

Review of: "Mathematical Assessment of the Reliability in a Complex Deregulated Power System"

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Potential competing interests: No potential competing interests to declare.

I have carefully reviewed your submission titled "Mathematical Assessment of the Reliability in a Complex Deregulated Power System." While I appreciate the effort you put into your research, I regret to inform you that I cannot recommend it for publication in its current form. Here are some constructive comments regarding the shortcomings:

1. **Clarity of Objectives:** The manuscript lacks clarity in defining its research objectives. It is essential to clearly state the research questions or objectives at the outset to guide readers through the paper effectively.
2. **Methodology and Approach:** The methodology used for assessing reliability in a complex deregulated power system needs more detailed explanation. It is crucial to provide a comprehensive understanding of the mathematical models and techniques employed. Also, the discussions provided by the author already exist in various literatures.
3. **Literature Review:** The literature review is relatively shallow and does not adequately cover recent developments in the field. It's important to thoroughly review existing literature to establish the context and significance of your research.
4. **Data and Assumptions:** The data sources, collection methods, and assumptions made in the study are insufficient.
5. **Results and Discussion:** The results presented are limited, and there is insufficient discussion to interpret their implications. The paper should include a more comprehensive analysis and interpretation of the findings.

I encourage you to address these issues and consider resubmitting your manuscript after thorough revision. Please feel free to reach out if you have any questions or need further guidance on how to improve your work for potential publication.