

**National Electricity
Transmission System Status Report**

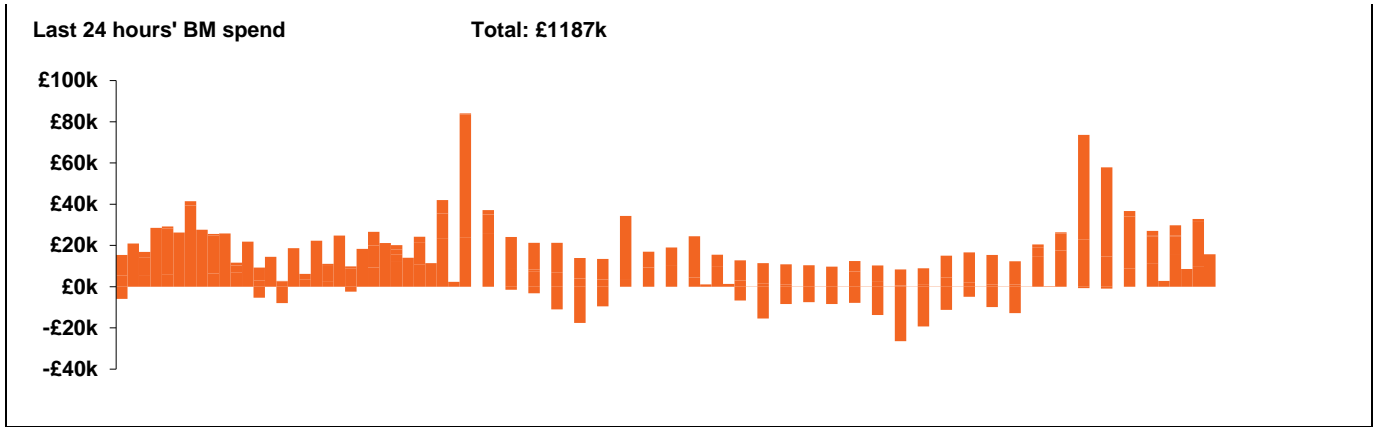


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 20 May 2021

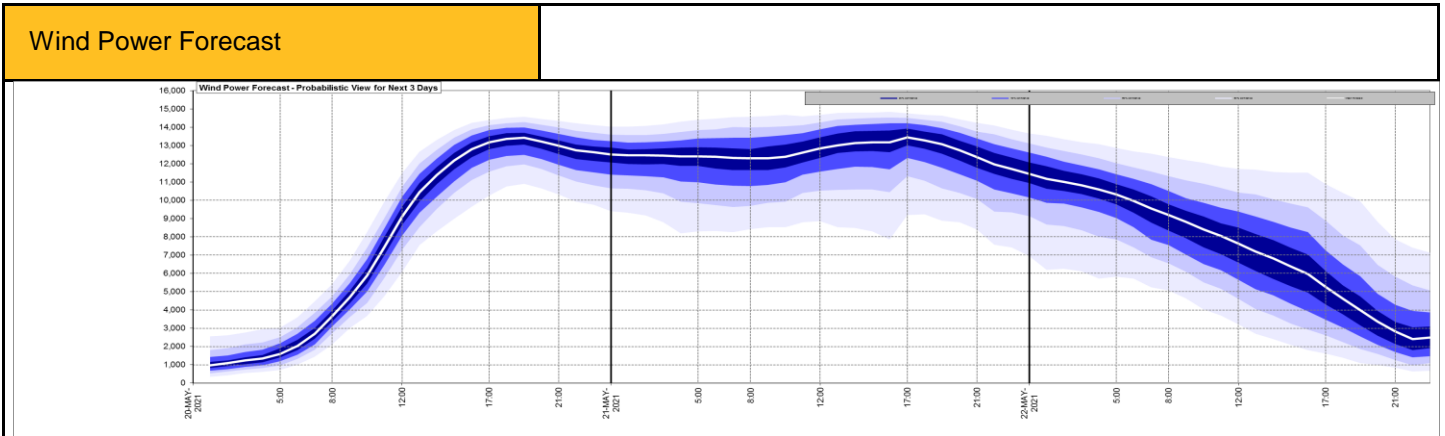
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	6585 (SP16)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£129.90 (SP16)
Cash Out Price (Min)	£51.62 (SP7)
Peak Demand Yesterday	33688MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Unavailable
France (IFA)	1500	1500	Fully available
France (IFA2)	1014	1014	Fully available
Belgium (Nemo)	1020	1020	Fully available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully available



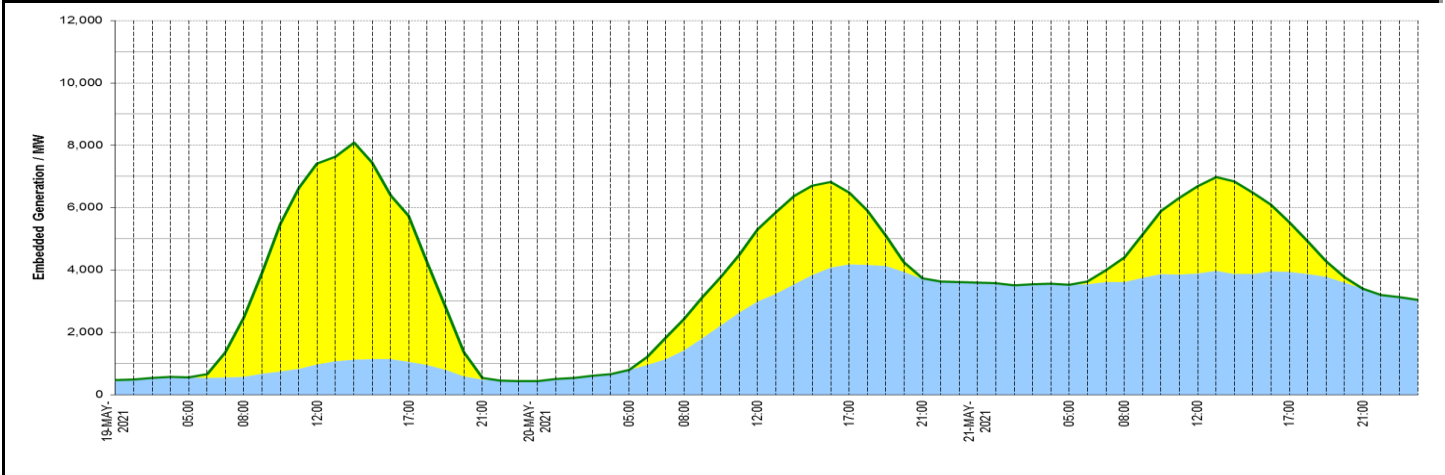
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	19-MAY-2021					20-MAY-2021					21-MAY-2021						
	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	1890	6450	4680	44	0	0	1001	2309	2303	16	0	0	800	2803	1595	0
Wind (MW)	553	574	961	1055	490	441	793	1419	2991	4182	3717	3600	3517	3608	3887	3937	3401
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	553	2464	7411	5735	534	441	793	2420	5300	6485	3733	3600	3517	4408	6690	5532	3401



Weather	Source	Commentary
<p>Latest forecast (Summary)</p>	<p>Met Office SEPA Natural Resources Wales</p>	<p>Today: Although some parts start bright and chilly, rain moves northeastwards across many areas, heavy for parts of the west, especially hills. A few brighter spells in southwestern areas this afternoon. Cool and windy for most, gales in coastal west.</p> <p>Tonight: Gales, possibly severe, affecting some southwestern coastal areas, with strong winds inland across the south. Further rain at times for most areas, heavy in places. Less chilly than preceding night.</p>
<p>General Weather Concerns</p> <p>e.g. wind, rain, snow, flooding, GB Weather Warnings</p>	<p>Met Office Weather Warnings SEPA Natural Resources Wales</p>	<p>UK Flood Warnings: England</p>

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Further Information	
<p>BM Reports</p>	<p>https://www.bmreports.com</p>
<p>System Balancing Reports</p>	<p>https://www.nationalgrideso.com/balancing-data/system-balancing-reports</p>
<p>Forecast Volumes and Costs</p>	<p>https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</p>
<p>NGESO Insights</p>	<p>https://www.nationalgrideso.com/insights</p>