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India's renewable energy capacity surges to 195 GW, focus on green hydrogen

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New Delhi: [India's renewable energy capacity](#) has surged to 195 GW, up from 76 GW in 2014, Union Minister of Consumer Affairs, Food and Public Distribution & New and Renewable Energy Pralhad Joshi said. Speaking at the

inauguration of Ohmium's electrolyser manufacturing facility in Doddaballapur, Karnataka, Joshi emphasized the potential for India to drive global green energy growth.

"The MNRE is relentlessly working towards the vision of achieving Green Energy goals," Joshi said. He highlighted that [solar power capacity](#) has increased from 3 GW in 2014 to over 85 GW, while [wind power capacity](#) has grown from 21 GW to over 46 GW in the last decade. The new electrolyser facility is set to deliver 2GW of fully assembled and tested systems, contributing to these efforts.

Joshi noted that modern facilities like Ohmium's would enhance India's energy security by producing [green hydrogen](#), reducing reliance on fossil fuels, and integrating solar and wind energy. "Domestic electrolyzer manufacturing will ensure a steady supply, reducing import dependence and enhancing energy independence," he said.

He linked these developments to the National Green Hydrogen Mission, which aims to position India as a global hub for hydrogen production, export, and usage. "The potential of green hydrogen is limitless. It can decarbonize sectors like transportation, steel manufacturing, and heavy industry," Joshi added.

Joshi also highlighted government incentives, including waivers on ISTS charges for green hydrogen production plants until 2030. He projected that India could have an installed electrolyser capacity of 60GW-100GW by 2030. "The government is committed to encouraging this sector to meet domestic demand and become a reliable global supplier," he said.

The minister pointed out that under the SIGHT (Strategic Interventions for Green Hydrogen Transition) programme, tenders for 4.12 lakh tonne per annum have been awarded to 10 companies. He stressed the importance of speed and scale in achieving India's renewable energy goals.

The event was attended by Karnataka's Minister of Large & Medium Industries & Infrastructure Development M.B. Patil, KREDL Chairman & MLA Sringeri, T.D. Rajegowda, and MLA Doddaballapur, Dheeraj Muniraj.