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Human behaviour in household energy use and the implications of energy efficiency delivery: A case of Bauchi, Nigeria (Article)

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Abstract

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Purpose: Although the term "energy efficiency" is technologically focused, it has a behavioural content due to the associated energy conservation practice involved. The technology aspect applies essentially to the application of new or better technology in order to derive same output or level of service for less input energy, while the conservation aspect is attributed to behaviour. The paper aims to discuss these issues. Design/methodology/approach: In an attempt to expound on this understanding, a social survey of some households in Bauchi town, Nigeria was undertaken so as to seek ways of improving the energy use situation of the country. The principal objective is to determine the influence of human behaviour in energy efficiency delivery in the households. Findings: The result reveals a much low level of energy efficiency practice by the occupants due largely to lack of awareness and requisite knowledge on the phenomenon of energy efficiency. Originality/value: Finally, the study highlights on the implications of good energy efficiency practice in household energy use as derived from the present as well as past studies in a bid to attain energy sufficiency. © Emerald Group Publishing Limited.

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- 1 Abdul Majid, N.H., Hussaini, I.U.
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