

# 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.

Dear Authors,

I appreciate the effort you have put into this paper. I would like to highlight some areas for improvement of this work.

**Writing style:** I suggest proofreading the work to have a better paragraph structure. Paragraphs should follow a suitable structure to send your message clearly to the reader. Check the abstract as well to ensure that your contents follow what you are claiming in the abstract, discuss the research gap clearly to highlight the novelty of your work, and present some numerical data from your results to highlight your key findings. Check the LR section as well to ensure that it is readable and highlights relevant approaches. Carrying out a systematic LR would be a suggestion to ensure that you are covering all the aspects and raising the quality of your LR. When it comes to abbreviations, you need to ensure that they all are being introduced in advance.

**Methodology and Results:** You have presented various scenarios. Explain how realistic they are and provide some rationales for the parameters and values considered. EnergyPLAN is mentioned in your paper. It will be good to provide a brief background of this model. Present the dataset used for your analysis so that readers can understand where the results of Figures 4 and 5 are coming from. Explain the results in detail. Explore the challenges of the application of it too.