

***The Energy Audit of Kopi Teko Coffe Shop in the district of Rogojampi
Banyuwangi Regency***

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ABSTRACT

An energy audit is a collection of data on the use of electrical energy in the previous period by calculating the intensity of electrical energy demand (IKE), which then aims to determine the potential for energy savings. Because the basic electricity tariff continues to rise, this triggers the public's desire to be able to minimize the expenditure of electricity needs every month. This research was conducted in a shop called Kopi Teko, located in Rogojampi District, Banyuwangi Regency. The shop building with the concept of a comfortable and classic oldstyle residence with a little aesthetic touch on the furniture and furnishings. This shop has a power of 2,200 VA Class R-1/TR, with an electricity tariff of Rp. 1,444.70 per kWh and includes non-AC residential buildings. In the audit process, it is necessary to calculate the value of Energy Consumption Intensity (IKE) so that it is found that the figures will be compared with the IKE standard according to the Ministry of National Education of the Republic of Indonesia to determine the efficiency level category.

Keywords : Energy Audit, Intensity, Consumption, Electric.