

CURRICULUM VITAE

Manmohan Singh

E Mail : manmohan.gov@gmail.com

Contact: +91-8377-0606-03 ,+91-8279-9135-50

Current Address:

HN-11 Gali No2
Sector 48 Gurgaon.
Haryana India

Summary:

Experience in Design & Engineering of solar Power plants. Overall Power Plant Design Engineering from Concept till Commissioning.

Complete understanding of Indian and International codes applicable For Electrical Engineering.

Valued Engineering (BOQ Preparation) for project margin improvements and competitive bidding.

Papering power electrical equipment specification, Electrical equipment selection calculation -DPR preparation.

Experience of successful delivery of projects, engaged in client development and experience for managing a team of technical experts.

Support to Purchase team for Equipment Quotations and project margin improvement. alongwith Quality Control.

Academics:

Bachelors of Technology (B.TECH)-Batch 2013

Electrical & Electronics Engineering.

Uttar Pradesh State Technical University India with 71% or Equivalent CGPA.

Higher Secondary (12th)-Batch 2009

Physics and Maths.

Uttar Pradesh State Board With 69% Marks.

High School(10th)-Batch 2007

Physics and Maths

Uttar Pradesh State Board With 53% Marks.

Experience:

Present Employer:

Huawei India -Gurgaon (March 2017 - Present)-Sr Engineer Solar

Past Employer:

Aura Incorporated-Faridabad(August 2015-March 2017) -Sr Design Engineer EPC

Urja Global Limited -Delhi (August 2013-August2015) -Design Engineer

Training:

Welspun Company Limited Anjar Kuttch Gujrat

Assignments Handled:

Technical & Design:

- Designed 50+ Solar Power Projects.
- Designed 5x2 MWp Solar power Plant Ground Mounted ,33 KV Double Circuit-Rajasthan.
- Designed 20 MWp Solar power Plant Ground Mounted ,66 KV-Madhya Pradesh.
- Designed & Installed 5 MWp Solar power Plant Ground Mounted 33KV-Uttar Pradesh.
- Designed and Installed 2MWp Solar Power Project Rooftop 11KV -Delhi.
- Designed & Installed 700KWp Hybrid (Battery Based Grid Tied) Power Plant Delhi. Roof-Top.
- Designed & Installed 300KWp Grid Tied Solar System Delhi Net Metering.
- Designed & Installed 200KWp Solar Power System Off Grid-Ground Mount.
- Design of Building Control Panel HT(11KV)/LT(440V) Connection.
- Rural Electrification via Solar Energy in Chhattisgarh.
- Earthing,/Lightning/Cable Size and schedule as per IS/IEEE
- Switchgear Sizing and selection as per IS/IEEE
- Conduct engineering site audits to collect structural, electrical, and related site information for use in the design of power systems.
- Calculation of Load, designing Array capacity, Battery sizing with the help of PV-Syst. & Manually.
- Create electrical single-line diagrams, panel schedules, or connection diagrams for solar Electric systems using computer- aided design (CAD) software.
- Load Flow Studies ,System Loss Calculations, Short Circuit Analysis and voltage drop calculations.
- Analysis of energy production data from PV projects, including comparison of operating vs. modeled data, downtime Analysis, and various other comparative analyses using quantitative data analysis techniques.
- Development of technical specifications and scope of work documentation for solar PV projects.
- Work in a global team with good communication skills in order to provide technical support for projects in Europe, America, Asia and Middle East.
- Solar resource assessment, energy generation simulation with uncertainty assessment (P95, P90, P75 etc.). Energy generation forecasting and scheduling.
- Feasibility study /DPR Preparation, Technology and Site Selection / review Cross functional Engineering.

Other Assignments Handled:

- Devising and application submission for 30 MW Solar Power Plant under Rajasthan Solar Policy REC mechanism and Chhattisgarh Solar policy, along with proposal kit with all technical & commercial features.
- Responsible for land acquisition, selection of technology for Solar PV Power Plant.
- Liaisoning & coordinating with various authorities for securing approvals / clearance.
- Developing sourcing strategies for projects.
- Lead Role in material and component procurement including supplier selection, Price negotiation. Identifying cost reductions, and contribute to the achievement of Efficiency targets.
- Testing Of Solar Modules, BOS and Products.
- Engineering for equipment used in AC switchyards (e.g., circuit breakers, instrument transformers, insulators, switchgear, power transformers, etc.) and relay panels.

Skill Set:

On Grid and Off Grid Solar Power Plant Design(Roof Top and Ground Mounted).Hybrid Solar power Plant design for lower Diesel Consumption .System Evaluation and Simulation analysis with PV-Syst,Detailed Engineering(SLD,LAYOUT,BOQ,cable sizing as per applicable standards).Electrical Design for buildings and Hospitals,Process quality control for material quality inspection/Assurance etc.

Software's used for Design: Auto CAD-Electrical/ PV-Syst /Coral Draw

Software used for Management:Ms Office/Excel/PowerPoint/Microsoft Word .

Soft Skills:

Ability to find quick and best solution for critical problems.

Sincere, smart worker and quick learner, Capability to adapt new tools and technologies, Punctuality.

Good organizational and effective time management skills to handle multiple projects.

Excellent observation skills.

Possess technical, business and client interaction skills.

Excellent attention to detail.

Special Achievements:

- 200KWp Micro Inverter Based Project in Newyork. Without Visiting the Site Complete Design from India.
- Value Engineering For 50MWp Solar Power Plant Electrical Design and saved Approx 10% in Control Panels for company.
- Optimized 20 MWp Solar power Plant Design and Saved Approx .3% in overall Project Cost.
- With My Experience and Good Relationships With Various Vendors in Solar Energy Domain i had Automated the Bidding Process for Company. That Involves the Automation of Project Design BOM and Other Detail Engineering Required.
- Automated the Complete Project Completion Process start from Bidding till Installation and generated great Revenue for Company.

Personal Details:

Name: Manmohan Singh Yaduvanshi
Father's Name: Mukesh Singh
Mothers Name: Seema Devi
DOB: 02-May-1990
Gender: Male
Nationality: Indian
Marital Status: Single

Hobbies: Interested in playing Chess...
Creating awareness regarding environmental education. Discussing international issue on poverty.

What i am Looking Forward To Have?

A Challenging Profile where i can Design and innovate every day, Wanna being part of Challenges at workplace that uses my all skills and Knowledge.

Declaration:

I hereby declare that all information furnished above is true to best of my knowledge and belief.

Manmohan Yaduvanshi
Place:
Date: