

# DSR IN SEVERN TRENT

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WONDERFUL ON TAP



# DSR IN SEVERN TRENT ...IN NUMBERS

- Severn Trent & Hafren Dyfrdwy serve 8 million people across the midlands and mid-Wales
- Complete mix of urban and rural communities
- Over 6000 sites
  - Some use over 40GWh/yr
  - Some use less than 200kWh/yr
- A fleet of over 2000 vehicles
- Annual energy cost over £100m
- Currently over 50% self-generated renewables
- Triple pledged for 2030
  - Zero net carbon
  - 100% renewables
  - 100% Electric Vehicles
- 15 MW flexible assets at 12 sites
- Mixture of:
  - Standby generation (STOR & Capacity Market)
  - Real time control of operational assets (FFR)
- Working with aggregators since 2016
  - Flexitricity
  - Open Energi
- Rols site-by-site range from 6 months to 5 years
- Ambition to reach approx. 90MW
- Focus on bigger DERs (1MW or more)
- Plan to trial a couple of batteries for learning