



CHARITY FOR CIVIL SERVANTS CASE STUDY



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|----------------------|----------------------------|-------------------------|-------------------------|
| ✓ 25 Year Net Profit | ✓ Client | ✓ Sector | ✓ Technology |
| £ 81,356 | Charity For Civil Servants | Non-Profit Organisation | Solar PV |
| ✓ System Size | ✓ Estimated Annual Output | ✓ Payback Period | ✓ Annual Carbon Savings |
| 18.92 kWp | 15.09 MWh | 4.9 Years | 72.5 T |

The Charity for Civil Servants in Northampton partnered with Excel Energy to install a 18.92 kWp solar PV system alongside EV charging infrastructure to reduce energy costs and support its sustainability objectives. The project included a rooftop solar installation as well as EV chargers, cabling, fencing, signage and safety equipment, all delivered with long-term warranties.

The solar PV system is estimated to generate 15.09 MWh of clean electricity annually, helping to lower reliance on grid power and reduce operational energy expenses. The installation delivers annual carbon savings of 72.5 tonnes of CO₂ and has an expected payback period of 4.9 years. Over its lifetime, the system is projected to achieve a 25-year net profit of £81,356. Alongside renewable energy generation, the EV charging points support the charity's transition toward cleaner transport and lower carbon operations.

Learn More

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