

The Relationship between Energy Consumption and Economic Growth in Turkey: A Time Series Analysis

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Abstract : Turkey is a country in the process of development and its economy has undergone structural reforms in order to realize a sustainable development and energy has vital role as a basic input for this aim. Turkey has been in the process of economic growth and development and, because of this, has an increasing energy need. This paper investigates relationship between economic growth and electricity consumption using annual data for Turkey between 1970-2008 by using bounds test. As economic growth and energy consumption variables used in empirical analysis was different order of integration $I(0)$ and $I(1)$, we employed bounds test approach. We have not found co-integration relationship between the variables.

Keywords : bounds test, economic growth, energy consumption, Turkey

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