



Jakson Green to build world's first Methanol production plant in partnership with NTPC

- Set to commence production shortly, the Methanol plant will be established at NTPC's existing thermal power station in Vindhyachal, Madhya Pradesh (MP)
- This first-of-its-kind project in India and the world will provide thrust to NTPC's foray into molecules business

New Delhi, India, April 5, 2023: Jakson Green, India's leading player in the renewable and new energy space, has won a first-of-its-kind project from National Thermal Power Corporation (NTPC) to establish a Methanol synthesis facility at Vindhyachal, Madhya Pradesh

Methanol is a cleaner alternative fuel that can be used for various purposes, including Power generation and transportation. The subject Methanol synthesis plant will be a part of NTPC's Vindhyachal Thermal Power plant with a production capacity of 10 tonnes-per-day (TPD). The Methanol production unit is being designed to convert 20 TPD CO₂ to 10 TPD Methanol through a catalytic hydrogenation process, utilising CO₂ from thermal plant flue gas through a carbon capture unit and green hydrogen produced by electrolysis.

Jakson Green will oversee the entire design, engineering, procurement, and construction of this project on turnkey basis, in partnership with NTPC and their leading Japanese technology provider for the Methanol synthesis process. The Company will establish the plant on a fast-track basis and is confident that the project's success will pave the way for more such projects in the coming future.

Elaborating more on the project, Mr. Bikesh Ogra, CEO and Managing Director of Jakson Green Private Limited said, "We believe that Methanol production is a key element in India's transition to a low-carbon economy, and we are proud to be at the forefront of the movement. We are thankful to NTPC for giving us an opportunity to partner them in developing this useful Hydrocarbon and propagate its widespread use for a cleaner and greener world. We are confident that this Methanol synthesis plant built in association with NTPC will strengthen India's vision of becoming a Methanol economy, which will, in turn, reduce India's dependence on crude oil imports and mitigate pollution."

India envisions the creation of a Methanol economy, which will help reduce carbon emissions and promote a sustainable environment. It will reduce India's dependence on oil imports and simultaneously curb the pollution from electricity sector. Further, it will help India meet its Paris Climate Change Agreement obligation to reduce carbon emissions by 33-35% by 2030.

ABOUT JAKSON GREEN:

Jakson Green is a new energy transition platform backed by India headquartered Infrastructure and Renewable major, Jakson Group. The company focusses on EPC, IPP, IHP and O&M of new energy assets spanning solar, utility scale storage, waste-to-energy, fuel cell technologies, gasification-based projects, green hydrogen and green ammonia projects. Promoted and led by Bikesh Ogra, a renewable sector veteran with over 10GW of experience across 26 countries, the firm has built up an impressive global presence in a short span since its inception and plans to deliver 10GW renewable energy assets by 2025 and 20GW by 2030. The firm plans to enter the electrolyser manufacturing space, besides building and operating



green hydrogen assets globally, in line with its vision of being a power-to-X player cumulatively producing over 1 million ton per annum of green hydrogen/ammonia by 2030.

About Jakson Group:

Established in the year 1947, Jakson Group is a diversified energy and infrastructure company having expertise in Distributed Energy, Solar Energy, EPC, Hydrogen, Hybrid & Battery Energy Storage Solutions.

Jakson is head quartered at Noida and has four state of the art manufacturing facilities for manufacturing of Generating Sets, Solar Modules and Battery Energy Storage Systems. The Company has a pan India presence including SAARC, Middle East and African regions. Today Jakson is ranked amongst the Top 10 energy companies & is amongst the top 5 Solar Roof Top EPC companies in India. The Company employs of 2500 employees, has over 50,000 loyal customers & an annual revenue of \$400 Million.

About NTPC:

NTPC is India's largest power utility with an installed capacity of 71,594 MW (including JVs), plans to become a 130 GW company by 2032. Established in 1975, NTPC aims to be the world's largest and best power major.

FOR MEDIA ENQUIRIES, CONTACT

Ms. Surbhi Shukla Corporate Communications Jakson Green Private Limited T: +91-9910896659 E: surbhi.shukla@jakson.com	Mr. Tushar Bhamre Sr. Account Manager Concept PR T: +91 8108105235 E: tushar@conceptpr.com
---	--

Jakson Green to build world's first Methanol production plant in partnership with NTPC

- Set to commence production shortly, the Methanol plant will be established at NTPC's existing thermal power station in Vindhyachal, Madhya Pradesh (MP)
- This first-of-its-kind project in India and the world will provide thrust to NTPC's foray into molecules business

New Delhi, India, April 5, 2023: Jakson Green, India's leading player in the renewable and new energy space, has won a first-of-its-kind project from National Thermal Power Corporation (NTPC) to establish a Methanol synthesis facility at Vindhyachal, Madhya Pradesh

Methanol is a cleaner alternative fuel that can be used for various purposes, including Power generation and transportation. The subject Methanol synthesis plant will be a part of NTPC's Vindhyachal Thermal Power plant with a production capacity of 10 tonnes-per-day (TPD). The Methanol production unit is being designed to convert 20 TPD CO₂ to 10 TPD Methanol through a catalytic hydrogenation process, utilising CO₂ from thermal plant flue gas through a carbon capture unit and green hydrogen produced by electrolysis.

Jakson Green will oversee the entire design, engineering, procurement, and construction of this project on turnkey basis, in partnership with NTPC and their leading Japanese technology provider for the Methanol synthesis process. The Company will establish the plant on a fast-



track basis and is confident that the project's success will pave the way for more such projects in the coming future.

Elaborating more on the project, Mr. Bikesh Ogra, CEO and Managing Director of Jakson Green Private Limited said, "We believe that Methanol production is a key element in India's transition to a low-carbon economy, and we are proud to be at the forefront of the movement. We are thankful to NTPC for giving us an opportunity to partner them in developing this useful Hydrocarbon and propagate its widespread use for a cleaner and greener world. We are confident that this Methanol synthesis plant built in association with NTPC will strengthen India's vision of becoming a Methanol economy, which will, in turn, reduce India's dependence on crude oil imports and mitigate pollution."

India envisions the creation of a Methanol economy, which will help reduce carbon emissions and promote a sustainable environment. It will reduce India's dependence on oil imports and simultaneously curb the pollution from electricity sector. Further, it will help India meet its Paris Climate Change Agreement obligation to reduce carbon emissions by 33-35% by 2030.

ABOUT JAKSON GREEN:

Jakson Green is a new energy transition platform backed by India headquartered Infrastructure and Renewable major, Jakson Group. The company focusses on EPC, IPP, IHP and O&M of new energy assets spanning solar, utility scale storage, waste-to-energy, fuel cell technologies, gasification-based projects, green hydrogen and green ammonia projects. Promoted and led by Bikesh Ogra, a renewable sector veteran with over 10GW of experience across 26 countries, the firm has built up an impressive global presence in a short span since its inception and plans to deliver 10GW renewable energy assets by 2025 and 20GW by 2030. The firm plans to enter the electrolyser manufacturing space, besides building and operating green hydrogen assets globally, in line with its vision of being a power-to-X player cumulatively producing over 1 million ton per annum of green hydrogen/ammonia by 2030.

About Jakson Group:

Established in the year 1947, Jakson Group is a diversified energy and infrastructure company having expertise in Distributed Energy, Solar Energy, EPC, Hydrogen, Hybrid & Battery Energy Storage Solutions.

Jakson is head quartered at Noida and has four state of the art manufacturing facilities for manufacturing of Generating Sets, Solar Modules and Battery Energy Storage Systems. The Company has a pan India presence including SAARC, Middle East and African regions. Today Jakson is ranked amongst the Top 10 energy companies & is amongst the top 5 Solar Roof Top EPC companies in India. The Company employs of 2500 employees, has over 50,000 loyal customers & an annual revenue of \$400 Million.

About NTPC:

NTPC is India's largest power utility with an installed capacity of 71,594 MW (including JVs), plans to become a 130 GW company by 2032. Established in 1975, NTPC aims to be the world's largest and best power major.

FOR MEDIA ENQUIRIES, CONTACT

Ms. Surbhi Shukla Corporate Communications Jakson Green Private Limited	Mr. Tushar Bhamre Sr. Account Manager Concept PR
---	--



T: +91-9910896659 | E:
surbhi.shukla@jakson.com

T: +91 8108105235 | E:
tushar@conceptpr.com