parts of Scotland, west Wales and southwest England where a frost is possible in places.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of fog Areas affected: East Midlands East of England London & South East England North East England West Midlands Yorkshire & Humber ACTIVE: Started at: 21:00 GMT on Thu 16 December Ends: 12:00 GMT on Sat 18 December Fog will become more widespread again this evening and overnight and may lead to some travel disruption. Flood Warnings 0 Flood Warning and 1 flood alert in England

Weather	Source	Commentary
		0 Flood Warning and flood alerts in Scotland 0 Flood Warning and flood alerts in Wales

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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