Review of: "[Commentary] Fallacy of Abundant Cheap Nuclear Energy"

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The present article delves into the dichotomy between "real" and "false" fuels, providing a comprehensive analysis of various energy sources. He critiques hydrogen and thermite, revealing their energy production to be outweighed by the energy invested in their production. Despite the recent breakthrough in fusion energy, the author emphasizes the need for careful consideration of associated energy costs. The author meticulously examines the energy expenditures of fission energy, challenging the perception of nuclear energy as a panacea. By dissecting the energy requirements of uranium extraction and enrichment, the author exposes the hidden costs of nuclear energy, prompting a re-evaluation of its role in the energy transition. Overall, his review offers a thought-provoking examination of energy sources, advocating for a nuanced understanding of energy dynamics and highlighting the complexities inherent in our quest for sustainable fuels.

But still, there needs some improvement before publication. My serious comments are as follows: The critique looks at fusion and fission as future energy options but ignores recent progress and environmental benefits. While it's right to question their energy efficiency, it focuses too much on drawbacks and skips advancements. It also dives into complex energy calculations, which might confuse general readers. A balanced view should recognize both challenges and improvements in fusion and fission technologies, considering their role in the broader energy discussion.