

Eficiencia Energética en el Ambiente Domestico

Nicolas Gonzalez Gil, Luis Sebastian Landeros Barrera
Universidad ECCI, BOGOTA 94305, COLOMBIA



Abstract

This article presents an alternative of an energy use, which allows reduce by a considerable percentage the usual energy consumption that is done in homes and the global energy demand in a population. Statistical sampling is performed in a municipality of the department of Cundinamarca in Colombia, with which a database was obtained that allowed to obtain consumption Average energy for one year. Based on these results, it was decided to design an artifact of type Small-scale hydroelectric, which will be implemented in household pipelines allowing generating electrical energy by means of the flow generated in the pipe at the moment when the water tap is open. This device allowed to reduce the consumption of electricity in homes that was implemented in the minus 37 percent of the population.



2. "Sailing against the current. The cucapás and environmental legislation"; scielo/ 1870-1191, vol.6 no.12,2010.
3. "Chapiquiña social cartography: vindicating indigenous territorial rights in Los Altos de Arica, Chile"; Journal of Social Sciences, 1390-8065.
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Biography:

Luis sebastian Landeros Barrera has completed his automation technologist and industrial robotics at the age of 21 years from Colombia University ECCI. Nicolas Gonzalez Gil has completed his automation technologist and industrial robotics at the age of 21 years from Colombia University ECCI

Speaker Publications:

1. "Adenda y corrigenda de Dugesiana 20(1): 17-41, la diversidad de los ciempiés (Chilopoda) de México"; Dugesiana vol 22 no.2 (2015).