Abstract

Recently demand for energy has been increased many fold in India due to rapid urbanization and industrial growth which is difficult meet through conventional way. Moreover, the global crisis on petroleum product forced every nation worldwide to think of some alternative non-conventional sources of energy. India was also not able to keep herself away from this situation. Today, India is one of the few nations which are having an independent ministry of non-conventional source of energy. Moreover India is one of the fastest growing economies in the world. In order to keep continuing with this growth rate, India needs to improve its energy and power sector. Unfortunately, limited reserve of coal, petroleum and other fossil fuel India cannot achieve the desired goal. Hence, the Indian government has floated numerous
schemes, formulated several policy decision to promote the development and generation of non-conventional energy in the country. Since then India has observed a record growth in the development and generation of non-conventional energy. However, like any other developmental project the non-conventional source of energy (wind, solar) is also associated with some unforeseen environmental impacts including climate change. The present communication presented a detail and up to date potential of various non-conventional source of energy in India and also their possible effects environmental effects. The paper do not meant to criticize the use of non-conventional energy resource but to bring awareness to all the stakeholder on the environmental issue related to uses of these resources so that a more environmental friendly technology can be invented through research.

References

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Index Terms

Computer Science

Applied Sciences
Keywords
Non-conventional Energy  Wind Energy  Solar Energy  Environmental Effect  Climate Change