



RHONDDA CYNON TAF

# TY GWYN EDUCATION CENTRE SOLAR PV INSTALLATION

*Delivered by RCTCBC's Energy & Carbon Reduction Team  
in September 2023*

A 23.8 kWp photovoltaic (PV) system was completed in September 2023 at Ty Gwyn Education Centre. The solar installation generates electricity from daylight and feeds into the education centre'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 has saved 14,473 kWh during the 2023 - 2024 financial year, which is equivalent to £5,065 on annual energy bills (based on 2024 energy costs). This installation reduces the Council's greenhouse gas emissions by 3.3 tonnes annually, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

**SAVING**  
**14,473 kWh**  
**PER YEAR**

**THAT IS**  
**3.3 TONNES**  
**OF CO<sub>2</sub>**

**SAVING**  
**£5,065**  
**PER YEAR**

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