

TATA POWER RENEWABLE ENERGY

Press release - Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal

Date of dissemination – January 29, 2024

Index

S. No	Publication	Headline	Date
1	PTI	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
2	The Economic Times	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
3	The Hindu Business Line	Tata Power commissioned Bifacial solar system, shares up	Jan 29, 2024
4	Business Standard	Tata Power Renewable Energy installs 1,000 kW solar project in West Bengal	Jan 29, 2024
5	Ananda Bazar (Bengali)	রাজ্যে চালু টাটার সৌর বিদ্যুৎ প্রকল্প	Jan 29, 2024
6	UNI	TPREL lights up Asia's largest tea estate with innovative Solar Power Techno	Jan 29, 2024
7	The Free Press Journal	Tata Power Renewable Energy Commissions 1040 kW Bifacial Solar System At Asia's Largest Chengmari Tea Estate	Jan 29, 2024
8	ET Energyworld	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
9	Zee Business	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
10	Outlook Business	Asia's Largest Tea Estate Welcomes Groundbreaking Bifacial Solar System	Jan 29, 2024
11	Business Today	Tata Power shares hit fresh record high; here's what analysts say	Jan 29, 2024
12	Republic World	Tata Power Renewable Energy illuminates Asia's largest tea estate with Bifacial Solar project	Jan 29, 2024
13	NDTV Profit	Tata Power Unit Installs First On-Ground Bifacial Modules In East India, Shares At Record	Jan 29, 2024
14	Renewable Watch	Tata Power Renewable Energy commissions bifacial solar project for a tea estate	Jan 30, 2024
15	The Print	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
16	The Week	Tata Power Renewable Energy installs 1 000 kW bifacial solar project in West Bengal	Jan 29, 2024
17	Kolkata 24*7	Renewable Energy: টাটার সৌর বিদ্যুৎ প্রকল্প রাজ্যে চালু	Jan 29, 2024
18	Saur Energy	TPREL Makes A Solar Debut at Asia's Largest Tea Estate	Feb 2, 2024
19	PV Magazine	Tata Power lights up Asia's largest tea estate with bifacial solar PV system	Jan 29, 2024
20	PSU Watch	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
21	EQ Magazine	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
22	EPR Magazine	TPREL commissions groundbreaking bifacial solar project at Asia's largest tea estate	Jan 29, 2024
23	Manufacturing Today	Tata Power successfully installs 1,000 kW bifacial solar system in West Bengal	Jan 29, 2024

24	Solar Quarter	Tata Power Renewable Energy Limited Illuminates Asia's Largest Tea Estate with Innovative Solar Technology	Feb 3, 2024
25	Energy Watch	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
26	Enviro Annotations	News Tata Power Renewable Energy Illuminates Asia's Largest Tea Estate with Solar	Jan 29, 2024
27	Decdiscourse	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
28	News Drum	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
29	Projects Today	Tata Power commissions 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
20	Trade Brains	Tata Group stock jumps 6% after it commissions bifacial solar system project	Jan 29, 2024
31	The Machine Maker	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
32	Industry Outlook	TPREL To Setup 1,000 KWh Solar Facility In West Bengal	Jan 29, 2024
33	MSN.Com	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024
34	Employment and Education	TPREL Lights Up Asia's Largest Tea Estate With Innovative Solar Power	Jan 29, 2024
35	Orissa Diary	Tata Power Renewable Energy Limited Lights Up Asia's Largest Tea Estate With Innovative Solar Power Technology	Jan 29, 2024
36	Angel News	Tata Power Renewable Energy Limited illuminates the largest tea estate in Asia	Jan 29, 2024
37	Biz Industry	Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology	Jan 29, 2024
38	SPV Today	Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology	Jan 29, 2024
39	Odisha Haat	Tata Power Renewable Energy Limited Lights Up Asia's Largest Tea Estate With Innovative Solar Power Technology	Jan 29, 2024
40	Equity Bulls	Tata Power Renewable Energy Ltd Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology	Jan 29, 2024
41	Asian Age (Print)	Tata Power arm commissions solar project	Jan 30, 2024

S. No	Publication	Headline	Date
1	PTI	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024



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S. No	Publication	Headline	Date
3	The Hindu Business Line	Tata Power commissioned Bifacial solar system, shares up	Jan 29, 2024

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Tata Power Renewable Energy Limited's shares were up by 4.33 per cent after the company commissioned a 1040 kW Bifacial Solar System at Chengmari Tea Estate.

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The company reported, on-ground installation of bifacial modules, captures sunlight from both sides of the panels for **energy** generation. The project, involving nearly 1,900 modules, was completed within a six-month timeframe. The solar system is anticipated to generate approximately 1.5 million units of energy annually for the tea estate.

Deepesh Nanda, MD & CEO of Tata Power Renewable Energy Limited, said, "TPREL takes great pride in announcing the successful commissioning of this innovative Bifacial Solar System project at Asia's largest tea estate. The innovative Bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation. We are proud to be at the forefront of this revolution, pushing the boundaries of technological excellence and environmental stewardship."

S. No	Publication	Headline	Date
4	Business Standard	Tata Power Renewable Energy installs 1,000 kW solar project in West Bengal	Jan 29, 2024


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[E-Paper](#)
[Market](#)
[Budget 2024](#)
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[Politics](#)
[Portfolio](#)
[Technology](#)

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Tata Power Renewable Energy installs 1,000 kW solar project in West Bengal

Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides

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The Project Is Expected To Generate Around 1.5 Million Units (MUs) Of Energy Annually And Reduce Carbon Footprint Of 29,420 Lakh Tonnes, Which Is Equivalent To Planting 47,000 Teak Trees | Photo: Bloomberg

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5	Ananda Bazar (Bengali)	রাজ্যে চালু টাটাদের সৌর বিদ্যুৎ প্রকল্প	Jan 29, 2024

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6	UNI	TPREL lights up Asia’s largest tea estate with innovative Solar Power Techno	Jan 29, 2024



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Posted at: Jan 29 2024 6:12PM

TPREL lights up Asia’s largest tea estate with innovative Solar Power Techno




Kolkata, Jan 29 (UNI) Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate.

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S. No	Publication	Headline	Date
8	ET Energyworld	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024




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Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal


"TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the Tata Power company said in a statement.

PTI

Updated On Jan 29, 2024 at 04:06 PM IST

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New Delhi: Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal. Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides.

"TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the Tata Power company said in a statement.

S. No	Publication	Headline	Date
9	Zee Business	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024

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Bifacial solar project in West Bengal

"TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the Tata Power company said in a statement.

Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides. Image Courtesy: Reuters.

Written By: **PTI**

Updated: Mon, Jan 29, 2024

94:17 pm

PTI

Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal. Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides.

S. No	Publication	Headline	Date
10	Outlook Business	Asia's Largest Tea Estate Welcomes Groundbreaking Bifacial Solar System	Jan 29, 2024




S. No	Publication	Headline	Date
11	Business Today	Tata Power shares hit fresh record high; here's what analysts say	Jan 29, 2024



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Tata Power's subsidiary -- Tata Power Renewable Energy -- has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. The company said it is "the first-ever installation of on-ground bifacial modules in eastern India."

Technical analysts largely suggested optimistic views on the counter. "The stock has seen a very significant upmove. It is looking positive but one should not be aggressive in buying. Wait for some dip or profit-booking," Osho Krishan, Senior Research Analyst - Technical & Derivatives at Angel One, told **Business Today TV**.

S. No	Publication	Headline	Date
12	Republic World	Tata Power Renewable Energy illuminates Asia’s largest tea estate with Bifacial Solar project	Jan 29, 2024

REPUBLIC.

**Tata Power Renewable Energy
illuminates Asia’s largest tea
estate with Bifacial Solar
project**

Despite facing challenging monsoon conditions over 3.5 months, the project, which involved installation of around 1,900 modules, was completed in six months.

Business Desk

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13	NDTV Profit	Tata Power Unit Installs First On-Ground Bifacial Modules In East India, Shares At Record	Jan 29, 2024

Tata Power Unit Installs First On-Ground Bifacial Modules In East India, Shares At Record

The on-ground bifacial modules capture sunlight from both sides of the panels, leading to increased energy generation.

Ananya Chaudhuri

29 Jan 2024, 02:24 PM IST

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388.85

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-8.21%

Shares of Tata Power Co. rose over 6% to an all-time high on Monday after its subsidiary made the first-ever installation of an on-ground bifacial modules in eastern India.

Tata Power Renewable Energy Ltd. has successfully commissioned the pioneering 1,040-kilowatt bifacial solar project with Chengmari tea estate in West Bengal, according to an exchange filing.

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14	Renewable Watch	Tata Power Renewable Energy commissions bifacial solar project for a tea estate	Jan 30, 2024

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Tata Power Renewable Energy commissions bifacial solar project for a tea estate

🕒 January 30, 2024

Tata Power Renewable Energy Limited (TPREL), in collaboration with Chengmari Tea Estate has successfully completed the commissioning of a 1,040 kW bifacial solar system project. This signifies the inaugural deployment of on-ground bifacial modules in the eastern region of India.

Despite facing difficult monsoon conditions for 3.5 months, the project, which included installing about 1,900 modules, was successfully finished in a six-month period. It is projected to produce annual energy of approximately 1.5 million units for the tea estate. The project is expected to substantially decrease the area's carbon footprint, anticipating an annual reduction of 2,942 million tonnes of emissions, which is equivalent to the environmental impact of planting 47,000 teak trees.

With this inclusion, the overall renewable capacity of TPREL has now achieved 9,012 MW, with power purchase agreement capacity of 7,626 MW. This encompasses 4,752 MW in various stages of development and 4,260 MW operational capacity, comprising 3,241 MW and 1,019 MW in solar projects and wind projects, respectively.

In December 2023, TPREL signed a power delivery agreement with Force Motors Limited and Jaya Hind Industries to deliver clean power for 25 years as a part of group captive scheme.

In November 2023, TPREL secured a letter of award from SJVN Limited to set up a 200 MW firm and dispatchable clean power with an additional greenshoe option.

S. No	Publication	Headline	Date
15	The Print	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024

The screenshot shows a news article on ThePrint website. The article is titled "Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal" and is dated 29 January, 2024. The article is categorized under "Economy". The main image is a large, faded "ThePrint" logo. The article text states: "New Delhi, Jan 29 (PTI) Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal." The right sidebar features a "Partner With Us" section and a "Most Popular" section with links to other articles.

S. No	Publication	Headline	Date
16	The Week	Tata Power Renewable Energy installs 1 000 kW bifacial solar project in West Bengal	Jan 29, 2024

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Tata Power Renewable Energy installs 1 000 kW bifacial solar project in West Bengal

PTI | Updated: January 29, 2024 15:34 IST

New Delhi, Jan 29 (PTI) Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal.

Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides.

"TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the Tata Power company said in a statement.

The project is expected to generate around 1.5 million units (MUs) of energy annually and reduce carbon footprint of 29,420 lakh tonnes, which is equivalent to planting 47,000 teak trees.

The project is located in West Bengal.

Deepesh Nanda, MD & CEO, Tata Power Renewable Energy Limited, said, "The innovative bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation. We are proud to be at the forefront of this revolution, pushing the boundaries of technological excellence and environmental stewardship."

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17	Kolkata 24*7	Renewable Energy: টাটাদের সৌর বিদ্যুৎ প্রকল্প রাজ্যে চালু	Jan 29, 2024



S. No	Publication	Headline	Date
18	Saur Energy	TPREL Makes A Solar Debut at Asia's Largest Tea Estate	Feb 2, 2024

Home » News » TPREL Makes A Solar Debut at Asia's Largest Tea Estate

TPREL Makes A Solar Debut at Asia's Largest Tea Estate

By Akash Ghuman / Updated On 11, Feb 2nd, 2024

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Highlights :

- The project involved the installation of approximately 1,900 modules which was completed in six months. It is expected to generate an estimated 1.5 MUs of energy annually for the Tea Estate.

TPREL Lights Up Asia's Largest Tea Estate With Bifacial Solar System Project. Photo: Pexels

Recently, Tata Power Renewable Energy Limited (TPREL), a subsidiary of Tata Power Company Limited, successfully commissioned a 1040 kW Bifacial Solar System project with Chengmari Tea Estate, said to be Asia's largest tea estate in Jalpaiguri, West Bengal. This marks the first-ever installation of on-ground bifacial modules in eastern India.

S. No	Publication	Headline	Date
19	PV Magazine	Tata Power lights up Asia’s largest tea estate with bifacial solar PV system	Jan 29, 2024

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Tata Power lights up Asia’s largest tea estate with bifacial solar PV system

Tata Power Renewable Energy Ltd has commissioned a 1.04 MW solar PV system for Chengmari Tea Estate. The installation uses 1,900 bifacial PV modules

JANUARY 29, 2024 **UMA GUPTA**

COMMERCIAL & INDUSTRIAL PVINDIA



Tata Power Renewable Energy Ltd

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Tata Power Renewable Energy Ltd (TPREL), an arm of The Tata Power Co. Ltd, has commissioned a 1.04 MW bifacial solar system project for Chengmari Tea Estate, Asia’s largest tea estate, situated on the foothills of Bhutan. The company said it’s the first-ever installation of on-ground bifacial modules in eastern India.

The project uses 1,900 PV modules and was completed within the six-month timeframe despite the challenging monsoon conditions over a period of 3.5 months. It is expected to generate an estimated 1.5 million units of electricity annually for the tea estate, helping to offset 29,420 lakh tonnes of CO₂ per year.

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Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal

Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal



Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal

PSU Watch Bureau

Published on: 29 Jan 2024, 9:14 pm

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New Delhi: Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal.

Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides.

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"TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the Tata Power company said in a statement.

S. No	Publication	Headline	Date
21	EQ Magazine	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024

Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal – EQ

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In Short : Tata Power Renewable Energy has successfully installed a 1,000 kW bifacial solar project in West Bengal. This project, leveraging bifacial solar technology, signifies Tata Power’s commitment to adopting advanced solutions for efficient and sustainable energy generation in the region.

In Detail : New Delhi : Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal.

Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides.

“TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India,” the Tata Power company said in a statement.

S. No	Publication	Headline	Date
22	EPR Magazine	TPREL commissions groundbreaking bifacial solar project at Asia's largest tea estate	Jan 29, 2024



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TPREL commissions groundbreaking bifacial solar project at Asia's largest tea estate

January 29, 2024 2:50 pm




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First-of-its-kind 1040 kW Bifacial Solar System installation at Chengmari Tea Estate, in Eastern India.

Tata Power Renewable Energy Limited (TPREL), a prominent player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, which is Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India. Despite facing challenging monsoon conditions over a period of 3.5 months, the project involving the installation of approximately 1,900 modules was completed within an impressive six-month timeframe. It is expected to generate an estimated 1.5 MUs of energy annually for the tea estate.

Speaking on the project commissioning, Deepesh Nanda, MD & CEO, Tata Power Renewable Energy Limited, said, "TPREL takes great pride in announcing the successful commissioning of this innovative Bifacial Solar System project at Asia's largest tea estate. The innovative Bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation. We are proud to be at the forefront of this revolution, pushing the boundaries of technological excellence and environmental stewardship."

S. No	Publication	Headline	Date
23	Manufacturing Today	Tata Power successfully installs 1,000 kW bifacial solar system in West Bengal	Feb 1, 2024

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Tata Power successfully Installs 1,000 kW bifacial solar system in West Bengal

Tata Power leads renewable energy initiatives, and this project shows its commitment to sustainability and cutting-edge technologies for a cleaner energy future.

 by Staff Writer | February 1, 2024SHARE



Tata Power Renewable Energy Ltd (TPREL) has successfully commissioned a groundbreaking 1,040 kW bifacial solar system project in West Bengal, representing a significant milestone for the region's solar energy landscape. The innovative bifacial solar system features panels that capture sunlight from both surfaces, optimising energy production from two sides.

In collaboration with Chengmari Tea Estate, this project stands as the inaugural on-ground installation of bifacial modules in eastern India. Anticipated to generate approximately 1.5 million unit (MUs) of energy annually, the initiative is poised to make a substantial impact by reducing the carbon footprint by 29,420 lakh tonne. This reduction is equivalent to the environmental benefit of planting 47,000 teak trees. The strategic location of the project in West Bengal adds to its significance.

Deepesh Nanda, Managing Director and CEO of Tata Power Renewable Energy Ltd, has highlighted the project's innovative use of bifacial technology, emphasising its capacity to capture sunlight from both sides of the solar panels. This advancement signifies a leap forward in clean energy generation, showcasing Tata Power's commitment to technological excellence and environmental stewardship.

Madison PR

S. No	Publication	Headline	Date
25	Energy Watch	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024



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Solar

Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal

Tata Power Renewable Energy Ltd (TPREL) said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal



Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal | EnergyWatch

EW Bureau

Published on: 29 Jan 2024, 9:28 pm

New Delhi: Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal. Bifacial solar system comprises solar panel which captures sunlight from both surfaces and produces power from two sides.

"TPREL has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the Tata Power company said in a statement.

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Illuminates Asia's Largest Tea Estate with Solar

Generate an estimated 1.5 MUs of energy annually; reduces carbon footprint of 29420 lakh tonnes of CO2, equivalent to planting 47,000 teak trees

ENVIRO ANNOTATIONS
29-JAN-2024



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Tata Power Renewable Energy Limited (TPREL), a prominent player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has achieved a significant milestone by successfully commissioning a groundbreaking 1040 kW Bifacial Solar System project at Chengmari Tea Estate, Asia's largest tea estate. This landmark initiative represents the introduction of on-ground bifacial modules for the first time in eastern India.

Madison PR

S. No	Publication	Headline	Date
27	Decdiscourse	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024

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Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal

This marks the first-ever installation of on-ground bifacial modules in eastern India, the Tata Power company said in a statement. The project is expected to generate around 1.5 million units (MU) of energy annually and reduce carbon footprint of 29,420 lakh tonnes, which is equivalent to planting 47,000 teak trees. The project is located in West Bengal. Deepesh Nanda, MD CEO, Tata Power Renewable Energy Limited, said, The innovative bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation.

PTI | New Delhi | Updated: 29-01-2024 15:34 IST | Created: 29-01-2024 15:31 IST



Representative Image Image Credit: Wikipedia

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Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal.

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S. No	Publication	Headline	Date
28	News Drum	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024

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Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal

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New Delhi: Tata Power Renewable Energy Ltd (TPREL) on Monday said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal.

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S. No	Publication	Headline	Date
29	Projects Today	Tata Power commissions 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024



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Tata Power commissions 1,000 kW bifacial solar project in West Bengal

Tuesday, 30 Jan 2024

Tata Power Renewable Energy (TPREL) has commissioned a 1,000 kW bifacial solar system project in West Bengal. The project is expected to generate around 1.5 million units (MUs) of energy annually and reduce carbon footprint of 29,420 lakh tonne.

With this, TPREL has successfully commissioned a pioneering 1,040 kW bifacial solar project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India.

Further, this innovative bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation.

TPREL is Tata Power's primary investment vehicle for the clean and renewable energy based power generation capacity.

S. No	Publication	Headline	Date
31	The Machine Maker	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024



S. No	Publication	Headline	Date
32	Industry Outlook	TPREL To Setup 1,000 KWh Solar Facility In West Bengal	Jan 29, 2024




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TPREL To Setup 1,000 KWh Solar Facility In West Bengal

By: Industry Outlook Team | Monday, 29 January 2024








Tata Power Renewable Energy Ltd (TPREL) on Jan 29 said it has commissioned a 1,000-kilowatt bifacial solar system project in West Bengal. A bifacial solar system comprises a solar panel that captures sunlight from both surfaces and produces power from two sides.

"TPREL has successfully commissioned a pioneering 1040 kW **Bifacial Solar System** project with Chengmari Tea Estate. This marks the first-ever installation of on-ground bifacial modules in eastern India," the **Tata Power company** said in a statement.

S. No	Publication	Headline	Date
33	MSN.Com	Tata Power Renewable Energy installs 1,000 kW bifacial solar project in West Bengal	Jan 29, 2024

S. No	Publication	Headline	Date
34	Employment and Education	TPREL Lights Up Asia's Largest Tea Estate With Innovative Solar Power	Jan 29, 2024



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TPREL Lights Up Asia's Largest Tea Estate With Innovative Solar Power Techno

By E2India — Last updated Jan 29, 2024 — 37 — 0

LIFESTYLE



Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India, according to a media statement on Monday. Despite the challenging monsoon conditions over a period of 3.5 months, the project involving the installation of approximately 1,900 modules was completed within an impressive six-month timeframe and is expected to generate an estimated 1.5 MUs of energy annually for the tea estate. Speaking on the project commissioning, Deepesh Nanda, MD & CEO, Tata Power Renewable Energy Limited, said, "TPREL takes great pride in announcing the successful commissioning of this innovative Bifacial Solar System project at Asia's largest tea estate.

S. No	Publication	Headline	Date
35	Orissa Diary	Tata Power Renewable Energy Limited Lights Up Asia's Largest Tea Estate With Innovative Solar Power Technology	Jan 29, 2024

National, January 30th 2024: Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India.

Despite the challenging monsoon conditions over a period of 3.5 months, the project involving the installation of approximately 1,900 modules was completed within an impressive six-month timeframe and is expected to generate an estimated 1.5 MUs of energy annually for the Tea Estate.

S. No	Publication	Headline	Date
36	Angel News	Tata Power Renewable Energy Limited illuminates the largest tea estate in Asia	Jan 29, 2024



S. No	Publication	Headline	Date
37	Biz Industry	Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology	Jan 29, 2024

Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology

- The first-ever installation of on-ground bifacial modules captures sunlight from both sides of the panels, leading to increased energy generation
- Generate an estimated 1.5 MUs of energy annually; reduces carbon footprint of 29420 lakh tonnes of CO₂, equivalent to planting 47,000 teak trees


National, January 30th 2024: Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India.

Despite the challenging monsoon conditions over a period of 3.5 months, the project involving the installation of approximately 1,900 modules was completed within an impressive six-month timeframe and is expected to generate an estimated 1.5 MUs of energy annually for the Tea Estate.

Speaking on the project commissioning, Mr. Deepesh Nanda, MD & CEO, Tata Power Renewable Energy Limited, said, *"TPREL takes great pride in announcing the successful commissioning of this innovative Bifacial Solar System project at Asia's largest tea estate. The innovative Bifacial technology, capturing sunlight from both sides of the solar panels, represents a significant leap forward in enhanced clean energy generation. We are proud to be at the forefront of this revolution, pushing the boundaries of technological excellence and environmental stewardship."*

The recent inauguration ceremony, attended by around 100 tea garden workers and owners, underscored the transformative impact of TPREL's commitment to clean and sustainable energy practices in the region. The initiative is projected to significantly reduce the region's carbon footprint, with an estimated annual decrease of 29,420 lakh tonnes of CO₂, equivalent to planting 47,000 teak trees.

S. No	Publication	Headline	Date
38	SPV Today	Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology	Jan 29, 2024

 SPV Today

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Home > News > Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with...







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Tata Power Renewable Energy Limited Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology

The first-ever installation of on-ground bifacial modules captures sunlight from both sides of the panels, leading to increased energy generation. Generate an estimated 1.5 MUs of energy annually; reduces carbon footprint of 29420 lakh tonnes of CO2, equivalent to planting 47,000 teak trees.

January 30, 2024 45 0

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Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India.

S. No	Publication	Headline	Date
39	Odisha Haat	Tata Power Renewable Energy Limited Lights Up Asia’s Largest Tea Estate With Innovative Solar Power Technology	Jan 29, 2024

Tata Power Renewable Energy Limited Lights Up Asia’s Largest Tea Estate With Innovative Solar Power Technology

 By Saswati Patra — Last updated Jan 30, 2024

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- The first-ever installation of on-ground bifacial modules captures sunlight from both sides of the panels, leading to increased energy generation
- Generate an estimated 1.5 MUs of energy annually; reduces carbon footprint of 29420 lakh tonnes of CO2, equivalent to planting 47,000 teak trees

Bhubaneswar: Tata Power Renewable Energy Limited (TPREL), a leading player in India’s renewable energy sector and a subsidiary of The Tata Power Company Limited, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia’s largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India.

S. No	Publication	Headline	Date
40	Equity Bulls	Tata Power Renewable Energy Ltd Lights up Asia's Largest Tea Estate with Innovative Solar Power Technology	Jan 29, 2024

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TATA

TATA POWER

Tata Power Renewable Energy Limited (TPREL), a leading player in India's renewable energy sector and a subsidiary of the Company, has successfully commissioned a pioneering 1040 kW Bifacial Solar System project with Chengmari Tea Estate, Asia's largest tea estate. This marks the first-ever installation of on-ground bifacial modules in eastern India.

S. No	Publication	Headline	Date
41	Asian Age (Print)	Tata Power arm commissions solar project	Jan 30, 2024

