

How NTPC is making its energy portfolio greener?

NTPC is taking various steps to make its energy portfolio greener by adding significant capacities of Renewable Energy (RE) Sources. By 2032, the company plans to have 60GW capacity through RE sources constituting nearly 45% of its overall power generation capacity.

What is the total Renewable Energy capacity of NTPC group?

As on 30.08.2024, the Renewable Energy capacity of NTPC group is 3866 MW commissioned, 9168 MW under execution and 11275 MW in pipeline. NTPCREL has been formed with an objective to accelerate the Renewable Energy growth of the Company and increase the green footprint across country, Offshores and overseas.

What is NTPC green energy & mahapreit doing?

NTPC Green Energy and MAHAPREIT have set up a 74:26 joint venture to build and operate up to 10 GW of renewable energy projects.

Who is NTPC renewable?

Earlier this year, NTPC Renewable emerged as a successful bidder in the e-reverse auction conducted by Uttar Pradesh Power Corporation Ltd. (UPPCL).

What is NTPC-mahapreit Green Energy Limited (ngel)?

NTPC Green Energy Limited (NGEL), a subsidiary of NTPC Limited, has joined hands with Mahatma Phule Renewable Energy and Infrastructure Technology Limited (MAHAPREIT) to incorporate a new company--NTPC-MAHAPREIT Green Energy Limited--to develop, operate, and maintain renewable energy parks across India.

What is the NTPC Unchahar solar project?

The NTPC Unchahar solar project is a 10MW solar PV project developed under Phase-I of Jawaharlal Nehru National Solar Mission. It was developed by M/s BHEL in 2013 under an EPC model and the power generated is evacuated to DVC through a 220kV switchyard.

The 25MW Floating Solar PV Project developed on the raw water reservoir of NTPC Simhadri Super Thermal Power Project is the Largest Floating Solar Power Project in India. To develop the floating solar industry, NTPC took a lead in ...

To achieve the set target, NTPC is setting up ground mounted solar PV projects, Floating solar PV, Wind and Hybrid projects. The floating solar projects have great potential to save water by ...

The Yogi Adityanath government is also mulling over large-scale solar energy projects, including solar parks with a combined capacity of 4,800 MW, with the tendering process underway. "We are not only aiming to

achieve ...

MW Ettayapuram Solar PV project is being developed in under the CPSU Scheme Phase-II Tranche-I of Ministry of New & Renewable Energy, Govt. of India (MNRE). The ...

The renewable energy arm of Larsen and Toubro has won the engineering, procurement, and construction (EPC) contract for the 200 MW project in Gujarat through an e-reverse auction conducted by NTPC limited ...

The tender, aimed at the "Selection of Solar Power Developers for Setting up 2000 MW ISTS-connected Solar PV Power Projects in India under Tariff-Based Competitive ...

New Delhi, 26 November, 2021: NTPC Renewable Energy Limited, a wholly-owned subsidiary of NTPC Ltd, India's largest integrated energy company has signed a PPA and other Project ...

Sri Lanka. NTPC is setting up solar PV and LNG based power project in Sri Lanka. Trincomalee Power Company Limited (TPCL)- A 50:50 Joint venture between NTPC Ltd. and Ceylon Electricity Board (CEB), was incorporated in ...

The 23MW Solapur ground mounted Solar PV project is being developed inside the existing NTPC Solapur Thermal power station. The project is being developed under multi package ...

The Khavda solar projects are part of NTPC's broader strategy to increase its renewable energy capacity and reduce its carbon footprint. The projects are located in the ...

NTPC Renewable Energy Ltd., a wholly owned subsidiary of NTPC Green Energy Ltd., has emerged as a successful bidder in the e-reverse auction conducted by NHPC Ltd. ...

Solar modules used in the project must be included in List-I under the Approved Models and Manufacturers of Solar Photovoltaic Modules. In May this year, Apraava Energy, Avaada Energy, ReNew Solar Power (ReNew), ...

NTPC REL secured a capacity of 300MW at a tariff of INR3.09/kWh. In line with the Request for Selection (RFS) conditions, the project will include the establishment of an Energy ...

NTPC Green Energy and MAHAPREIT have set up a 74:26 joint venture to build and operate up to 10 GW of renewable energy projects.

MW Solar PV project at Bilhaur is providing power to Uttar Pradesh through Uttar Pradesh New & Renewable Energy Development Authority (UPNEDA). The project was won ...

The 90MW Anta ground mounted Solar PV project is being developed inside the existing NTPC Anta Gas

power station. The 90MW capacity was won by NTPC in 2020 through Tariff Based ...

New Delhi, July 20th, 2021: NTPC Renewable Energy Ltd (NTPC REL), a 100% subsidiary of NTPC, has emerged winner at the Rewa Ultra Mega Solar Limited (RUMSL) auction for a 450 ...

The company seeks to offer sustainable and clean power for an affordable price by 2032. In early 2025, NTPC Renewable Energy, a subsidiary of NTPC Green Energy which is ...

NTPC Renewable Energy Ltd has secured a 500 MW solar power project in an e-reverse auction conducted by the Solar Energy Corporation of India (SECI) on December 9, ...

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