

Industry Insight

Renewable Energy

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Cygnus

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SYNOPSIS

Emission of greenhouse gases leading to climate changes is a major concern globally. India is among the top six contributors to greenhouse gas emission, though per capita emission is substantially low compared with other developed countries. Under the Kyoto Protocol's terms, industrial country parties will be obligated to limit their greenhouse gas emissions by 2008-12. India has also signed the treaty and under the protocol India focuses now to drive a clean development mechanism aimed at protecting the environment by reducing carbon emissions.

India's energy demand is increasing with the robust growth in economy. A steady forecasted growth for manufacturing sector would need more power generation in future. However, power generation through fossil fuels raises serious concern over the depleting resources and environmental pollution. In light of this concern, renewable energy is a major option in India. Apart from reducing greenhouse gases, renewable energy promotes sustainable development. Renewable energy systems can exhibit very low greenhouse gas emission per unit of electricity generated. Although renewable energy business is picking up, it's an uphill task.

The report covers solar, wind, hydel and biomass energy. It also discusses the nine major companies in these segments. Projects under various segments of renewable energy have been summarised and the related government policies and corresponding agencies and their role have been discussed. The report covers R&D in renewable energy, new technologies and the carbon credit scheme. Future outlook is also discussed. More importantly, the report has a special focus on investment opportunities in various segments of renewable energy.

The report will be useful to industry analysts, professionals, banks and other financial institutes, technology or equipment suppliers, global agencies involved in renewable energy, and global investors watching for suitable business opportunities in renewable energy in India.

The report has 116 pages and is organised into 13 chapters, 5 figures, 23 tables and 3 annexure (Power projects-Statutory & Non-statutory clearances), bibliography and abbreviations used).

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