

**National Electricity
Transmission System Status Report**

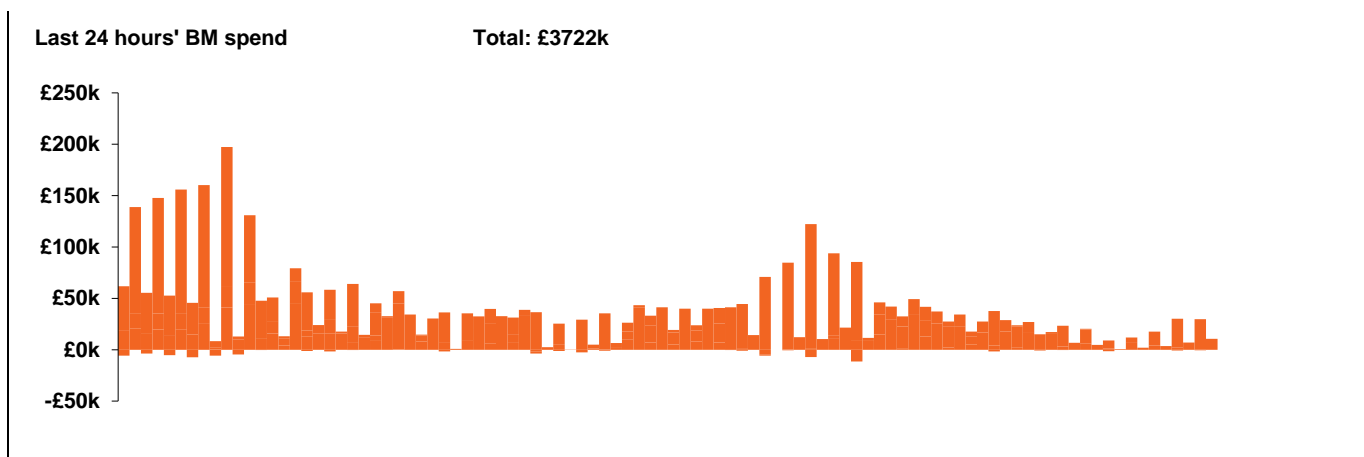


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 12 December 2020

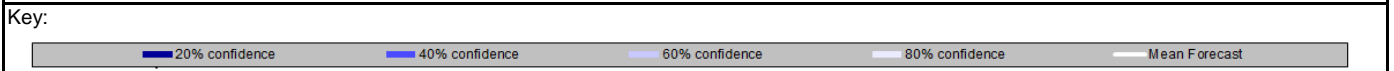
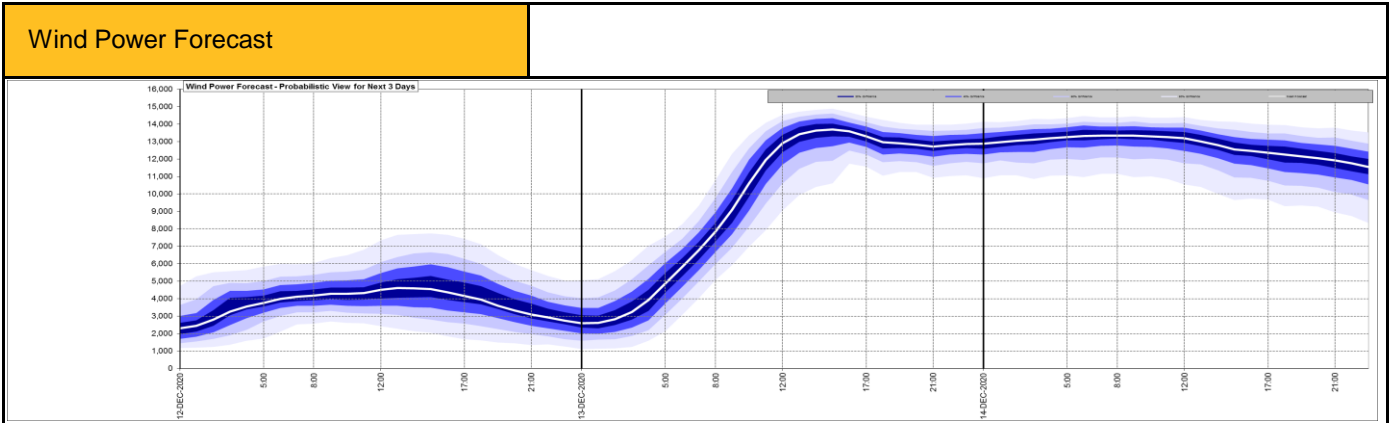
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	3020 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£125.00/MWh (SP 35)
Cash Out Price (Min)	£5.00/MWh (SP 15, 19-22, 29)
Peak Demand Yesterday	43450 MW

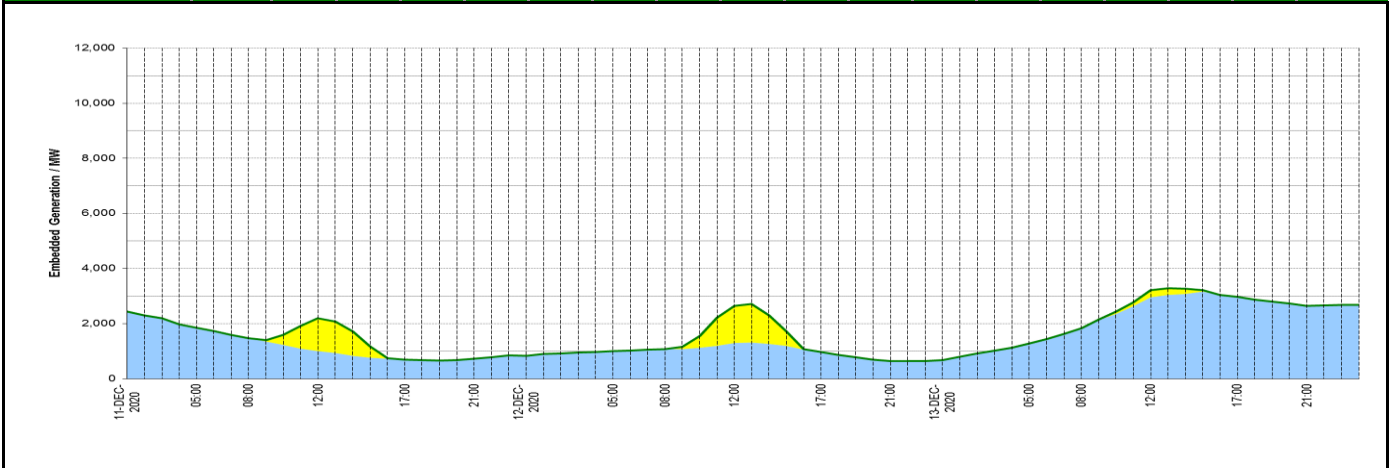
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	0	0	Commissioning
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available



Expected embedded generation (MWs)

Embedded Generation Forecast

	11-DEC-2020					12-DEC-2020					13-DEC-2020						
	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	1180	0	0	0	0	0	1352	0	0	0	0	0	264	0	0
Wind (MW)	1855	1469	1012	697	720	834	1010	1065	1293	966	639	683	1273	1841	2954	2975	2636
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1855	1469	2192	697	720	834	1010	1065	2645	966	639	683	1273	1841	3218	2975	2636



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Eastern areas seeing a lot of low cloud and some fog at first, but brightening up in some places later. Rain in eastern Scotland easing. Sunny intervals further west, but scattered showers mostly near coasts. Temperatures near average.</p> <p>Tonight: Clearer skies crossing most areas for a time, allowing a touch of frost. Northeast Scotland stays cloudier and damp. Northern Ireland and southwest UK turning cloudy, wet and windy later.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian</p> <hr/> <p>UK Flood Warnings: 4 Flood Alerts issued for England 1 Flood Warning and 3 Flood Alerts issued for Scotland. 1 Flood Alert 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