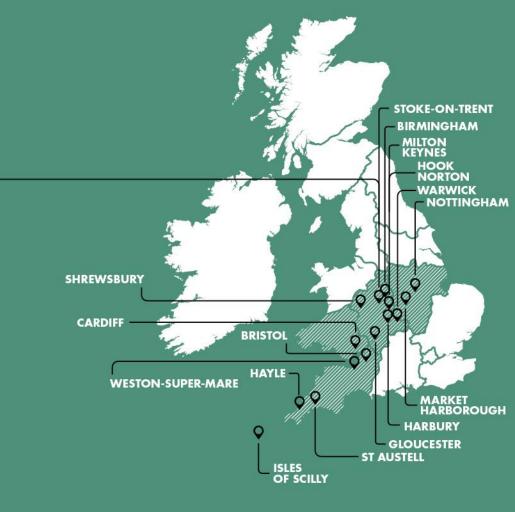
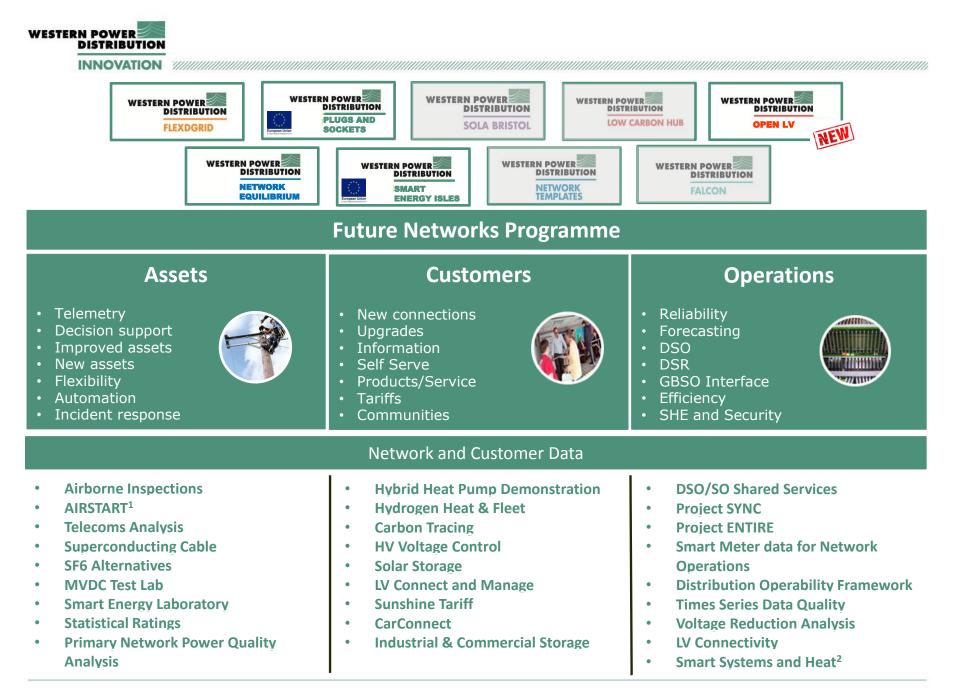


NEXT GENERATION NETWORKS

Project Entire

Matt Watson Innovation & Low Carbon Networks Engineer





Note: 1 - Funded by Aerospace Technology Institution; Note 2 - Funded by the Energy Systems Catapult



Project Entire

- A key DSR project following on from FALCON and SYNC
- Focus on commercial mechanisms and revenue stacking
- How to make DNO led DSR commercially viable
- Interaction between DNO and SO led DSR
- Understand scalability of DSR
- Fits into wider DSO and active networks innovation
- Looking for alternative solutions to 132kV reinforcement



What we are doing?

- Facilitating 5 WPD CMZ services in the East Midlands
- Developing managed service
- Developing technical systems and processes
- Wider engagement in target area





Customer proposition

Customer Proposition

- Creation of Flexible Power branding
- Simplifying DSR programmes into single service
- Customer engagement and recruitment
- Increasing profile of DSR in target area
- Revenue stacking from multiple programmes



Managed Service

- Advanced control capability from new centralised facility
- Continuous monitoring of assets with alerts and alarms
- Agreed operating procedures taking away local resource burdens.
- Customer has ultimate control of inhibiting dispatch
- Simplifying DSR for customers
- Asset optimisation
- Self service statements and reports through customer portal



Services

Simple CMZ service:

- Week ahead notification of probable requirement
- Arming fee assures of profit
- Utilisation fee covers operating costs
- Designed to integrate with other services
- No deductions for service payments
- Key driver behind the project



Services

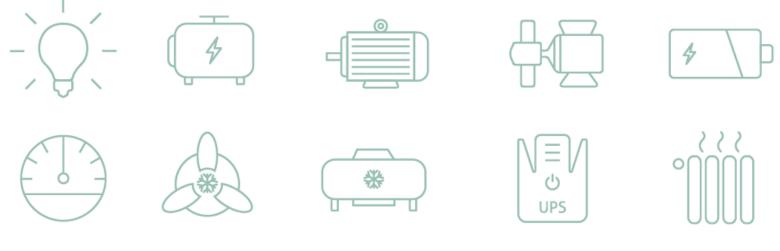
Stacked service:

- CMZ
- Flexible STOR
- TRIAD Avoidance
- Simple managed services
- Flexible Power will declare participants in and out of the different revenue streams



Who are we targeting?

- Half hourly metered customer in the target area
- Ability to reduce demand or increase generation within 15 minutes of a signal and hold for at least 2 hours
- Simple or managed service
- Direct customers or through aggregators





How to get involved

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