

**National Electricity
Transmission System Status Report**



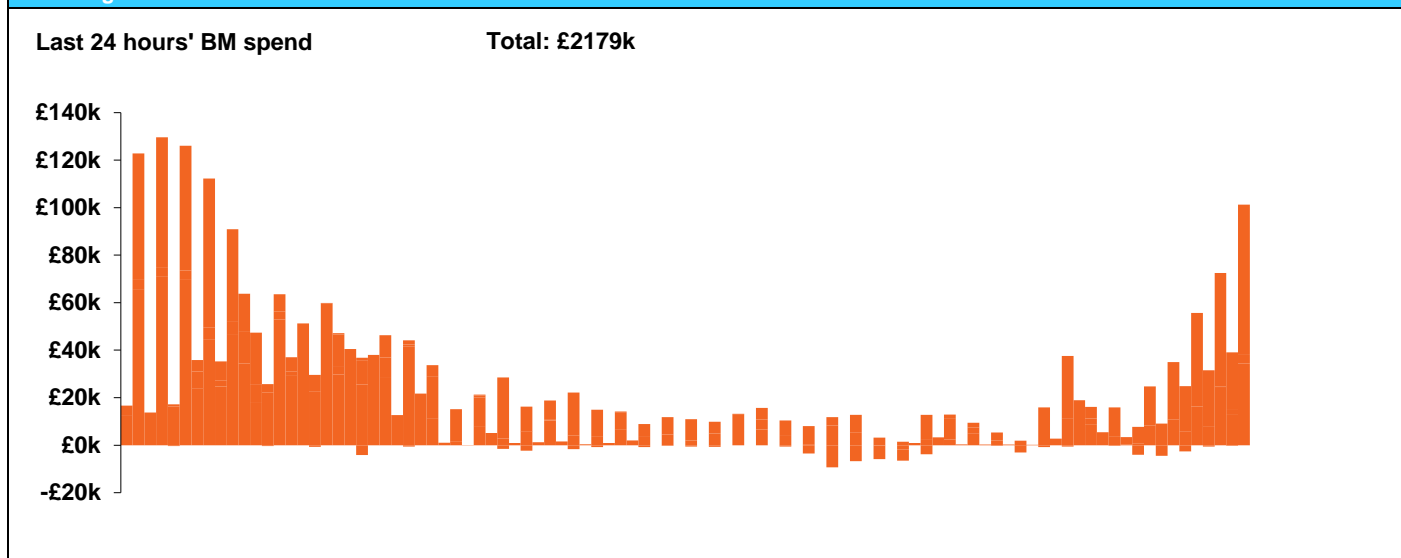
national**grid**ESO

National Electricity Transmission System Status Report
Friday 06 September 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	11662 (SP 41)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

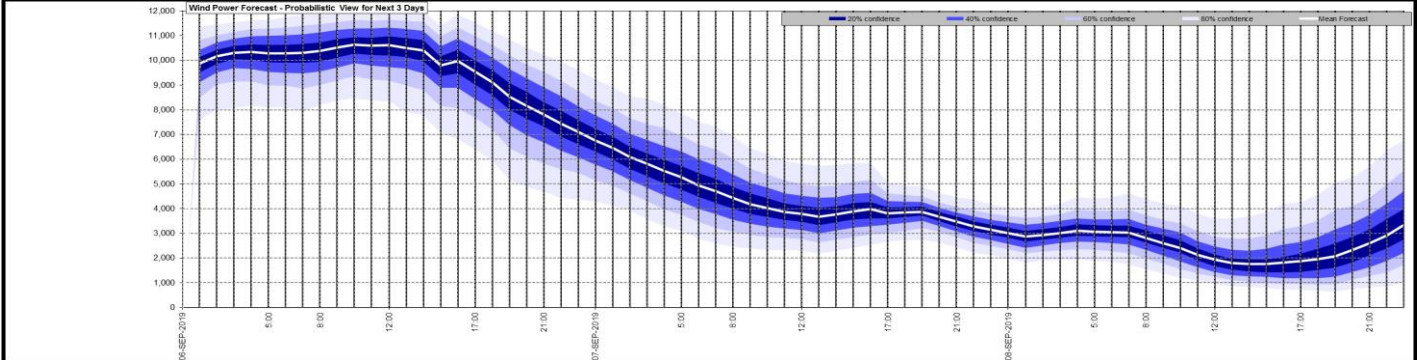
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£100.00/MWh (SP 41)
Cash Out Price (Min)	£-3.00/MWh (SP 48)
Peak Demand Yesterday	32,339 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	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.

Wind Power Forecast



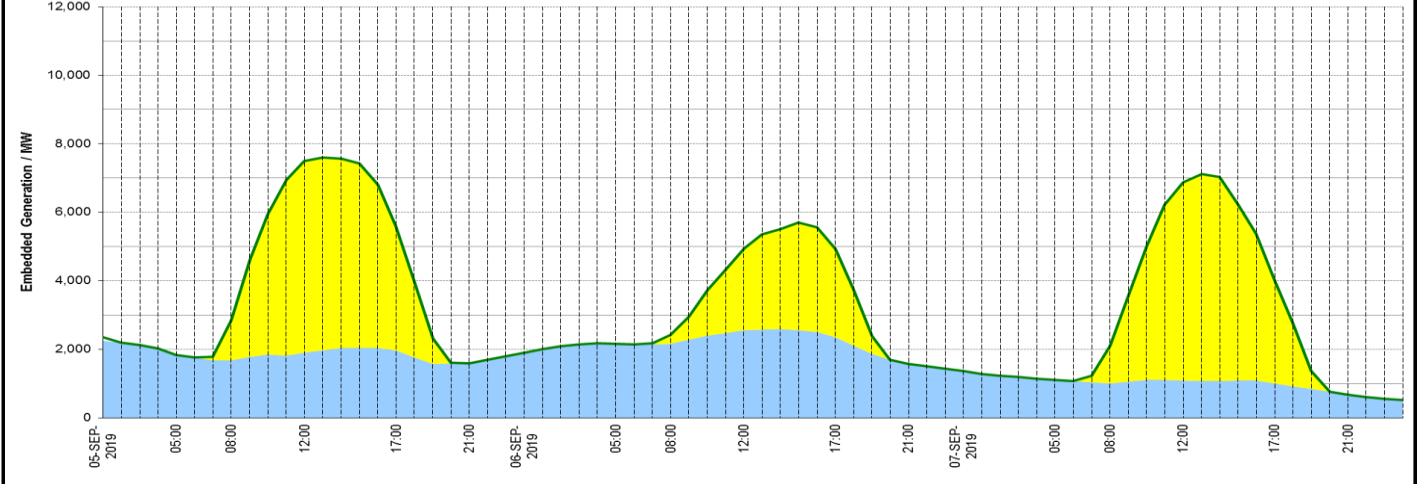
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	05-SEP-2019					06-SEP-2019					07-SEP-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	1170	5600	3640	1	0	0	245	2398	2571	0	0	0	1108	5790	3012	0
Wind (MW)	1841	1684	1898	1964	1597	1910	2157	2168	2550	2359	1573	1367	1115	996	1084	1002	673
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1841	2854	7498	5604	1598	1910	2157	2413	4948	4930	1573	1367	1115	2104	6874	4014	673



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>A windy day, especially in the north, with a band of cloud and rain moving southeastwards and reaching southern England toward the end of the afternoon. Sunny spells and scattered, occasionally heavy, showers follow behind. Feeling cool in the wind.</p> <p>Tonight:</p> <p>Rain across southern England will clear quite quickly to leave a largely dry night, with an isolated shower risk, mainly for coastal areas. Turning chilly under clear skies.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: No warnings</p> <p>Flood Warnings: None</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