

# 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.

1. Avoid repetitive usage of word substantiate/ substantial.
2. Overall structure of Abstract need to be improved.
3. Sentence after reference [8], mentions two words power system stability and transient stability, which is a subset of power system stability, so should be avoided, rather use small signal stability in the first place.
4. Discuss briefly how this approach mitigates the uncertainties arising from solar parks and wind energy.
5. Writing Static Compensators, make Static Synchronous Series Compensators (SSSC) superfluous.
6. Format normal and extremis states properly.
7. Try to include related diagrams for easy reference of readers.