

Implementation of energy management key practices in Malaysian Universities

Abstract

This paper describes the level of energy management practices in Malaysian Public universities. Prior to the identification of the level of implementation, a measurement tool aimed to measure energy management key practices has been developed. A Questionnaire survey, designed according to the measurement tool was conducted among energy-management-related departments of 13 Malaysian public and private universities. The findings indicate that key practices which are implemented the most in the phases of planning, implementation, and monitoring and evaluating respectively are 'gain top management commitment', 'perform maintenance', and 'tracking and targeting'. The key practices which are implemented the least well in the foresaid phases respectively are 'develop education plan', 'conduct energy audit', and 'maintain good relations with other departments'. This paper enables management teams of universities to understand the level of energy management implementation and to pinpoint critical energy management areas for further advancement and improvement.