

## **Case Study: Care Group 1**

### **Energy Reduction Campaign**

#### Challenge

Care Group 1 provide specialist care and bespoke services throughout serviced residential properties. Red1 Group were asked to look at 17 individual sites to assess the potential of energy reduction. All sites were maintained to a high standard in particular the boilers and gas appliances of which most were 90% efficient or higher. However the majority of the lighting on all sites could be replaced with energy efficient fittings.

#### Solution

Red1 Group Ltd collated site specific information regarding current energy consumption, usage, current equipment and running hours. With this information we were able to produce a proposal for the client outlining the offering and most importantly the savings.

All boilers at each site were in good working order and in most cases under 5 years old "A" rated appliances. Replacing the boilers at this stage wouldn't be cost effective.

The current lights on site were mostly standard filament or halogen fittings.

The 17 individual homes combined currently use 142,000kW of electricity on lighting. Red1 Group would install new LED lighting throughout the premises at no cost to the client.

#### Results

Red1 Group secured new energy contracts and installed the new LED lighting with the following results.

Electricity lighting consumption reduced by approximately 83%

The clients combined savings taking into account the consumption and new energy rates are over £34,000 over a 5 year period.

All of this was achieved with no cost to the client utilising Red1 Groups scheme. If the client was to pay for the reduction scheme the total cost would be in excess of £17,000.

To find out how Red1 Group could cut your energy costs and reduce your carbon emissions please contact us.

\*The clients details have been omitted to avoid unsolicited sales calls