

Review of: "Low-Carbon Hydrogen Economy Perspective and Net Zero-Energy Transition through Proton Exchange Membrane Electrolysis Cells (PEMECs), Anion Exchange Membranes (AEMs) and Wind for Green Hydrogen Generation"

Uliya Mitra

Potential competing interests: No potential competing interests to declare.

The manuscript with the title "Low-Carbon Hydrogen Economy Perspective and Net Zero-Energy Transition through Proton Exchange Membrane Electrolysis Cells (PEMECs), Anion Exchange Membranes (AEMs), and Wind for Green Hydrogen Generation" is an important topic as it deals with green hydrogen, which leads to a sustainable environment. The manuscript lacks in its structural and conceptual forms. Although it is a study, the literature review is not done properly. I suggest the authors modify the manuscript accordingly.

1. Is the Proton Exchange Membrane Electrolysis Cells similar to proton exchange membrane fuel cells as per the authors?
2. The literature review has not been done properly.
3. The transition between the paragraphs is not proper.
4. The manuscript requires proofreading as there are a lot of grammatical errors.
5. Figure 5 has not been mentioned in the text.
6. The manuscript does not provide a proper discussion of the topics.
7. The conclusion needs to be rewritten with the findings of the study.
8. The novelty of the study needs to be highlighted.