

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 20 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	7016.01 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

Last 24 hours' BM spend

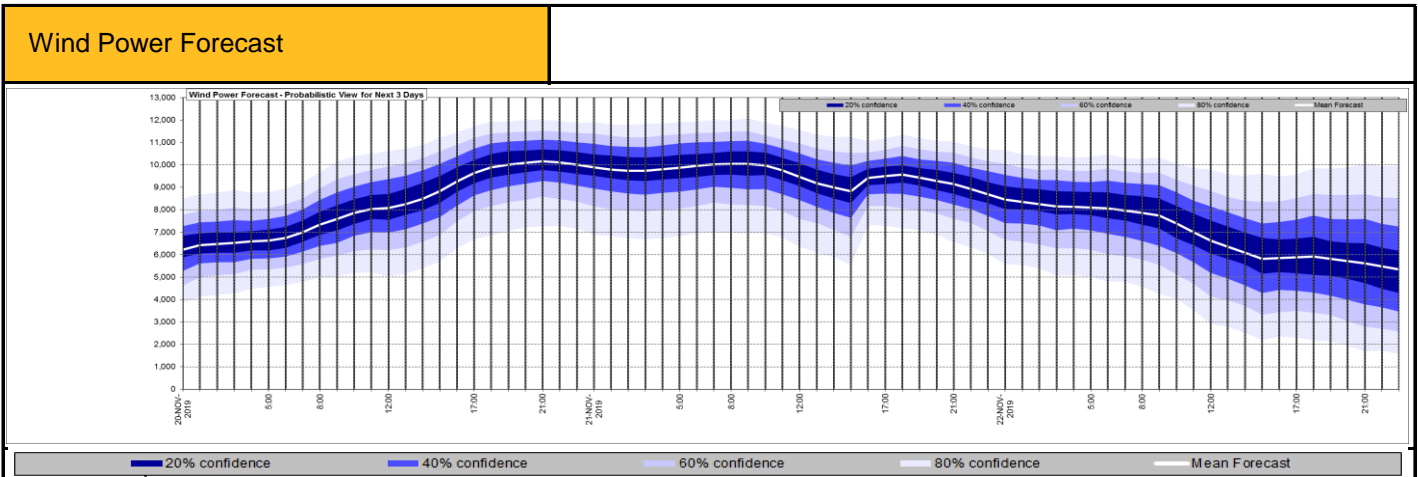
Total: £899k



Yesterday's Market Summary

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

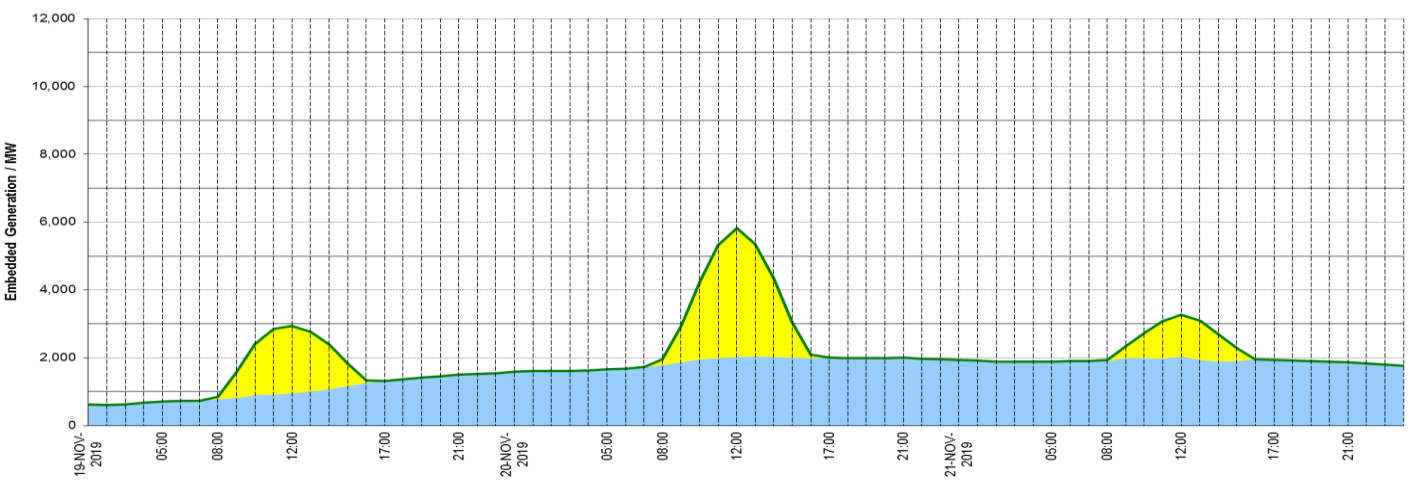
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available



Expected embedded generation (MWs)

Embedded Generation Forecast

	#####					####					#####						
	19-NOV-2019					20-NOV-2019					21-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	74	2000	2	0	0	0	162	3793	0	0	0	0	35	1223	0	0
Wind (MW)	704	771	944	1320	1501	1595	1659	1789	2028	2001	1999	1942	1892	1905	2039	1940	1869
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	704	845	2944	1322	1501	1595	1659	1951	5821	2001	1999	1942	1892	1940	3262	1940	1869



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Western areas often cloudy with occasional rain, heavy for a time in the morning for Cornwall and Northern Ireland. Mostly dry and bright elsewhere. Feeling cold in brisk southeasterly winds.</p> <p>Tonight: Breezy and cloudy for most. Chilly, but frost mainly limited to high ground. Further rain arriving into the far southwest.</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</p> <p>Flood Warning: 83 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