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# OECD Ülkelerinde Sektörel Enerji Tüketimi ve Sanayi Üretimi: Uygulamalı Bir Analiz / Sectoral Energy Consumption and Industrial Output in OECD Countries: An Empirical Analysis

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## ABSTRACT

The purpose of this study is to analyze on the relationship between sectoral energy consumption and industrial output in OECD countries by utilizing Johansen Cointegration Test. We first undertake a review of the literature regarding sectoral energy consumption in OECD countries. Then we investigate the determinants of sectoral energy consumption in OECD. In this respect, we consider consumptions of electricity, oil, natural gas, and coal separately in industry sector. To construct the framework of the empirical analysis, we first review sectoral energy demand models in the relevant literature. We then use Johansen cointegration test to analyze of relationship between sectoral energy consumption and industrial output in OECD countries. In the framework of this method we consider five different models.

**KEYWORDS** Natural Gaz Demand; Industrial Sector; Price and Income Elasticities

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