Solar Photovoltaic by ACME Cleantech Solutions, India

Renewable Energy

The Project

The Bundled Solar Photovoltaic Project by ACME is a grouped renewable energy initiative registered under the Verified Carbon Standard. Developed by ACME Cleantech Solutions Pvt Ltd, the project aims to generate clean electricity through multiple grid-connected solar photovoltaic (PV) power plants across India. With a total installed capacity of 1,207.5 megawatts (MW), the project includes several Special Purpose Vehicles (SPVs) responsible for implementing and operating solar power facilities. The project adopts a flexible grouped project design, allowing future inclusion of similar PV projects as long as they meet predefined eligibility and monitoring criteria.

The project locations are diverse and span across multiple Indian states. In Telangana, installations are located in Pargaon, Mokhampura, and Chincholi; Karnataka hosts projects in Gadag; Andhra Pradesh includes sites like Muthuvandlapalli and Mothadaka; Rajasthan features plants in Phalodi and Tejuva; and Uttarakhand has installations in the Udham Singh Nagar district. Each of these regions contributes to the project's overall impact while benefiting from localised environmental and economic improvements.

Verified Carbon Standard
A VERRA STANDARD

Why This Project Matters

Displacing Fossil Fuels and Cutting Emissions
The project replaces coal-based electricity with clean solar power, reducing greenhouse gas emissions and helping diversify India's energy mix. It supports national climate goals under the Paris Agreement and India's National Solar Mission.

Supporting Rural Communities
By creating jobs during construction and operation, the project drives rural development. Many solar sites use barren land and lead to infrastructure improvements like roads and electricity access, benefiting local communities.

Enabling Scalable Clean Energy
Through its bundled design, the project allows smaller solar developers to participate by accessing carbon finance. This model lowers costs, ensures financial viability, and streamlines the inclusion of new projects.

Advancing Climate and Development Goals
This initiative demonstrates how clean energy can reduce emissions, uplift communities, and scale rapidly—making it a powerful example of climate and development working hand in hand.

PROJECT KEY FACTS

Type	Renewable Energy
Location	Multiple Locations across India
Project emissions reduction	20,785,890 tonnes t CO_2-e over 10 years
Standard	Verra - Verified Carbon Standard (VCS)
Vintage	2019

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