|  |  |
| --- | --- |
|  | |
| Journal Name: | [Journal of Scientific Research and Reports](https://journaljsrr.com/) |
| Manuscript Number: | **Ms\_JSRR\_140641** |
| Title of the Manuscript: | **CONSTRAINTS FACED BY FARMERS IN ADOPTION OF SOLAR POWERED IRRIGATION SYSTEM** |
| Type of the Article | **Original Research Article** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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.** | **Can potentially provide a sustainable and affordable solution for power in irrigation farming.**  **Open new area of research in irrigation studies.**  **Stimulate an environmentally friendly approach in irrigation activities.** | The finding will be helpful for extension personnel, solar agencies, policy makers, researchers etc. The findings will show the ground reality of solar powered irrigation |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Better if a study area is identified with the title.** | The title can be “Constraints faced by farmers in adoption of solar powered irrigation system in Southern Rajasthan” |
| 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. | **I suggest addition of key finding with figures and areas of further research.** | I added figures of findings “**The most severe constraints were unable to locate fault during operation (88.66 MPS), unavailability of credit at marginal rate (85.00 MPS), difficulty in finding a service mechanic in nearby area (82.33 MPS) and customer care centers are unavailable in nearby areas (81.16 MPS)”.** |
| Is the manuscript scientifically, correct? Please write here. | Okay |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Scanty reference particularly in the introduction and results. Previous relevant studies in the field should be referenced. | Some reviews added in introduction part. Irrelevant matter removed from introduction part |
| Is the language/English quality of the article suitable for scholarly communications? | Okay |  |
| Optional/General comments | **The topic is timely and relevant in context of sustainable irrigation practice and climate smart agriculture** |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* |  |