



**20.7 TONNES
OF CO₂**

89,428 kWh

£31,300

RHONDDA FACH SPORTS CENTRE SOLAR PV INSTALLATION

*Delivered by RCTCBC's Energy & Carbon Reduction Team
in January 2022*

A 150kWp photovoltaic (PV) system was commissioned in January 2022 at Rhondda Fach Sports Centre to supplement an existing smaller system. The solar installation generates electricity from daylight and feeds into the sports centre's electrical system, which also hosts RCTCBC's main data centre. 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 just under 90,000 kWh during the 2023 - 2024 financial year, which is equivalent to £31,300 on annual energy bills (based on 2024 energy costs). This installation continues to reduce the Council's greenhouse gas emissions by 20.7 tonnes annually, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

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