

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.

The manuscript required to be drastically improved to match the Journal Standards.

1. Kindly reframe the Abstract. The Abstract should be concise and informative explicitly flaunting the core findings of the work.
2. Incorporate a robust tabular comparison of the proposed Mathematical assessment of the reliability in a complex deregulated power System, with other analyses (on relevant parameters of current interest) recently published in high-impact journals (not older than 2017) in the domain.
3. Based on the tabular comparison, please mention (point-wise in bullets) the previous drawback/research gaps that motivated you to pursue this study.
4. Then Highlight your contribution (Point-wise) to addressing the research gap.
5. Incorporate the complete organization of the article at the end of the introduction section; i.e., how has the manuscript been organized?
6. Paper Organization is also required to be improved.
7. The manuscript in its current form is mostly written with a theoretical approach.
8. The approach/methodology is not clear and hardly connected to the work.
9. The Result section seems very poor from the journal perspective; Kindly Strengthen the result section by incorporating some more test cases of interest supported by relevant graphics and followed by numeric analysis in support of the test cases. In its current form, this doesn't justify the work properly.
10. The approach or framework is highly bookish and Theoretical, while scientific contributions are trivial.