



TEGFAN HOME FOR THE ELDERLY OVER 10 YEARS OF SOLAR

*Delivered by RCTCBC's Energy & Carbon Reduction Team
in 2013 and upgraded in April 2023*

RCTCBC's Energy and Carbon Reduction Team first installed a 18kWp photovoltaic (PV) system at Tegfan Home for the Elderly in 2013, which was recently recommissioned and upgraded in April 2023.

Between April 2015 and March 2025 data indicates that this project has saved 135,447 kWh of energy. This is equivalent to saving £2,471 per year on energy bills, equating to £24,710 over a 10-year period!

The average carbon footprint of a person in the UK is around 12 tonnes of CO₂ per annum. This installation alone has reduced the Council's greenhouse gas emissions by 52.3 tonnes, which is the equivalent to the annual carbon footprint of 2.5 people, helping the Council move towards carbon neutrality by 2030.

SAVING
135,447 kWh
ACROSS 10 YEARS

THAT IS
52.3 TONNES
OF CO₂

SAVING
£24,710
ACROSS 10 YEARS

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