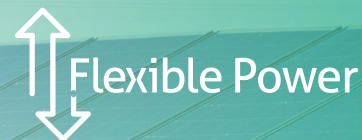


# Flexible Power

## Year in Numbers 2020



**WESTERN POWER  
DISTRIBUTION**  
*Serving the Midlands, South West and Wales*

### Coverage

74

Number of significant  
reinforcement schemes assessed



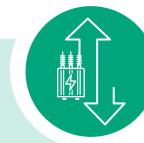
8

Number of potential  
reinforcement deferred



270

Number of primary substations  
where flexibility sought



1,777,498

Total number of customers served within flexibility  
locations (estimate)



### System Needs

385.2 MW  
Peak  
power  
required

5,763 MWh  
Annual  
energy  
required

152,654 MWh  
Annual  
availability  
required

# Flexible Power

## Year in Numbers 2020



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### Zones

**17**

Number of  
Secure zones



**35**

Number of  
Dynamic zones



### Funding

**100%**

Percentage funded  
through BAU activity



**0%**

Percentage funded  
through innovation trials



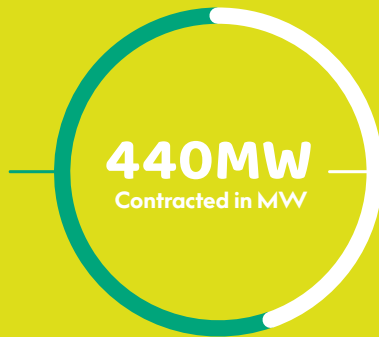
### Market Response

**925MW**

Volume of interest  
from market in MW

**440MW**

Contracted in MW



**19**

Total number of flex providers  
entering procurement



**20**

Total number of  
contracts signed



# Flexible Power

## Year in Numbers 2020



Flexible Power

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### Conventional Reinforcement

**34**

Number of significant conventional reinforcement schemes completed



**£49.7m**

Total spend on conventional reinforcement (from latest RRP)



**£39.4m**

Value of deferred/avoided reinforcement in areas of successful flexibility



### Operational Performance

**297 MWh /  
24 MWh**

Availability offered / accepted



**58,305 MWh /  
4,983 MWh**

Dynamic offered/accepted



**91,820 MWh /  
91,820 MWh**

Restore offered/accepted



**674k**

Flex spend in 2020



### Availability

**536 MWh**

Total dispatched by WPD



**462 MWh**

Total delivered by flex providers



**93%**

Average Flex Provider delivery



### Earning Potential

Secure areas

**£300/MWh**



Dynamic areas

**£305/MWh**



Restore areas

**£600/MWh**

