

NEW WALK CENTRE

Energy Efficiency Measures

In October 1990 a comprehensive Building Energy Management System was installed in the Council's headquarters at New Walk Centre. The equipment was supplied by Andover Controls Limited at a cost of £12,282. This includes fully integrated computer control of space heating with optimum stop / start functions and weather compensating features.

Evaluation

A mathematical relationship was established between gas consumption and degree-days for the year immediately preceding the installation. This was used to generate a prediction of gas usage after the work was completed. The difference between the prediction and the actual usage showed a saving of over 100,000 therms, worth more than £30,000 at prevailing fuel prices.



Conclusion

Comprehensive Building Energy Management systems can give an excellent return on capital investment in large administrative buildings like New Walk Centre. Besides the financial savings this project is helping to cut emissions of greenhouse gases and preserve scarce fuel reserves.