

EVALUATION OF SENSATIONAL FACTORS FOR HUMANIZING RESIDENTIAL ENERGY USAGE RESPONSIVENESS

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Abstract

The purpose of this paper is to analyze the critical factors that affects positively in improving the energy responsiveness at home. Residence is one of the most important end-use sectors, consuming primary as well as secondary energy. Due to permanent diminution of energy sources, the protection of energy is one of the ways to save the energy. Energy behavior in most proficient way, will significantly lead to energy conservation. In this paper the review of energy responsiveness surveys carried out by researchers all over the world has been taken. The models to study the energy handling pattern for residences are presented. The effectiveness of various energy efficiency measures like STAR labeling, Carbon footprints measurement, Public engagement, Home energy audit reports have been analyzed. The findings have been tabulated including factors governing the energy awareness, suggestions to improve the energy awareness in conjunction with the barriers that may be encountered during process.

Keywords : Energy responsiveness, Energy consumption, Residential energy, Energy awareness, Household.

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