

Renewable Energy Sources in Rajasthan for Sustainable Development

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***Abstract:** Due to rising living standards, increased industrialization, and modern conveniences, global energy consumption is on the rise. Energy is currently seen as a significant indicator of a country's potential for long-term growth and prosperity. The world's attention has shifted to environmental concerns as a result of the melting ice caps, the excess of greenhouse gases, global warming, and other extreme climatic changes. One possible alternative to relying solely on traditional energy sources is making use of the vast untapped potential of renewable energy sources. Due to the country's large size and dispersed population, the government of India frequently struggles to meet the electricity needs of its entire people through a single, unified national system. Since renewable energy may be employed as a standalone distributed generation system, it is a viable choice in such a scenario. This article provides a brief overview of the state of renewable energy in Rajasthan and its current availability. Researchers, financiers, and developers can use this synopsis of existing materials to better understand the likelihood of technological advancements in renewable energy capture and to plan for the extension of renewable energy generation.*

Keywords: renewable energy generation

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