

Audit Energi Listrik dan Sistem Pencahayaan SD Negeri 3 Ketah Kecamatan Suboh Kabupaten Situbondo. *Audit Of Electrical Energi And Light Sistem Of SD Negeri 3 Ketah, Suboh District, Situbondo Regency*
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ABSTRACT

Energy Audit in Industry is a form of organized survey in a particular Industry to identify and measure all energy use, determine sources of energy waste, and recommend energy saving opportunities (ECO = Energy Conservation Opportunities). is underway at a facility and looking for alternatives to reduce the cost of using energy (Anagra, 2020). The purpose of the research is to analyze opportunities for saving energy consumed at SD Negeri 3 Ketah and calculate the value of Energy Consumption Intensity at SD Negeri 3 Ketah. The research results obtained very good results. efficient that it can be concluded Calculation of the value of Energy Consumption Intensity (IKE) for the past year starting from January to December it can be seen that the value of the Intensity of Electrical Energy Consumption per year is 807.6 kWh/year with an area of 1000 m² IKE standard for non-air-conditioned buildings is 0.84 kWh-1.67 kWh. While the results of the calculation of the IKE for schools in SD Negeri 3 Ketah are 0.80, therefore SD Negeri 3 Ketah is efficient according to the IKE standards

Keyword = Energi Audit, Energi Consumption Intensity, SD Negeri 3 Ketah