

**National Electricity
Transmission System Status Report**



national**grid**ESO

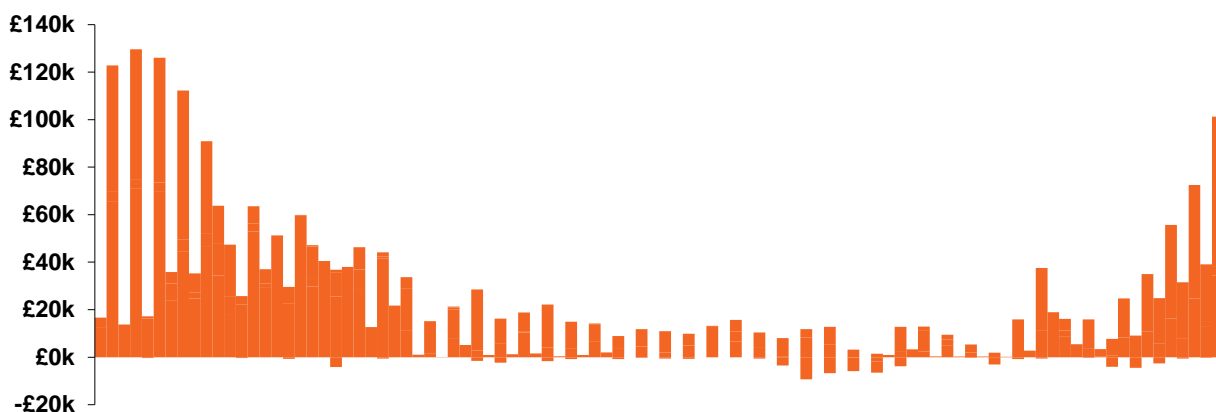
National Electricity Transmission System Status Report
Sunday 08 September 2019

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	7624 (SP 41)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

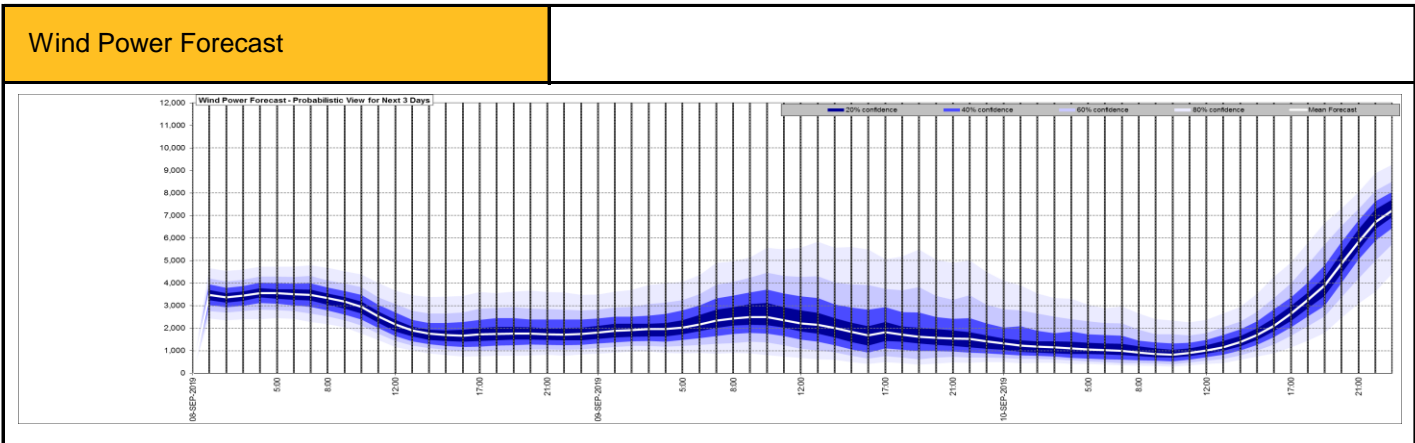
Last 24 hours' BM spend Total: £2179k



Yesterday's Market Summary

Cash out price (Max)	£57.25/MWh (SP 18,17)
Cash Out Price (Min)	£-5.10/MWh (SP2 & SP3)
Peak Demand Yesterday	31,011 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.



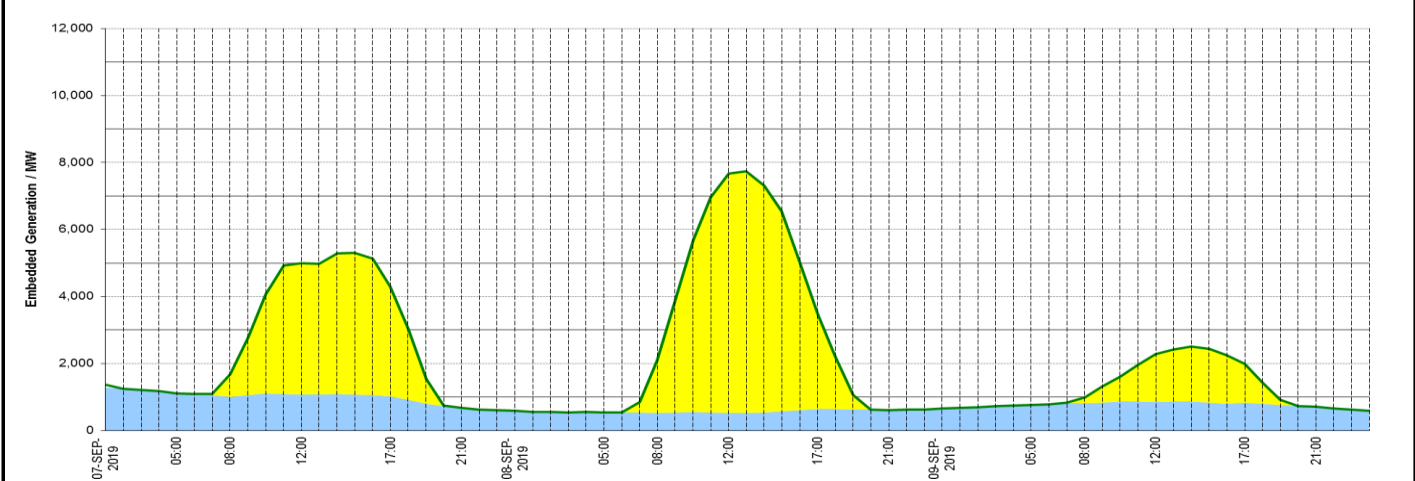
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	07-SEP-2019					08-SEP-2019					09-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	678	3920	3280	2	0	0	1559	7157	2838	0	0	0	177	1433	1159	0
Wind (MW)	1109	1006	1068	1019	672	582	542	528	515	636	613	655	760	812	856	833	705
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1109	1684	4988	4299	674	582	542	2087	7672	3474	613	655	760	989	2289	1992	705



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: After a chilly start, it will be a dry and fine day for most with sunny spells. A few showers could affect coastal parts of East Anglia. Cloud and rain will slowly spread across western Scotland and Northern Ireland.</p> <p>Tonight: Rain across the northwest spreading eastwards, turning heavy and persistent, to affect Northern Ireland, Scotland, Wales and western England. Drier further east. Chilly in the far east but milder elsewhere.</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