

commercial total petrol

Total UK Limited, looked to provide a source of renewable energy in order to reduce the carbon footprint of its forecourt activities, when constructing a petrol filling station in Guildford, This was needed in order to comply with their overall Carbon Reduction Commitment (CRC).

By using solar power to generate electricity they were able to reduce the level of non renewable energy used by the petrol stations operations.

They chose a sundynamo® photovoltaic system comprising of 12 Photovoltech panel array mounted on the forecourt canopy via a bespoke aluminium frame provide optimum inclination. The solar array was matched with a Platinum 2100s inverter which created a highly efficient 2.283 kWp system producing 1,800 kWh/a and saving 1500 Kg/a of carbon emission.

