

SOLAR'S MOST TRUSTED



MINARA MASJID INDIA

COMMERCIAL ROOFTOP INSTALLATION

- First mosque in Mumbai to go solar
- Immediate cost savings of 50% on monthly electricity bills
- REC panels chosen for high efficiencies and demonstrated brand reliability

15

kW
SYSTEM SIZE

21,200

kWh
ANNUAL CAPACITY

16

TONS CO₂
SAVED ANNUALLY



COMMERCIAL
INSTALLATION



A heritage site in South Mumbai trusts REC panels in its initiative to add a solar array to its structure. In doing so, the Minara Masjid has quickly seen significant savings in monthly electricity bills and will reduce its annual carbon footprint by 16 tons.



"It was a bold decision. We were quite impressed that such a historic mosque wanted to go solar. It has now become a trendsetter in the community."

SOHAIL SHAIKH, COO, GREEN POWER PROJECTS PVT. LTD. (GPP)

AN ICONIC AND HISTORIC PLACE of worship in Mumbai, India is leading by example a movement towards a more environmentally friendly world. The Minara Masjid – also known as the Minara Mosque – is famous for its Ramadan Market that is revered for the mouthwatering delicacies and visited by thousands of gourmets and commoners alike.

It is also one of the oldest and prominent of mosques in Mumbai, and now the first in the city to go solar. The installation of 46 REC Peak Energy 72 Series solar panels, each with 320 Wp, took only two weeks and was completed in January 2017.

"It was a bold decision. We were quite impressed that such a historic mosque wanted to go solar. It has now become a trendsetter in the community," said Sohail Shaikh, COO at Green Power Projects Pvt. Ltd. (GPP), the company that did the EPC for the project. "REC was a



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.

natural choice for us. As a heritage structure the Trustees were very clear about not compromising on the quality and reliability of the panels. Having limited space, having higher efficiencies was a must."

The electricity produced by the solar array is used to power all the lights and fans of the mosque. With that, the mosque has already seen its monthly electricity bills cut in half in the first few months of the system's operation.

"Our monthly electricity bill has cut down to just INR 25,000, as opposed to the INR 50,000 that we had to pay before the solar power installation," affirmed Abdul Wahab, Trustee at Minara Masjid Trust. "Apart from the monetary savings, the idea is to tell devotees about the importance of reduction in carbon emissions from the environment," he added.

PROJECT OVERVIEW

MINARA MASJID

COMMERCIAL ROOFTOP INSTALLATION

Owner:

Minara Masjid Trust

Location:

Mumbai, India

Type of Installation:

Rooftop

System Size:

15 kW

Solar Panel Type:

REC 320 PE 72

Number of Solar Panels Installed:

46

Annual Capacity:

21,200 kWh

Completion Date:

January 2017

EPC:

Green Power Projects Pvt. Ltd. (GPP)



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