

**National Electricity
Transmission System Status Report**

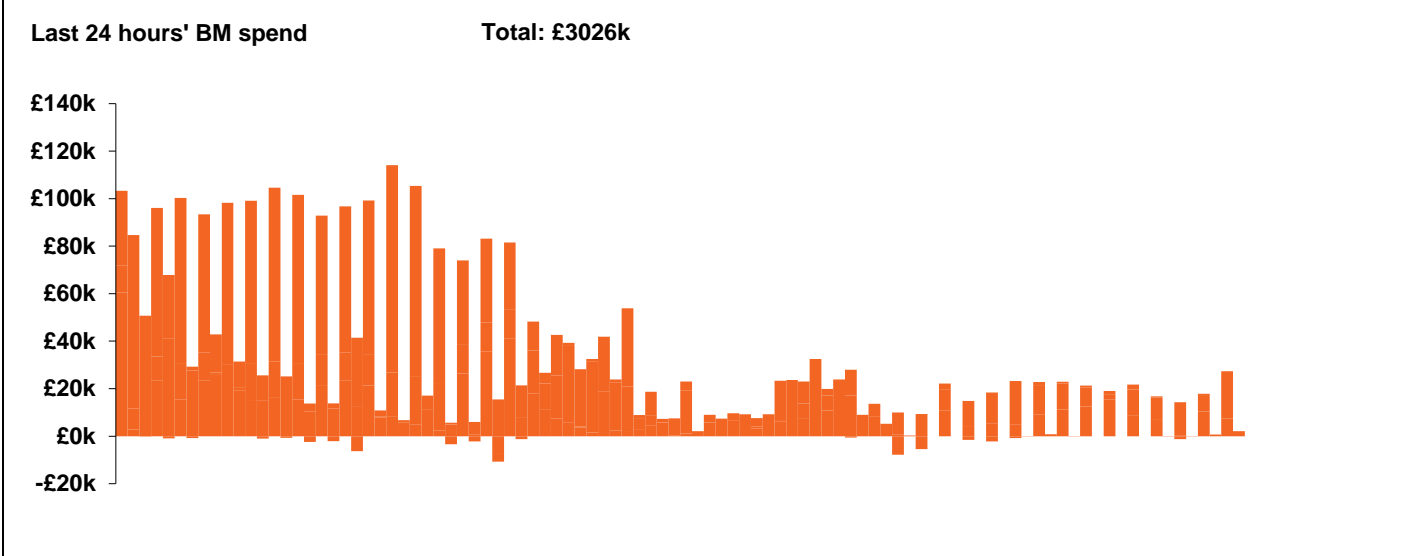


National Electricity Transmission System Status Report
Tuesday 02 July 2019

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

Today's Minimum De-Rated Margin	9690.37 MW (SP 45)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

Balancing Costs

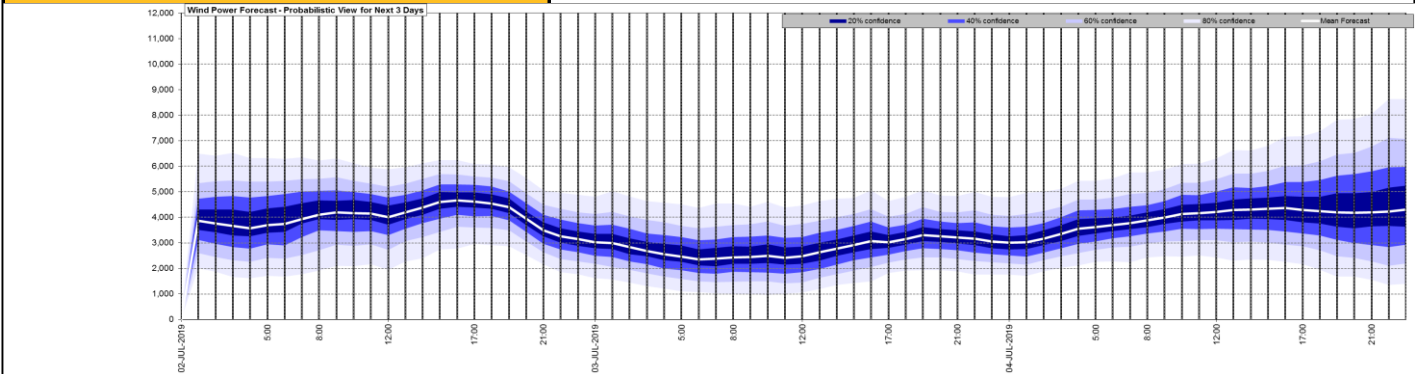


Yesterday's Market Summary

Cash out price (Max)	£67.95/MWh (SP20, SP40-42)
Cash Out Price (Min)	£5.00/MWh (SP2, 4, 10 & 15-17)
Peak Demand Yesterday	30,552 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



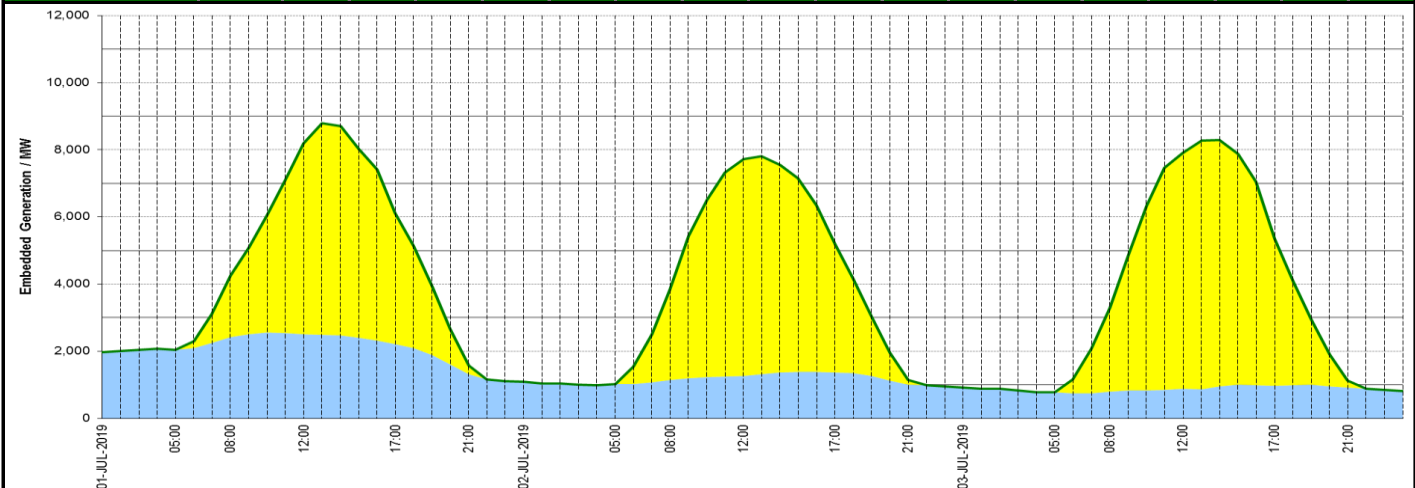
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	01-JUL-2019					02-JUL-2019					03-JUL-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)	3	1820	5680	3900	254	2	16	2696	6459	3810	143	0	0	2495	7027	4398	209
Wind (MW)	2044	2427	2509	2218	1321	1081	1013	1141	1269	1371	996	915	776	797	879	961	921
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2047	4247	8189	6118	1575	1083	1029	3838	7727	5180	1139	915	776	3292	7906	5359	1130



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A cool start in places, then a largely fine and warm day with sunny spells and generally light winds. Isolated showers will affect northwest England, Northern Ireland and especially Scotland, however these gradually becoming confined to northeast Scotland.</p> <p>Tonight: Largely dry and clear overnight allowing it to turn chilly in places. Cloud will thicken across the northwest later with rain reaching the Western Isles and northwest Highlands later.</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 for England and Wales</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