

Loughborough University Energy Policy

Mission Statement

“The mission of the University is to increase knowledge through research, provide the highest quality of educational experience and the widest opportunities for students, advance industry and the professions, and benefit society”

The University is determined that the highest standards of excellence are also developed in its energy and environmental management. The University pledges to provide all building users with a comfortable working environment and to undertake all its activities at the lowest possible environmental impact, to enable the objective of the mission statement to be met.

Statement of Commitment

Loughborough University is committed to responsible energy and water management as part of its overall environmental and carbon management strategy.

We are corporately committed to:

- reducing energy consumption and costs.
- reducing water consumption and costs.
- using energy more efficiently across the campus.
- reducing adverse environmental impacts arising from energy and water use.
- investing in the use of sustainable energy sources.
- investing in clean technology and energy efficient measures.
- tracking and reducing total University carbon emissions.

Annually we will publish our objectives, together with quantified targets and progress against these so that the success of our corporate commitment is open to public scrutiny.

VC Signature.....

Date.....

Corporate Policy Statement

Long Term Corporate Goals

To facilitate the University's commitment to responsible energy and environmental management, our long term corporate goals are to:

- minimise our energy and water consumption
- minimise our energy and water costs
- minimise our environmental impact
- minimise the CO2 emissions associated with our energy use
- give high priority to energy efficiency improvements
- to commit organisational resources to energy management
- consider life-cycle energy costs for all new projects
- where possible, to use energy from sustainable sources

These goals are to be achieved as far as is practical, consistent with the operational needs of the University's activities.

Medium Term Objectives

Our medium term objectives over the next five years are to:

- reduce our energy consumption by 10%
- reduce our water consumption by 10%
- reduce our environmental impact, by reducing the emissions of carbon dioxide (CO2) by 10%
- reduce the site electricity base load by 20%
- purchase 100% of our electricity from green sources
- establish an energy management structure
- implement a regular programme of energy audits
- identify all cost effective energy efficiency measures

- establish a ring fenced budget for investment in energy improvement projects
- devolve energy budgets to develop local accountability and responsibility
- set up a team of departmental environmental champions
- produce budgetary information for financial planning
- develop an effective energy monitoring and targeting system
- provide energy benchmarking for all buildings and compare to published best practice data
- set and publish key performance improvement targets
- report performance changes and improvements annually
- seek competitive tenders for utility supply contracts
- provide periodic management reports on cost and consumption data
- increase staff and student awareness and motivate building users to use energy more efficiently
- develop the Building Management System (BMS) to further improve the control of building services
- ensure that energy efficiency measures and sustainable design features are incorporated into all new build and major building refurbishment projects
- create and maintain a high profile for energy management to develop a positive image of the University
- review the potential to utilise renewable energy technologies
- publish and regularly review the corporate energy policy

To support the objectives of the Energy Policy, a series of procedure documents will be developed that address specific issues relating to the management and control of the energy use at the University.