Renewable energy sources

Summary

There exists immense potential regarding development of renewable sources of energy in India; however, it has a long way to catch up. Power generation from municipal solid waste, with total potential of 3,366 MW of installed capacity, can solve the dual problem of waste disposal and meeting power demand. Small hydropower with currently 2,430 MW of capacity has the potential to reach 14,305 MW. In spite of huge potential, solar energy continues to remain insignificant. Blending of biofuel remains below target due to inadequate availability of ethanol and biodiesel. Absence of strong winds coupled with huge unexploited onshore potential has resulted in zero development of offshore wind farms in India.

Revenue from carbon credit has resulted in additional stream of revenue for companies in India and other developing countries. However, there prevails ambiguity of existence or replacement of the Kyoto Protocol post 2012.

Annual Review — October 2009

Contents

This document has been prepared by Paras Shah, Binaifer Jehani and Sudhir K Nair (Head of Research). For any queries please get in touch with our client servicing desk. (clientservicing@crisil.com. Ph -022-66913561)

Contents

Sections

Continued...

...continued

Sections

Charts

continued...

...continued

Charts

Figures

continued...

Tables

continued...

...continued

Tables