

**National Electricity
Transmission System Status Report**

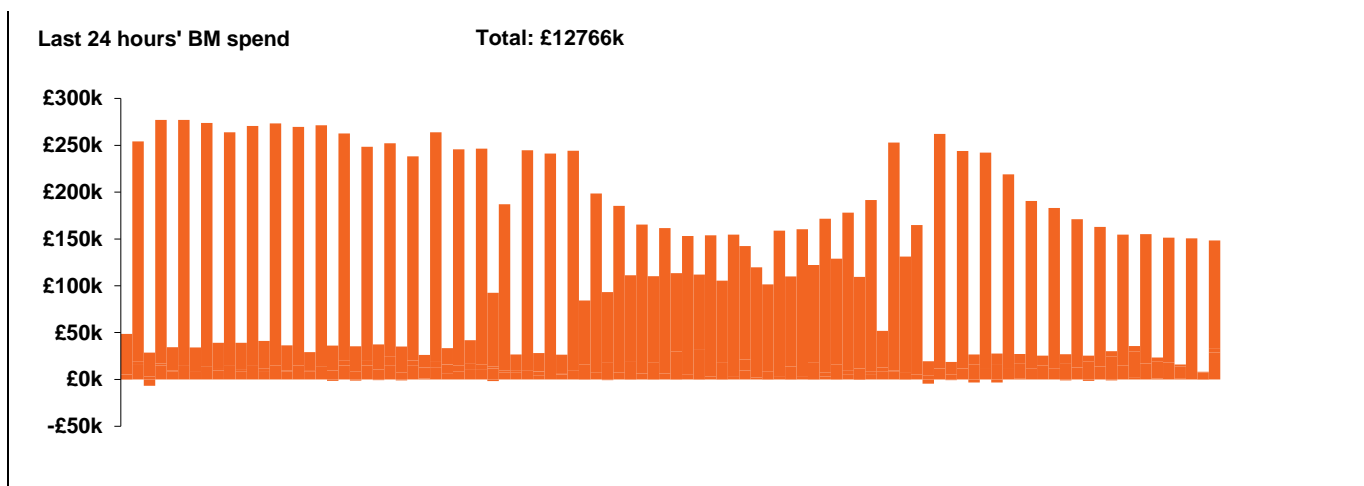


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 29 July 2020

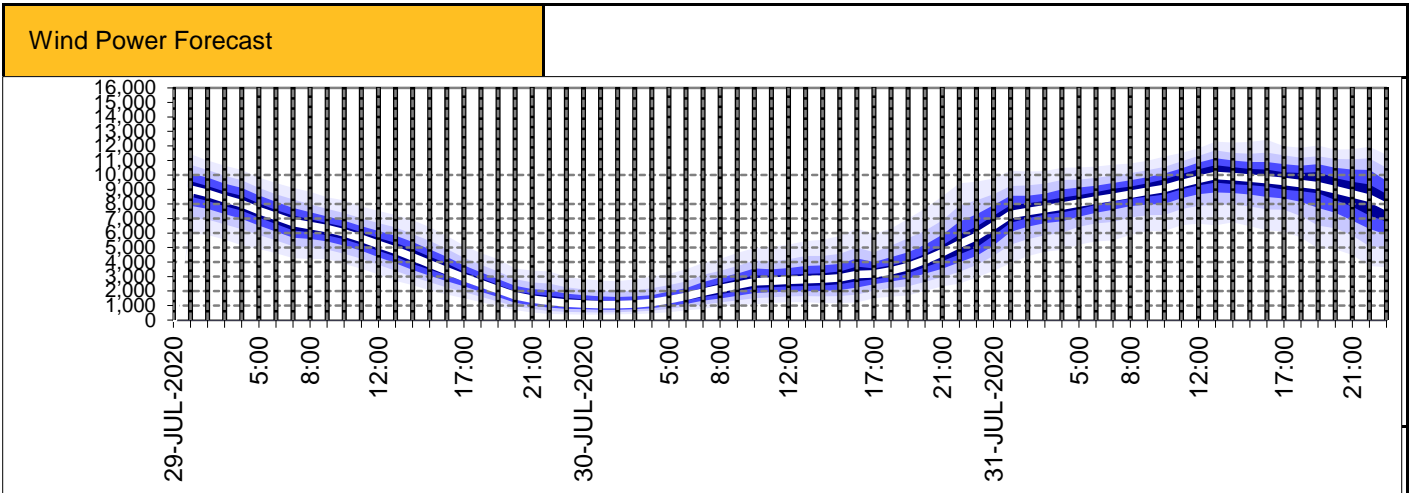
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	4063.42 (SP 39)		
System Warnings	None		
Current BMU Largest Loss Risk	Generation	1100 MW	
	Demand	560 MW	



Yesterday's Market Summary	
Cash out price (Max)	£47.00 (SP 38)
Cash Out Price (Min)	£-17.13 (SP 28)
Peak Demand Yesterday	27229 MW

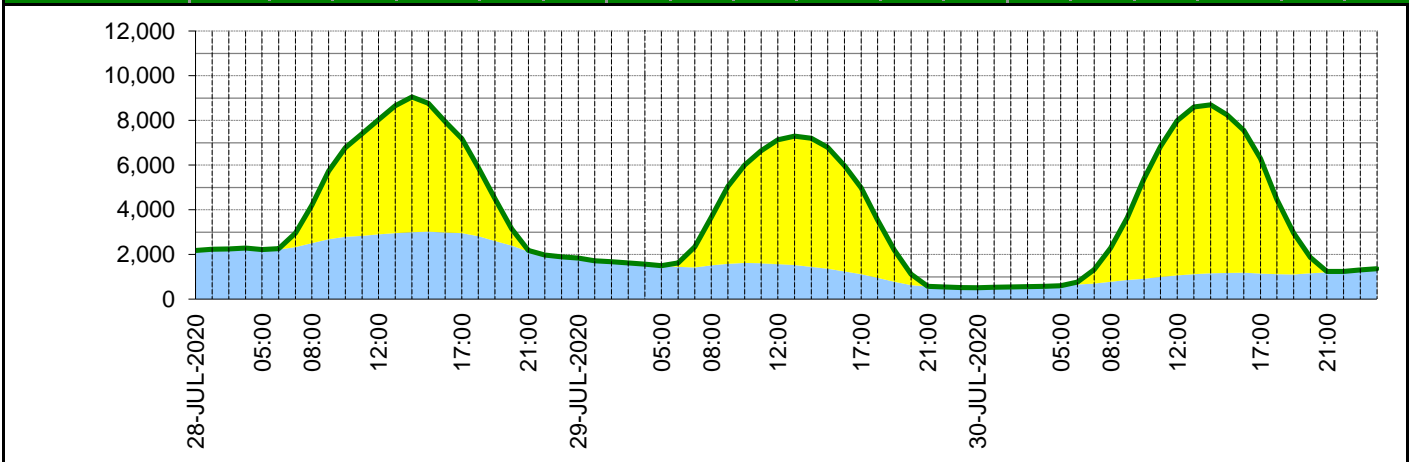
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully Available



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JUL-2020					29-JUL-2020					30-JUL-2020						
	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	1700	5130	4230	47	0	0	2154	5556	3871	19	0	0	1500	6928	5149	37
Wind (MW)	2213	2508	2895	2956	2127	1841	1491	1512	1568	1110	557	510	605	782	1064	1138	1200
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2213	4208	8025	7186	2174	1841	1491	3666	7124	4981	576	510	605	2282	7992	6287	1237



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain in the far east turning light and drizzly, then drying out. Rain reaches Northern Ireland later but elsewhere some sunshine.
		Tonight: Many areas fine with some clear spell but cloud and rain will affect some western and northwestern areas of the UK.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK UK Flood Warnings: No Flood warnings for the UK

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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