



7th INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION FOR ACHIEVING SUSTAINABLE DEVELOPMENT GOALS”

Energy Audits: Ecological Sustainable Research Center

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Abstract

The purpose of this paper is to present the obstacles to carry out the conduction of an Energy Audit in the Ecological Center of the State of Sonora with the final purpose of increasing the energy efficiency in its facilities. It is called Energy Efficiency (EE) when a reduction is achieved in the amount of electric power and fuels that are used without affecting quality (ACEE, 2017); to achieve EE, it is necessary to promote actions where technological innovation projects are linked (Huitron, 2017) because this type of technology leads to the reduction of energy consumption in order to regulate energy intensity (EI) (Factor Energia, 2017). EI is a relevant development factor to achieve an improvement in energy efficiency (World Energy Council, 2010), and this improvement is achieved through the reduction of energy consuming activities, as well as being more efficient in the use of it energy (Mendiluce and Linares, 2010).

Keywords: *Energy Efficiency, Energy Audits, Energy Intensity*

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