

**National Electricity
Transmission System Status Report**

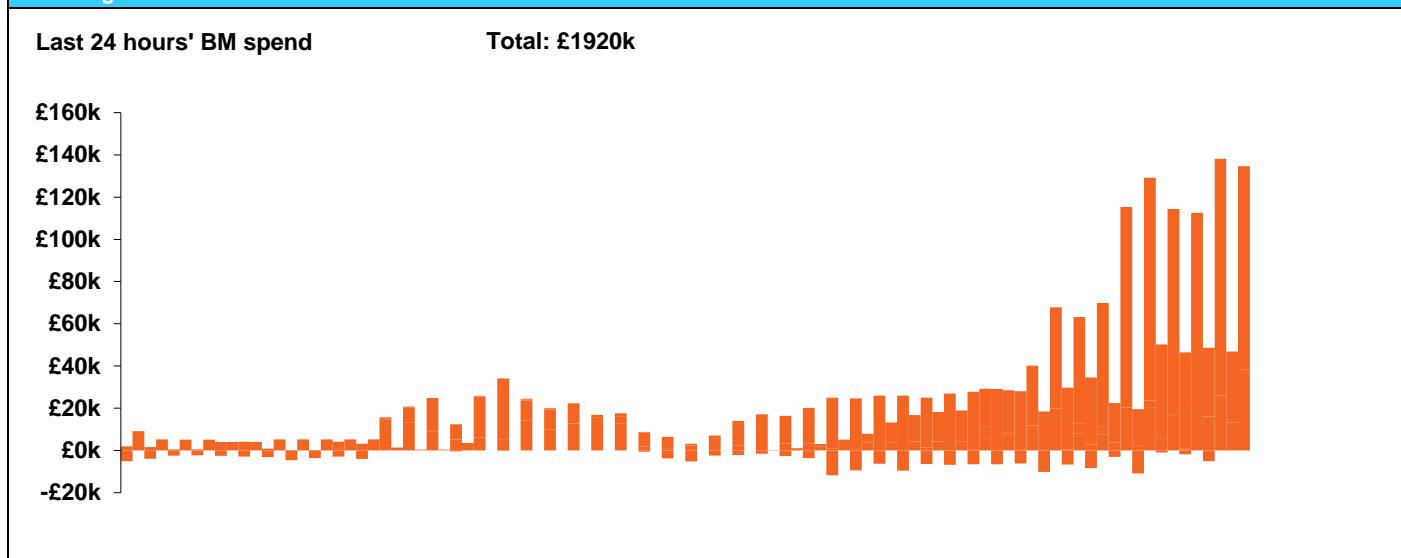


National Electricity Transmission System Status Report
Wednesday 11 September 2019

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	8954.26 (SP 41)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

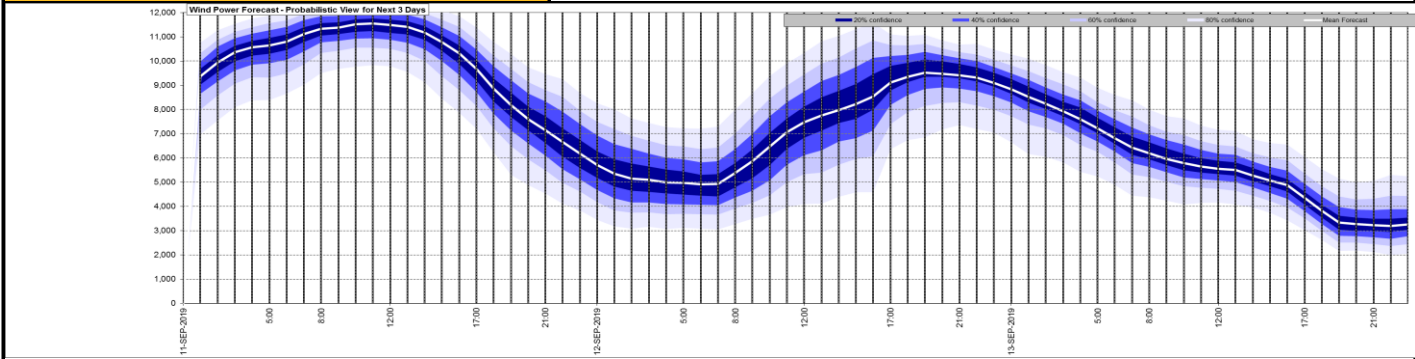
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£65.00/MWh (SP 17,20,21,22)
Cash Out Price (Min)	£00.00/MWh (SP 48)
Peak Demand Yesterday	34,649 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



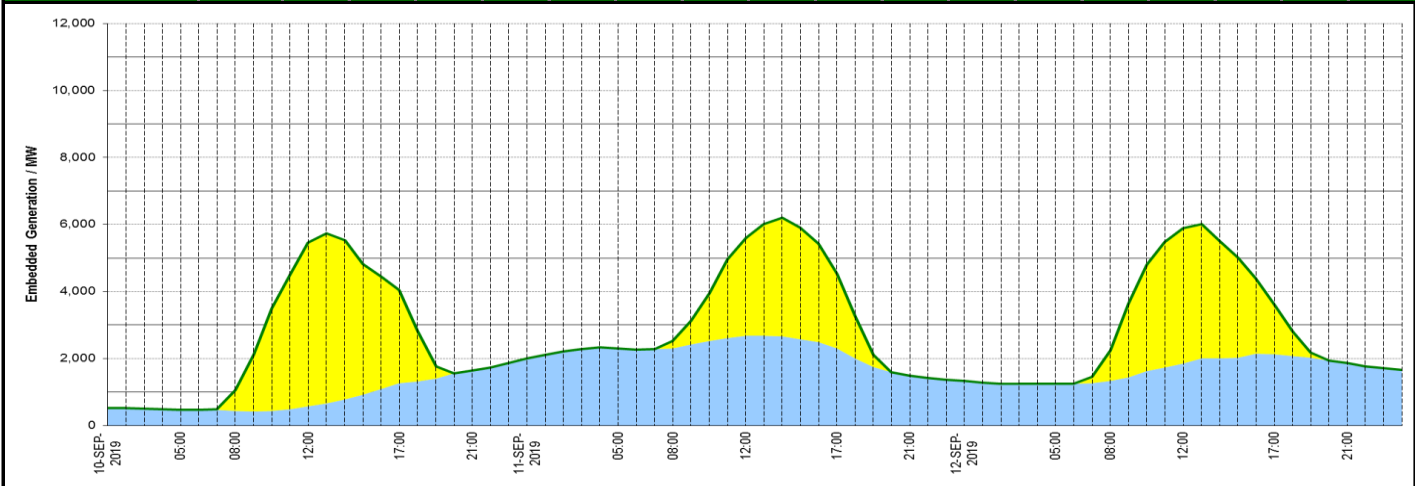
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	10-SEP-2019					11-SEP-2019					12-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	634	4890	2780	1	0	0	219	2923	2225	0	0	0	918	4035	1481	0
Wind (MW)	465	428	570	1267	1644	2000	2299	2304	2670	2297	1482	1329	1240	1326	1852	2125	1859
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	465	1062	5460	4047	1645	2000	2299	2523	5593	4522	1482	1329	1240	2244	5887	3606	1859



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud and rain will gradually clear southwards from England and Wales, leaving warm sunny spells for all but the far south in the afternoon. Strong winds and blustery showers will continue in the north.</p> <p>Tonight: Evening showers in the north will ease, leaving a dry night with clear spells for most. Further rain will move into northwest Scotland before dawn. The north will stay windy.</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 Warnings: No flood warnings are currently in force</p>

Contains public sector information licensed under the Open Government Licence v1.0

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