

## Green Bond Criteria: Mitigation

To strengthen India's transmission infrastructure resulting in decreased greenhouse gas emissions through efficiency gains.

## Expected Results include:

- 68,000 GWh power exchange growth between regions.
- Reduced transmission losses equivalent to between 526-993 MW.
- 107,000 circuit kilometers of increased transmission capacity.

## IBRD Loan Amount:

US\$400 million additional financing



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## Country Challenge

India's weak power infrastructure constrains its full growth potential and leaves many households without electricity services. The inefficiency of the power system contributes to environmental problems by forcing 6 percent of Indian firms and 40 percent of households to use diesel generators as back-up power sources. In addition, the poor connectivity between regions restricts India's ability to transfer surplus hydropower resulting in growing pressure to build additional coal-based power generation.

## Project Goals

The project supports India's clean energy initiative by strengthening India's ability to transfer surplus hydro energy to power deficit regions in India, increase transmission efficiency, and avoid building additional coal-based generation.

## For more information:

<http://www.worldbank.org/projects/P101653/power-system-development-project-iv?lang=en&tab=overview>