

# Renewable Solar Power by Adani Green Energy Limited, India



**Jurisdiction**  
Gujarat, India

**Methodology**  
Avoidance

**Project number**  
1815

**Project proponent**  
Adani Green Energy Limited

**Carbon standard**  
Verified Carbon Standard (VCS)



## Project Objectives

### Renewable Energy Generation

Produce clean electricity through large-scale solar photovoltaic systems to reduce reliance on fossil fuels.

### Emission Reduction

Displace grid electricity from coal-based sources, achieving measurable cuts in greenhouse gas emissions.

### Climate Change Mitigation

Contribute to India's national and global emission reduction commitments under the Paris Agreement.

### Energy Security

Strengthen renewable energy supply and support India's transition to a low-carbon power sector.

### Local Development

Generate employment and economic benefits for surrounding communities.

## Project Overview

This renewable energy project developed by Adani Green Energy Limited involves the installation and operation of large-scale solar photovoltaic (PV) power plants across India. The project harnesses solar radiation to generate clean, renewable electricity that is supplied to the regional grid, displacing electricity that would otherwise be generated by fossil fuel-based power plants.

By replacing grid electricity with renewable energy, the project significantly reduces greenhouse gas emissions and contributes to India's transition toward a low-carbon energy system. Beyond carbon reduction, the initiative supports local employment, energy security, and infrastructure development, while helping to meet India's national renewable energy targets under the Paris Agreement.

The emission reductions achieved are independently verified and certified under the VCS, generating high-integrity carbon credits that support global climate mitigation efforts.

## Sustainable Development Goals



Affordable and clean energy



Decent work and economic growth



Industry innovation and infrastructure



Climate action



Responsible consumption and production

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