

**National Electricity
Transmission System Status Report**



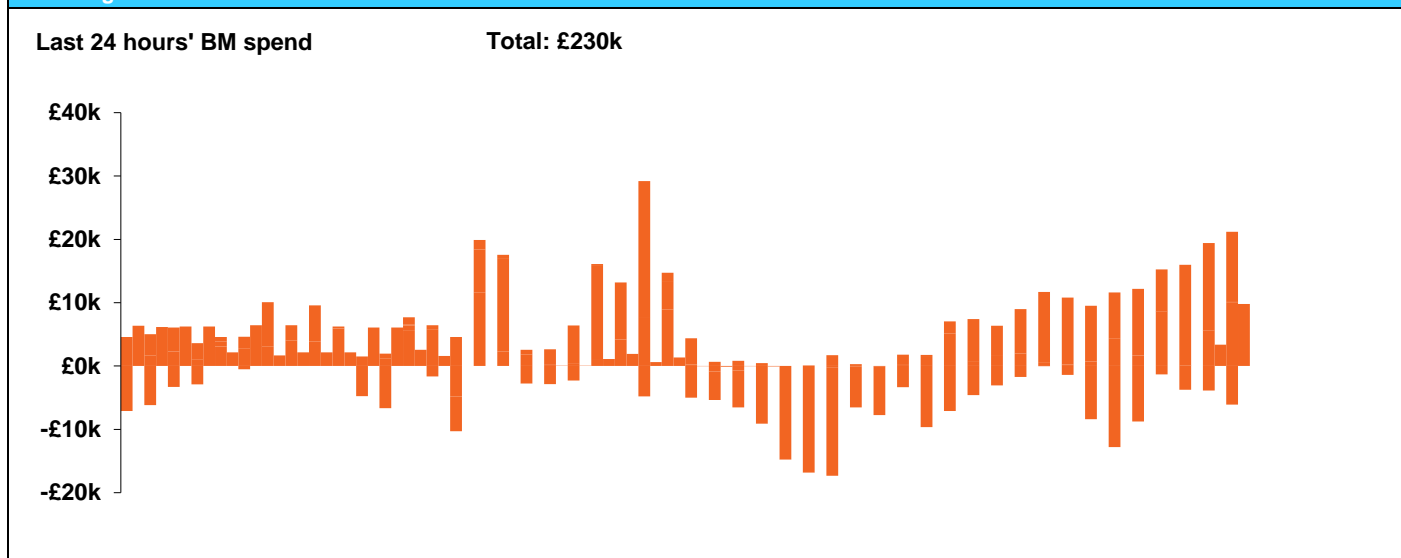
national**grid**ESO

National Electricity Transmission System Status Report
Thursday 04 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

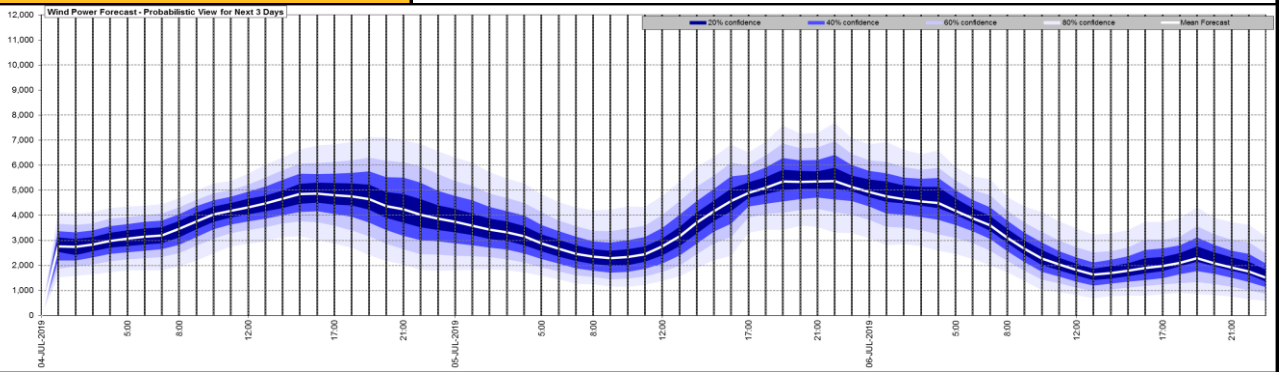


Yesterday's Market Summary

Cash out price (Max)	£83.50/MWh (SP23)
Cash Out Price (Min)	£00.04/MWh (SP28-30)
Peak Demand Yesterday	32,713 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



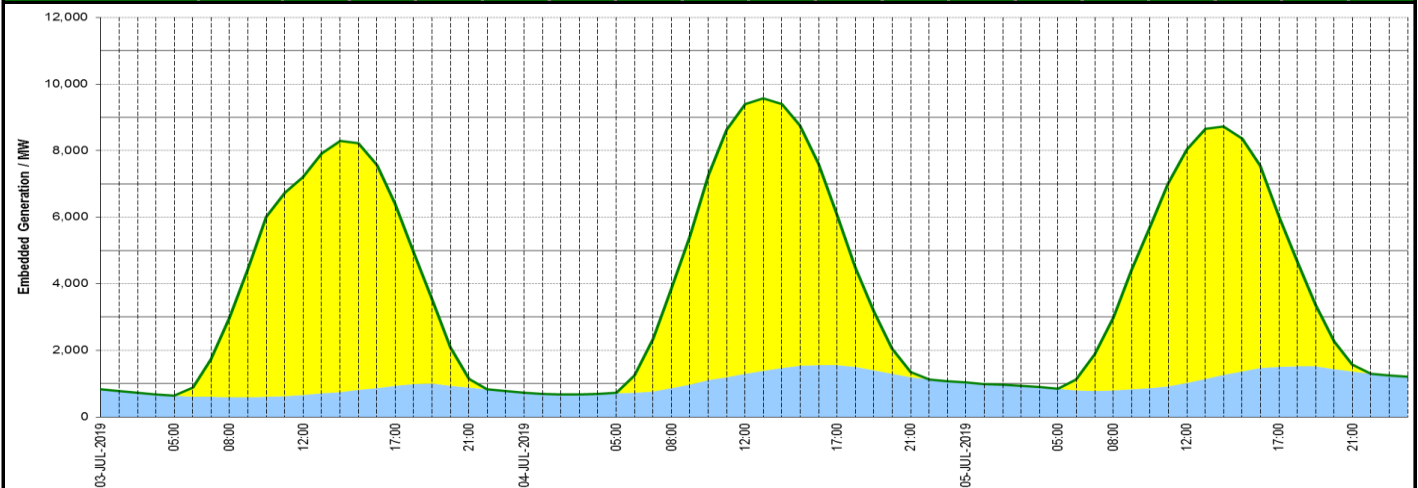
Key:

20% confidence	40% confidence	60% confidence	80% confidence	Mean Forecast
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Expected embedded generation (MWs)

Embedded Generation Forecast

	03-JUL-2019					04-JUL-2019					05-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	2400	6550	5470	263	0	13	2973	8097	4495	158	0	0	2192	7024	4524	207
Wind (MW)	635	584	660	938	885	735	716	859	1291	1556	1188	1038	846	798	1013	1508	1360
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	638	2984	7210	6408	1148	735	729	3832	9388	6051	1346	1038	846	2990	8037	6032	1567



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloudy and breezy across Scotland with outbreaks of rain in the north edging slowly south through the day. Cloudy but largely dry across Northern Ireland and the far north of England. A dry and warm day elsewhere with sunny periods.</p> <p>Tonight: Occasional rain continues across Scotland overnight, perhaps spreading into Northern Ireland by morning. Elsewhere it will be dry with clear spells, with some short lived mist in places around dawn.</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