



RE:FIT Projects Tranche 1: Allhallows Multi Storey Car Park - Lighting Upgrade



Background to the RE:FIT programme

Bedford Borough Council is working in partnership with Mitie to install a series of energy conservation measures and renewable energy technologies in a number of Council buildings. Mitie guarantees the energy and carbon savings to be achieved over the lifetime of the energy performance contract.

One of the sites in Tranche 1 of the RE:FIT programme is Allhallows Multi Storey Car Park (MSCP).

Project Details

Prior to this project, the lighting at Allhallows (MSCP) consisted of 70W and 35W luminaires which had few controls, often resulting in lights being left on 24 hours a day. Since this project was completed, the lights have been replaced with T5 25W eco fittings with PIR controls allowing up to 10% dimming when the area is unoccupied.



RE:FIT Projects Tranche 1: Allhallows Multi Storey Car Park - Lighting Upgrade

Savings

Based on comparing the previous and new lighting loads and estimated burn hours, the savings are approximately 74,000 kWh/annum, generating a financial saving of £7,400/annum and a carbon reduction of 38,832 kgCO₂/annum.