

**National Electricity
Transmission System Status Report**



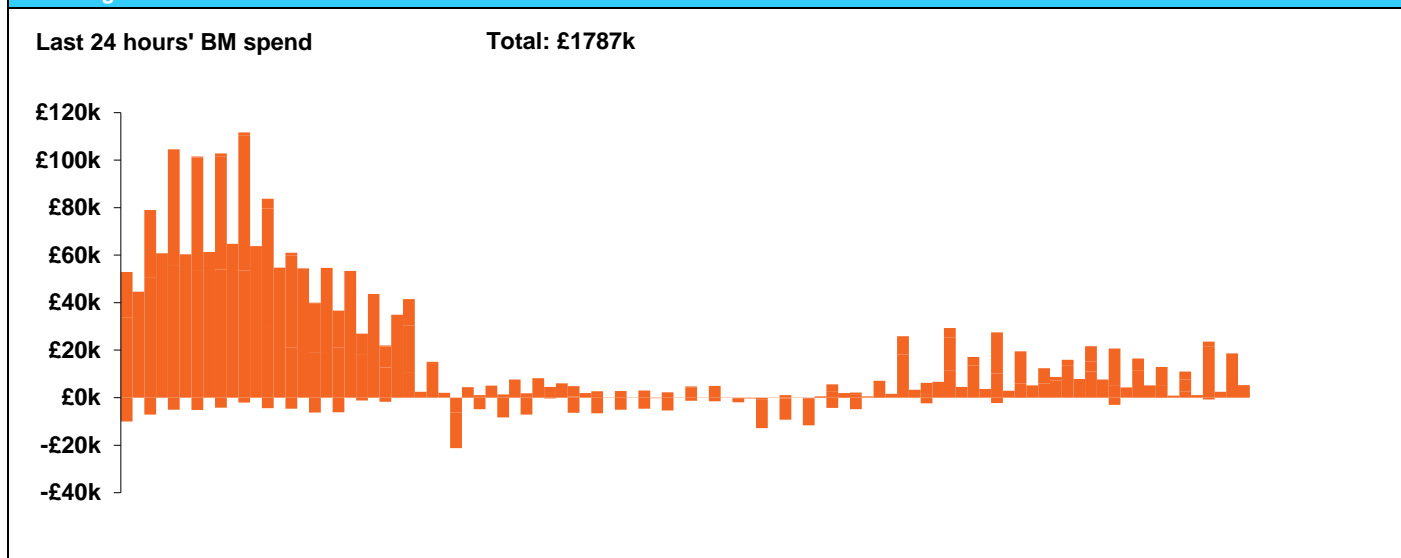
national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 18 June 2019

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

Today's Minimum De-Rated Margin	189.41MW (SP37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1060MW
	Demand	560MW

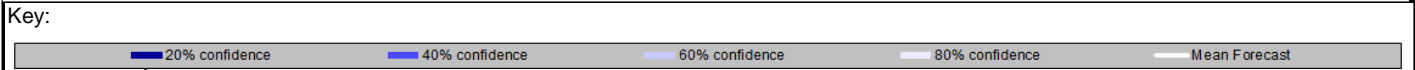
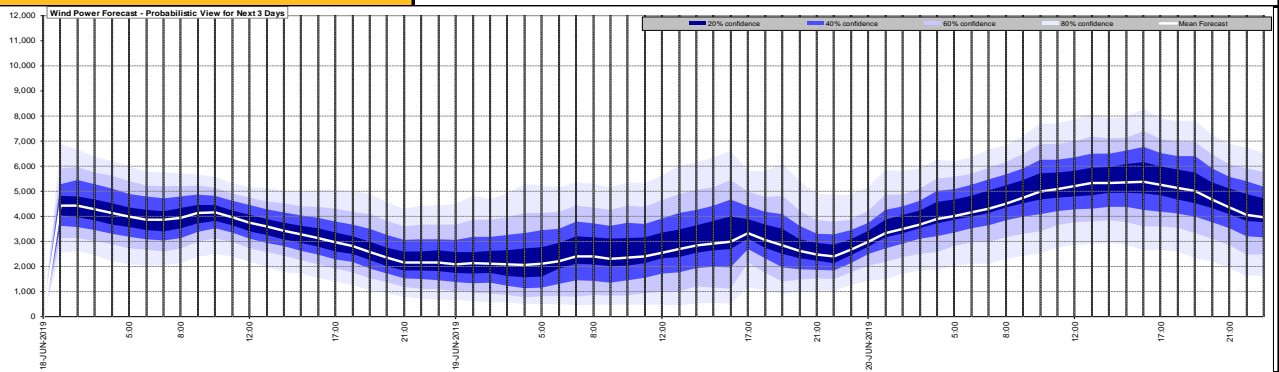
Balancing Costs



Yesterday's Market Summary	
Cash out price (Max)	£85.50/MWh (SP38)
Cash Out Price (Min)	£2.00/MWh (SP6)
Peak Demand Yesterday	32,369 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1000	1030	Fully available
France (IFA)	1000	1000	Partially available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	0	0	Planned outage

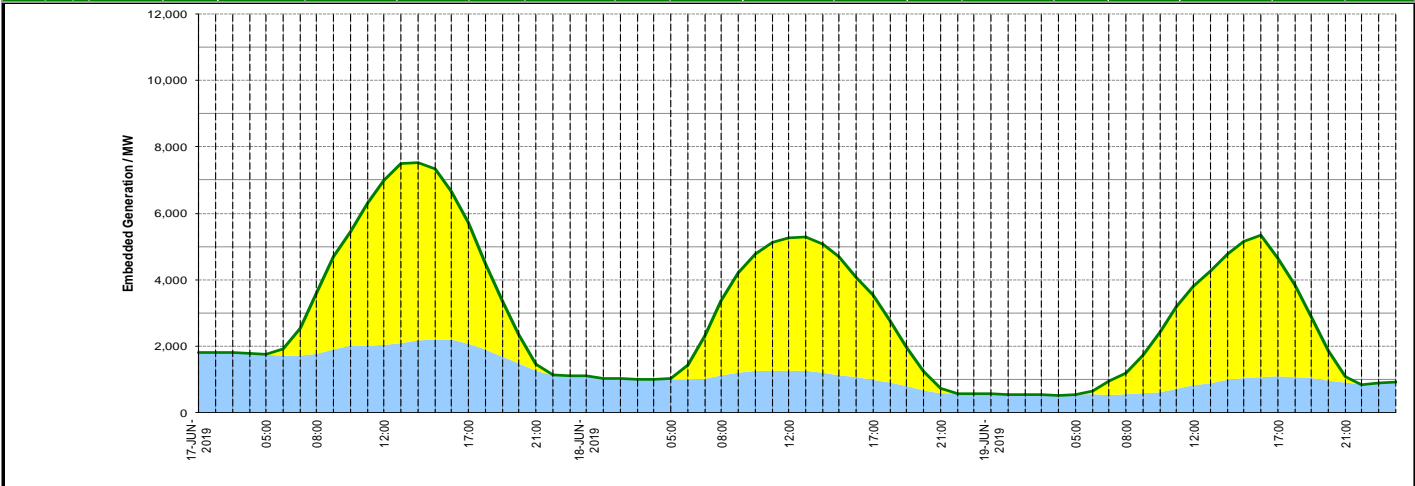
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-JUN-2019					18-JUN-2019					19-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)	3	1820	4930	3650	214	0	36	2261	4012	2542	125	0	0	642	2979	3542	196
Wind (MW)	1738	1777	2047	2057	1245	1104	981	1105	1255	988	588	556	537	548	818	1085	893
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1741	3597	6977	5707	1459	1104	1017	3367	5265	3531	713	556	537	1190	3797	4627	1089



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early rain in the northwest will change to sunny spells and blustery showers across Scotland and Northern Ireland. Cloud and showery rain in southwest England will move towards East Anglia. North Wales and northern England will be warm and bright.</p> <p>Tonight: Heavy thundery showers across southern and eastern England, with rain elsewhere in England and Wales. Showers in the far northwest too, but Northern Ireland and Scotland mostly staying dry.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather SEPA Natural Resources Wales	<p>Weather Warnings: Yellow warning of thunderstorms</p> <p>Areas affected: East Midlands East of England London & South East England South West England West Midlands Yorkshire & Humber</p> <p>Starts: 18:00 BST on Tue 18 June Ends: 21:00 BST on Wed 19 June</p> <p>Thunderstorms may develop bringing torrential rain, hail and lightning to a few places, with potential disruption to travel and flooding</p> <p>Flood Warnings: There are 22 Active Flood Warnings issued in England.</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