

Energy Management Services in the Hospitality Industry



The energy bill of most hospitality units in Cyprus accounts for a large proportion of their running expenses, sometimes exceeding 20%. In order to address this, hotels tend to focus on specific actions mainly relating to reducing electricity consumption such as changing lights to LED.

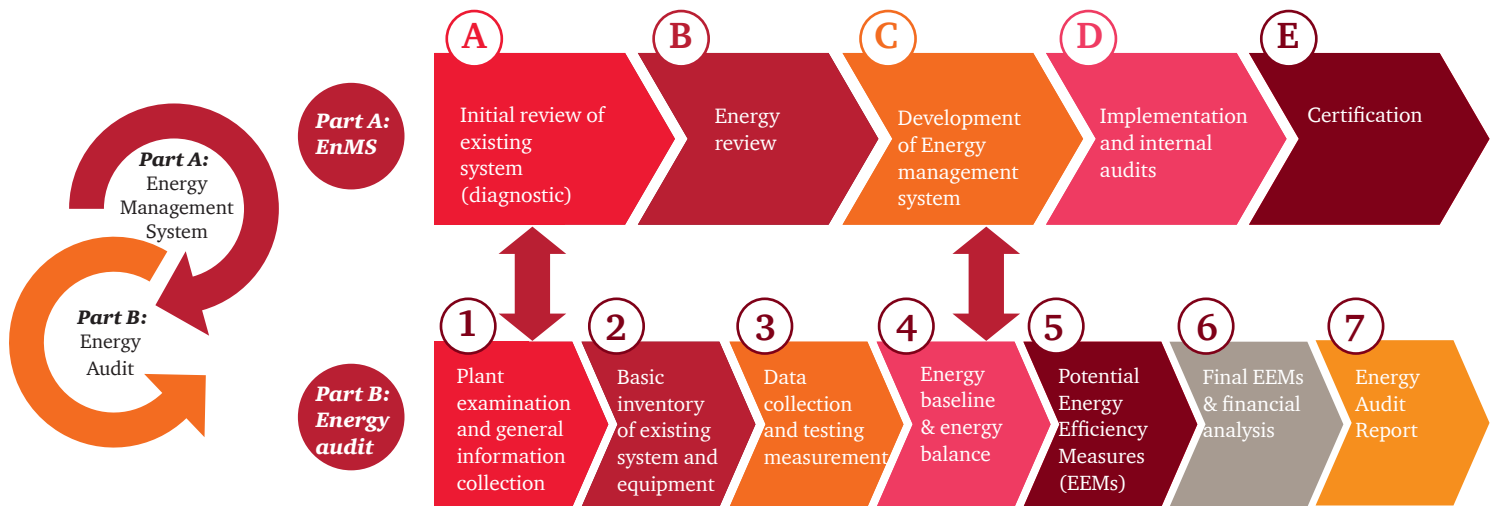
Furthermore, a new Energy Efficiency Directive imposes specific obligations on large enterprises such as large hospitality groups. Under this directive, obligated Parties are large enterprises (more than 250 employees and revenue exceeding €50 million or balance sheet must exceed €43 million).

Obligations

- Cy legislation requires companies to carry out energy audits performed by independent qualified experts every 4 years.
- Large companies which implement certified energy or environmental management systems can be exempt from the 4 year energy audit obligation provided an up-to-date energy audit is included as part of the Management System.

Our Integrated approach

Our approach is fully integrated connecting the Energy Audit process with the process of developing the Hotel's Energy Management System (EnMS). The following diagram shows the interconnectivity of the two processes.



How we add value

PwC's Sustainability & Climate change team has developed a set of tools, standards and competencies to assist the hospitality industry to reduce its energy consumption and also to adhere to the requirements of the Energy Efficiency EU Directive and Cyprus Legislation. This is implemented by:

- Preparing an Energy Audit Report for the Hotel's/ Group's premises and activities
- Carrying out a gap analysis in order to assess the present state (existing processes) with reference to the ISO 50001 energy management systems standard requirements
- Developing tools in order to document the energy performance of the Hotel and the energy baseline
- Developing tools in order to carry out the annual energy review
- Developing a mechanism for documenting, assessing and demonstrating compliance to legal requirements in regards to the EU Energy Efficiency Directive and the corresponding Cyprus Legislation Cy (149 (I)/2015)

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