

# 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.

Dear author,

the proposed work requires major revisions to be both readable and scientifically valuable. In particular, some of the required revisions are as follow:

- Ensure that acronyms should be defined only once.
- While aggregators and retailers are mentioned in the work, their respective roles are not described. Please, provide them.
- Some figures are not well-presented and lack legends. They should be mentioned and described within the article.
- Provide a few reference illustrating how FACTs can contribute to system stability.
- The description of the mathematical formulation is incomplete and not clear. Please, provide an initial description of the proposed formulation with an explanation of all used symbols, the purpose you are introducing it and references supporting your mathematical approach.

In conclusion, a thorough revision of the entire paper is needed.