

Submission Summary

Conference Name

44th IAEE International Conference - 2023

Paper ID

204

Paper Title

Health Effects of Fuel Transitions in India: Evidence from Panel Data

Abstract

We use a nationally representative panel data and combine difference-in-differences methodology with multivalued treatments to look at the impact of cooking fuels switch towards LPG on the probability of short-term adverse respiratory health outcomes such as cough and cough with breathing issues. We find that a switch by households from polluting fuels to LPG reduces the probability of any household member reporting adverse short-term respiratory issues. However, a switch from polluting fuels to a fuel stacking strategy has no impact on the adverse respiratory health issues. A reverse switch by households from LPG to polluting fuels increases the probability of household members reporting adverse health outcomes. Importantly, the clean switch to LPG has a much larger impact for women in reducing the incidence of short-term adverse respiratory outcomes.

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Energy Access

Submission Files

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