



MUKESH VYAS PROJECT MANAGEMENT PROFESSIONAL

Electrical Engineering | Project Management |
Installation & Commissioning | Operations &
Maintenance

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Location Preference: Delhi-NCR, Mumbai, Pune & Overseas



Profile Summary

- ▶ A result-driven professional offering **8+ years'** experience in **Project Management, Operations and Maintenance, Installation & Commissioning of solar projects**
- ▶ Contributed in some **major projects** such as 3 MW IPGCL Projects, Honda Complex, Ground Mounted Projects, Single Axis Tracker Based projects, Seasonal Tilt Based ground mounted Project & so on
- ▶ Merit of ensuring the correctness of **site survey audits (Structural, Electrical)** as per the company's guidelines
- ▶ Performed tests and validated **analytical and engineering meteorological models**
- ▶ Interfaced with **Govt. agencies** such as **Nodal agencies and Discoms of various states** for multiple approvals
- ▶ Developed **project baselines**; monitored & controlled projects with respect to **cost, resource deployment, time overruns** and quality compliance & ensured satisfactory execution of projects
- ▶ Proficient in managing the **erection, testing, commissioning & maintenance of equipment**; implementing **process enhancement & quality control techniques**
- ▶ Successfully managed **maintenance operations** & reduced **breakdown / downtime** & enhanced operational effectiveness of equipment
- ▶ An **effective communicator** with **strong analytical, problem-solving, decision-making & organizational skills**



Core Competencies

Project Management

Installation & Commissioning

Operations & Maintenance

EHS Management

Designing Solar Projects

Cost Optimization

Root Cause Analysis

Techno-Commercial Operations



Career Timeline (Recent 3)



Notable Accomplishments Across The Career

- ▶ Single-handedly managed **5S, safety TPM activity & energy management** to ensure a **safe work environment**
- ▶ Installed and/or replaced new or reconditioned **repair parts**; tested equipment for optimised operation
- ▶ Determined the **project schedule** to avoid construction delays through all **site inspections**
- ▶ Created and maintained specialized **computer simulation software** to model the energy output of installed system

scenarios

- ▶ Analyzed the long-term **energy performance** of installed systems and performed targeted **field tests** to characterize the performance of both **new and existing technologies**
- ▶ Characterized **system performance** using remotely acquired **energy and meteorological data**
- ▶ Prepared reports/presentations to communicate analysis findings & research plans for the **product development**
- ▶ Tracked policies of **State Nodal Agencies** for solar rooftop projects and ground mounted utility scale projects
- ▶ Prepared & verified the final As-built package for **Electrical work**
- ▶ Supervised various projects with respect to **cost, time overruns & quality compliance** to ensure effective resource utilization to maximize the output



Professional Experience

Since Jul'17

Cleanmax Enviro Energy Solutions Private Limited, Gurugram as Assistant Manager (Project Management)

Project Details -Roof Top Projects:

- ▶ 3 MW IPGCL Projects across Delhi
- ▶ 448.5 KW FCC Clutch (Honda Complex)
- ▶ 800 KW +2 Projects (Ultratech Cements)-Ground Mounted Projects Under Open Access
- ▶ Handled 2.36 MW Honda Cars, worked with **7 Mw of Capacity** with Japanese Giants like: Gtekt, Honda Cars, Commissioned around **10 MW Of roof top Project**

Role:

- ▶ Spearheading activities involving working out various requirements & monitoring overall **project operations** of **Solar Power Projects** in Megawatt scale and roof top projects including stand-alonesystems
- ▶ Monitoring the activity at sites, reviewing the **project schedule**, ensuring **cost control** within budget, planning for **cash flow requirements**
- ▶ Preparing **technical scopes of work** that supports effective **design, development and implementation** of engineering changes in package
- ▶ Liaising & coordinating with **Engineering, Logistic & Commercial and Customer Support** teams for smooth execution of the project
- ▶ Creating the fabrication records and ensuring the planned delivery of material on site
- ▶ Prioritizing the **site mobilization plan** in accordance to the set guidelines & procedures
- ▶ Anchoring & planning **erection & commissioning** for various **equipment and machinery**
- ▶ Working with **consultants, clients, vendors, suppliers and subcontractors** for ensuring resources are used as per specifications
- ▶ Working on **Material Requirement Planning (MRP)** involving total & single item planning, Bill of Material (BOM), status & explosion, net change planning, lot sizing, planning runs, scheduling and Master Production Scheduling (MPS)
- ▶ Liaising with **Consultants, Subcontractors, Supervisors, Planners, Quantity Surveyors** and the general workforce working in the project
- ▶ Conducting **tests & inspections** to ensure operational effectiveness of equipment
- ▶ Performing **failure investigation analysis** to identify gaps & take corrective measures so as to **reduce equipment downtime** & maximize plant availability
- ▶ Creating effective procedures for the preparation and implementation of programs within the all area of safety and the environment in manufacturing process
- ▶ Advising the **employers / employees** on the **safe & healthy work practices & health / safety management systems**
- ▶ Addressing filling of **RFPs and RFIs, budgeting and building project proposals**
- ▶ Leading, mentoring & monitoring the performance of **team members** to ensure efficiency in **process operations** and meeting of **project targets**

Dec'16 to Jun'17

KEC International Limited as Assistant Manager (Central Planning & Monitoring Group)

Project Details - Ground Mounted Projects:

- ▶ 35 MW Vikarabad (Single Axis Tracker Based Projects)
- ▶ 45 MW AEG Projects (Single Axis Tracker Based Projects)
- ▶ 100 MW APGENCO (Seasonal Tilt Based Ground Mounted Project)

Mar'13 to Dec'16

Harsha Abakus Solar Limited as Project Manager (Project Management and Engineering)

Growth Path:

Engineer	Mar'13 to Mar'14
Sr. Engineer	Mar'14 to Mar'15
Project Manager	Mar'14 to Dec'16

Project Details – Ground Mounted Projects:

- ▶ 1 Mw SPV Plant for Harsha Engineers at Anand, Gujarat
- ▶ 20 MW SPV Plant for GPCL & GSECL, Charankha, Gujarat
- ▶ 11 Mw SPV Plant for Atha Mines at Bikaner, Rajasthan
- ▶ 12 Mw SPV Plant for ACME at Rajgarh, Madhya Pradesh
- ▶ 20 MW Tracker Based Plant for Back-Bone Enterprises Limited & Enersan Power Private Limited.
- ▶ 2 x 1 MW SPV Agri Based GSECL, Kutch & Jamnagar

Roof Top Projects

- ▶ 60 Kw SPV Plant for GERMI (at various ITI Colleges) at Gujarat
- ▶ 200 Kw SPV Plant for SunEdison at Gandhinagar, Gujarat
- ▶ 360 Kw SPV Plant for SunEdison at Chennai
- ▶ 100 Kw SPV Plant for SunEdison at SKF India Limited, Pune
- ▶ 100 Kw SPV Plant for Bosch at Faridabad, Haryana
- ▶ 50 Kw SPV for SunEdison at Mumbai
- ▶ 1 Mw SPV Plant for IL&FS Renewables at Amity University, Noida
- ▶ 2 Mw SPV Plant for Cleanmax Energy at Tata NanoPlant, Sanand
- ▶ 200 Kw SPV Plant for Cleanmax Energy at NBC Bearings, Vadodarra
- ▶ 300 KW Golf Ceramics, Mehsana

2011 to 2013

OPG Energy as Project & Operations Engineer

Project Title: 5.5 MW Site in Bap Rajsthan

2010 to 2011

Absolute India Projects Limited as Project & Operations Engineer



Education & Credentials

- ▶ **2008: Bachelor of Technology (Electrical Engineering)** from Rajasthan University



IT Skills

- ▶ MS Office (Word, Excel, PowerPoint) & MS Project
- ▶ **Simulation Software:** PVsyst, Prima Vera



Personal Details

Date of Birth: 20th May 1986

Languages Known: English & Hindi

Address: First Floor, House No. 136, Sector 22A, Gurugram – 122015, Haryana

Marital Status: Married / **No. of Dependents:** 2