

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

Ramya Ramya G¹

¹ SRM Institute of Science and Technology

Potential competing interests: No potential competing interests to declare.

This comprehensive review delves into the intricate relationship between water and energy in power systems, addressing the critical role of water in power generation and the energy required for water treatment and distribution. Synthesizing diverse academic research, the study explores the challenges posed by climate change and emphasizes renewable energy solutions. It scrutinizes complex policy frameworks governing the water-energy nexus, advocating for integrated approaches in energy and water management. The review identifies areas for further research and underscores the urgent need for innovative, sustainable solutions to manage water and energy resources effectively, efficiently, and resiliently.