

Reply to reviewer 4

The manuscript sustainability-2687388 is devoted to the actual scientific problem, namely study of existing peer-to-peer energy trading platforms. The reviewed article is interesting for scholars and theme of the article meets the scope of the journal. Work is performed at sufficient scientific level and has good quality. The manuscript may be considered for publication after minor revision in Sustainability. Prior publication of this manuscript following points needs to be addressed:

Thank you very much Reviewer 4. We appreciate your time and effort to provide feedback. We did our best to address all your comments in the revised manuscript. We have marked responses (in red) as follows and defined the changes in the revised document with track change.

Point 1 : Improve the quality of Figures 2-5.

Response

Thank you for your insightful comments. We have modified the figures to make them clearer.

Pont 2: The topic discussed by the authors is quite debatable and can have many directions for development. Therefore, the approach proposed by the authors may have some limitations. To avoid this problem, I propose to add separate section "Limitations and prospects for further study".

Response

Thank you for your insightful comments. We have added a section titled "Limitations and prospects for further study"- page 18.

Point3: Review and update the reference list according to the journal's style guidelines.

Response

Thank you for your insightful comments. We had added references, such as
M. Vásquez-Léon, B. J. Burke, and T. J. Finan, *Cooperatives, grassroots development, and social change: Experiences from rural Latin America*. University of Arizona Press, 2017
A. N. Mejdalani, J. E. Chueca, D. D. L. Soto, Y. Ji, and M. C. M. Hallack, "Implementing net metering policies in Latin America and the Caribbean: Design, incentives and best practices," 2018. Da Costa, R. P., Almeida, C. F. M., Udaeta, M. E. M., Municio, A. L., Nascimento, V. T., & Laurindo, F. J. B. (2022, October). Energy Commercialization Proposition into a P2P Framework in Micro-grids for Brazilian Energy Communities. In 2022 IEEE International Conference on Power Systems and Electrical Technology (PSET) (pp. 280-289). IEEE. Hochstetler, R. L., & Born, P. H. (2022). Community energy design models in Brazil: from niches to mainstream. In *Energy Communities* (pp. 317-338). Academic Press.
Condon, F., Franco, P., Martínez, J. M., Eltamaly, A. M., Kim, Y. C., & Ahmed, M. A. (2023). EnergyAuction: IoT-Blockchain Architecture for Local Peer-to-Peer Energy Trading in a Microgrid. *Sustainability*, 15(17), 13203.