Energy/fuel efficiency

What?
- to avoid unnecessary energy/fuel consumption and reduce emissions from site
- many tonnes of emissions are produced each year through the inefficient use of energy and fuel
- switching off all unnecessary appliances and taking simple precautions when commuting to work or driving plant will make a real difference to the planet and pocketbook!

Why?
- avoid environmental harm: recent studies suggest crop failure, catastrophic changes in sea level and plant and animal extinction may result if global action is not taken
- avoid environmental harm: emissions (eg carbon dioxide) are continuing to adversely affect the Earth’s climate
- avoid prosecution: it is now mandatory for certain organisations to monitor, record and reduce their emissions
- public relations: avoid damaging the reputation of the company its clients, and maintain workload
- reduce costs: by using mains-electric supply opposed to fuel-powered generators on site, which reduces energy consumption and emissions.

Do
- ensure all lighting, heating and electrical equipment is switched off when not in use
- avoid unnecessary vehicle movements and journeys
- use appropriate plant for the task
- operate plant/vehicles efficiently by minimising idling time and using appropriate power
- service plant/vehicles correctly to ensure optimum performance
- use sustainable low carbon fuels
- use public transport, cycle or walk to work
- where travelling by car is unavoidable, share the journey with friends/colleagues
- ensure all unnecessary items are removed from cars and tyres are correctly inflated
- accelerate smoothly and, where practicable, use cruise control
- use local products, materials and labour.

Don’t
- leave doors and windows open when air conditioning or heating is switched on
- leave external lighting on over night unless it is a security requirement
- leave vehicle engines idling to keep plant/car interior warm.

Questions
1. What simple steps can be taken to reduce emissions on this site?