

Goldi Solar Leverages AI to Drive Unprecedented Manufacturing Scale-Up, Targeting 14GW Capacity by FY26

March 26, 2025



Goldi Solar, a leading Indian solar manufacturer, has announced its successful implementation of India's first AI-powered solar manufacturing line, paving the way for a rapid expansion of its production capacity. Ishver Dholakiya, Founder and Managing Director, revealed that the company's ambitious plan to scale operations from 3GW to 14GW by mid-FY26 is directly enabled by the integration of advanced artificial intelligence.

The company recently launched its state-of-the-art AI-driven factory in Surat, Gujarat, marking a significant milestone in the Indian solar manufacturing sector. Dholakiya emphasized that the AI technology has facilitated a multitude of technical optimizations and enhancements, making the aggressive capacity expansion feasible.

"The implementation of AI in our manufacturing processes has revolutionized our operational efficiency," Dholakiya stated. "This technology allows us to achieve levels of precision and speed previously unattainable with conventional methods, which is crucial for our planned scale-up."

Goldi Solar's strategic adoption of AI underscores the company's commitment to innovation and its drive to meet the growing demand for solar energy solutions. The planned expansion to 14GW positions Goldi Solar as a major player in the global solar market, contributing significantly to India's renewable energy goals.