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.

Reviewer Comments:

Title of the Manuscript: Low-Carbon Hydrogen Economy Perspective and Net Zero[1]Energy Transition through Proton Exchange Membrane Electrolysis Cells (PEMECs), Anion Exchange Membranes (AEMs), and Wind for Green Hydrogen Generation

The manuscript needs proper rearrangement for smooth reading. The manuscript may be considered after major revision.

1. English language needs polishing throughout the manuscript.
2. Expand the abbreviations when they appear first in the text.

E.g., CCS, RH, IEC,

1. The rearrangement of sections is required for smooth reading of the manuscript.
2. Authors may add a mechanism for the electrocatalytic splitting of water to produce hydrogen.
3. Add a few more examples of catalysts employed for H_2 production either by the electrolysis of water or using $NaBH_4$.

E.g., 1) Fuel, 129753, 357, 2024

2) International Journal of Hydrogen Energy, 50, Part B, 37, 2024