

# 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 research work focusses on regulating the performance within deregulated power system particularly within electricity markets that incorporate Distributed Generators by employing sequential simulation to assess composite system reliability. The approach introduced optimizes the placement of Distributed Generators and flexible Alternating current Transmission system devices using Genetic Algorithm. The study helps in understanding the importance of positions of these devices.

There are few comments for the paper:

1. The abstract and introduction section should clearly discuss the contributions of the paper.
2. The authors need to work on the paper positioning and the names of various sections.
3. There should be sections of methods, Implications, threats to validity.
4. There is no clarity about how the developed mathematical model has been validated.