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| Book Name: | [**Engineering Research: Perspectives on Recent Advances**](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4797** |
| Title of the Manuscript: | **A Comprehensive Review of Existing and Pending University Campus Microgrids** |
| Type of the Article | **Book Chapter** |

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**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Energies, 17(10): 2425, 2024.**

**Available:** [**https://doi.org/10.3390/en17102425**](https://doi.org/10.3390/en17102425)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This article highlights the increasing adoption of microgrids of the universities because of their reliability and reduced dependence on the conventional grids. This article provides the economical, environmental and technical comparison of renewable energy resources, like geothermal, wind and photovoltaic and discuss the different components of microgrid. By exploring various configurations of microgrid, the study identifies the Hybrid-PV-Grid connected system as the most effective configuration due to cost effectiveness.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, it is correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **These are sufficient.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, it is |  |
| Optional/General comments | While comparing the different configurations for campuses, it would be good if you can also perform the economical comparison, and state that which configuration have the high and low capital and operational costs etc. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewers:**

**Talha Farooq, USA**