



“ We are delighted to have this opportunity to accelerate the decarbonisation of our buildings. These initial projects as part of phase one are predicted to deliver an annual carbon reduction of almost 7% and will help to generate important savings to reinvest in future projects, as our reliance on fossil fuels and imported energy decreases.”

**Annabel Harford, Environmental Manager, Avon Fire and Rescue Service**

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## Avon Fire & Rescue Service

South West, UK

### Locations

Bedminster, Lansdown, Nailsea, Nova Way, Southmead

Avon Fire and Rescue Service provide emergency and protection services to the communities of Bath & North East Somerset, Bristol, North Somerset and Gloucestershire.

The Service is passionate about reducing their impact on the environment and is determined to demonstrate environmental leadership in the Fire & Rescue sector. AF&RS has pledged to reach Net Zero by 2030 and was selected as one of the UK's Climate Leaders by the Cabinet Office ahead of the COP26 United Nations 2021 Climate Change conference held in November 2021. The Cabinet Office then showcased AF&RS's environmental journey in a bid to encourage other organisations to reduce their carbon footprint.

Combining a range of integrated clean energy tech, including solar panels, battery storage, solar thermal and heat pumps across five sites in the Southwest, phase one of the AF&RS clean energy project will generate carbon savings of more than 127,117 kg/year.

The partnership also provides the Service with an on-going mechanism to deliver additional future projects as part of AF&RS Net Zero carbon commitment including EV charge points in a move towards piloting electric fire engines in the near future.

By integrating a variety of different clean energy technologies, AF&RS are able to maximise both their carbon and financial savings, whilst improving their infrastructure and demonstrating their commitment to tackling climate change.