

Comprehensive Study of Renewable Energy Resources and Present Scenario in India

Authors : Aparna Bhat, Rajeshwari Hegde

Abstract : Renewable energy sources also called non-conventional energy sources that are continuously replenished by natural processes. For example, solar energy, wind energy, bio-energy- bio-fuels grown sustain ably), hydropower etc., are some of the examples of renewable energy sources. A renewable energy system converts the energy found in sunlight, wind, falling-water, sea-waves, geothermal heat, or biomass into a form, we can use such as heat or electricity. Most of the renewable energy comes either directly or indirectly from sun and wind and can never be exhausted, and therefore they are called renewable. This paper presents a review about conventional and renewable energy scenario of India. The paper also presents current status, major achievements and future aspects of renewable energy in India and implementing renewable for the future is also been presented.

Keywords : solar energy, renewabe energy, wind energy, bio-diesel, biomass, feedin

Conference Title : ICEED 2014 : International Conference on Energy, Environment and Development

Conference Location : Singapore, Singapore

Conference Dates : March 29-30, 2015