

ENERGY

Fast facts

- every 1°C overheating can result in 8% increase in heating costs.
- Implementing lighting efficiency methods could reduce lighting energy costs by 50%.
- Heating costs can be reduced by 20% by implementing energy saving measures.
- Energy used in catering constitutes 4-6% of operating profits.
- The hospitality sector spends over £1.3 billion on energy bills every year.
- The hospitality sector's carbon emission is over 8 million tonnes per year.
- Heating accounts for 40% of total energy use in non-domestic buildings.
- Uninsulated roofs contribute to 25% of heat loss.

Top tips - What could you do?

- Change incandescent light bulbs to energy efficient ones, such as LEDs. These could save 80% in energy consumption, produce less heat and can last 50 times longer.
- Replace any blackened, flickering, dim or failed fluorescent tubes with tri-phosphor coated ones.
- Prioritise upgrading light bulbs in areas that are lit for more than 3 hours a day.
- Install heating controls, such as timers, thermostats and zone controls.
- Review controls are set appropriately on a regular basis.
- Ensure sensors are operational and located so as not to give false readings.
- Provide clear signage and information to customers who might operate controls.
- Ensure your staff are trained on heating controls and optimum temperature.
- Heating and cooling systems should not work against each other.
- Close curtains, blinds or shutters at the end of the day to retain heat.
- For any renovation works, replace windows with highly efficient double or triple glazed ones.
- Insulate roof spaces and cavity walls as well as hot water pipes to reduce heat loss.
- Install appropriate light controls to ensure lights are not on unnecessarily, such as timers, occupancy or motion sensors, daylight sensors.
- Raise staff and public awareness with appropriate signage and training to switch lights and equipment off when not needed.
- Label catering equipment with recommended preheat times.
- Consider generating your own energy by investing in renewable energy systems, such as solar panels, biomass boilers and heat pumps.

