

**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Tuesday 19 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	1846 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend

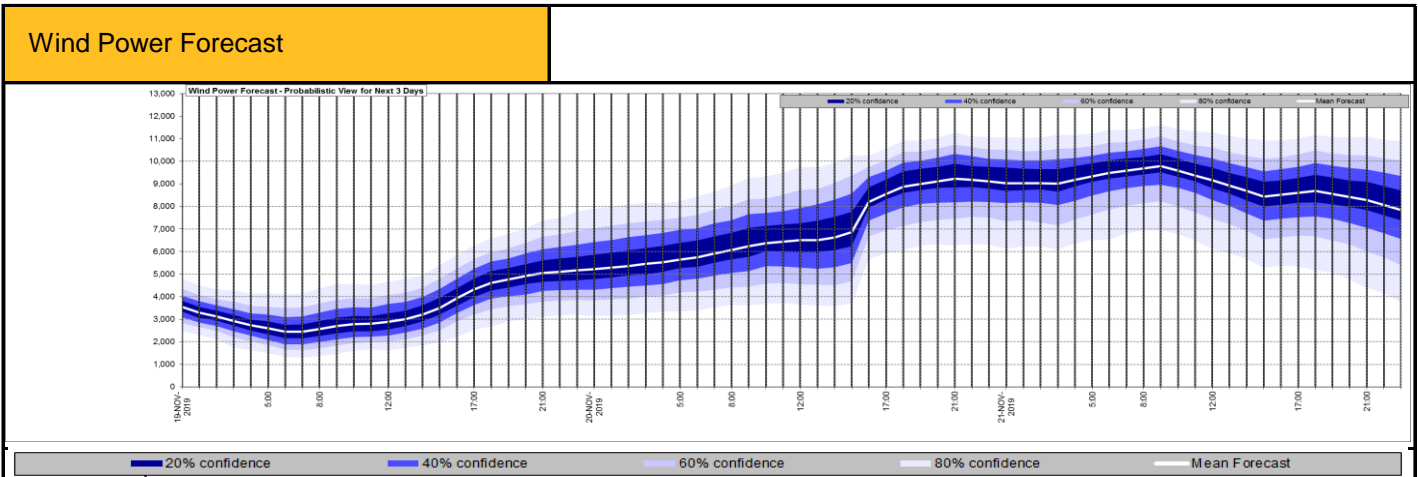
Total: £1180k



Yesterday's Market Summary

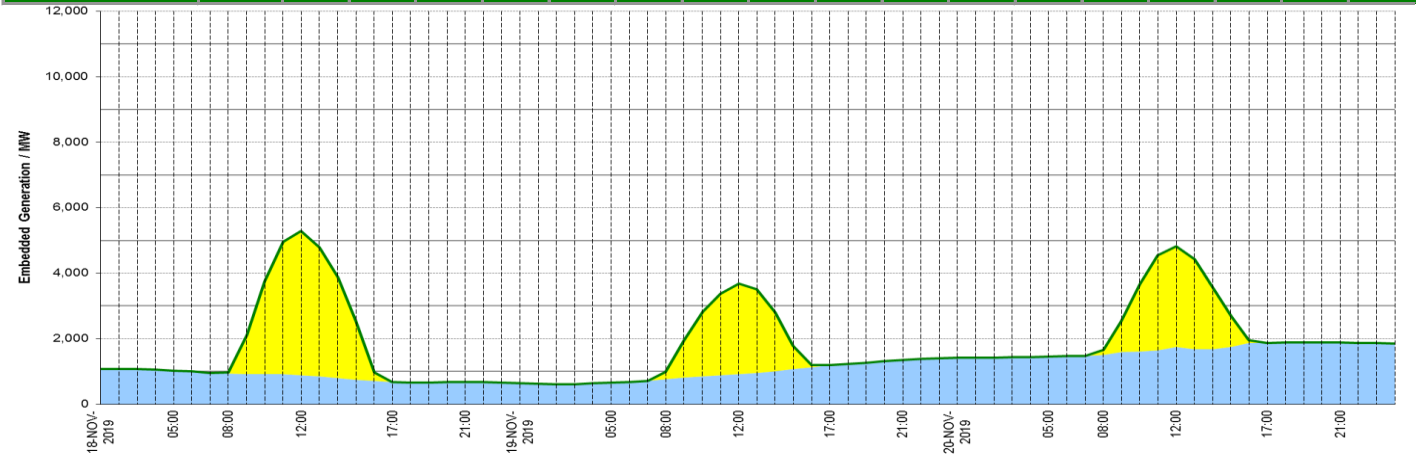
Cash out price (Max)	£71.49/MWh (SP 29)
Cash Out Price (Min)	£6.00MWh (SP 9 -12)
Peak Demand Yesterday	44,374 MW

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	18-NOV-2019					19-NOV-2019					20-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	35	4400	2	1	0	0	223	2763	0	0	0	0	155	3075	0	0
Wind (MW)	1024	932	888	674	676	640	661	759	915	1187	1355	1413	1452	1502	1738	1875	1886
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	352	401	2382	864	1063	1058	1055	1252	5595	804	754	717	692	942	4425	1085	1328



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A cold and frosty start for many areas with some dense fog patches slow to clear across central and south-eastern England. Remaining dry with sunny spells in the east, but cloudier in the west with outbreaks of rain arriving.</p> <p>Tonight: Patchy frost and fog in the east, and possibly in the west of Northern Ireland, but cloudier and windier for other western parts with further rain at times.</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 fog Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>Flood Warning: 105 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