



Talk on MS ISO 50001: Energy Management System – Requirements with Guidance for use

by Low Pek Jun

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On 28th April 2018, Saturday, the Electrical Division of IEM has hosted a talk on MS ISO 50001: Energy Management System – Requirements with Guidance for use, with the presence of more than 30 members of IEM. The speaker, Ir Francis Xavier Jacob, was an ex-Senior Analyst of Energy Commission of Malaysia since 1991.

With majority of countries are highly depends on the foreign resources, the price of energy are highly volatile and not to mention uncontrolled pollution of the energy waste especially from the developing countries. UNIDO in March 2007 hosted an experts meeting to address above issues and their response was developing international energy management standards based on regional energy management standards and good practices. On June 2011 the ISO 50001 are published and Malaysia adopted in September 2011 and ever since, multiple seminars has been conducted to spread the awareness to the publics.

In the talk, Ir Francis shared that the standard are able to guide a framework of requirements for organizations to establish the policy for more efficient use of energy. The organizations are recommended to fix targets and objectives yearly to meet the policy made earlier. The per said standard are able to supports organisations in all sectors to use energy more efficiently, through the development of an energy management system (EnMS)

The established system and processes the necessary data to better understand and make decisions about energy in a way to improve the energy performance, including energy efficiency and intensity. This include the necessary of measuring the results before/baseline and after for comparison.

Ir Francis recommends to continuously reviewing how well the policy has works at least once a year, to determine the needs to amend the policy or remain.

The MS ISO 50001 standard is based on the management system model of continual improvement also used for other well-known standards such as ISO 9001 (Quality Management) or ISO 14001 (Environmental Management). This makes it easier for organisations to integrate energy management into their overall efforts to improve quality and environmental management.

With the continue effort and best practices in energy management helps organisations to save money as well as helping to conserve resources and tackle climate change & carbon footprint. Photos below summarised the event of the day.



The participants



EETD Committee appreciating the speaker