Abstract

forty-five percent of Indonesia's population doesn't get any electricity due to lack of power supplies sixty percent electricity resource uses fossil energy and become main contributor of global warming by forty percent. So, it is necessary to decrease carbon emissions.

Internet of Things is a physical object that can be used to connect and disconnect electric current with automation to save money. To apply the automation system, Machine Learning method will be used to create a program that learn from list of data. This program designed to be self-learning With the application of IOT technology and machine learning is expected to more users can efficiently use electricity in order to avoid wastage

Keywords : electricity, *Internet of Things, Machine learning*