



107,509

SAVED EMISSIONS
TONS CO2 EQ /YEAR



20 MW Biomass Power Project at Godawari Power and Ispat Limited

 India

PROJECT-ID: 3547 FZ-ID: 1712

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20 MW Biomass Power Project at Godawari Power and Ispat Limited

Generation of electricity from biomass residues

The Gold Standard Climate Protection Project Godawari Power and Ispat Limited (GPIL) enables the operation of a 20 MW biomass plant in Siltara, Raipur.

Biogenic residues, mainly based on used rice husks, will be used as the energy source. Since biomass is a CO₂-neutral fuel, no greenhouse gas emissions are generated during production. As a result, fossil fuels are increasingly being replaced by the provision of electricity from biomass. Also, the use of rice husks provides a biofuel that does not require additional land for biomass cultivation. In total, the biomass plant produces 126.72 GWh of power annually.

The rice husks are sourced from the surrounding province within 50 km of the plant.

[For more information please click here.](#)

Overview of the project data:



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The project contributes to the following sustainability goals:



Quality education:

The project activity includes investments in an education program for disadvantaged children, as well as a health awareness program.



Gender equality:

The project explicitly opposes discrimination on the basis of gender, origin, religion, sexual orientation or any other grounds.



Affordable and clean energy:

The project activity replaces part of the electricity generated in the grid with mainly fossil fuels (such as hard coal, lignite and gas).



Decent work and economic growth:

The project contributes to the creation of direct and indirect jobs and to the improvement of the economic situation of the area by creating new jobs for the collection and transportation of biomass.



Climate action:

The project results in an annual reduction of approximately 107,509 tons of CO₂e.



Life on land:

The project helps resource use and it avoids pollution from burning or dumping biomass in nearby areas. Harmful environmental impacts from fossil fuel energy production are avoided.