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Use of Alternative Energies in the Contribution of an Eco-efficient Electricity Generation

ABSTRACT

The environment is a field of study very much taken into account at all levels. Research is carried out to recover ecosystems and live with them without causing their exhaustion. Problems like global warming or the destruction of the ozone layer were recently discovered and quick and effective actions are needed to solve them. On the other hand, electricity is an increasingly essential need, it provides comfort in our routine and contributes to rapidly growing technological development. So we must generate electricity but in a sustainable way, that is, its production is respectful with the environment in the long term. To achieve this sustainability, energy sources capable of satisfying current needs must be implemented without compromising future resources. This study its purpose is to interpret the vision of key informants on the use of alternative energies in the contribution of eco-efficient electricity generation, based on qualitative and constructivist research, also adopting the phenomenological - hermeneutical method, obtaining the information through in-depth interviews, processed through the techniques: categorization, structuring and triangulation. As a result, it was obtained that renewable energies present low efficiency due to the fact that they require complex technification. Also, it is concluded that fossil fuels are the main cause of global pollution and that alternative energies would mitigate it, since their production by causing less damage to the environment gives them an advantage over traditional ones, despite the latter being more efficient

Descriptors: Environment, pollution, electricity, alternative energy, fossil fuels

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