

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.

Despite the significance of the subject matter, the manuscript suffers from several shortcomings. It lacks coherence and sufficient information, making it challenging to discern its core message. The title is unclear and does not accurately reflect the content of the manuscript. The abstract is disorganized and fails to provide a structured overview. Furthermore, there are inaccuracies regarding PEMFCs and PEM water electrolysis (check the abstract). The term "nonnafion membrane," used in the abstract, is incorrect, as Nafion is just one type of PFSA membrane. The manuscript lacks clarity, organization, and structure, containing mostly superficial information without delving into the core technology. Transitions between topics are abrupt, with little connection or detail provided.