

Please find the summary of the project activity below:

SBE Renewables Ten Projects Pvt. Ltd is the promoter of the project activity. The project activity involves installation of 450 MW grid connected hybrid solar photovoltaic(300MW) + Wind power plant(150MW) in Jaisalmer district, Rajasthan.

Pre project VS Project scenario:

The project activity is generation of renewable energy by using Solar/Wind 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/Wind is one of the cleanest and sustainable ways to generate electricity. Solar/Wind 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/Wind energy to generate electricity contributes to resource conservation. The project causes no negative impact on the surrounding environment

Technological well being:

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