



TEGFAN HOME FOR THE ELDERLY SOLAR PV INSTALLATION

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

An 18 kWp photovoltaic (PV) system was recommissioned in April 2023 to upgrade an existing solar PV installation at Tegfan Home for the Elderly. The solar installation generates electricity from daylight and feeds into the site's electrical system. The power generated replaces electricity being imported and supplied from the national grid and is saving money on electricity costs.

Data indicates that this project saved 15,140 kWh during the 2023 – 2024 financial year, which is equivalent to £5,299 on annual energy bills (based on 2024 energy costs). This installation continues to reduce the Council's greenhouse gas emissions by 3.5 tonnes annually, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

SAVING
15,140 kWh
PER YEAR

THAT IS
3.5 TONNES
OF CO₂

SAVING
£5,299
PER YEAR

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