

Review of: "Assessing Reliability and Economic Viability of Different EV Charging Station Configurations"

Zulu Esau¹

¹ Hokkaido University

Potential competing interests: No potential competing interests to declare.

1. In the introduction (Chapter 1), the authors mention that the EV charging stations pose challenges to the distribution network without explicitly tabulating the said challenges. Could the authors ensure they indicate what the challenges are.
2. In the methodology (Chapters 2 and 3), there is a lot of ambiguity in the way the methodology adopted has been laid out. Could the authors consider using some graphical presentation of their proposed method? Is it possible to also outline why their proposed method is better than the state-of-the-art methods?
3. In chapter 4, the voltage stability index is mentioned without a clear correlation to EV charging. Could the authors try to provide a relationship between EV charging and VSI through some equations, et cetera.
4. The results presented and analysed in chapter 5 are highly questionable because there is no indication of the specific system used. The character and nature of results presentation is also not so good. There is no clear indication of where and how these results have been generated. Could the authors provide a thorough description of the system being examined and give substantive results in graphs or tables for ease of comprehension of the findings.