

Review of: "Water-Energy Nexus in Power Systems: A Review"

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Potential competing interests: NFSYMG

This paper provides a comprehensive review of the water-energy Nexus in Power Systems. However, the presentation of this paper should be improved further. Here are some key comments for improving this paper further:

1. Could you elaborate more on how the complicated relationship between water and energy affects power systems, and why it is regarded as a critical relationship for sustainable energy planning?
2. As a review paper, it is better to sort some important findings in the form of tables to easily comprehend the key contributions of the paper and for better readability. For instance, you can list the significant findings and concepts about the water-energy nexus in power systems through investigation, and add some remarks/comments on how they emphasize the critical role of water in power generation?
3. Could you please clearly address the issues encountered by the water-energy nexus, specifically in light of the far-reaching effects of climate change and the possible role of renewable energy solutions?
4. It is better to add some future trends and directions toward water energy in power systems.
5. Please crosscheck to improve some weak expressions and correct any typos.