FACTORS AFFECTING THE UPTAKE OF THE SOLAR ENERGY IN ILDAMAT LOCATION, KAJIADO COUNTY- KENYA

By

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ABSTRACT

The purpose of this study was to establish the factors affecting the uptake of solar energy in Ildamat location, Kajiado County. The study reveals that most people have not received any formal or informal training on use or adoption of solar power, despite their willingness to acquire this knowledge. The extent to which the preference of traditional energy sources reaches in the area is closely related to the availability of such resources. The study concludes that the level of knowledge and awareness of solar technology influenced the adoption of domestic solar technology in Ildamat However, prior knowledge is generally considered of high importance as it is deemed to serve both as the foundation for integration of new concepts and as a potential obstacle to conceptual change. Lack of good investment plans also a big contributing factor to non-adoption of solar. The study finally concluded that nomadism, coupled with modernization had a good positive impact on the adoption of solar energy. The study recommends for increased awareness campaign on the use of solar energy. This can be done through seminars, workshops and public barazas where members are invited for training and demonstration on the use and benefits of solar energy. There is also need for the Government to consider zero rating tax on solar equipment so as to influence lower pricing thus making it more affordable for purchase and installation of solar system

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