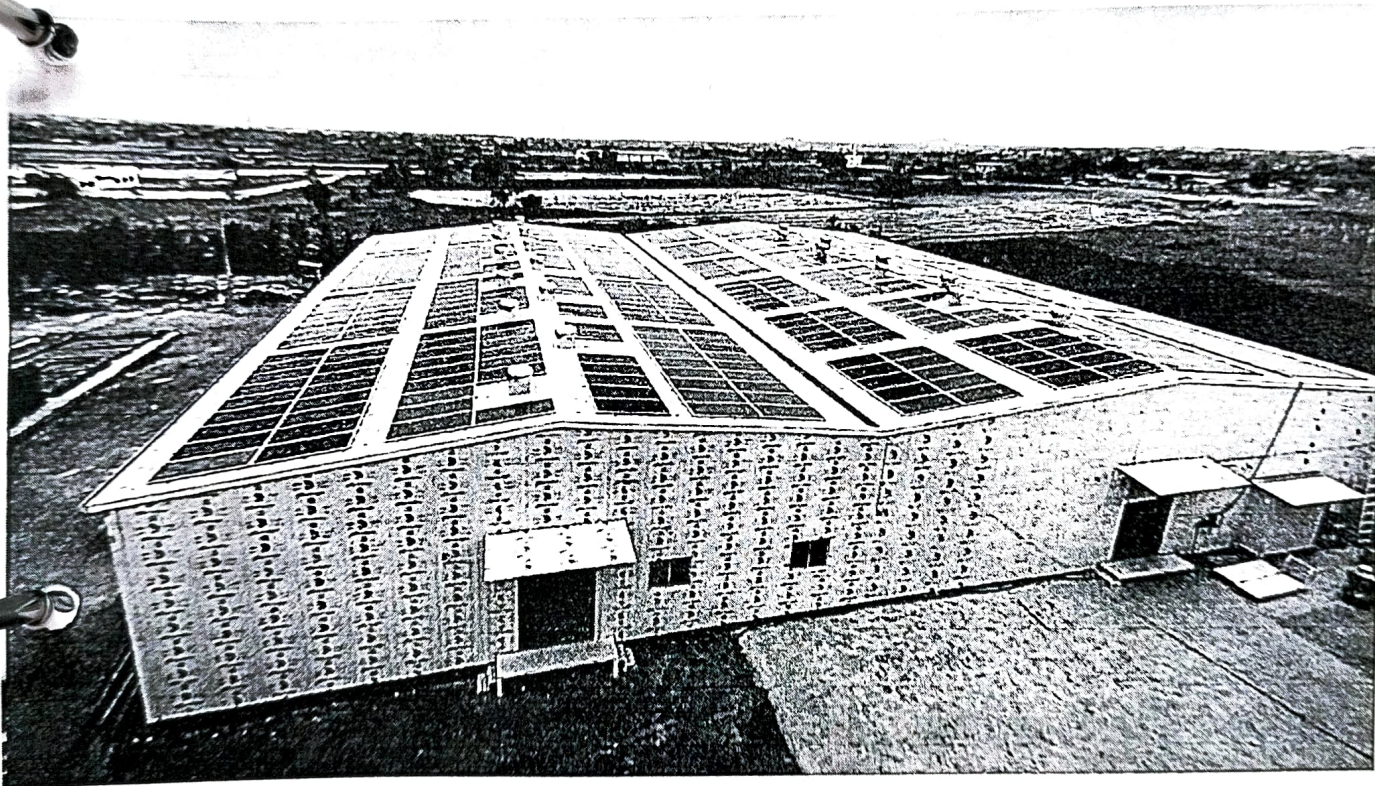




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Solar Systems

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Contact: 7620638006 / 8605064405
E-mail: kapadniskomal0506@gmail.com

Techno-Commercial Offer for Installation and Commissioning of On Grid Tie Solar System



To

System Size: 600KW

Presented By: S. K. ENTERPRISES.
NASHIK, MAHARASHTRA





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ABOUT US:

Since 2017, we as S. K. ENTERPRISES Penetrated in Various Electrical Aspects like Electrical Contracting, Solar PV System, Industrial Turnkey Projects, All Type Electrical Material Supply and Providing Energy Efficient Lightning Solutions.

Under this group we have "S. K. ENTERPRISES", Through this firm, we provide Solar PV System with Complete Installation, conduct Lightning Energy Audit as well as we have undertaken all type of turnkey projects like Laying of LT & HT Cables, Instrumentation and Controlling. Also includes the following services:

- **Design:** Designing of Solar Rooftop System with Internal & External Installation, Power Loads as per customer's requirements with latest technology.
 - **Liaisoning:** Solar System Liaison with Electrical Inspectors, Site Engineers, MSEDCL, Architects, Builders and the endpoint user / property manager at different point of the project obtaining Sanctions for HT & LT work with installation of meter.
 - **Electrification:** Electrification of Complete Solar PV System. Undertaking Industrial, Commercial & Residential Projects for Electrical assignments. Supply, Installation, Testing & Commissioning of Transformers, HT Breakers, VCBs Control Cabling and Gas insulated breakers.
 - **Complete Installation** of Solar PV System, Power Substations & Switching Stations Specializes in Lighting for Industrial, Roadway, Hazardous Areas, Retail, and Renaissance etc...
 - **Electricals, Instrumentation, Erection & Turnkey Project** of Electrification & Mechanical Job & Chemical Earthing.
- ✦ *We as a team of professional with strong and efficient management have trained and experienced manpower. Sincerely appreciate the opportunity to provide all electrical solution in one roof for your organization.*

Contact Us:

S. K. ENTERPRISES & MULTISERVICES.

**Office Address: Flat No. 7, Jaju Residency,
 Murari Nagar,
 MIDC Ambad, Nashik 422007
 Mobile No. 7620638006**

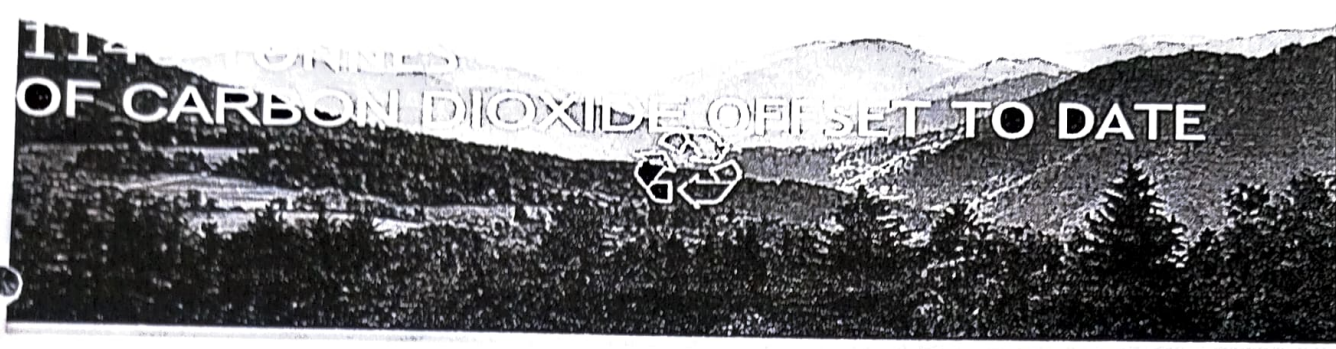




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PROACTIVE MONITORING

To ensure a healthy and optimal experience, we have a best-in-class monitoring technology that proactively informs us of any possible issues.



HIGHLY SKILLED AND EXPERIENCED TEAM

Our Core Team is the core of our strength. Each and every step that goes in installing your Solar PV System is handled by very experienced and knowledgeable individuals. With employees that boast of over 20 years of experience, you can see why we grew so fast and so well.



LOW MAINTENANCE

extremely low maintenance of only 1 - 2% of the project cost, you can simply install the system and let go of your worries





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SLD Description of Solar Rooftop System:

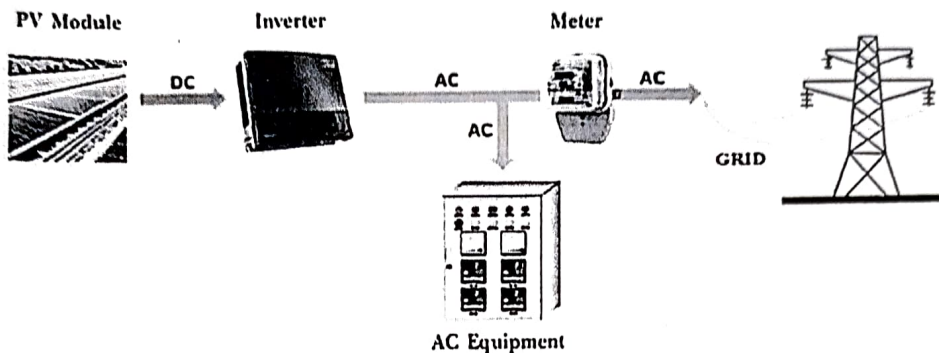
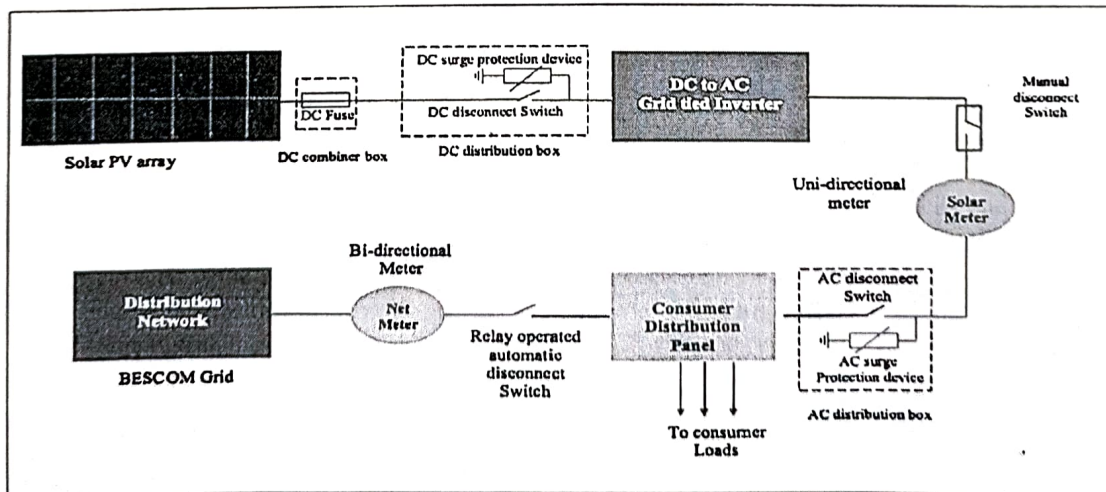


Fig. Grid Connected Solar Rooftop System

Photovoltaic Solar System uses the light available from the sun to generate electricity and feeds this into the load or to the grid in case of grid connected system. The PV panels generates DC power whereas the amount of electricity generated is based on the intensity of sun as well as the angle of light reaching them. As it pumps the generated energy through solar PV modules to the grid supply with the help of grid connected solar inverter with grid supply. Hence reduces the grid supply consumption.

NET METERING BLOCK DIAGRAM:

Single Line Diagram of Rooftop Facility for Net Metering Interconnection





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SUMMARY

YOUR PROPOSAL AT A QUICK GLANCE

PROJECT SUMMARY

REF. NO. EB-2022/09/098

Date: 29/09/2022

Customer Name: **Indigenous Agrovet producer company LTD.**

Address: Ambasan Phata, Tal -Baglan, Dist - Nashik

State: MAHARASHTRA

Proposed Power Plant Capacity: 130KW

Quotation Validity: -10 DAY

Solar System Required:

✚ Price Offer: For 130 KWp Roof Top Solar System

Total Price (Including GST): INR

✚ Bill of Material:

Item	Price
Design, Supply, Installation, Commissioning and support of 130 KWp Rs 48,000/- per KW (Approx.) Rooftop Solar System	Rs. 52,80,000/-
GST 13.8%	Rs. 7,28,640/-
Freight & Insurance	Free issue
Liasoning process of MSEB /MAHADISCOM	Rs. 1.00/- Extra per watt
CT/PT replace /Testing of Net meter / generation meter /Load Extension Utility (MSEDCL)	Extra at Actual
Final Total	Rs., 60,08,640/-





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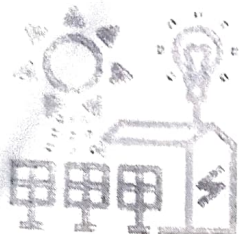
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SYSTEM COST: ₹60,08,640

Your Solar PV System will include the finest Solar Modules and an Inverter specifically chosen to fit your needs. The total cost of the system also gives you additional support, installation and the designing as well as project management.

SYSTEM SIZE & GENERATION

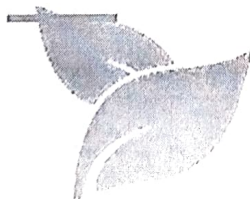
- System Size: 130KW
- Estimated Generation will range from 15600 units/month
Subject to the weather.
- Total estimated generation in a year will be up to 1,87,200 units.



LONG-TERM SAVINGS

Your Solar PV System will meet your long term saving ambitions.

Monthly Savings	₹1,32,600
Yearly Savings	₹15,91,200
25 Year Savings	₹3,97,80,000



CONTRIBUTION TO THE ENVIRONMENT

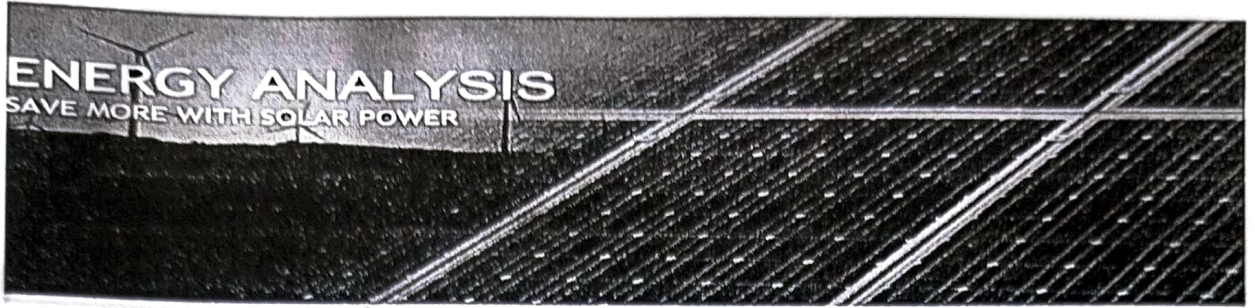
Your Solar System will reduce up to 72 tons of CO2 emissions every year
Which is equivalent to planting over 3000 trees.





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CONVENTIONAL ELECTRICITY

WITH SOLAR POWER

Estimated Monthly Units Consumed

15600Units

Estimated Monthly Electricity Bill

₹1,32,600

Estimated Yearly Electricity Bill

₹15,91,200

Estimated Monthly Units Consumed With Solar Power

15600 Units

Estimated Monthly Electricity Bill With Solar Power

₹15600

Estimated 1st Year Cost With Solar Power

₹15,91,200





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Bill of Material for Major Components:

Item	Make
Solar Panels	Tata/Waaree/Trina/Jinko/Aadani Monocrystlline
Grid Tie Inverter	Waaree/ABB/Polycab/Growatt 3 Phase
Structure	As per MNRE Guideline (Pure AL Microrail)
LA	Copper bonded with copper cable
Earthing Strip / Cu Cable	Copper Bonded with GI Strip
Cable	Polycab Make
Net & Generation meter	Secure / L&T / HPL / Genus Make
For Safety	Safety Line/Walkway/Baricadding

NOTE-

*Above quotation is only for Roof Top Ground Mount (Standard Structure).

*MSEDCL all (Fees, CT change, meter, Panel board, ETC.) Charges in CUSTOMER scope.

*If elevated structure required as per site condition, then cost will be Rs.7 to Rs. 15/-
EXTRA, with civil cost.





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 E-mail: kapadnisdomal0506@gmail.com

Particulars	Price Per Watt	Amount (INR)
Modules		
Description: Tata Waaree Trina Jinko Adani 540 Watt ("A" Grade certified)		₹ 42,25,000
Inverter		
Description: Waaree/ABB/Polycab/Growatt 10KW		₹ 4,65,000
Module Mounting Structure G.I./Aluminium		₹ 1,50,000
Electrical Ac/Dc Cable (Inc. Earthing)		₹ 1,30,000
Distribution Box / Cable Tray/ ACDB/DCDB		₹ 60,000
Installation Commissioning / Net Metering		₹ 2,50,000
Basic Price (Without Taxes)		₹ 52,80,000
GST @ 13.8%		₹ 7,28,640
Total Price Of System		₹ 60,08,640





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✦ PAYMENT TERMS

- A. 60% WITH PLACEMENT OF ORDER.
- B. 20% AGAINST PROFORMA INVOICE.
- C. 10% AFTER INSTALLATION OF MODULES & STRUCTURE.
- D. 10% AT THE TIME OF INSTALLATION OF INVERTER AND NET METER

✦ BANK DETAILS FOR PAYMENT TRANSFER

Name Of Company	S. K. Enterprises / Komal Kapadnis
Name Of Bank	Bank Of Baroda
Account No. & Type	A/c 27850100012258 A/C Current
PAN Card No	DPDPK4658P
GST No.	27EWCPK6360MIZ2
IFSC Code	BARB0GANNAS (5 TH Character 0-Zero)
Telephone No.	8605064405/7620638006





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WARRANTY OF COMPONENT:

Warranty of the major component selected for the projects is as follows:

These warranties are provided towards safe working of each individual component and vary in validity period.

- A. **Modules** are generally guaranteed against manufacturing and workmanship defects for the period of 5years and Limited warranty for performance of not less than 90% of the rated power for 10 year and not less than 80% of rated power for 25years (as per STC condition) from the date of handing over of the plant. Performance warranty will be subject to 10% degradation in module output power in first 10years and 15% degradation for the next 15 years.
- B. **Inverter** will be guaranteed for a minimum period of 5 years extendable to manufacturer's Conditions. However, guarantee shall be supported by manufacturer and supplier of the the inverter.
- C. In case of any extended warrantee provided by the manufacturer for a period more than actual warrantee period, the warrantee benefits shall be passed on to end user.

Note: All warranties, as provided by any of manufacturer/supplier shall be in favor of the buyer/customer towards equipment and all the benefits shall be passed on to the customer, for the period as specified by the supplier.

However, our warrantee does not cover solar modules (S. K. Enterprises) and inverters, which would be provided by manufacturer/supplier.





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SCOPE OF WORK

S.K. Enterprises. is providing the turnkey solution for roof top solar photovoltaic power plant.

That will include:

✦ **System Design and Engineering:**

- A. Preliminary Survey Report
- B. System Design
- C. Plant Layout
- D. System Model Drawing

✦ **Supply all project related material such as PV modules, inverters, switchgears etc.**

✦ **Electrical Works:**

- A. String of Modules
- B. Cabling from modules to DC Distribution box
- C. Junction Box assembly
- D. AC Combiner Box Assembly
- E. Cable laying in trenches, Conduits, cable trays & Cable Trange etc.
- F. Cabling from Junction boxes to main Junction Boxes
- G. from MJBs to Inverters
- H. LT Panel installation & cabling
- I. Earthing of electrical equipment's
- J. Installation of Power metering system





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- ✦ **Civil Activities:** which shall consist of pedestal and cable conduit fittings. Installation & commissioning of all electrical components, Earthing blocks, Civil blocks for structures etc.
- ✦ **Project Planning & Controlling:** Depending upon site.
- ✦ **Technical Support and Documentation:** All the technical support & documentation Required for statutory and regulatory approvals will be supported by S.K. Enterprises Multi Services.

NOTE THAT:

The activities that S.K. Enterprises & Multi services, shall EXCLUDE from its scope of work are as follows:

- A. Area preparation for plant setup.
- B. Preparation for Man power and material Deployment.
- C. Statutory and regulatory approvals from the local or relevant authorities related to plant set up and commissioning
- D. Awareness program for Renewable Energy.





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→ TERMS and CONDITIONS:

Note 1: S.K. Enterprises Power Package is complete with SPV modules, Grid – tied Solar Inverter, Interconnecting accessories & standard fabrication structure for roof top installation.

Note 2: The prices mentioned above does not include site preparation, civil work, installation, erecting commissioning & any specific changes in fabrication which is on account of purchaser.

Note 3: Documentation & permissions from any local govt. body if required will be a responsibility of purchaser.

Note 4: PV array cleaning should be done on regular intervals to maintain the system efficiency (Customer scope)

Note 5: Wiring / load distribution & Input supply for the system within the premises on account of purchaser. (Grid supply to Solar PCU & Solar PCU to utility points / distribution box)

Note 6: Material lift if available on site should be provided by the purchaser to lift the material from ground floor to the terrace floor / where system is to be installed, without any extra charges.

Note 7: Electricity supply, Water supply, approach road & or any other facilities required during the installation should be provided by the purchaser as & when required.

Note 8: Safe & secure place to store the material should be provided by the purchaser.

Note 9: Material once deliver on site will be a sole responsibility of purchaser.

Note 10: Purchaser should provide the healthy environment for the project installation.

Note 11: Provision for travelling (to and fro), lodging & boarding of technicians, Supervisors working for the system integration will be on account of purchaser if necessary.

Note 12: Requirement of CT-PT according to your load requirement compliances by MSEDCL will be borne by customer.

Note 13: All the values mentioned in the quotation are as per the standard calculations; it may vary depending upon the site location & requirements.





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Note 14: Solar Module capacity specified is always at its peak rating at the standard test conditions. Standard test conditions: Ambient temp. @ 25°C & at cloud free bright sunlight.

Note 15: Shadow free foot space required per KWp size of SPV modules: 8-10 M²

Note 16: Norms for Net Metering is as per the GR provided by Government or MSEDCL.

Note 17: This is a budgetary proposal; final proposal will be produced at the time of order finalization & after site feasibility survey if required.

Note 18: In case of under or over grid condition if stabilizer is necessary that borne by Customer.

Note 19: *System installation & erection standard charges are quoted, in this case 1 / 2 technicians will execute the work, extra manpower required for the execution should be provided by the purchaser (locally) without any extra cost to S.K. Enterprises,

Note 20: **SPV modules fabrication is a standard product designed to install on ground surface.

Note 21: For GPRS based data logging system, it is mandatory for (on account of) purchaser to arrange the GSM sim card with the network availability & suitable provisions for the same.

Note 22: Solar grade tubular batteries does require periodic DM water top-up / maintenance for enhanced life, SMF batteries will not require DM water top-up / maintenance. (Only for Off-Grid System)

Note 23: Labor charges for digging work required at site is not calculated in the above proposal, purchaser should arrange the same at their own costs,

*In case If it's not specifically mentioned in the proposal





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4 Following are our complete projects in various sectors & locations:

- | | | |
|----|---|----------------------|
| 1 | BOSCH Ltd (135 KW) Install, Erre & Commi. | MIDC Satpur, Nashik |
| 2 | Jai Biotech Ltd. (10 KW) | Satpur, midc, Nashik |
| 3 | Hon. Hemant Appa Godse (5 KW) | Deolali, Nashik |
| 4 | Sadhguru Hospital (12 KW) | Shirpur. Dhule |
| 5 | Priyanka blossome (20 KW) | Nashik |
| 6 | Drip India (600 KW) | Dindori, Nashik |
| 7 | Nirwana Naturopathy (80 KW) | Ghoti, Nashik |
| 8 | Dr. Gogate (6 KW) | Nashik |
| 9 | Jotirmay Apartment (6 KW) | Nashik |
| 10 | Nishan Randhe (10 KW) | Shirpur, Nashik |
| 11 | Dr. Makharia (8 KW) | Nashik |
| 12 | Tata Sterling Motors (20 KW) | Nashik |
| 13 | Arjun Nagdev (10 KW) | Deolali, Nashik |
| 14 | Sohil Shaikh (10 KW) | Deolali, Nashik |

.....And many more projects are in process. Contact Us:





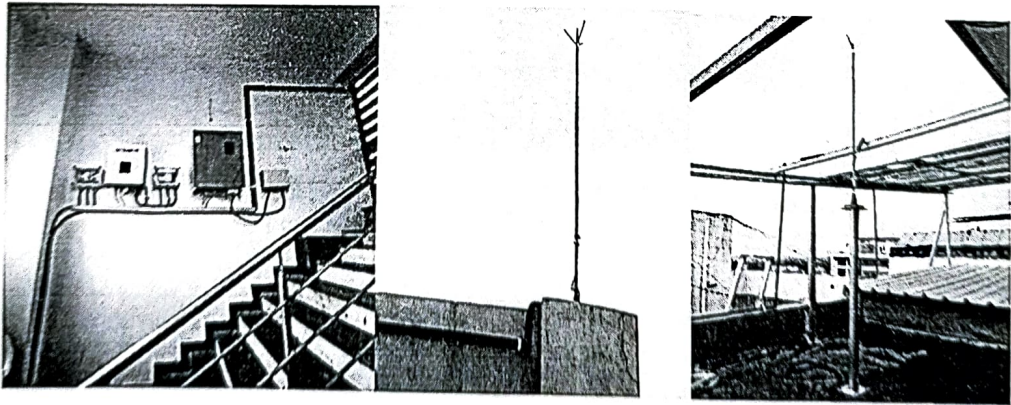
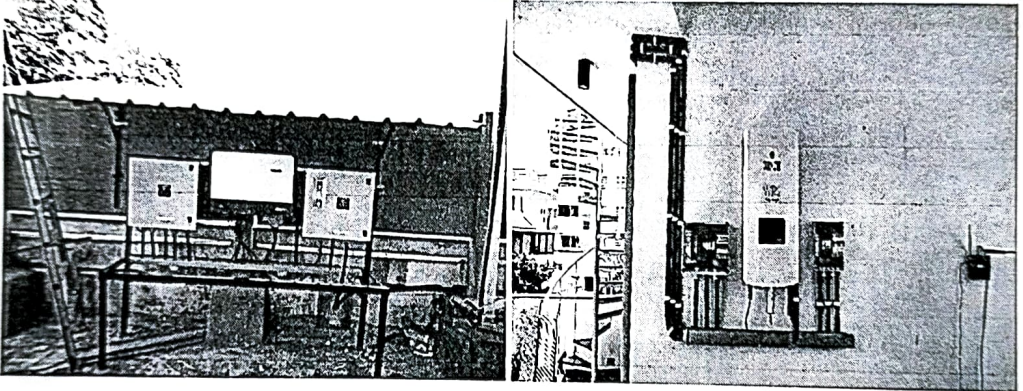
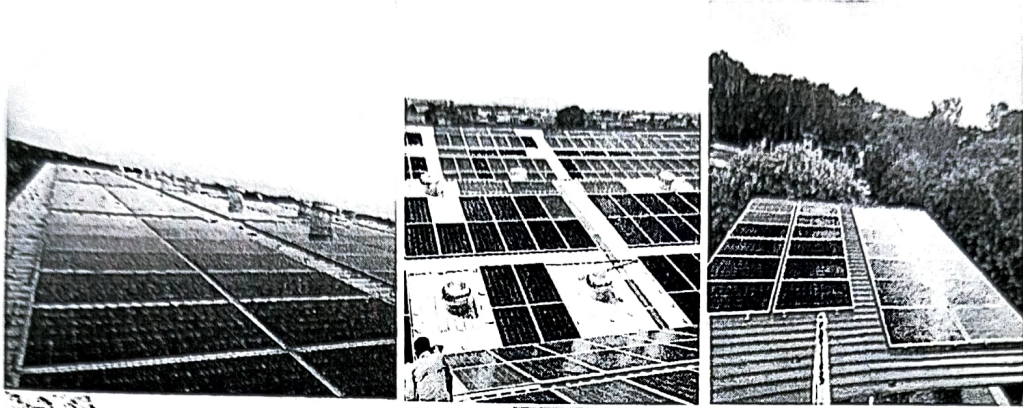
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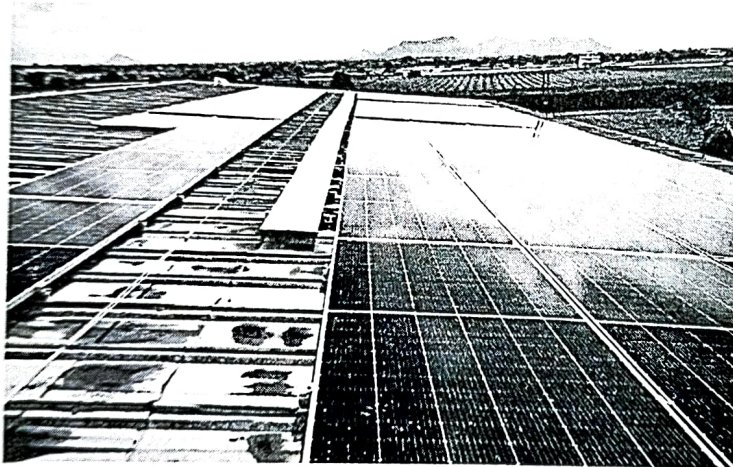
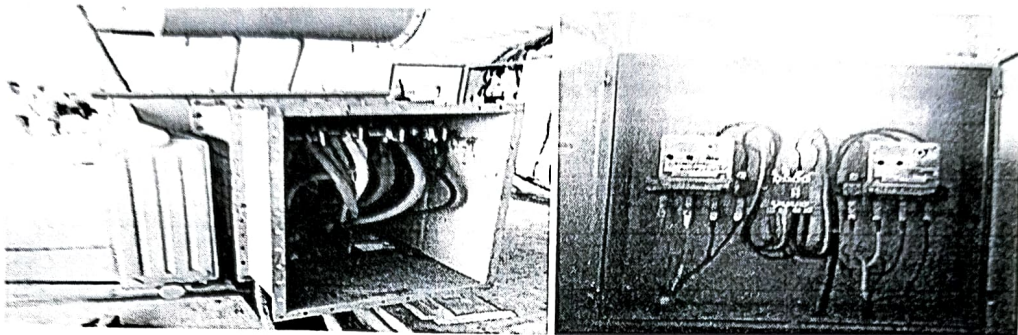




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THANK YOU.....!!!

