

## Energy Efficiency Case Study May 2007



A Technical Energy Survey of the Baggage Handling area at Birmingham Airport revealed that there were potential savings by modifying the existing BMS (Building Management System) to return 19% in electricity & gas savings.

Electrical Energy Cost: £12,500.00

Total Gas Cost: £3,000.00

Total Savings per annum: £3,000.00  
(19% of Total saved)

BMS Energy Project Works Cost: £1,500.00

Pay-back period: 0.5 Year

Energy saved per annum: 38 MWH

Tons of Carbon saved: 16 Tonnes

BMS software re-written to allow the plant to operate between selected high/low temperatures only. Demma Integration software logging conditions, training provided for technical Engineers.

**(On going savings of £3.0K every year & increasing)**

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