



Contribution of the project activity to sustainable development

Ministry of Environment and Forests, Govt. of India has stipulated the social well being, economic well being, environmental well being and technological well being as the four indicators for sustainable development in the host country approval eligibility criteria for Clean Development Mechanism (CDM) projects².

Socio-economic well-being:

The plant management has been involved in several social activities like and would continue need based developments

- Building bus shelters in Jegurupadu and Kadiyam village for the benefit of the travellers using the bus shelters
- Building the school building in Jegurupadu village, to provide high school facilities benefiting to a population of the 12,000 villagers
- Undertaking the responsibility of repairing the state highway from Dowleshwaram and Kesawaram villages, which has benefited more than one lakh of people living in the vicinity

Environmental well being:

- The electricity generated by project activity will be supplied to Southern grid, which otherwise would have been generated by more carbon intensive fossil fuels. Hence the project activity will help in reduction of the greenhouse gases emission and air pollutants (especially NO_x and SO₂).

Economic well being

² http://www.cdmindia.in/approval_process.php

- Employment – the project activity provided direct employment to about 525 persons during the construction and 125 during the normal operation. In addition it is expected that up to 30 persons will be directly benefited through casual work, subcontracts, trading etc.

Technological well being

- The project activity demonstrates application of a cleaner technology, the use of natural gas for efficient combined cycle power generation

The PP has also committed to spend 2% of the CDM revenue received towards socio-economic development. The project activity was awarded host country approval on 03/09/2008.