

**National Electricity
Transmission System Status Report**



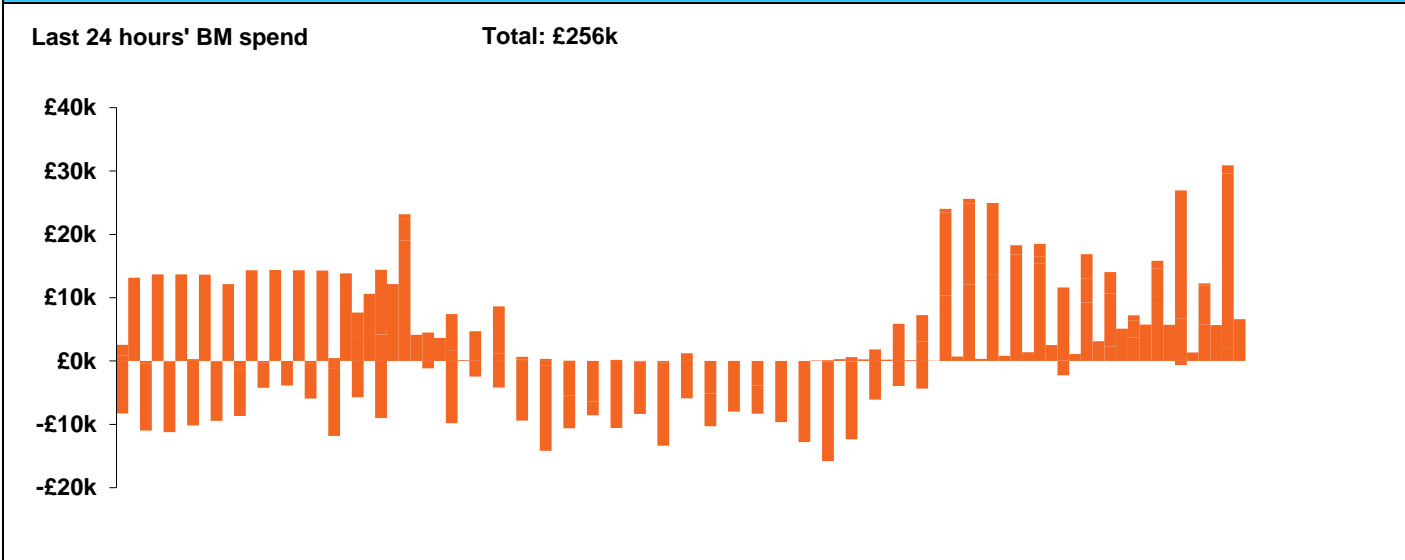
national**grid**ESO

National Electricity Transmission System Status Report
Saturday 29 June 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	9415.56 MW (SP37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1200MW
	Demand	560MW

Balancing Costs



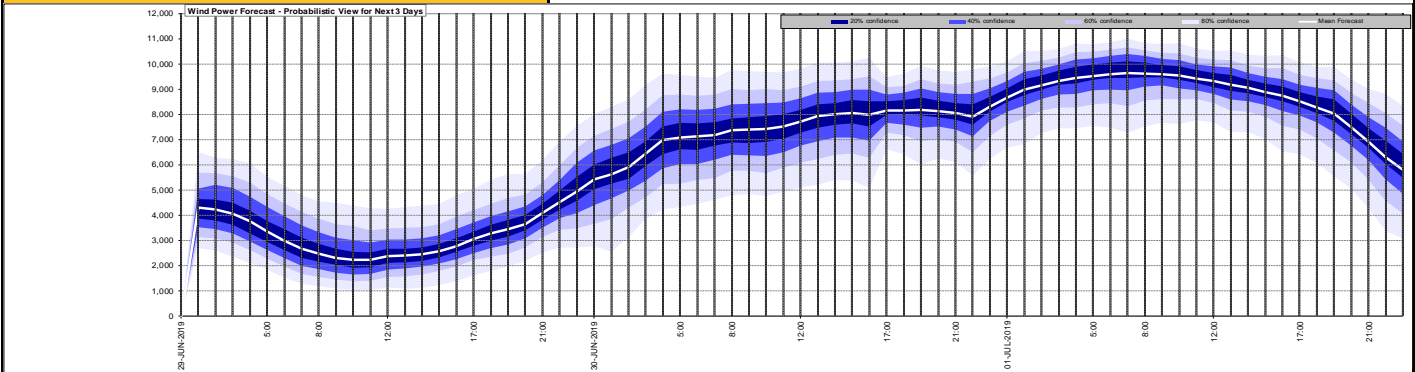
Yesterday's Market Summary

Cash out price (Max)	£71.00/MWh (SP 46)
Cash Out Price (Min)	£5.00/MWh (SP 21 & SP 27)
Peak Demand Yesterday	29,961 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

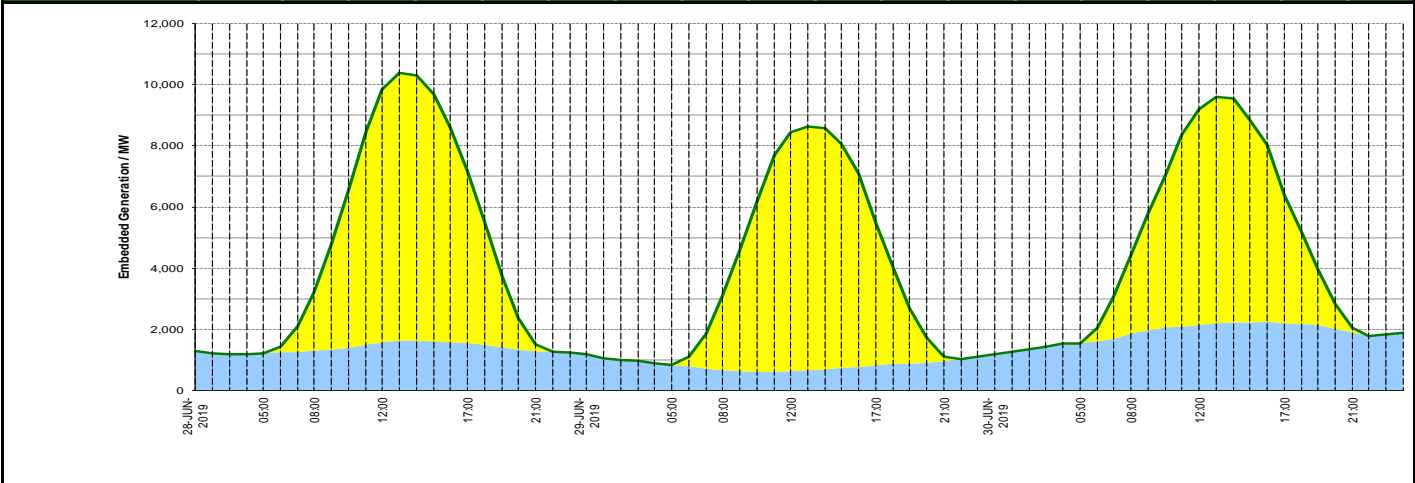


Key:
■ 20% confidence ■ 40% confidence ■ 60% confidence ■ 80% confidence — Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JUN-2019					29-JUN-2019					30-JUN-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)	1	1920	8280	5610	223	0	0	2436	7818	4657	150	0	0	2555	7050	4196	148
Wind (MW)	1223	1298	1565	1561	1278	1176	832	669	635	826	944	1174	1540	1860	2135	2200	1890
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1224	3218	9845	7171	1501	1176	832	3105	8453	5483	1094	1174	1540	4415	9185	6396	2038



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Hot and sunny across central, eastern and southeast England with some very high temperatures. Somewhat cloudier and cooler across the far west and northwest of the UK. A risk of a few thunderstorms across eastern Scotland and northeast England later.</p> <p>Tonight: Any thunderstorms will clear northeastern areas. Most places will be dry overnight, though some showers possible across the northwest. The southeast of England staying warm and humid, but fresher 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 weather warnings are in force for the UK</p> <p>Flood Warnings: None.</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