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on a macro-evaluating system**

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**ABSTRACT**

In order to realize sustainable development of the whole economic society, the evaluation of the energy efficiency level of energy consumption sectors (ECSs) is urgent and necessary. This study elaborated the concept of the energy efficiency improvement from the perspective of whole society to establish a macro-evaluating system (MES). Industry, transport, civil buildings are the three major ECSs in China at present. By analyzing the status of each energy consumption sector (ECS) and the relative energy efficiency technologies, a hierarchical evaluation model, including evaluation factors, sub-factors, weights for each factor and sub-factor, was proposed for each ECS. With the help of the Analytic Hierarchy Process with Delphi (AHPD)

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