

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Saturday 23 November 2019

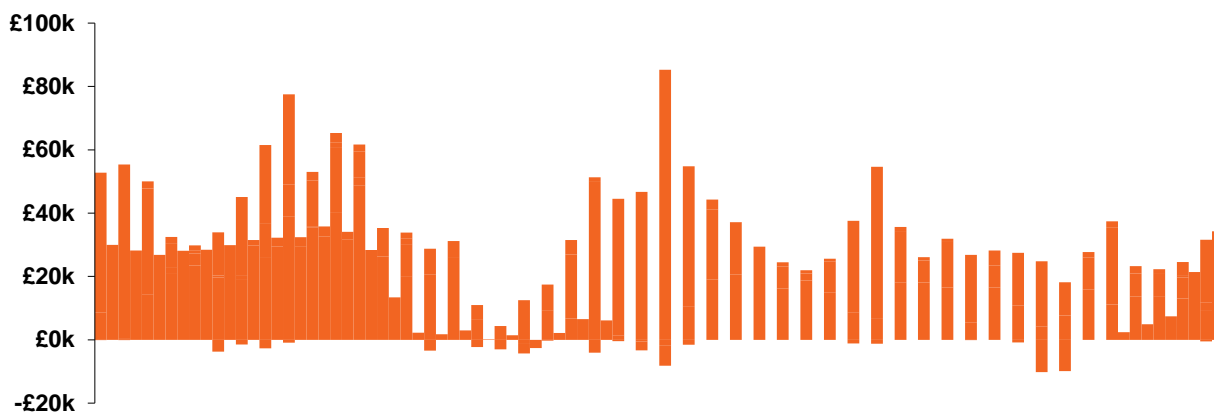
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	6650 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend

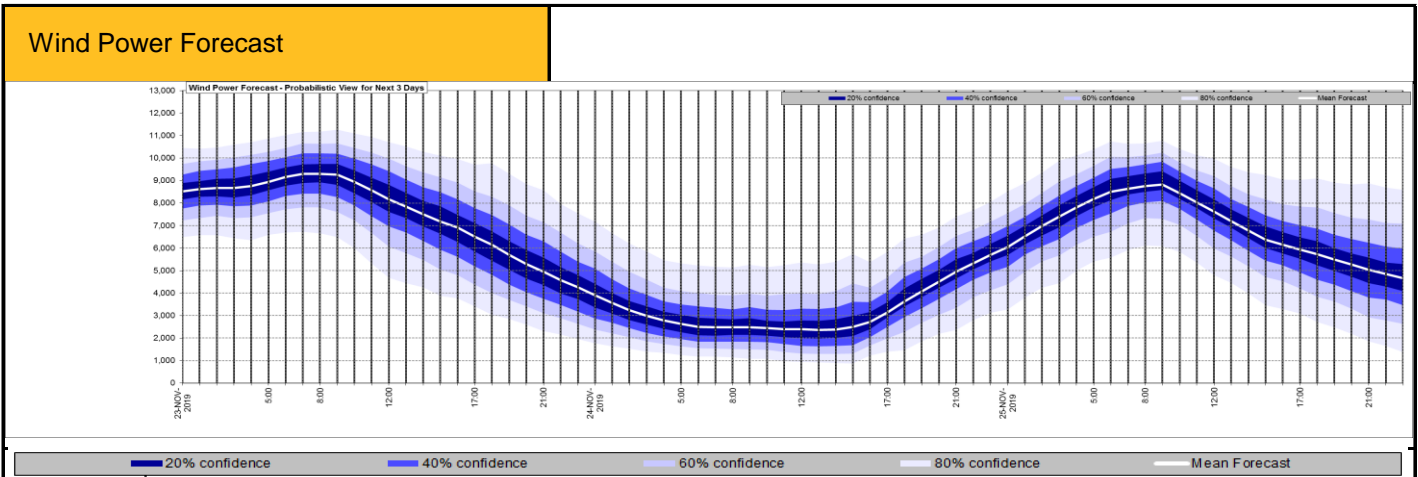
Total: £2174k



Yesterday's Market Summary

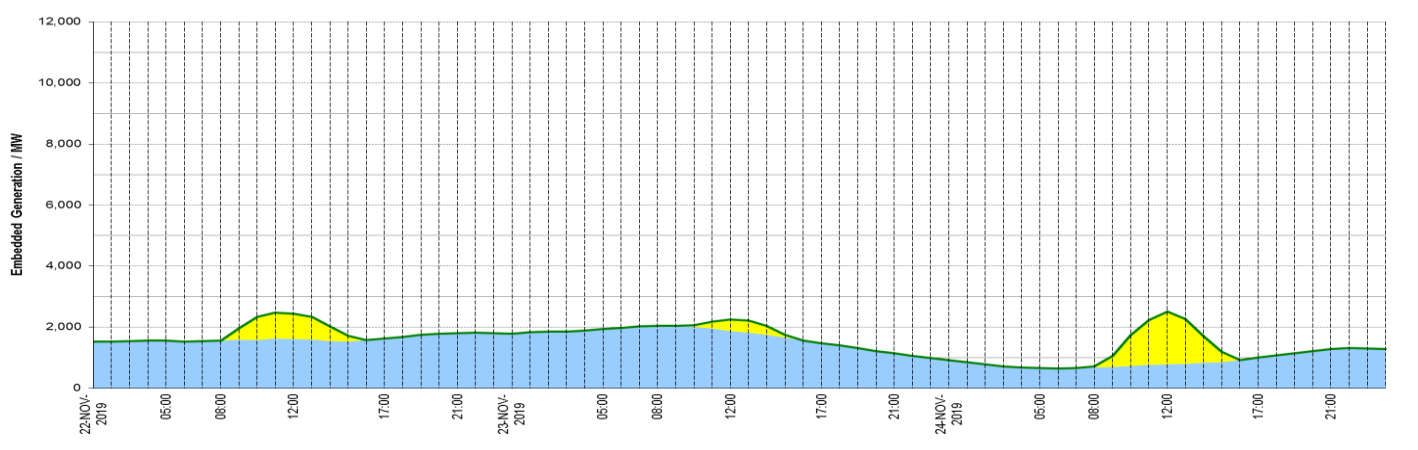
Cash out price (Max)	£85.00/MWh (SP 32, 33, 35)
Cash Out Price (Min)	£2.50/MWh (SP 8)
Peak Demand Yesterday	45,047 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available



Expected embedded generation (MWs)

Embedded Generation Forecast	21-NOV-2019					22-NOV-2019					23-NOV-2019						
	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	10	838	0	0	0	0	0	380	0	0	0	0	24	1736	0	0
Wind (MW)	1564	1558	1609	1634	1808	1784	1939	2041	1872	1480	1143	913	664	684	775	1006	1281
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1564	1568	2447	1634	1808	1784	1939	2041	2252	1480	1143	913	664	708	2511	1006	1281



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Most parts cloudy with rain at times, heaviest in the southwest this morning then in the northeast later. Temperatures close to the seasonal average but feeling chilly in the rain, and with a brisk breeze in the northeast.</p> <p>Tonight: Heavy rain becoming confined to northeast Scotland. Becoming drier elsewhere but with mist, low cloud and a few fog patches.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of rain Areas affected: South West England Wales East Midlands North East England North West England West Midlands Yorkshire & Humber Central, Tayside & Fife Grampian Highlands & Eilean Siar</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer - Some interruption to power supplies and other services likely <p>Flood Warning: 2 Flood Warnings in England</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