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Analysis on Energy Import Strategies in Turkey: Game Theoretical Approach

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ABSTRACT

After 1990s energy demand have been increasing day by day especially in developing countries, those countries have been trying to catch up other developed countries growth and development trend, however, for Turkey this is crucial issue because of sufficient Domestic energy sources. Within game theoretical approach, it will be analysed upon exporter countries and Turkey which is importer in this study. Splitting pie game will be used in this study to examined last decade's energy import. Turkey's energy demand pie is about 33,599 million dollar each year and big part of pie has been getting from Middle Eastern countries and Arabic countries. Middle Eastern and Arabic countries has been facing political crisis in last decade so it might create either beneficial or loosen position for Turkey. It is clear that Turkey is one of the important countries in Eurasian countries with its geo-politic position, increasing population of youth and also developing industry, depending on this Turkey needs to consider every possible way to enforce energy policies. In this study, with changing exporters the game will re-apply for Turkey and comparison analysis it might be recommendation for policy makers to draw new energy policy in Turkey next decades.

KEYWORDS political economy; energy policy; game theory

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