



Radiant Energy



About Us

“Vision-Driven. Technology-Led. Future-Ready”

Radiant Energy Private Limited is a leading Solar EPC (Engineering, Procurement & Construction) firm dedicated to delivering end-to-end renewable energy solutions that power industries and communities. We combine engineering precision, procurement intelligence, and construction excellence to execute solar power projects across utility, commercial, and industrial segments. From concept to commissioning, we design and deliver turnkey solar power plants that align with global energy goals and India’s vision for a carbon-neutral future.

Our Mission:

To accelerate the world’s transition to renewable energy through reliable, scalable, and intelligent solar infrastructure.

Our Vision:

To be among India’s most trusted clean energy partners — transforming sunlight into sustainable growth.



why us **Solar Panel**



“Your Partner in Energy Transformation”

- **Proven Expertise:** Backed by decades of cumulative experience in solar engineering, project design, and on-ground execution excellence.
- **Turnkey Solutions:** Comprehensive EPC services — from initial feasibility studies to grid synchronisation and commissioning.
- **Assured Energy Output:** Guaranteed power generation backed by advanced design and technology.
- **Quality Without Compromise:** Every system uses Tier-1 modules, inverters, and structures sourced from globally reputed manufacturers.
- **On-Time Delivery:** Our project management framework and dedicated field teams ensure milestones are achieved — on schedule, every time.



ENGINEERING



PROCUREMENT



CONSTRUCTION



O&M

Our Expertise in Solar Solutions

- Ground mounted solar power projects
- Rooftop solar projects
- Solar street lighting systems
- Floating solar projects
- Hybrid and battery energy storage systems

Our **EPC** Services



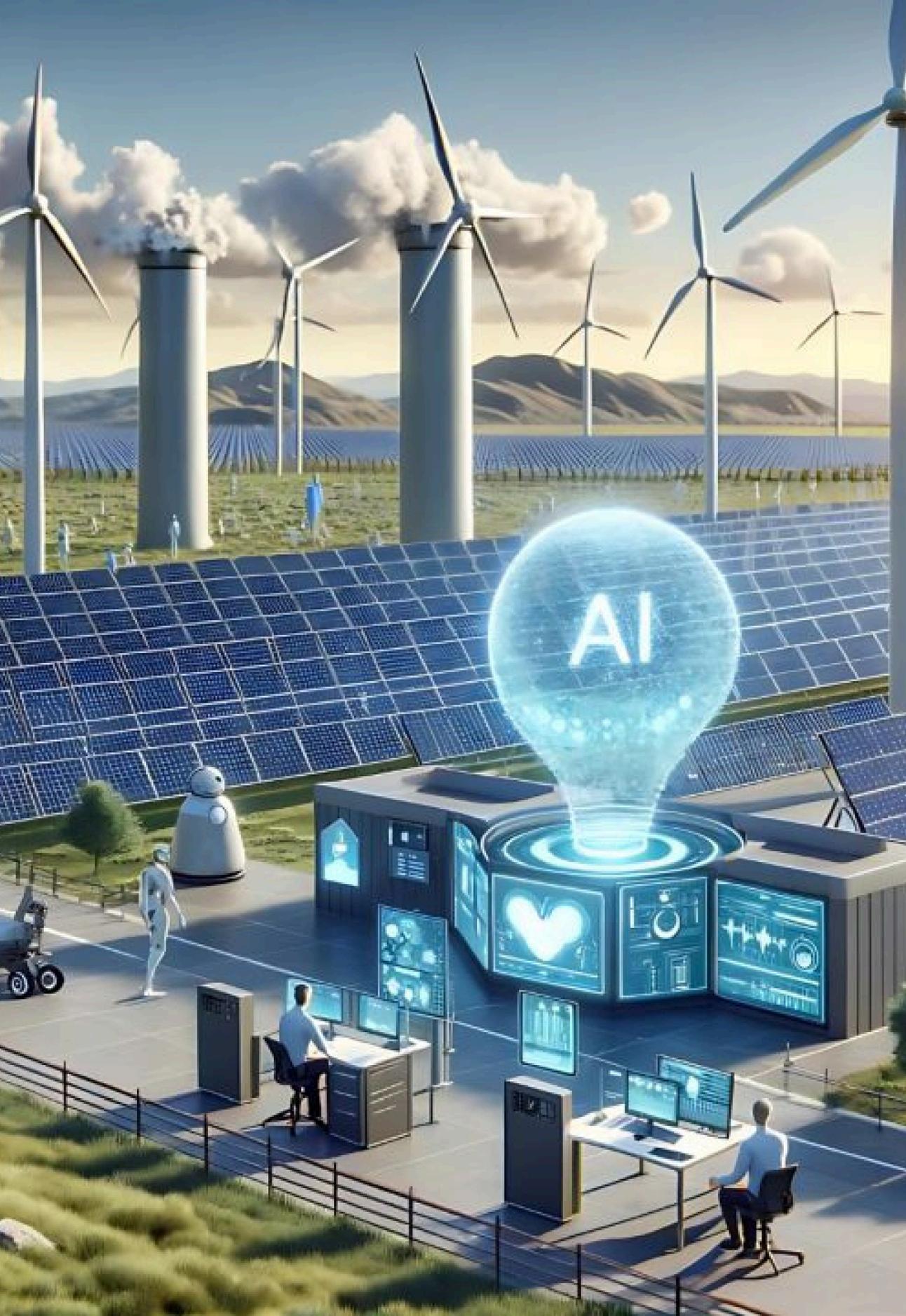
Technical Excellence

“Innovation that Powers Performance.”

Our team integrates advanced tools, intelligent design algorithms, and real-time monitoring to enhance every phase of project execution.

Core Competencies:

- AutoCAD & PVsyst-based system design
- Remote performance analytics via IoT
- AI-based yield prediction and diagnostics
- SCADA-enabled plant control systems
- Robust quality management (ISO 9001, 14001 & 45001 compliant).



AI-Driven Energy Intelligence

“Smarter Operations, Higher Yields”

At Radiant Energy, we go beyond conventional solar EPC by integrating artificial intelligence and data analytics into every stage of plant operation.

Our AI-driven energy platform continuously monitors performance, detects inefficiencies, and predicts potential faults — ensuring optimal yield, maximum uptime, and smarter asset management.

Project Portfolio

“A Legacy of Excellence. A Future of Growth.”

“Every project we build stands as a testament to innovation, quality, and trust.”

Highlights:

- 2 MW Captive Solar Power Plant – Tamil Nadu
- 4 MW Utility-Scale Solar Project – Industrial Client
- 1 MW Rooftop Solar System – Manufacturing Sector
- Hybrid Solar + Battery Solutions for MSMEs

Our projects consistently deliver >99% uptime and >22% annual performance ratio, ensuring strong financial returns for our partners.





“Solar Projects That Deliver Measurable ROI”

We structure projects to ensure financial viability, long-term yield stability, and bankable energy output.

Investor Benefits:

- Attractive IRRs (12–18% depending on project model)
- Payback period within 6–7 years
- Long-term power purchase stability
- Comprehensive CAPEX & OPEX optimization

Whether through captive consumption, third-party sale, or open access, our models are designed to maximize investor value.

Financial & Investment Perspective

TEAM & LEADERSHIP

“Driven by Vision. Defined by Expertise.”

Our leadership team brings together professionals from the fields of energy, infrastructure, and finance — united by one goal to make renewable power reliable and accessible. 40+ Professionals with 10 years experience

Core Team Expertise:

- Solar EPC Project Management
- Power System Engineering
- Asset Management & O&M
- Sustainability Strategy

Together, we translate vision into execution — ensuring that every project adds measurable value to our partners.



PANELS WE ARE USE

Our choice of panels isn't random—it's deliberate. We've partnered with this brand because they stand for reliability, efficiency, and long-term value. Each panel is engineered to capture the maximum sunlight, even in low-light conditions, turning every ray into consistent energy for your home or business. With their proven durability and performance warranties, these panels don't just power your space today—they safeguard your energy future for decades. In short, we use this brand because they match our promise: quality you can trust, savings you can see.



INVERTER WE ARE USE

An inverter is the heart of any solar system—and that’s why we choose this brand. Known for its advanced technology and rock-solid reliability, it ensures every drop of solar energy is converted into clean, usable power for your home or business. With intelligent features like smart monitoring, high conversion efficiency, and robust safety protections, this inverter doesn’t just power appliances—it powers confidence. By using this brand, we guarantee smoother performance, lower energy loss, and a solar setup that works as hard as you do.



Contact Us:

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“Let’s Build the Future of Energy — Together.”



“Partner with us in redefining the renewable energy landscape of India.”

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