

Review of: "Internet of Things in Smart Grid: A Comprehensive Review of Opportunities, Trends, and Challenges"

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Potential competing interests: No potential competing interests to declare.

Title - Internet of Things in Smart Grid: A Comprehensive Review of Opportunities, Trends, and Challenges

In this paper, authors emphasize the significant research works that concentrate on the application of IoT to smart grids and summarize the current work done. The paper also discusses the various challenges and opportunities in smart grids while implementing the IoT, addressing the pioneering methods used in IoT along with their relevant application in different fields.

Comments

1. Abstract is not well written (IMRaD is a standard format for writing abstracts in an orderly mannersuch as i. Introduction, ii Methodology, iii Results and iv Discussions). A summary of the results is missing from this abstract
2. Keywords are missing in my version
4. The introduction can be enriched by citing recently published related papers;
 - a. Internet of Things with Deep Learning Techniques for Pandemic Detection: A Comprehensive Review of Current Trends and Open Issues. Electronics 2024, 13, 2630. <https://doi.org/10.3390/electronics13132630>
 - b.) Internet of Things Enabled Convolutional Neural Networks: Applications, Techniques, Challenges, and Prospects, In: IoT-enabled Convolutional Neural Networks: Techniques and Applications, Chapter 2, *River Publisher*, pp. 27-63, DOI:[10.1201/9781003393030-2](https://doi.org/10.1201/9781003393030-2), Taylor & Francis Group
4. The problem that the author is trying to address in this paper is not clear yet
5. Add the contribution of this study and the organization of the study towards the end of the Introduction section
6. Services of a language expert are required
7. Image quality needs to be improved
8. Ensure that all figures are properly labeled and referenced

