



Hydro Project in Himachal Pradesh, India

Een VCS CO₂-compensatieproject

The purpose of the project activity is to generate electricity by using the renewable energy sources (water) for a grid system in the state of Himachal Pradesh, India, the project activity displaces electricity and green house gases (GHG) emissions currently produced by thermal fossil fuel-burning facilities .

The project is located in the Himachal Pradesh state, District Kullu, Vicinity Manikaran at the Malana river.

The project is a “run of the river” power project without the need for water storage. That means that no major replacement & rehabilitation was required for the project.

It is developed by the first Hydro Independent Power Producer (IPP) in HP, India. Reduction in scheduled completion time to 2 1/2 years from normally expected 5 years.



Socio economic impact

- To understand the local needs, meetings were initiated with the gram panchayat (village government) and self-help groups in the area. Suggestions/inputs provided by local community were incorporated in detailed Catchment area treatment plan;
- The project shall help in meeting power demand-supply gap in the state of UP;
- The project is generating lot of skilled and unskilled employment opportunities;
- Project activity has improved infrastructural facilities likes roads, communication;
- Primary school building (near the barrage site) is constructed ant the further set up of schools in the area
- Medical facilities are upgraded in the government healthcare center.

Environmental impact

- Run of the river Project, no storage dam built upstream or downstream;
- There is no impact of the project activity on local flora and fauna;
- The project being hydro-electric project shall lead to reduction in Greenhouse gases;
- To help overcome the shortage of drinking water, the project developer has installed hand pumps and water lines in the villages that are in proximity to its offices and facilities.;
- The Group has also contributed to Drought Relief Funds organized by the Government to bring about much-needed relief to drought-affected populations;
- The Group have taken a special interest towards maintaining ecological equilibrium by being involved in the preservation of medicinal plants and wildlife.

Verra (Verified Carbon Standard)

Standards for a Sustainable Future. Verra develops and manages standards that help countries, the private sector and civil society achieve their sustainable development and climate action goals.

The VCS Program is the world's most widely used voluntary GHG program. More than 1300 certified VCS projects have collectively reduced or removed more than 200 million tonnes of carbon and other GHG emissions from the atmosphere.

Sustainable Development Goals

