

Essential training for ESOS

From boiler room to boardroom - developing an effective energy audit for ESOS and follow on energy management system to ISO 50001.



Why attend?

The Energy Savings Opportunity Scheme (ESOS) is the UK Governments' response to Article 8 of the EU Energy Efficiency Directive requiring all large enterprise to undertake a mandatory energy audit every 4 years, with the first one by December 2015. Exemption routes include the whole organisation being ISO 50001 accredited.

This unique 4 day training course (and 4 hour exam on day 5), will provide you the technical skills required to undertake an energy audit leading onto to developing this into an effective energy management system under ISO 50001.

By the end of the course you will be able to:

- Understand how to analyse your data, look at your site opportunities and develop an energy audit
- Apply benchmarking and financial payback tools
- Understand the technical aspects of plant and equipment
- Understand how this will apply to ESOS
- Use the energy review to develop this into an Energy Management System
- Develop an effective long-term strategy to manage energy

Who should attend?

This course is aimed at persons become a Lead Assessor under the UK Governments' ESOS scheme. It is also aimed at anyone wishing to learn new energy auditing skills and how to use the results of an energy audit as part of the energy review process of the ISO 50001 Energy Management Standard. Participants are expected to range from consultants, to energy managers, in-house energy management teams, or anyone wishing to learn new skills in the field of energy auditing and energy management.

What qualification do I get?

CEA® is an internationally recognised qualification provided via the Association of Energy Engineers (AEE). It is recognised as Lead Assessor under the UK Chapter of AEE.

About the trainer - Ian Boylan, CEng, CEA, CEM, CMVP

- Internationally recognised ISO 50001 expert and CEA, CEM, and CMVP trainer
- Ian has implemented numerous successful EN16001 and ISO 50001 systems and is also a practicing ISO 50001 auditor
- Since 2007, he has trained over 800 energy professionals in the UK, Ireland, USA, Canada, and Ukraine

TESTIMONIALS

"Ian is an excellent presenter and made the topic really interesting and practical"

Liam Tolton,
Second Site Development and Training

"Excellent training, the real life examples from the presenter made it easier to understand"

Yassen Roussev
Energy Manager
Facilities Management South
Norland Managed Services Ltd

"The CEM training was fantastic. It provided personnel from different disciplines with a grounding in all of the knowledge areas required by an energy manager. As a company, we were delighted with the excellent content for upgrading our skills. It was the best training course I have attended in 25 years"

Tom Mac Partlin
General Manager, Gowan Energy Management Service Ltd

"The AEE training was a great way to consolidate my experience in a recognised qualification. Highly recommended!"

Gary Cooper
Avron Consulting

ISO 50001 and CEA® certification

Course Content:

- Energy Fundamentals
- Structured Energy Management Programs
- Benchmarking and energy accounting
- Energy Financials
- Alternative financing
- Data analysis and Measurement and Verification
- Energy Auditing
- Energy Auditing Instrumentation
- Air Conditioning Systems and Refrigeration
- Facilities and Lighting Systems
- Electric Systems, Motors and Drives
- Boilers and Steam systems
- Compressed Air and Industrial Processes
- Commissioning and Maintenance
- Water Conservation and Audits
- ESOS requirements
- ISO 50001

Qualification:

Successful delegates will receive an CEA certification and be ESOS Lead Assessor.

Dates:

26th - 30th Jan, 2015

Venue:

High Street Kensington, London.

Cost:

£1,365 ex VAT. Includes certification fees.

Get in touch:

To find out more or for a friendly discussion, please contact:

ian.boylan@targetenergy.ie
+ 353 86 2353888
<http://www.targetenergy.ie>

To book this course, [please use this link here.](#)