

# 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 authors provided details on the deployment of multiple FACTS devices in the system's most vulnerable zones. This deployment facilitated the calculation of EENS (Equivalent Energy Not Supplied) and, in tandem, enabled the evaluation of interconnected reliability metrics, including system frequency and duration. This comprehensive approach not only enhances overall system reliability but also fosters the efficient operation of both transmission and distribution networks. The simulation results robustly endorse the alignment of power system reliability objectives in deregulated power systems with mandated standards, thereby advocating for the restructuring of power networks.