

CASE STUDY



SLMG, Coca-Cola's largest bottler in India underscores its commitment to reducing its environmental footprint by embracing solar

Client Location
Uttar Pradesh, India

Industry
Consumer Goods

Head Quarters
Lucknow, Uttar Pradesh

Key Facts

₹ 127 cr
Lifetime savings

60%
Renewable in
energy mix

472 mn kg
CO2 emission offset
over its lifetime

About Company

SLMG is the largest bottling franchise for Coca-Cola in Asia and a flagship company of the Ladhani Group. Defined by quality and innovation, the company is committed to delivering the best value to its customers, consumers, and communities. SLMG has eight state-of-the-art bottling units spread across Uttar Pradesh and Bihar.

Background

- Indian FMCG Industry's electricity demand is expected to increase to 3X by 2025, in line with the growth in overall market size.
- In line with Coca-Cola's global initiative, SLMG aims to achieve net-zero carbon emissions by 2050. Currently, approx. 19% of SLMG's energy needs are met through renewable sources.
- After successful implementation of two solar energy projects for the largest bottler of Coca Cola in India, SunSource Energy was again selected as the preferred partner by SLMG to deliver the entire 15 MW open access clean power required for their largest bottling plant in India.



The Challenges

- SLMG's largest bottling plant in India was coming up in UP and the entire clean power requirement had to be commissioned in a single phase in a short span of time.
- Strict quality and sustainability mandates by Coca Cola had to be met.
- Options of carbon mitigation are restricted in urban location.
- Insufficient onsite area for a rooftop solar solution.

The Solution

- SLMG and SunSource Energy signed a power purchase agreement in 2024 where SunSource Energy committed to providing clean energy to the Coca-Cola bottler for the next 25 years.
- A newly developed open access solar power project in Jhansi was implemented by SunSource Energy exclusively for SLMG.
- The remote location also avoided any interference with SLMG's operations during the construction of this new unit.
- The project has been delivering guaranteed savings on the operational cost by reducing the per unit cost of power for the client.
- The solution is in line with Coca Cola's ambition to achieve net-zero carbon emissions by 2050.

Highlights

| | | |
|--|---|--|
|  Contracted Capacity 15 MWp |  Solar Plant Location Jhansi, UP |  Equity Infused ₹ 5.25 cr |
|  Annual Units Procured 2.25 cr |  Landed Savings 13 Months | |

Client Speak



In 2016, SunSource Energy developed an on-site solar power project for us. Since we were associated with them from the start, it was obvious that we tied up with them again for a 5 MW off-site project when the Open Access Policy of UP came in 2019.



Ekansh Ladhani
Managing Director, SLMG

Why SunSource Energy



Simplified energy transition for **10** of the leading FMCG companies in India



Provided **50MW** of green electricity solutions to the Indian FMCG sector



1200 million tonnes Lifetime CO2 emission from our FMCG projects

Reach out to us at energytransition@sunsource-energy.com to start your energy transition journey today.