ABSTRACT

Medical faculty of Airlangga University as an education institution which put student's quality in the front line, of course needs lot of energies especially electric energies during the education process. However, the usage of these energies should be effective and efficient. The question is, has it been effective and efficient. President instructions number 10 year 2005 and president rules number 5 year 2006 about energy conservation can be used as the foundation to solve the problem above. What we should do is applying the electric energy management for more effective and efficient usage of electric energy.

Supporting the electric energy management, it will be done in various ways. Two of them are energy audit and management. By comparing electric consumption intensity (ECI) with national standard, it will be acknowledged which work unit that need further evaluation. Therefore, it can be solved by energy conservation ways within no cost investment, medium cost investment, or high cost investment.

From those management processes, it will be expected that electric energy thrifty and power quality increment will be gained in medical faculty of Airlangga University.

Key word: efficiency, energy conservation, electric energy management.