

Review Form 3

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|--------------------------|---|
| Journal Name: | Asian Journal of Chemical Sciences |
| Manuscript Number: | Ms_AJOCS_127312 |
| Title of the Manuscript: | Hydrogen Fuel Cells for Distributed Power Generation: A Review of Technologies, Applications, and Performance |
| Type of the Article | Review Article |

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

| <u>Compulsory</u> REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | This article is very useful as it is concerned with one of the promising fuels for the future i.e. Hydrogen and further the most efficient way of making use of hydrogen i.e. the Hydrogen Fuel Cell; which acts as a storage device for Hydrogen Fuel. This Article has provided with the details of the working principle of such devices and also discussed the various other types of Hydrogen Fuel Cells with their brief and concise explanation. The language being used is very easy to understand. This further discusses the major challenges being faced in effectively harnessing Hydrogen and more challenging is its storage. | |
| Is the title of the article suitable? | 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 | |
| Are subsections and structure of the manuscript appropriate? | Yes | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? | I found this manuscript scientifically correct as all the working principles of different types of Hydrogen Fuel Cells are being explained with their chemical reaction formula and all the types are being explained with their respective diagrams thereby fulfilling the scientific correctness of the Manuscript. As all the details are explained explicitly it can be concluded that the paper is technically sound. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Yes | |
| <u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications? | Yes | |

PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|--|
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