IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 4, Issue 1, October 2024

Improved Framework for Hybrid Energy Harvesting

More Suresh B, Lokhande Vaibhav, Malik Samartha, Mhaske Utkarsh, Nighal Saurabh Lecturer, Department of Mechanical Engineering Santosh N Darade Polytechnic, Yeola, Nashik, Maharashtra, India

Abstract: The increasing demand for sustainable energy solutions has led to the development of hybrid energy harvesting systems that combine multiple energy sources. This paper proposes an improved framework for hybrid energy harvesting that enhances efficiency, reliability, and integration of renewable resources such as solar, wind, and kinetic energy. The framework addresses existing challenges and outlines a pathway for the optimization of energy collection, storage, and utilization

Keywords: Solar, kinetic, optimize, harvest



