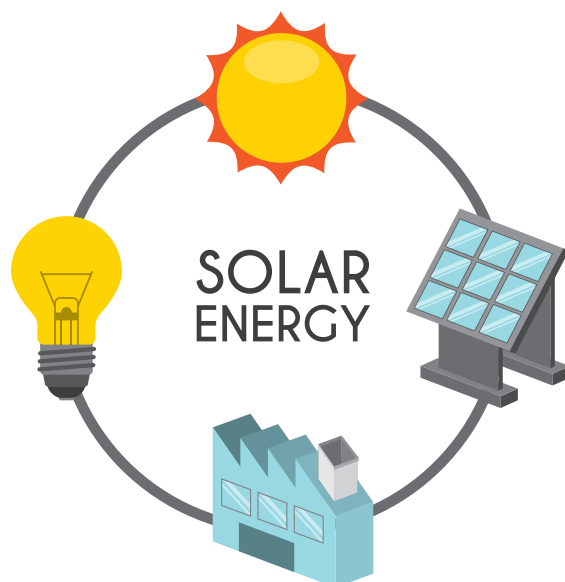


www.renesys.in

OUR VISION

We, at Renesys Power systems offer end to end power solutions in the areas of Solar power, Energy storage systems and other renewable sources of energy to meet your demands and requirements for a cleaner and sustainable energy future at the most economical value. We offer complete end to end solutions i.e. from conceptualization to System design to installation, commissioning and Power generation with best in-class technologies and highest value for money.



OUR VALUE PROPOSITION

1

Design

- Optimized design of system using advanced software.
- Design validation by independent certification agency.
- Energy yield validation by independent certification agency.

2

Procurement

- Component from Tier 1 manufacturer with back to back warranty.
- All component comes with independent third party inspection certificate to ensure best quality.

3

Installation & Commissioning

- Single contact point for completing all government liaisoning and permit related work.
- Installation & Commissioning done by highly experienced team.
- Implementation of design related parameter in installation and commissioning to ensure correct system behaviour.

4

Operation & Maintenance

- Comprehensive maintenance of complete system.
- Intelligent monitoring system which results in trouble free operation at optimized level.
- Preventive maintenance and predictive analysis of system ensuring maximum uptime and minimum failure.

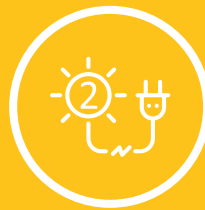
Key Highlights of our solar rooftop system



**Design Life Of
25 Years**



**Use Of Highest
Quality Components**



**Get Power For
Less Than INR 2 / kWh**



**Pay Back Period Of
Less Than 4 Years**

OUR SERVICES

Engineering, Procurement and Construction (EPC) services.

We provide end to end solutions for Roof-top Solar PV systems, Ground-mounted PV systems and Energy storage systems.

- Energy assessment and site survey.
- System Engineering and Design.
- Procurement of components.
- Permits and approvals from various government agencies.
- Installation of the system.
- Commissioning of the system.
- Project management to manage entire project across its lifecycle and ensure completion within allotted time-frame.
- Performance monitoring and management of the system after commissioning.
- Remote monitoring and Asset management.



Operation and Maintenance (O&M)

We provide excellence in operating and maintaining Solar PV power plants using our Remote monitoring system for Solar PV plants and achieve maximum throughput from the operating assets.

Our Remote monitoring platform provides our customers with following benefits:

- Dashboards for monitoring of all KPIs in the plant in real-time.
- Dashboards for real-time monitoring of the health-status of all critical components in the Solar PV system.
- Historical storage/database of the key operating parameters in the plant.
- Smart analysis modules to monitor and predict component failures, plant performance etc. Using AI and machine-learning.
- User-friendly reporting engine to create customized reports based on plant parameters at customized intervals.



Project Execution Philosophy

We believe in providing optimal and holistic techno-commercial solution to energy requirement of our customer. Our team is experienced in all aspects of project development and execution. We work very closely with our customer to understand their power requirement and provide them correct solution to help them achieve their goals for using renewable power.

Our years of experience in working along with all types customers (industrial, commercial, residential etc.) gives us insight into criticality of application and need of reliable, cost effective power to meet their current and future requirement. We interact with customer and work very closely with them on various stage of project.



Energy/Power And Load Assessment

- Independent pre-construction energy assessment services for Roof-top Solar PV customers.
- Operating plant performance assessment.



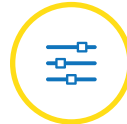
System Design

- Most optimized design of the PV system using the latest Software and engineering tools to achieve maximum generation from the Solar PV plant.
- Characterization of the power generation from the Solar PV plant throughout its life-cycle.
- Selection and sizing of the various system components to achieve the maximum output from the Solar PV plant.
- Certification of the Solar PV plant design from reputed 3rd party agencies.



Installation and Commissioning

- Highest quality of installation and commissioning of the system through our experienced team.
- Highest quality of installation and commissioning of the system through our experienced team.
- High quality site project management capabilities to minimize delays in handing over project to customers and achieve highest possible power generation from the system through quality installation and commissioning practices.



Site Assessment

Based on our study of Energy/power and load requirements, we carry out detailed site assessment.

- Analysis of Solar irradiation of the site.
- Analysis of the available roof-space for installation.
- Analysis of the optimal orientation angle of the Solar PV panels required to achieve maximum power generation.



Government Clearances

- Complete end to end responsibility to get all necessary clearances from all necessary government agencies and discoms to minimize the delays during Project execution cycle.



Procurement

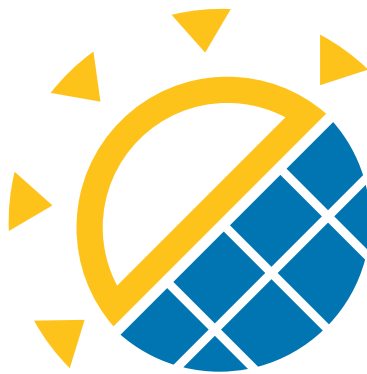
- Procurement of best-in class and highest quality of components in the PV system to maximize the life and power generation of the Solar PV system.



Monitoring and Maintenance

- Provide overview of the power generation from the PV power plant with the real-time updates of the Key Performance indicators (KPIs) from the PV power plant.
- Provide health-status of major equipment in the PV plant i.e. Inverters, PV strings etc.
- Provide smart analysis of the power generation in the power plant using machine-learning and Artificial Intelligence (AI).
- Provide customers with periodic reports on the power generation and operating state of the PV plant.
- We have 24 X 7 dedicated maintenance team. They carry out regular site visits after installation to perform regular maintenance of system.





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