

## **ABSTRACT**

Renewable energy technologies have a good potential in India and considerable progress has been achieved. The positive attributes of generating electricity from renewable energy sources are widely accepted, although some of these technologies may not be currently competitive commercially with conventional fuels. Renewable energy technologies can help solve energy issues related to electricity generation, namely, environmental concern, energy security, rural electrification and applications in niche markets where conventional electricity supply is not feasible. In case of India, all the above mentioned issues are important, however, the most critical issue is that of energy shortages. Almost all the states in India are facing energy shortages in the range of 3% to 21% with national average energy shortage of about 10%. Renewable energy sources can supplement the present power generation and at the same time address the environmental and energy security issues. This paper covers review of the policies and programmes of the Government of India, for promotion of the renewable electricity in India.