

Review of: "The Nexus between Energy Policies and Supply: A Descriptive Evaluation of Nigeria and UK Energy Sectors"

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Potential competing interests: No potential competing interests to declare.

Thank you for inviting me to review this paper, which lies close to my research interest.

In general, the research paradigm of this manuscript is quite different from the common empirical research, which will be more like a survey report or policy analysis report to readers. Of course, because the authors did make enough effort in the survey, the reviewers still believe that it is worthwhile to give the authors the opportunity to improve this manuscript. The main directions of these improvements include but are not limited to: a more accurate and detailed introduction of the methods and objects of the survey, an in-depth exploration of the impact of the issues (phenomena) found in the survey by using methods like regression, Refine the conclusion and give suggestions for energy policy improvement, etc. Specific comments are listed below:

1. Literature Review and Background:

The authors used a long text to introduce the policy evolution history in the Literature Review section, but the reviewers and readers could not find the real Literature Review in this section. Such content construction may be inappropriate. In terms of its space, the evolution of policies may be the content that this manuscript tries to focus on. The authors should include it in a more appropriate chapter, such as "Theoretical mechanism", and use institutional evolution theory and comparative advantage theory to analyze the policy evolution theoretically.

2. Results and Discussion:

The analysis results are full of display and descriptive statistics of the survey results, which should be moved to the "Materials and Methods" section. From the perspective of reviewer, if the authors want to analyze the effectiveness of Nigeria's energy policy, they should use the survey data to do some simple regression analysis to judge whether the problems found in their research significantly affect the performance (or efficiency) of energy use.

3. Conclusions:

The conclusion should not simply repeat the findings in the "Results and Discussion" section, which cannot ultimately reflect the application value of the research work in this manuscript. The proposal is divided into three parts: a. Point by point list the challenges you find and tell the reader how they affect energy applications in Nigeria. b. Describe the inspiration of the research work in this manuscript for Nigeria's energy policies in the future, and how the research work in this manuscript can play its application value. c. Give some brief policy suggestions, and it is better not to directly copy the policies of other countries.