

Contribution of the project activity to Sustainable Development:

- **Social well being:**

The project activity will generate employment opportunities for the local community at all levels from unskilled labour to skilled manpower during the construction and operation phases of the power plant. The project is run-of-river and hence there is no displacement of population and no rehabilitation and resettlement (R&R) issues occur.

- **Environmental well being:**

The project activity reduces carbon dioxide emissions through the avoided usage of fossil fuel based electricity generation. The project activity would also reduce emissions of other harmful gases like NOx and SOx which arise from fossil fuel based generation in the absence of the project activity.

- **Technological well being:**

The project proposes to generate electricity from water through a Horizontal Francis turbine which is an established technology with no negative effects on the environment. Thus this technology is considered environmentally safe and sound. The equipment is brought within India and thus there is no transfer of technology from Annex I countries.

- **Economic well being:**

The generated electricity will be sold to the NEWNE regional grid, thereby improving the grid frequency and availability of electricity to the consumers which will provide new opportunities for industries and economic activities to be setup in the area. This will result in local employment, ultimately contributing to the overall development of the area.