

ESTABLISHING LOAD PROFILE USING REMOTE METERING SYSTEM

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ABSTRACT

Energy efficiency is distinctly important in the economic trend of millennium. Efficient usage of energy will not only save but also helps to create healthy environment.

This project paper discusses about the highly usage of load demand and power factors in UiTM Shah Alam. The study consists of three types of building, the Maintenance Department, Cempaka Hostel and the Faculty of Business Management. The data is taken from the Maintenance Department using remote metering system.

Each building are have been installed a remote metering system that can store, record, and analyses all the data that needed. Metering / monitoring is a new method used to obtain energy data and method of converting data to useful information in the form of graphical and report output.

Energy cannot be well managed unless there is a way to identify the major users and then easily trend the consumption patterns to identify potential reduction in energy per unit of production or per service performed [7].

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