

Review of: "Increasing Renewables and Building Retrofit in a Coal-Based Cogeneration District Heating System"

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Potential competing interests: No potential competing interests to declare.

The paper focuses principally on the role of energy efficiency in buildings and at the same time analyses coupling of the power and heating sectors in a cogeneration coal-based district heating system. The analysis is based on EnergyPLAN software which is a relevant software for these studies. Several scenarios were performed to evaluate the differences in the PES and RES resulting in increase of renewable energy in the overall energy generation and a decrease of CO₂.

In general the paper is well organised, the method is well explained and properly developed.

I recommend this paper for publication.