

Please find the summary of the project activity below: Ramnad Solar Power Limited is the promoter of the project activity. The project activity involves installations of Solar panel having 72 MW capacity in district Ramanthpuram, Tamil Nadu. The generated power from this project activity will be supplied to the Indian Grid as per the CEA database of CO2 emission factor version 13.

Pre project vs. Project scenario: The project activity is generation of renewable energy by using Solar power which supplies energy to the Indian grid. The baseline for the project is continuation of power generation in the Indian grid which is fossil fuel dominated.

The implementation of this project activity would contribute to the sustainable development of the region according as stipulated by the Ministry of Environment and Forests (MoEF). Each of the sustainable development indicators established by the Government of India have been analyzed in the context of the project activity to assess the project's contribution to sustainable development. This analysis appears below:

Economic and Social well being:

- Employment generation for local people during the construction and operational phases of the project activity. This will improve the socio-economic condition of the local people.
- The project activity will improve power supply in the regional grid. The project activity is a small step toward meeting the energy demand of the Indian grid.
- Power generated from this project activity can be used for small scale industries, thus would generate self-employment opportunities.
- The project leads to diversify the sources of electricity generation
- The project uses clean and efficient technologies, and conserves natural resources

Environmental well being:

- The generation of electricity from Solar is one of the cleanest and sustainable ways to generate electricity. Solar power produces no toxic emissions and none of the GHG gases that contribute to global warming, thereby leading to emission reductions.
- Being a renewable resource, using Solar energy to generate electricity contributes to resource conservation. The project causes no negative impact on the surrounding environment contributing to environmental well being.

Technological well being:

- The proposed project activity is using clean Solar Power technology. The applied technology is considered as one of the most environmental safe and sound technologies available as the operation of the Solar project does not emit any GHGs or any other harmful gases unlike the operation of conventional power plants.