

ENERGY (ESOS) SAVING OPPORTUNITY SCHEME

The UK government approach to implementing Article 8 of the EU Energy Efficiency Directive requiring all member states to perform regular energy audits of all their large enterprises every four years.

DOES MY COMPANY QUALIFY?

31 December 2014 your company employed **> 250 people** and / or had an annual turnover of **> €50 million**

31 December 2014 your company was **non UK registered** with **> 250 UK employees** paying UK income tax

YES IT DOES

AUDITING

90% of your business energy usage must be audited during the ESOS process which includes:

- The number of sites and uses of these sites
- Energy bills for buildings and industrial operations
- Energy usage of transport

DEADLINES

Qualification date	31 December 2014
Compliance period	17 July 2014 to 5 December 2015
Compliance date	5 December 2015
Qualification date	31 December 2018
Compliance period	6 December 2015 to 5 December 2019
Compliance date	5 December 2019

BENEFITS

Environmental benefits

Reducing energy wastage, improved environmental performance and long-term sustainability.

Economic benefits

Reduced energy consumption. Lower costs and outlay, therefore improvement in profitability, leading to advantage over competitors.

Public benefits

Improving employee awareness of energy saving behaviour. Developing reputation as an environmentally responsible company.

PENALTIES

Fixed penalties of up to £50,000 for failure to submit energy audit on time or giving a false or misleading statement. If your company is subjected to a fine, then details of the incident will be publicly published by the regulator.

ESOS

PROCESS

COLLECT DATA

Large undertakings should provide information of the number and uses of sites, whether the sites are similar, energy bills for buildings, industrial operations and transport (not including any areas of the business that have been subcontracted). Only **90% of all energy** consumption has to be audited.

SITE VISITS

Sample site energy savings audits can be conducted by Torse **energy assessment expert(s)**. The number of sites that need to be visited depends upon the volume of energy consumption per site and the number of sites. For numerous sites, a **sample** approach can be implemented especially if they are very similar.

DATA ANALYSIS

Torse will calculate the amount of energy used in a way that is most suitable for the site(s) in question (e.g. per employee). Then potential measures for energy saving will be identified and a **bespoke energy savings recommendations report** generated, which will include details of implementation costs versus the savings.

RECOMMENDATIONS

This audit will present the findings and recommendations in an accessible manner for directors or your board and others across your organisation. Recommendations are based upon **actual billed consumption** (kwh) rather than estimates. Submission of your audit to the Environment Agency will then be undertaken.



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