

Industrial Energy Audit Using Data Mining Model Web Application

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Summary

The excessive use of energy in industrial sectors necessitates the decision maker to always question on how the energy is being used efficiently. Energy used for air-conditioning and lighting in a medium industry counts for almost 60% of the total energy used. The small percentage of energy use reduction relates to the lower product cost and higher profit margins. Therefore, it is important to the decision makers of an industry to have a proper method to audit the building plant and to come up with the practical actions needed in optimizing the use of energy, while at the same time to improve the comfort and product quality. This paper shows the data mining web application for energy audit that can be used in a typical industrial site.

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