

SOLAR'S MOST TRUSTED



# OM SHANTI PRINTING PRESS INDIA

## COMMERCIAL ROOFTOP INSTALLATION

- One of the first printing presses to be run on solar in Rajasthan
- Part of the global movement towards sustainability and adoption of renewable energy by Brahma kumaris
- Implemented under Rooftop Net Metering Scheme

100

kW  
SYSTEM SIZE

182,000

kWh  
ANNUAL CAPACITY

136

TONS CO<sub>2</sub>  
SAVED ANNUALLY



COMMERCIAL  
INSTALLATION

This commercial rooftop installation does not receive any subsidies, highlighting the growing consciousness towards long-term performance of assets apart from pure price consideration.

“REC TwinPeak 72 panels with 335 Wp, were the perfect solution ensuring both the technological edge and the qualitative criteria.”

MANISH KUMAR, HEAD FOR SOLAR AT SAMHITA TECHNOLOGIES



**VERY FEW NONPROFIT ORGANIZATIONS** have been consistently investing in the renewable energy since the early days of its commercialization in the 1990s. The Brahma kumaris Mission along with its sister organization World Renewal Spiritual Trust, though entrusted with the mission of spiritual awakening, have beautifully embraced renewable energy and sustainability, and have been early adopters with their first experimental hybrid system going back to 1995.

Their years of experience with solar PV has make them extremely particular about their installations and also helps them understand the challenges inherent in such long-term projects. The Printing Press Installation at Shantivan is the first on-grid rooftop installation for the Brahma kumaris and is powered by REC panels. High-yield, technology superiority coupled with REC reliability were the main reasons for choosing REC.



Founded in Norway in 1996, REC is a leading vertically integrated solar energy company. Through integrated manufacturing from silicon to wafers, cells, high-quality panels and extending to solar solutions, REC provides the world with a reliable source of clean energy. REC's renowned product quality is supported by the lowest warranty claims rate in the industry. REC is a Bluestar Elkem company with headquarters in Norway and operational headquarters in Singapore. REC employs more than 2,000 employees worldwide, producing 1.4 GW solar panels annually.

Samhita Technologies was the EPC for the project and have been using REC panels in India for over five years, totaling more than 10 MW. "Reliability and quality play a big role in choice of components, and we have always proposed the combination of REC panels with ABB inverters to our clients to ensure the best results," comments Manish Kumar, Head for Solar at Samhita Technologies. "At the Brahma kumaris, not taking recourse to subsidies was an intentional choice. The key factor was the high yield and maximum output, as this was also their first grid-connected project for them. REC TwinPeak 72 panels with 335 Wp, were the perfect solution ensuring both the technological edge and the qualitative criteria."

The installation is now providing an environmentally source of electricity to help power the production of Brahma kumaris publications.

## PROJECT OVERVIEW

# OM SHANTI PRINTING PRESS

### COMMERCIAL ROOFTOP INSTALLATION

**Owner:**

Om Shanti Printing Press

**Location:**

Shantivan, Rajasthan, India

**Type of Installation:**

Commercial rooftop, grid connected

**System Size:**

100 kW

**Solar Panel Type:**

REC 335 TP 72

**Number of Solar Panels Installed:**

300

**Annual Capacity:**

182,000 kWh

**Completion Date:**

July 2017

**EPC:**

Samhita Technologies Pvt. Ltd.



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