

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"

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Potential competing interests: No potential competing interests to declare.

Exploring the landscape of the hydrogen economy and its diverse production methods takes center stage in the article titled "Perspective on a Low-Carbon Hydrogen Economy and Net Zero-Energy Transition via Proton Exchange Membrane Electrolysis Cells (PEMECs), Anion Exchange Membranes (AEMs), and Wind for Green Hydrogen Generation." The current rendition feels more like an initial draft rather than a polished manuscript. Implementing the following suggestions could improve its chances of acceptance and publication:

1. The title is excessively long and could be condensed for better clarity.
2. It is advisable for the authors to offer a visual comparison of the outlined methods in hydrogen and power generation. This visual aid should be designed for reader-friendly understanding.
3. My recommendation to the authors is a restructuring of the manuscript, introducing a minimum of three distinct sections: (i) Hydrogen, (ii) Diverse Units' Systems, (iii) Production Methods involving Wind, AEMEC, and PEMEC, accompanied by detailed subsections.
4. It is advisable to incorporate references to more recent papers for an updated and comprehensive perspective.
5. The quality of the figures is subpar. I suggest authors consider replacing them with higher-quality alternatives.