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Energy Surveys



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In today's climate, there is significant pressure on organisations to reduce costs, energy consumption and carbon emissions.

Burcote's energy surveys are an ideal way of identifying and prioritising practical actions to support energy reduction plans and underpin an organisation's CSR, Environmental and Sustainability Policies.

Burcote's energy surveys are undertaken by experienced CIBSE qualified engineers and follow the CIBSE Energy Reporting and Assessment methodology, TM22, referencing appropriate UK benchmarks for energy performance e.g. TM46, CIBSE Energy Efficiency in Buildings Guide F, British Council of Offices (BCO) and Econ 19. The survey also identifies opportunities to improve site energy management practices in line with BS 16001.

Our approach to reporting of utility, energy and carbon management takes the form of three distinct areas including

1. Energy Benchmarking

Details the performance of the building against CIBSE published 'Typical' and 'Best Practice' consumptions and compares the building's 'design performance' against actual performance.

2. Energy Management Practices

Identifies current operational, management and governance practices to enable opportunities to be implemented and target reductions to be met. Much of this is based upon the Carbon Trust's standards and practices, which in turn are based on BS 16001

3. Site Opportunities for Reduction

Identifies potential opportunities for reducing energy consumption and associated carbon emissions on site from specific projects and functions.

Prioritised recommendations for technical initiatives are provided that deliver 'no cost, low cost', medium and longer term paybacks. Each recommendation is supported by:

- An indication of benefits/risks from maintenance, levels of services disruption and comfort levels.
- Financial savings per annum
- kWh of energy saved per annum
- Tonnes of CO₂ equivalent saved per annum
- Capital costs
- Payback period in years.

A review and provision of broad recommendations for any Low-Zero Carbon opportunities (LZC's) and renewable energy use and production is also included.

Key Benefits;

- Reduce property operational costs and carbon emissions
- Supports CRC compliance and minimises financial and reputational liabilities
- Provides a practical prioritised action plan
- Supports business cases for 'invest to save'
- Supports property specific Energy Management Plan
- Benchmarks current building performance
- Supports landlord/tenant engagement
- Can help reduce service charges

If you would like more information please contact: **Ruth Gilbody** on **01327 810620** or **ruthgilbody@burcote.co.uk**

