



RHONDDA CYNON TAF

TY GLANTAF DEPOT SOLAR PV INSTALLATION

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

A 57 kWp photovoltaic (PV) system was completed in March 2024 at Ty Glantaf Depot. The new system compliments an existing 15 kWp PV system, which was installed several years ago. To support the recent installation of seven new Electric Vehicles (EV) charging points in the main Depot car park, an integrated 45kW battery storage system was also installed as part of the PV project. This allows surplus electricity generated from the PV system to be stored on site and used overnight to recharge any EV's plugged in, or if required, provide additional electricity to the building overnight.

Data indicates that this project will save an estimated 73,200 kWh per year, which is equivalent to £36,400 on annual energy bills (based on 2024 energy costs). This installation reduces the Council's greenhouse gas emissions by 16.8 tonnes annually, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

**SAVING
73,200 kWh
PER YEAR**

**THAT IS
16.8 TONNES
OF CO₂**

**SAVING
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PER YEAR**

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