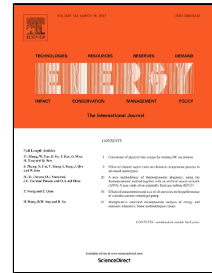


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A Conceptual Framework for Energy Security Evaluation of Power Sources in South Korea

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## Research Highlights

- A model that contributes to national energy security by energy source is proposed
- Renewables, shown improve gradually, are beneficial in SS, EC and IO indicators
- Nuclear, shown improve gradually too, is beneficial in GH and TC indicators
- Fossil fuels such as LNG and coal have been improved in terms of indicators GH and SA
- This model is expected in finding out the security enhancement factor by energy source

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