

SATISH PAWAR

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Project Manager (Solar Power Plant-EPC & Design)

5+Year Experience of solar system on grid and off grid projects Design installation sales service of Solar Power System with an excellent record of individual and corporate customer satisfaction. Mindful of and knowledgeable about all local state and federal environmental rules and regulations. Adept at explaining complex technical engineering concepts clearly and accessibly to a wide variety of professional and non-professional audiences.

Design Profile

- Rooftop Solar Project design & development of solar power project with the help of designers and draughtsmen and manage site visit, capacity estimation , drawings/as built drawings, BOM finalization quantity estimation , cost optimization .
- Site survey On grid off grid and hybrid rooftop solar system in different different locations.
- Design of SPV system as per tender terms 1.2MW RFP 1300 in different different location of Madhya Pradesh in under MP URJA VIKASH NIGAM LTD. In 1kw to 100kw in CHC,PHC, DISTRICT HOSPITAL.
- Design of SPV system as per tender terms 800KW RFP 1200 in different different location of patalkot ariah in under Tribal vibhag MPUVN. In 1kw to 50kw in TRIBLE SCHOOLS at chhindwara district.
- Design of SPV Grid connected system as per tender terms 1.5MW RFP in different different location of M.P. in under Education department MPUVN. In 1kw to 50kw in different -2 ITI & Polytechnic collages .
- Design of SPV Grid connected system as per tender terms 3.5MW in WBPDC in two location of STPS & BKTPS.
- Provided assistance like cable sizing/Inverter selection/ stringing/ cable schedule in different different projects
- Prepared PV Syst Data autocad drawings for AC & DC SLD,ROOF ARRAY LAYOUT, STRING LAYOUT, EARTHING STRIP,EARTH PIT,LA LAYOUT for rooftop projects and tender summary with deviations.
- Till dated approx 8.4 MW rooftop system designed in as per Indian standard & tender terms conditions .

Execution Profile

- I) Successfully Completed Approximate 500Mw installation On grid Off grid Rooftop, Ground Mounted, Mw scale.
- II) Successfully Completed installation 1KW to 500KW Solar Power Plant of MP URJA Bhopal is on 200 Different sites individually in different districts Community Health Center, Primary Health Center District Hospital, of Madhya Pradesh.
- III) Depth knowledge of installation and maintenance of Different Solar Inverter like STRING INVERTER , HYBRID INVERTER, OFFGRID INVERTER, CENTRAL INVERTER ,MICRO INVERTER, MPPT Chargers.
- IV) 100kw Rooftop Solar Power Plant Commissioned of MPURJA VIKAS NIGAM is on Governor House BPL
- V) 100kWx2 Rooftop Solar Power Plant Commissioned of MP URJAVIKAS LTD Bhopal is on MFP Park & MP PCB.
- VI) 50Megawatt Talettutayi Solar Project(EPC-Tata Power Solar Site)Dist Beed M.H. (Electrical Engineer AC & DC)
- VII) 250 Megawatt ACME Solar Project (EPC-Tata International) Rewa, M.P.(150Mw In charge-Civil& MMS)
- VIII) 25 Megawatt Gujrat solar Park (EPC-Tata Power Solar) Charnkadist Patan GJ(Sr Engineer AC & DC)
- IX) 40 Megawatt GRT(EPC- TATA Power Solar) Projects Dist- katol near NAGPUR M.H.(Sr Engineer AC & DC)
- X) 3.4 Megawatt GRID CONECTED Solar Project (EPC- VSL) WBPDC Project , W.B.(In charge-Civil& ELEC)
- XXI) 22 Megawatt GRT(EPC-L&T Solar Projects Dist- RamnathpuramVillPambur T.N.(Sr Engineer AC & DC)

Professional Experience

Project Manager (Execution & Design)

VIKRAM SOLAR LTD

Kolkata, West Bengal **(May/2018 –Till Date)**

- Taking care of rooftop project planning & operational activity.
- Detailed system performance Analysis performed using PV Syst. Developed full Electrical plan sets for permitting and construction.
- Perform utility rate analysis scenarios for potential energy and cost savings.
- Developed computer aided design templates and procedures to automate permit creation for solar. Created or approved accurate energy model of entire plant in PVSYST.
- Calculated expected solar energy production. Performed system design to meet criteria such as string sizing, inverter capabilities, single line diagrams, city permit plans, and system maintenance with extensive use of NEC book to meet regulations. Created Bill of Material generator utilizing Visual Basic language .Designed system plans and layouts utilizing AutoCAD. proposals, and RFIs, and provide support during construction and commissioning. Maintain design and proposal requirements, knowledge of codes and standards, design procedures, methods and process, improve efficiency of project development and project selection process ,Preparing As Built Drawing & submitted to Client.

ELECTRICAL ENGINEER (Execution-MW Projects)

LORSEN & Toubro LTD Chennai, TN, **(Sep/2017 –feb/ 2018)**

- Leads a team of 15 engineers and technicians for the Commissioning & Maintenance of the MW Scale solar Projects.
- Final responsibility for planning and execution of Project within budget cost and time in accordance with norms/regulations
- Provide guidance/ suggest corrective actions to the Site Heads for operational changes
- Outstanding relationship building and networking skills; is comfortable managing expectations
- Knowledge of HT Panel, LT Panel, Switch Yard, and Bus Duct Transformer Other Electronic Power Switching device CT and PT Control Panel and Cable Laying and termination both side Ac and Dc.
- Brief knowledge of TS Marking Cube Testing, Civil Drawings Study & Quality Standards .
- Assures product quality by designing electrical testing methods; testing finished products and system capabilities.

ENGINEER(Solar Quality & Commissioning)

TATA PROJECTS LTD(Corrvial Group Contract) Baroda, Gujrat **(Mar/2017 to Sep/2017)**

- Lead overall Power Plant Project (1Kw to 50 MW) for electrical equipment’s of BOM.
- This includes review and preparation of engineer plan, design & specifications as per the progress of the project.
- Maintained effective work relationships with field crews, contractors, vendors & Coordination with Project Controls for Planning, Scheduling, Estimation, and Costing of the Project.
- Diagnose problems with solar electrical components via analyses of data. Familiarity with solar power engineering industry safety rules and regulationsSupervise preparation of construction drawings and make modification in drawings as per requirements to enhance operational efficiency.
- Ensure Draft the scope of work and estimate the respective project budget. Create and distribute RFPs to potential EPC subcontractors, establish evaluation metrics, and select winning proposals. Manage contract negotiations, change orders, and other agreements with EPC subcontractors and vendors, and oversee all subcontractors’ work in all phases.
- identify critical path and key milestones for project’s success.

ENGINEER (ROOFTOP SOLAR PROJECT)
CONSUL NEOWATT POWER SOLUTION PVT LTD PUNE
BHOPAL BRANCH, MP (July/2014 –Mar/ 2017)

Lead overall Power Plant Project small to large scale Solar Rooftop and ground mounted Government Project Installation. Checked the electronic components and ensured its proper performance. Performance, troubleshooting, and equipment inspections, Prepare accurate and timely reports , Installed and for the proper execution of the installation of Solar system the systems Writing specifications and technical report.Involved in the Handling of solar power projects in Megawatt & kilowatt scale. Support & Service with Engineering, logistic &commercial and customer support.

Maintained the production designs and worked towards cost reduction and quality improvement.

Involved in the Handling of solar power projects in 500 kilowatt scale .

ENGINEER (Operation & Maintenance)
PROLET PROMPET Equipments Pvt Ltd (July/2013 - Jun/2014)

Engineer for onsite technical service on urgent basis for Industrial UPS and Battery .Milk Equipments Service, repair, and maintenance, Installation of Industrial UPS, Inverter, Photometc, Fat Analyzer Annual and preventive maintenance. Call documentation, Analyze the technical defects and troubleshoot. Taking ownership of customer issues reported and seeing problems through to resolution Researching, diagnosing, troubleshooting and identifying solutions to resolve system issues.

Education

Bachelor's Degree –Electronics and communication Engineering.
RGPV BHOPAL(2016)
State University of Madhya Pradesh(India)

Diploma – Electronics and telecommunication Engineering.
RGPV BHOPAL(2013)
State University of Madhya Pradesh(India)

Declaration

I do hereby declare that all above information is given by me is true & correct To the best of my knowledge and belief.

Satish Pawar