

Guna Solar Commissions 994.2 kW Rooftop Solar Plant for Modine Thermal Under Zero-Investment Model

Category: Business

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Guna Solar Private Limited, one of India's fastest-growing Solar EPC companies based in Chennai, has successfully commissioned a 994.2kW rooftop solar power plant for Modine Thermal Systems Private Limited at their state-of-the-art manufacturing unit in SIPCOT, Sriperumbudur.



Actual picture of solar rooftop plant installed by Guna Solar Pvt. Ltd. at the facility of Modine Thermal Systems Private Limited at Sriperumbudur

The project has been financed by SIDBI under OPEX model, ensuring zero upfront investment for Modine Thermal. Under the OPEX model, Guna Solar not only conceived the project but also executed complete EPC and will provide long-term O&M services, ensuring uninterrupted clean energy for decades to come.

Under the OPEX model, Guna Solar retains ownership of the rooftop solar plant and has entered into a Power Purchase Agreement (PPA) with Modine Thermal to supply electricity at 50% of the prevailing grid tariff. This results in immediate and significant savings – effectively reducing Modine's power costs by 50% from Day One.

Commenting on the project, **Rajesh Rangarajan, MD & CEO, Guna Solar**, said, *"We believe in creating value for industries by converting unused rooftops into revenue-saving assets. Our financing models – CAPEX, Lease, Deferred CAPEX, and OPEX – make solar accessible to every company, regardless of their upfront budget."*

According to **R Sathish, Managing Director, Modine Thermal Systems Pvt. Ltd.**, *"It gives us great pride to share that our Modine India factory has embraced renewable energy by installing a solar power plant at our facility in Sriperumbudur. Thanks to Guna Solar and its Leadership team's professionalism and expertise, which enabled seamless collaboration & execution, allowing us to move closer to our green energy goals. This project, through the OPEX Model & PPA, besides ZERO upfront investment, will enable us to source power at an affordable, pre-determined cost for a long time."* Additionally, he noted that this not only reflects our commitment to sustainability but also supports energy independence, reliable & efficient power, thereby reducing our carbon footprint & making our journey towards a greener

future.

For Guna Solar, this installation is yet another accomplishment as the plant was completed in 100 days, with best-in-class equipment, precision engineering, and stringent safety standards. According to Rajesh, this gives us confidence that Guna Solar has come of age in delivering customized, flexible solar solutions across India – helping clients achieve both economic and environmental goals.

Dwelling on the salient features of the project, Jordi Aragones Juncosa, CTO, Guna Solar, said, the project has been developed under a net metering arrangement. This ensures full energy utilization and enhances the economic viability of the plant for Modine Thermal. The plant employs advanced DC optimization with module-level electronics, enabling individual panel monitoring for enhanced diagnostics, Superior energy yield, even under shade or roof obstructions, and High-resolution analytics to drive operational efficiency.

Importantly, to ensure personnel and asset safety, the system includes module-level rapid shutdown capability, aligned with evolving global safety standards such as FM Global. This allows quick system deactivation during emergencies or maintenance.

About Guna Solar Private Limited

Guna Solar is a pioneering clean energy company with a decade-long legacy of delivering high-performance and investment-backed solar solutions that power industries, institutions, and commercial spaces across India. Now in its 11th year of operations, Guna Solar has successfully executed 180+ projects across India, helping clients cut electricity costs and accelerate their sustainability goals.

Headquartered in Chennai with offices in Bangalore and New Delhi, Guna Solar offers end-to-end solar services-from project conceptualization and precision engineering to

construction, financing, and long-term asset management. The company also invests in select projects under PPA and lease models, enabling zero-upfront cost solutions for clients.

Known for its creative problem-solving and rigorous engineering, Guna Solar delivers rooftop and ground-mounted systems with an unwavering focus on safety, quality, and long-term performance. Its flexible engagement models – CAPEX, deferred CAPEX, lease, and OPEX/PPA-allow organizations to choose what best fits their financial and operational needs.

With 10+ years of proven impact and a passionate team driving innovation, Guna Solar is not just installing solar plants-it is powering India's clean energy future with intelligence, creativity, and commitment.

For more information, visit www.gunasolar.com

