

## Flexibility Figures (Apr 2020)

Since 2018, DNOs have been tendering and procuring for various Flexibility Services to help solve congestion in the local electricity grids. The below figures demonstrate the scale and size of these local Flexibility Markets across GB DNOs, as well as highlighting the National Grid ESO Contracted Flexibility Figures.

DNO Flexibility Tenders		Sustain (MW)	Secure (MW)	Dynamic (MW)	Restore (MW)	Reactive Power (MVar) (if applicable)
ENWL	End of 2018			0	3	
	End of 2019			0	3	
	Projections for 2020			11	2	
NPg	End of 2018				0	
	End of 2019				0	
	Projections for 2020				100	
SPEN	End of 2018	0	0	0	0	0
	End of 2019	0	0	0	0	0
	Projections for 2020	125	125	125	125	30
SSEN	End of 2018	0	0	0	0	0
	End of 2019	0	2	2	2	0
	Projections for 2020	20	150	150	150	30
UKPN	End of 2018		0.3			
	End of 2019		19.29			
	Projections for 2020	20	150			
WPD	End of 2018		23.5	33.8	58.5	
	End of 2019		7.3	115.8	123.1	
	Projections for 2020		47.52	286.05	333.57	
<b>Industry Total - End of 2018</b>		<b>0.0</b>	<b>23.8</b>	<b>33.8</b>	<b>61.5</b>	<b>0.0</b>
<b>Industry Total - End of 2019</b>		<b>0.0</b>	<b>28.6</b>	<b>117.8</b>	<b>128.1</b>	<b>0.0</b>
<b>Projections for 2020</b>		<b>165.0</b>	<b>472.5</b>	<b>572.1</b>	<b>710.6</b>	<b>60.0</b>

Area	Definition
4 Real Power Products	Flexibility that is able to be dispatched by a DNO as a result of procurement from a market and/or tender. Used to solve network constraints. This is typically compensated. End of year figures include all Flexibility that has been procured that year and that which is still live from previous years. This represents Flexibility that has been contracted, and does not include dispatch figures. Projections represent Flexibility required for the upcoming year and include live contracted Flexibility and additional system need (which will be tendered out)
Reactive Power	Reactive Power services procured for voltage control

National Grid ESO	National Grid ESO Contracted Flexibility			
	Reactive Power Services - Lead (MVar)	Reactive Power Services - Lag (MVar)	Real Power Services Demand (MW)	Real Power Services Generation (MW)
End of 2019	1826.64	2527.24	0	0
Projections for 2020	299	0	0	0

Definitions	
National Grid ESO Contracted Flexibility	Contracted Flexibility (real and reactive power, turn up or turn down) that is able to be dispatched by National Grid ESO as a result of procurement from the market. Used to solve network constraints, and excludes capacity market figures and balancing services for the purpose of frequency control. This flexibility is compensated. These figures cover flexibility procured ahead of control room timescales and do not include that procured through Balancing Mechanism actions.

ENA will be updating these figures every 6 months, to help customers understand the size of the market and ensure transparency across the country.