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## Non Conventional and Renewable Energy Sources (Hardback)

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By S. S. Thipse

Alpha Science International Ltd, United Kingdom, 2014. Hardback. Book Condition: New. 241 x 163 mm. Language: English . Brand New Book. NON CONVENTIONAL AND RENEWABLE ENERGY SOURCES are important in this era of fossil fuel depletion and environmental degradation. This book covers various alternative and renewable energy sources such as solar energy, tidal energy, ocean energy, geothermal energy, biomass energy, hydropower, and wind energy in detail with their applications. The global scenario on renewable energy has been discussed along with the prominent differences. One of the challenges faced by the renewable energy is its economic viability and this has been highlighted at length along with examples. Various applications of renewable energy in rural, urban and semi-urban areas and for variety of markets like industrial, commercial and domestic have also been discussed in great detail. The importance of solar energy has been prominently highlighted along with its different manifestations such as solar collectors, solar ponds, photovoltaics along with detailed thermodynamic analysis. The nuclear energy which is nowadays very controversial has been reviewed with its pros and cons and several types of nuclear reactors have been discussed with their usage patterns all over the world. Each renewable energy system has minimal environmental...



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