

India's First Green Building Features SunPower High Efficiency Solar Solution

Written by Australian Business

SAN JOSE, Calif. and NEW DELHI, India, Sept. 11, 2013 /PRNewswire/ -- SunPower Corp. (NASDAQ: [SPWR](#)), a global solar technology and energy solutions company, today announced that Swadeshi Civil Infrastructure has completed the installation of a 930-kilowatt (kW) SunPower solar system on the rooftop of the Indira Paryavaran Bhavan building in New Delhi. SunPower's high efficiency, most reliable solar solution was chosen for the project given its energy generation requirements and the limited rooftop area.

The state-of-the art landmark will be India's first net zero energy building. Its design emphasizes conservation featuring trees to reduce adverse environmental impact, adequate natural light and shaded landscaped areas to reduce ambient temperature. The building is targeted to achieve Platinum from the Leadership in Energy and Environmental Design green building rating system, known as LEED INDIA. It also is expected to receive a five star Green Rating for Integrated Habitat Assessment from the rating system developed by the Energy and Resource Institute and supported by the Ministry of New and Renewable Energy, the nodal ministry of Indian government. Managed by the Central Public Works Department of India, the project is being spearheaded by the Indian Ministry of Environment and Forests.

The high-efficiency SunPower E-Series solar panels were installed on the building with a five-degree tilt to fully optimize its expected energy output of 1.5 million kWh annually.

"SunPower's world leading solar panel technology will help the Indira Paryavaran Bhavan project in New Delhi generate enough electricity from its rooftop solar system to cover 100 percent of its energy demand," said Howard Wenger, SunPower president, regions. "We're proud to be one of the Indian government's sustainability partners as it maximizes clean solar power generation and cost savings at this innovative net zero building."

"For this urban project, with very limited rooftop space and high energy generation requirement, the selection of high efficiency solar panels was the most critical aspect," said Ram Avatar,

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CMD of the New Delhi-based Swadeshi Civil Infrastructure Pvt. Ltd. "Thanks to SunPower solar panels, we can now hope to achieve the stringent goal of net zero energy for this building."

SunPower high efficiency products, which work well in space-constrained environments and have an industry-leading 25-year combined product and power warranty, will be featured at this week's 7th Renewable Energy India 2013 Expo held in New Delhi." SunPower's show booth will be located at the India Expo Center & Mart, Plot 25, 27-29, Knowledge Park-II, Greater Noida Hall 5, in booth 5.42.

Arun Kumar

SunPower's managing director of India

will speak at the event on Friday at 2:30 pm

About SunPower SunPower Corp. (NASDAQ: [SPWR](#)) designs, manufactures and delivers the highest efficiency, highest reliability solar panels and systems available today. Residential, business, government and utility customers rely on the company's quarter century of experience and guaranteed performance to provide maximum return on investment throughout the life of the solar system. Headquartered in San Jose, Calif.

SunPower has offices in North America

Europe

Australia

Africa

and

Asia

. For more information, visit www.sunpowercorp.co.in

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