

Tata Power Solar, Dell India Build Vertical Solar Farm

TATA POWER SOLAR, DELL INDIA BUILD VERTICAL SOLAR FARM

MAY 16, 2017

THE FINANCIAL EXPRESS

Tata Power Solar, Dell build vertical solar farm

TATA POWER SOLAR and Dell International Services India have jointly put up India's largest vertical solar farm of 120 kw. "The first-of-its-kind, 45-metre structure built on Dell's Bengaluru campus provides the dual benefit of producing sustainable green energy and insulation of the building, thus helping reduce power consumption," Tata Power Solar statement said.

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TATA POWER SOLAR, DELL INDIA BUILD VERTICAL SOLAR FARM
MAY 16, 2017
BUSINESS STANDARD

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and Dell
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TATA POWER SOLAR AND DELL INDIA HAVE BUILT INDIA'S LARGEST VERTICAL SOLAR FARM

May 22, 2017

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MAY 17, 2017

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 Published: 17 May 2017

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For optimisation, the vertical structure was designed with a 30 degree tilt, it added.

Tata Power Solar is rated tier-1 module manufacturer by BNEF (Bloomberg New Energy Fund), which has shipped 1 gw modules to over 30 countries -- the first Indian company to do so.

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The solar farm, envisaged by Dell, produces enough energy to light up the cafeteria and basement parking. Photo: Mint

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BY PTI | MAY 15, 2017, 05.45 PM IST

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The first-of-its-kind, 45-metre structure built on Dell's Bengaluru campus

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(This article was published on May 15, 2017)

TATA POWER SOLAR, DELL INDIA BUILD VERTICAL SOLAR FARM**MAY 15, 2017**[INDIA TODAY](#)

Tata Power Solar, Dell India build vertical solar farm



PTI

May 15, 2017 | UPDATED 15:00 IST

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BY PTI | MAY 15, 2017, 05.45 PM IST

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Tata Power Solar and Dell India Have Built India's Largest Vertical Solar Farm

Published On Mon, May 15th, 2017



The first of its kind, India's Largest Vertical 120kW Solar Farm has been built on Dell's Bengaluru campus. The plant will produce enough energy to light-up its entire cafeteria and basement parking.

Tata Power Solar, India's largest integrated solar company, and Dell International Services India Pvt. Ltd. have together built India's largest vertical solar farm of 120 kW. The first of its kind, 45 meter structure built on Dell's Bengaluru campus provides the dual benefit of producing sustainable green energy and insulation of the building, thus helping reduce power consumption.

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The project, by virtue of its unique design, needed significant innovation and customization of the structures, load bearing characteristics and anchorage. To integrate the 480 modules, manufactured by Tata Power Solar, a specially designed, complex scaffolding was built. Safety was of utmost importance as the entire project was on a 11 storied building wall. For optimized plant performance, the vertical structure was designed with a 30 degree moving tilt to better enable maintenance. This project further reinforces the company's strong engineering and project management capabilities.

Commenting on the solar farm, Mr. A. Anil Uthappa, Sr. Project Manager at Dell International Services India Pvt Ltd, said "The project demonstrates Dell's unflinching focus on reducing its carbon footprint. While solar energy generation was one of the qualifiers to attain the prestigious Green Building Platinum LEED certification, we have created the plant at almost four times the requisite capacity, demonstrating our commitment to going green. The project was complex and needed a partner with strong innovation and engineering capabilities. We are happy to have partnered with Tata Power Solar for their expertise in rooftop solar space."

Mr. Ashish Khanna, ED & CEO, Tata Power Solar, said "We thank Dell for choosing Tata Power Solar as its partner for this innovative project. We are very proud to have successfully executed this project which is unique and complex in so many different ways. We see tremendous opportunity, especially in urban regions, to deploy such vertical solar projects with multiple benefits. We hope more corporates follow Dell in implementing such pioneering and green initiatives."

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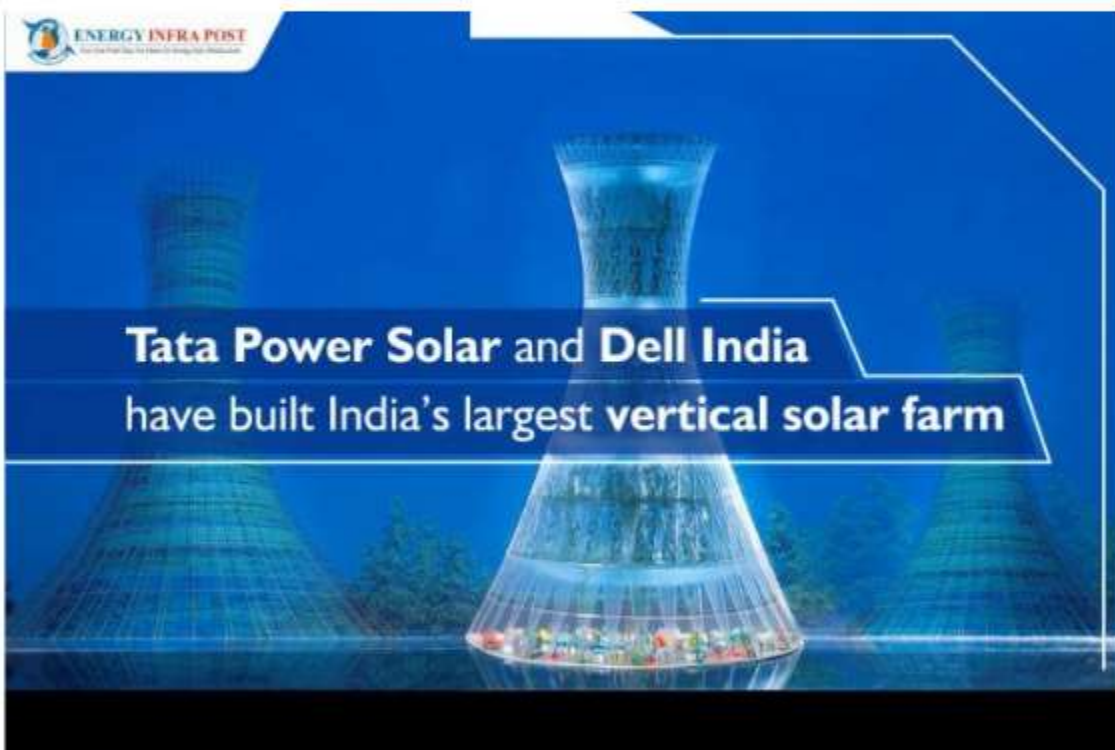
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Tata Power Solar and Dell India have built India's largest vertical solar farm

By Team EnergyInfraPost on May 15, 2017 • No Comment

The complex and customized 45-meter-long vertical solar structure is part of 'Dell Go Green' initiative



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It may be noted here that Tata Power Solar was originally formed as a joint venture between Tata Power and British Petroleum Solar (BP Solar) in 1989. Headquartered in Bengaluru, Tata Power Solar now operates independently as a wholly owned subsidiary of Tata Power.

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As one of the largest solar manufacturers in India, Tata Power Solar operates world-class manufacturing unit in Bangalore, with a production capacity of 400 MW of modules and 300 MW of cells. It has completed more than 330 MW of ground-mount utility scale and 140 MW of rooftop and distributed generation projects across the country till date.

It also offers a diverse line of solar solutions for both urban and rural markets – these include rooftop solutions, solar pumps and power packs among others. Tata Power Solar is committed to enabling solar everywhere and aims to provide energy access to millions of people across the country via its integrated solar solutions.

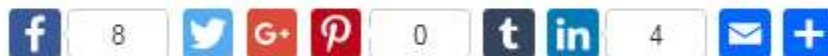
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May 15, 2017



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To integrate the 480 modules, manufactured by Tata Power Solar, scaffolding was built. The project was on a 11 storied building wall. The vertical structure was designed with a 30 degree moving tilt to better enable maintenance.

"While solar energy generation was one of the qualifiers to attain the prestigious Green Building Platinum LEED certification, we have created the plant at almost four times the requisite capacity, demonstrating our commitment to going green," said A Anil Uthappa, Sr. Project Manager at Dell International Services India.

"We see tremendous opportunity, especially in urban regions, to deploy such vertical solar projects with multiple benefits. We hope more corporates follow Dell in implementing such pioneering and green initiatives," said Ashish Khanna, ED & CEO, Tata Power Solar.

Tata Power Solar, which is rated tier-1 module manufacturer by Bloomberg New Energy Fund, has shipped 1 GW modules to over 30 countries.

TATA POWER SOLAR, DELL INDIA BUILD VERTICAL SOLAR FARM**May 15, 2017**[DECCAN CHRONICLE](#)**Tata Power Solar, Dell India build vertical solar farm**

PTI

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"The first-of-its-kind built on Dell's Bengaluru campus will produce green energy and insulation of the building."



Representational image

New Delhi: Tata Power Solar and Dell International Services India have jointly put up India's largest vertical solar farm of 120 kw. "The first-of-its-kind, 45-metre structure built on Dell's Bengaluru campus provides the dual benefit of producing sustainable green energy and insulation of the building, thus helping reduce power consumption," Tata Power Solar statement said.

According to the statement, the south-facing vertical solar farm is a "very complex" project since it was to be integrated on the facade of the building without compromising on aesthetics.

For Tata Power Solar, the project is a foray into vertical solar structures that have potential to transform urban energy management, utilising a fraction of the real estate in cities, which comes at a premium.

The solar farm, envisaged by Dell, produces enough energy to light up its entire cafeteria and basement parking. While this significantly reduces the energy consumption for Dell, the panels act as solar insulation.

The safety was of "utmost importance" as the entire project came up on an 11-storey building wall. For optimisation, the vertical structure was designed with a 30 degree tilt, it added.

Tata Power Solar is rated tier-1 module manufacturer by BNEF (Bloomberg New Energy Fund), which has shipped 1 gw modules to over 30 countries – the first Indian company to do so.

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