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# GREEN POWER SOLUTIONS

[www.greenpowersol.com](http://www.greenpowersol.com)

# ABOUT COMPANY

*Established in 2018, Green Power Solutions has done various industrial scale projects and specialises in solar EPC, distribution of solar panels, inverters and all other associated products possible. We are a one stop destination for all solar needs.*



We offer a variety of services like Design, Detailed Engineering, Procurement, Installation of Solar Power Plants on Rooftop, Ground and Floating Panels. Our expertise also lies in carbon credit consultancy, safety equipment, rural electrification work, and standalone illumination works.

We at Green Power Solutions provide solar energy, custom tailored as per your requirements. We through our Pan-India presence and strategic alliances can give the best prices, premium warranted products, shortest timelines and premium services.

We are the one destination for all your solar requirements. Green Power Solutions aims at creating the most efficient solar power systems for its clients in order to minimize or even eliminate cost and maximize savings by providing turnkey solutions, services and analysis.

# OUR GOALS

Green Power Solutions deploys productive solar solutions to shield the mother earth from escalating threats of pollution and reinforce domestic and commercial sectors with solar energy projects. Serving the dual benefits of trimming down electricity costs and preserving limited resources for the future, we aim to be counted amongst the most philanthropically advanced solar company.

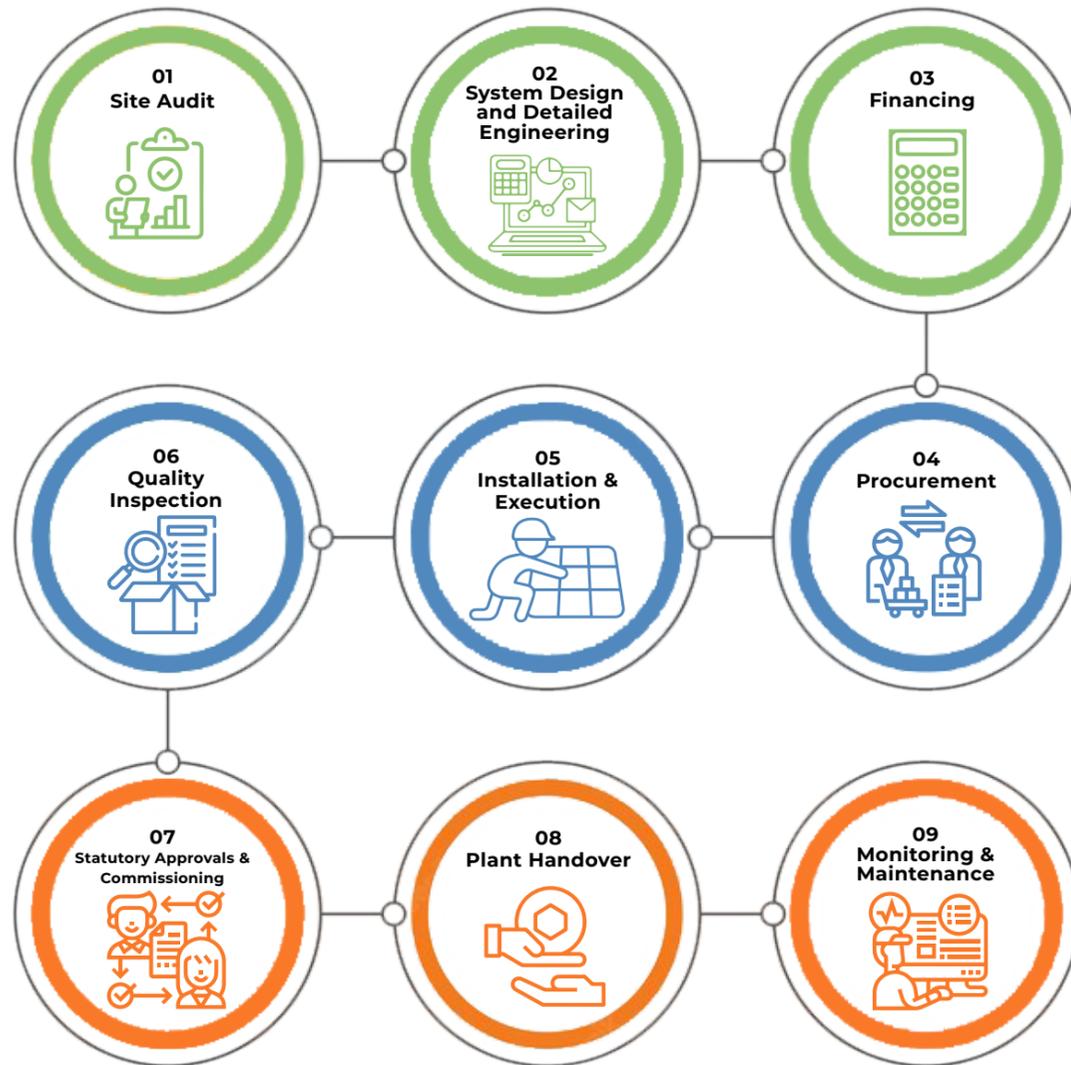


# VISION

Envisioning a healthy and sustainable future for our country, we come forward in generating efficacious solar solutions for multi-dimensional purposes. Securing the future generations from absolute resource insufficiency and facilitating them to have access to their essential resources, we formulate safe and clean solar solutions for today. Green Power Solutions has an ingenious drive to generate effectual solar energy projects that wing out of hours of perseverance and an indomitable spirit to bring a significant and prospective change in the mother earth.

# Complete In House Service

*Typical Project workflow*



Pre-Sales

Project Commissioning

Project Handover & After Sales

# EXTENDED SERVICES



Carbon Credit account registration and validation at **ZERO COST** and **ZERO INVESTMENT**



Supply of **Solar Panels**



Supply of **Inverters**



Supply of **Optimizers**



Supply of **Combiner Boxes**



Supply of **Micro Inverters.**



Supply of **Solar cables.**



Supply of **Solar Structures.**



Supply of **Metal Enclosers.**



Supply of **Walkways.**



**DG Synchronization.**



**Fire and Safety Equipment.**

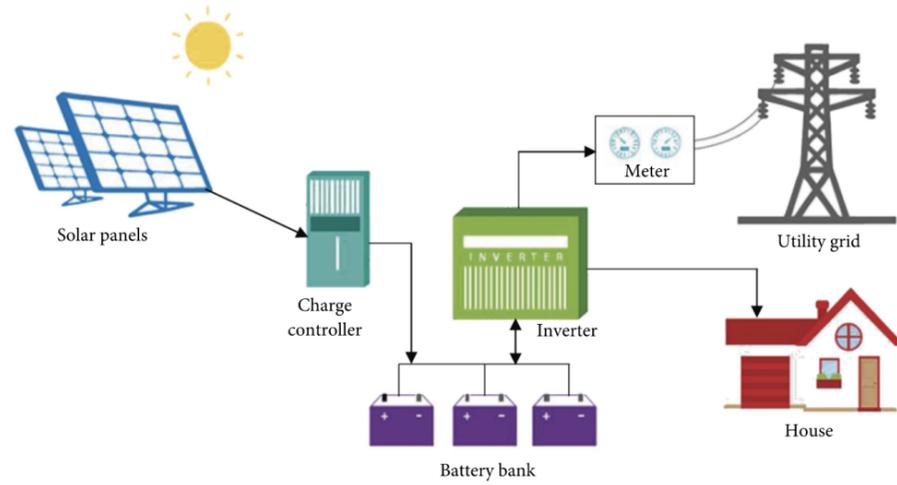


All solar related products such as **solar streetlights, solar LED's, solar road studs, solar home lighting systems, solar electric, fencing and security solutions, etc.**



**End-to-End Maintenance** for Solar Power Plants and Equipment.

## Proposed Details of On-Grid/Off-Grid/Hybrid Solar Power Plant



### System Details

Capacity of the proposed Solar PV Plant	1KW-1MW or >1MW
Space Required (Approximate)	9.29 square meter or 100 square feet per KW
Brands and Qualities of Materials	HR/Novasys/Trina/Renewsys/EVVO (Tier-1)
Quantities of Materials required	As per final design
Warranty	Solar Panels- 25 YEARS of Performance Warranty Inverters-5 YEARS Battery- 5 YEARS (Average) Rest of the System- 2 YEARS
Maintenance	AMC as per final scope of work

### Technical Details

#	Product	Description	Quantity
2	Solar Modules	335wp-650Wp Capacity (Polycrystalline/Monocrystalline) (Make- Tier 1 Brands)	As per final design
2	Solar Inverter (On-Grid, Off-Grid, Hybrid)	Single Phase, Three Phase	As per final design
2	Battery	As per final design	As per final design
2	Module Mounting Structure	Corrosion Resistant, Galvanized Dip	As per site requirement
2	Earthing Kit	Earthing Rod, Wires, Lightning Arrester	As per final design
2	Monitoring System	As per final design	As per final design
2	Balance of Material	Wires, AC&DC Cables, ACDB, DCDB, etc. (Make- Tier 1 Brands)	As per site requirement

## Green Power Solutions Financing Models

Our Clients are realizing savings of 40% - 85% in power costs

CAPEX	
Asset Owner (CLIENT)	Pay system cost upfront
Power Consumer (CLIENT)	Own solar plant over its lifetime (25 years)
Asset Manager (GPS)	Maintenance Options Available
OPEX	
Asset Owner (GPS)	No Upfront cost
Power Consumer (CLIENT)	Pay for energy generated from solar plant
Asset Manager (GPS)	Pre Agreed Price. Lock-in your energy tariff in advance

Green Power Solutions provides its clients the flexibility in Power Purchase Agreement to choose from a **tenure ranging from 10 years – 25 years.**

After expiry the period, the ownership of the asset is transferred to the client at no cost. Partnering for **Sustainable Change**

## Our Esteemed Clients



# RECENT WORK

## 330KW Solar Power Plant

- 330Kwp plant at Kolaghat, West Bengal.
- Saving up to INR 38,00,000/ year.
- Done at Zero Investment Model



## Solar Water Heating System

- 20,000 Litre capacity Solar water heating system set up for Flipkart.
- Location: Haringhata, West Bengal.
- Sustainable and efficient generation of Hot water.

## 600KW Solar Power Plant

- 600Kwp plant at Chaygaon, Assam.
- Saving up to INR 65,00,000/ year.
- Done at Zero Investment Model.



# ADDITIONAL SERVICE

## Solar Street Light Installed in Assam:



## Solar Road Studs installed in Hyatt Regency, Kolkata:

## LED supplied at Oberoi Grand, Kolkata:



# THE GREEN POWER ADVANTAGE



- 
**FINANCING SOLUTIONS**  
 Our innovative financing solutions provide flexibility and ensure lowest total cost of ownership
- 
**END TO END SOLUTIONS**  
 Strong capabilities across the value chain - Design, Engineering, Constructions, O&M and Financing.
- 
**STRONG PROJECT EXECUTION**  
 Complete in-house execution leads to control over quality, timelines and costs.
- 
**FOCUS ON O&M**  
 Dedicated in-house vertical provides O&M in all our projects, leading to maximised generation, and plant up-time.

## FOUNDER AMAN JOSHI

B. Tech in Mechanical Engineering, having multiple years of experience in the Solar sector and work experience with utility scale projects. Also developed a single axis tracking system during final year project which is currently under study by the project guide under Green India Initiative initiated by the Government of India. Worked on project site for captive use power plants as site in-charge.



## PARTNER:- HEMANT MISHRA

Being a double master's student in Business Management and Finance from Bangor University, Wales and Management Development Institute of Singapore brings his expertise in planning strategies for continuous growth and expansions. His out of the box thinking and sales expertise gives Green Power Solution the edge it needs in the current marketplace to thrive.

