

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Friday 22 November 2019

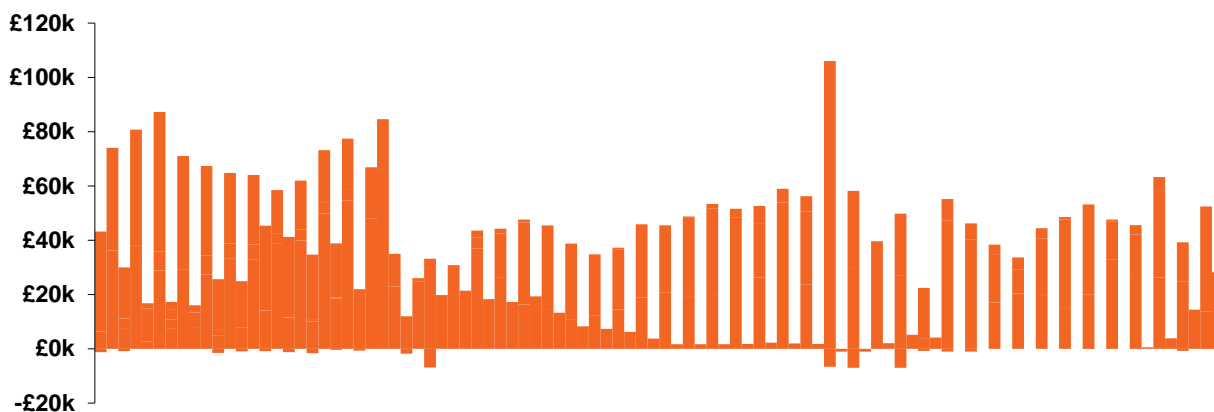
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	4640.65 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend

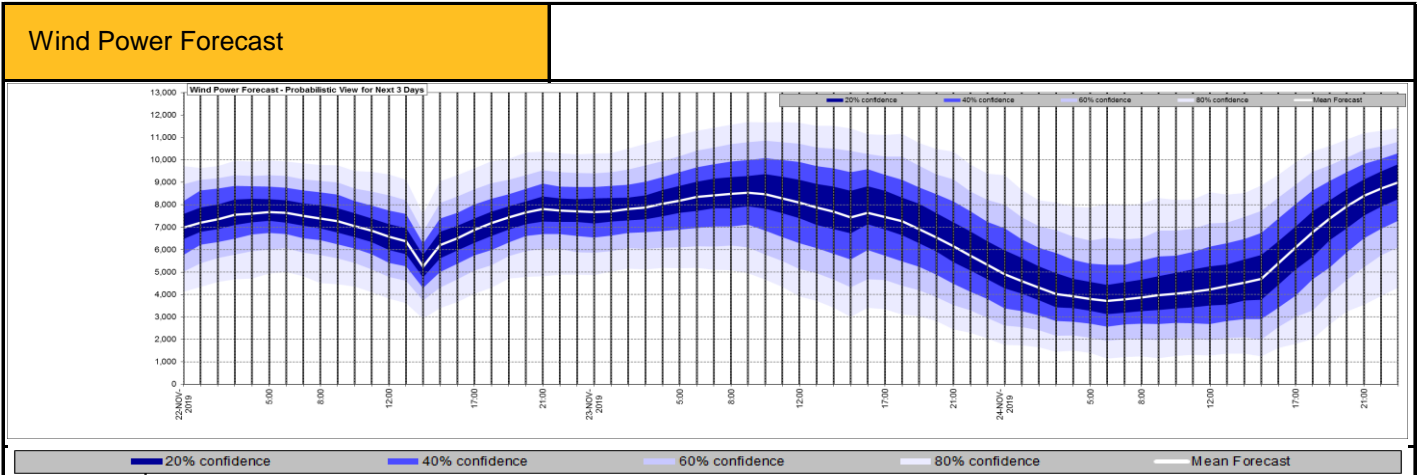
Total: £3136k



Yesterday's Market Summary

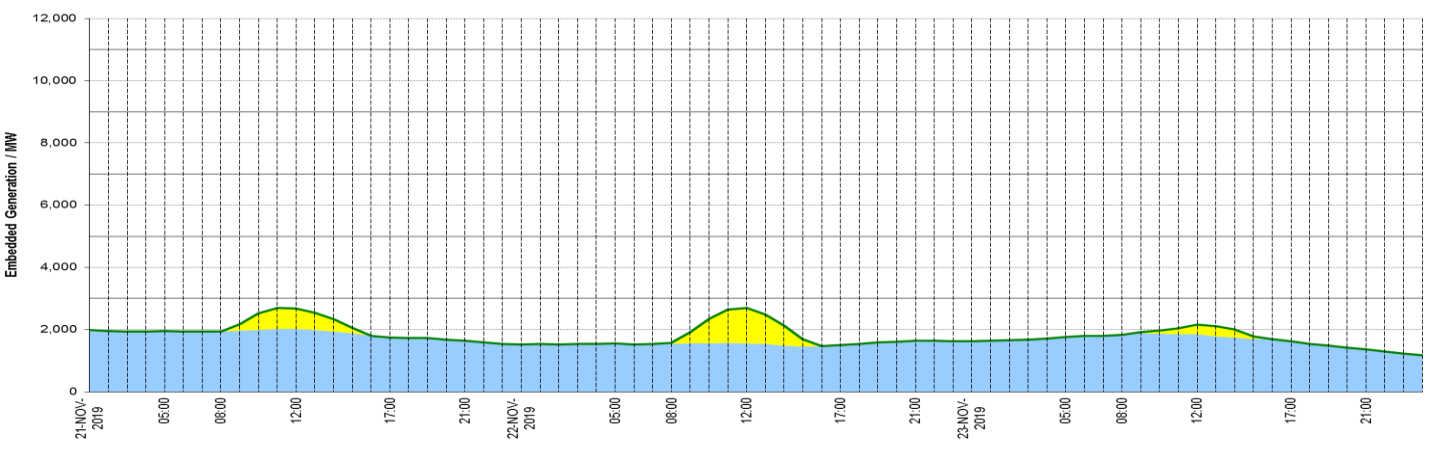
Cash out price (Max)	£85.00/MWh (SP 32, 33, 35)
Cash Out Price (Min)	£2.50/MWh (SP 8)
Peak Demand Yesterday	45,047 MW

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	3	655	0	0	0	0	34	1137	0	0	0	0	0	310	0	0	
Wind (MW)	1949	1932	2016	1750	1644	1500	1548	1540	1552	1510	1647	1625	1757	1824	1845	1619	1361	
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (MW)	1949	1935	2671	1750	1644	1517	1548	1574	2689	1510	1647	1625	1757	1824	2155	1619	1361	



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Bands of rain and showers moving northwards to affect many parts through the day. Heaviest and most persistent rain likely in the southwest. Brightest across northwest Scotland. Temperatures close to the late November average but feeling chilly in brisk winds.</p> <p>Tonight: Further rain moving northwards across many areas. Perhaps a touch of frost across northwest Scotland, otherwise milder than recent nights.</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: London & South East England South West England</p> <p>Flood Warning: 51 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