



RHYDYFELIN COMMUNITY CENTRE SOLAR PV INSTALLATION

*Delivered by RCTCBC's Energy & Carbon Reduction Team
in June 2024*

A 12 kWp photovoltaic (PV) system was completed in June 2024 at Rhydyfelin Community Centre. The solar installation generates electricity from daylight and feeds into the community centre's electrical system. The power generated replaces electricity being imported and supplied from the national grid and is saving money on electricity costs. As the electrical usage of the Centre varies throughout the day, a 4.6kW Battery storage system was also included as part of the scheme

Data indicates that this project will save 11,600 kWh during the 2023 - 2024 financial year, which is equivalent to £2,843 on annual energy bills (based on 2024 energy costs). This installation reduces the Council's greenhouse gas emissions by 2.7 tonnes annually, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

SAVING
11,600 kWh
PER YEAR

THAT IS
2.7 TONNES
OF CO₂

SAVING
£2,843
PER YEAR

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