

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 27 July 2022

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

Today's Minimum De-Rated Margin	3919 (SP 39)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	1050 MW

Balancing Costs

Last 24 hours' BM spend Total: £4906k



Yesterday's Market Summary

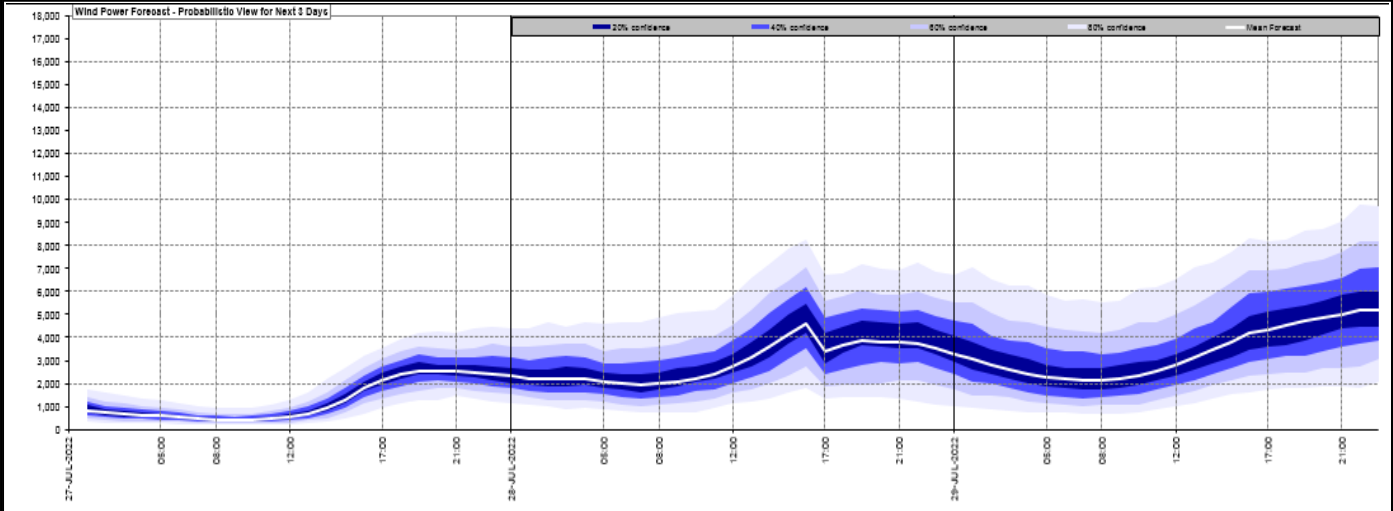
Cash Out Price (Max)	£558.88 (SP 23)
Cash Out Price (Min)	£120.00 (SP 32&33)
Peak Demand Yesterday	31,215MW
Minimum Demand	19,040 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	0	0	Planned Outage
Belgium (Nemo)	1020	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	0	0	Planned Outage
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	0	0	Planned Outage
Norway (NSL)	1260	1100	ESO NTC restriction

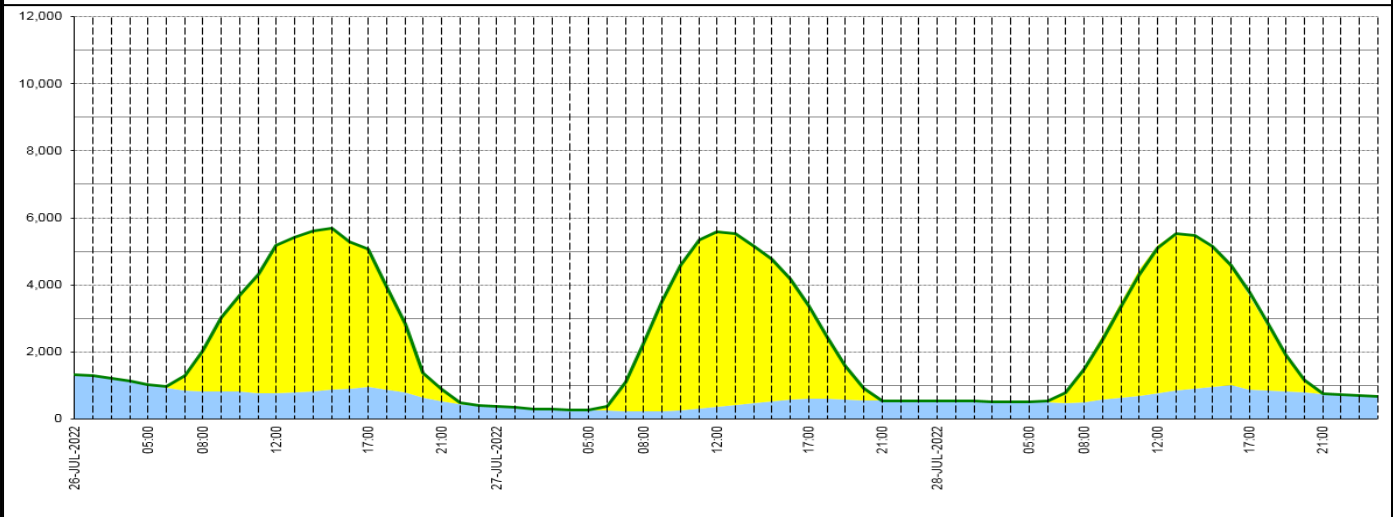
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	26-JUL-2022					27-JUL-2022					28-JUL-2022						
	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	1211	4418	4133	377	0	0	2015	5258	2702	0	0	0	1055	4427	2804	20
Wind (MW)	1026	822	759	942	512	366	266	223	352	601	542	551	516	506	761	884	752
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1026	2033	5177	5075	889	366	265	2242	5588	3359	536	545	518	1469	5095	3764	764



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Most parts dry with broken cloud and some sunny spells. Feeling quite warm in light winds, especially in the south. A few light showers developing in places, whilst southwestern areas turn cloudier later.</p> <p>Tonight: Thickening cloud moving northeastwards across England and Wales with outbreaks of rain developing across some central and northern parts. Dry elsewhere with clear intervals.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings No weather warnings are in force for the UK</p> <p>Flood Warnings no flood warnings or alerts in Scotland. no flood warnings or alerts in Wales no flood warnings or alerts 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