

# 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.

Appreciating work. The paper is well written with novelty. However, the quality of the paper can still be improved. The paper should be modified by incorporating the following comments.1. Abstract should be improved.2. Introduction should be divided the into 4 subsections: 1) Literature review, 2) Research gap and motivation 3) Contribution and 4) paper organization.3. The main contributions of this paper should be further summarized and clearly demonstrated. This reviewer suggests the authors exactly mention what is new compared with existing approaches and why the proposed approach is needed to be used instead of the existing methods.4. Language requires improvement.5. Please enhance conclusion section. Study outcome should be given in points.6. The literature review requires improvement.7. Most of the references have limited information of vol, no, page no. etc..