

عنوان مقاله:

An investigation of energy usage intensity changes in iran

محل انتشار:

دومین کنفرانس بین المللی مدیریت، کارآفرینی و توسعه اقتصادی (سال: 1392)

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خلاصه مقاله:

Iran as a most famous energy exporting country had a increasing in energy intensity from the 1979 revolution until 2009, but since then the rate of increasing slowed and energy intensity actually decreased in 2007. Most of this energy intensity decline can be accounted for by falling coal and gas consumption in the industrial sector. In other word and to the best of our knowledge, no decomposition study has investigated the role of inter-fuel substitution in the decline in energy intensity or causes of the rise in energy intensity since 2007. In this paper, logarithmic mean Divisia index (LMDI) techniques are established for decompose changes in energy intensity in the period 1980-2009. The results showed that technological change is confirmed as the dominant contributor to improve in energy intensity and structural change at the industry level actually increased energy intensity over this period. Also this changes for .industry sector is more and for agriculture is so smoothed

کلمات کلیدی:

Energy Intensity, Logarithmic Mean Divisia index (LMDI), Technological Change, Structural Change

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