

**National Electricity
Transmission System Status Report**



national**grid**ESO

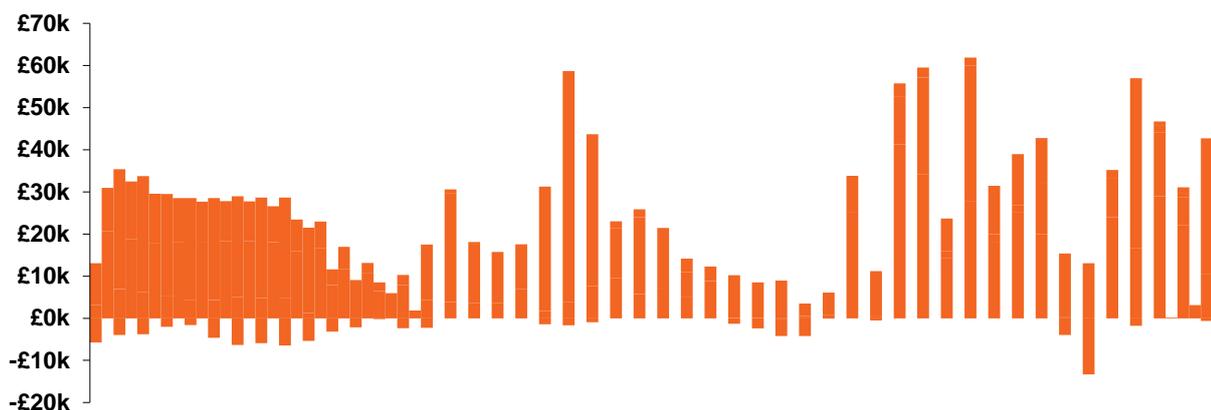
National Electricity Transmission System Status Report
Wednesday 16 October 2019

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

System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

General Status / Issues / Breaking News

Last 24 hours' BM spend **Total: £1510k**



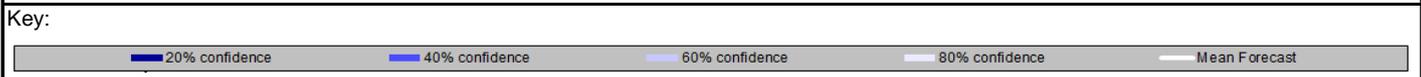
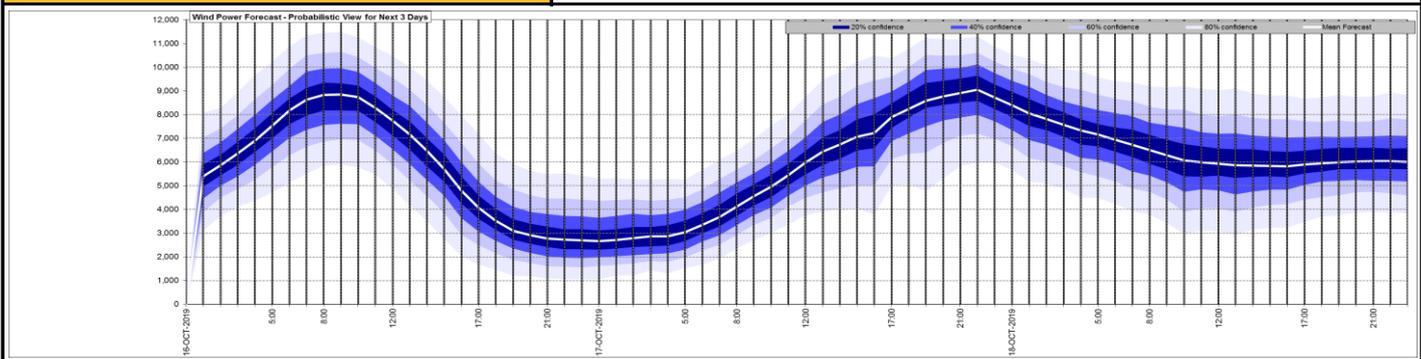
Yesterday's Market Summary

Cash out price (Max)	£94.63/MWh (SP 38)
Cash Out Price (Min)	£9.00/MWh (SP 14)
Peak Demand Yesterday	40,043 MW

Interconnectors
Net Transfer Capacity (MWs)

Today	Import	Export	
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Pole 1 fault 15/10/19
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.

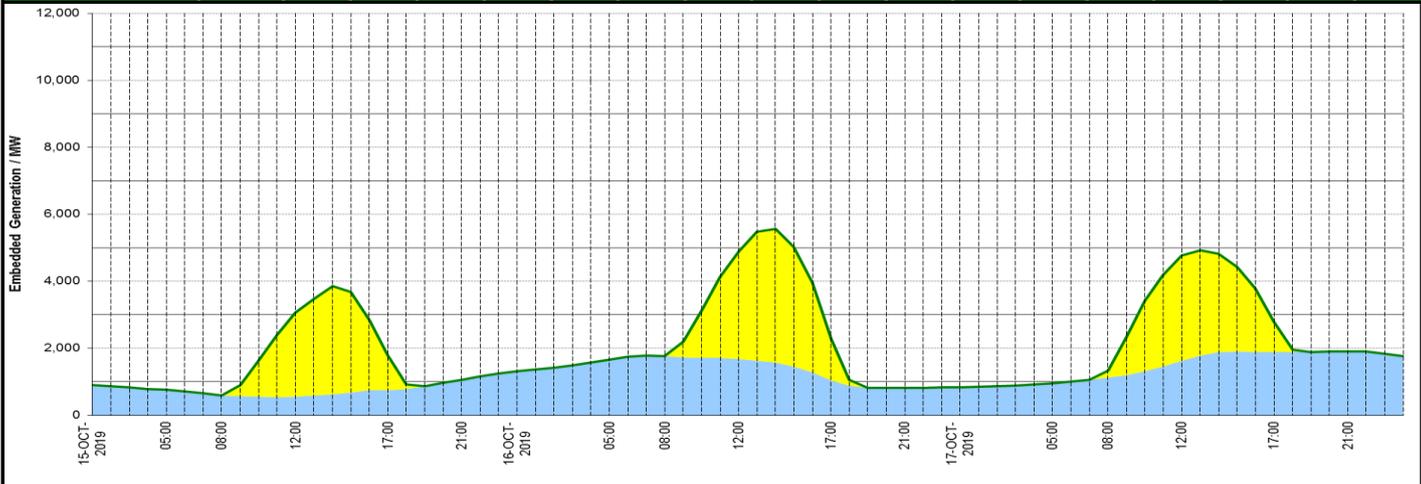
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-OCT-2019					16-OCT-2019					17-OCT-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	6	2510	1060	0	0	0	0	3202	1243	0	0	0	212	3152	896	0
Wind (MW)	761	588	556	745	1062	1311	1661	1755	1680	1039	817	839	945	1127	1619	1882	1900
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	761	594	3066	1805	1062	1311	1661	1755	4882	2282	817	839	945	1339	4771	2778	1900



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Many areas starting cloudy with rain, heavy in places. Brighter skies across Northern Ireland and parts of southwest Britain following to all but parts of southeast England and northeast Scotland. Scattered showers will affect Northern Ireland and western Scotland.</p> <p>Tonight: Remaining rain clearing, leaving many areas clear and rather chilly; a few fog patches in the north and east. Showers in parts of the west will tend to turn heavier</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No weather warnings are in force for the UK</p> <p>Flood Warning: There are 65 Flood Warnings issued for 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