

India

Rampur Hydropower Project

Green Bond Criteria: Mitigation

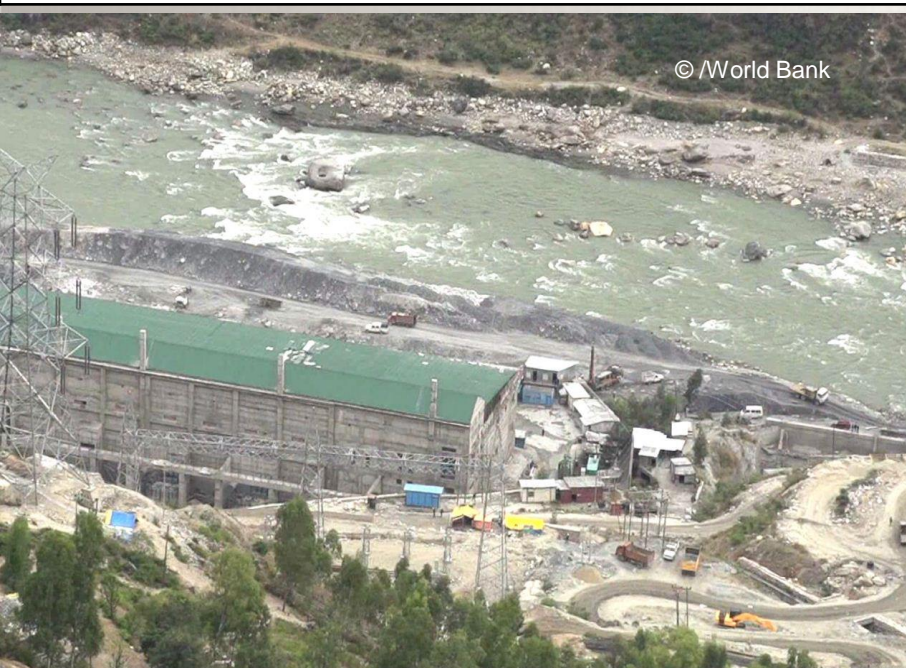
To scale-up access to renewable energy.

Expected Results include:

- 412 MW of renewable energy added.
- 1,770,000 MWh power generated annually.
- 1.4 million tons of CO₂eq. emissions reduced annually.

IBRD Loan Amount:

US\$400 million



Country Challenge

India produces 4% of the world's total CO₂ emissions annually. It is projected that the country will produce 13% of the world's total emissions by 2031 under "business as usual". India has committed to bring electricity to 100% of its population, however efficient electrical power in most rural regions is rare.

Project Goals

The project aims to add renewable, low-carbon hydroelectric power to India's northern electricity grid, and improve the effectiveness and environmental and social sustainability of hydropower design and management in India. The project finances the construction of the Rampur run-of-the-river hydroelectric scheme, which utilizes the flow of the river to drive turbines in a downstream surface powerhouse instead of flooding a large area in a dam or reservoir.

For more information:

<http://www.worldbank.org/projects/P095114/rampur-hydropower-project?lang=en>