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Peer Review

Review of: "Dynamic and Power-Quality Impacts of High Photovoltaic Penetration on Distribution Feeders That Static Load-Flow Studies Overlook"

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Strengths

- Addresses a highly relevant problem in modern power distribution systems.
- Clearly explains why dynamic effects and harmonics are overlooked in conventional load-flow studies.
- Well-structured and easy to follow.
- Includes useful analytical examples, comparison tables, and practical engineering insights.

Weaknesses

- Review methodology is not sufficiently rigorous for a high-impact journal.
- Limited number of references and lack of systematic literature coverage.
- More critical comparison and quantitative synthesis of studies are needed.
- Several figures rely on secondary sources rather than original publications.

The manuscript presents a valuable review topic and has the potential to make a meaningful contribution to the PV hosting-capacity literature. However, publication should be considered only after the authors improve methodological rigor, strengthen critical analysis, expand the literature base, improve reference quality, and provide a more quantitative synthesis of existing studies.

Declarations

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Potential competing interests: No potential competing interests to declare.