

# Review of: "Chronological simulation and Quantitative Evaluation of System Reliability in a Complex Restructured Power System"

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Potential competing interests: No potential competing interests to declare.

The paper "Mathematical assessment of the reliability in a Complex Deregulated Power system" focuses on performance based regulation within the bulk power system via utilizing sequential simulation to evaluate composite system reliability. The suggested method centered on optimizing the placement of distribution generators and flexible alternating current transmission system devices with particular focus on their ratings and locations.

The topic of the article was interesting but I kindly request the authors to consider the following points:

- In constraints 1 to 4, the role of variables and is not specified and stated in the text.
- On page 6, T should be changed to
- In the 3<sup>rd</sup> and 4<sup>rd</sup> sections, only the previous studies have been discussed and no new method is mentioned.
- In which part of the method is the genetic algorithm used?
- Figure 4 is not mentioned or explained in the text.
- I suggested that the article should be rewritten from a scientific point of view.