

Kesineni Nitesh,

13 Years 4 Months in (Thermal & Solar)

B.Tech (E.E.E)/ M.Tech/ M.B.A,

www.linkedin.com/in/nitesh-kesineni-381a72118

+91-9515105759,

kesineninitiesh@gmail.com



Technical Skills & Competence:

- ✓ Asset Management
- ✓ Performance Audit, Feasibility Analysis & Due diligence
- ✓ IoT, Remote Monitoring Platform – Engineering, Design and Research
- ✓ Electrical and Automation – HT/ MV/ LT Equipment and PLC/ SCADA.
- ✓ Renewable – Solar PV & Wind technology.
- ✓ HSE and Hazardous waste management
- ✓ Analytical and MIS Presentation Skills.
- ✓ Business Planning and Development.
- ✓ Vendor Management & Contract Negotiations.
- ✓ Technical & Skill development trainings.
- ✓ E-Vehicle designing, charging stations & Battery Storage technology.

Career Experience:

1. Senior Planning & Operations Manager | Embassy Energy Private Limited (Bangalore).

From April 2019 – Present



Profile:

- Operations & Maintenance Head for Renewable assets of Solar Plant and Wind energy Portfolio.
- Energy Allocation and organizing of FORM – C to State Electricity Board for Open Access W&B (Commercials).
- Preparation of all reports related to Management Information System of Renewable Assets.
- Performance Analytics of Renewable Assets (Solar & Wind Energy).
- Business Planning and Development of Renewable Assets & Energy Management.
- Vendor management and contract negotiations.
- Policies and regulation analysis.
- HOTO, Due Diligence, & Compliance management.
- Project feasibility analysis and evaluation.
- Assets Process and Performance audits.
- Plant HSE and hazardous waste management.
- Technical trainings & Team management.

2. Manager (Solar O&M Technical Services & Analytics) | Greenko Group (Hyderabad).

From January 2018 – April 2019.



Profile:

- Performance Management & MIS (Management Information System)
- Prepare MTTR and MTBF for the plants
- Monitor, analyze and resolve the Plant underperformance at String Level/ Inverter level (Kurnool Gani Solar Park – **816 MWp** (10 x 81.6 MWp).)
- Tracking, Monitoring and Ensuring Operations and Maintenance activities, and maintaining records; and rectify the faulty component/ equipment
- Schedule, Plan and discuss the Plant O&M activities to achieve the management Generation targets (At least P50).
- Suggest, measure, and control the Plants operating under Yearly O&M budget.

- SCADA Operations and maintaining uptime for communication system to APSLDC at plants and HO remote monitoring.
- Lead Role in HOTO (Hand Overtake Over) & Continuous Audit (HACA team) for Solar BU
- R&D on Soiling Loss estimation for Solar Plant at Module Level.
- Implementation support for Drones development for radiography imaging (Thermal Imaging)

3. Deputy Manager | Gangavaram Port Ltd.

From August 2015 – December 2017



Profile:

- Erection, Quality, design, engineering, vendor finalization and Commissioning of Solar Plant.
- Operation & Maintenance of Solar Plant.
- Preparation of Quality Inspection, Quality Records, Quality Check List, Field Quality Plans & Audits.
- Preparation, documentary planning & execution of OHSAS certification & ISO Certification.
- Preparation & Execution of Process Automation logic (PLC), SCADA Screens, HMI Screens and Hook-up scheme preparation with Central control rooms.

4. Assistant Manager, Electrical & Instrumentation | Larsen & Toubro Limited

From August 2013 – August 2015.



Profile:

- Installation and Testing of LT & HT Switchgear in Substation/ Control Rooms, Field devices (Safety Switches, Level Switches, Flow Switches, Pressure switches, differential pressure switches, thermistors, temperature switches), transformers, bus ducts, cable laying, cable trays, PLC Panels, Battery chargers, UPS & Batteries.
- Preparation of Quality Inspection Reports, Quality Check List, Quality Records, Field Quality Plan & Quality Audits.
- Testing & Commissioning of Automation System (PLC), IO Checking, Equipment/ System logic preparation, PLC programming, SCADA/ graphics development/ preparation, IO mapping to SCADA, communication establishment-MODBUS, RS 485, RS 435, Fiber Optics, Profibus & encoders.
- Hydraulic System for Luffing, Slew, Bucket Wheel, Side Arm Charger, Wagon tippler, Apron feeder, Electro mechanical equipment like Scoop coupling system, conveyors, crushers, magnetic separators, flap gate, diverter gates, rod gates, rack-pinion gate, roller screens & Gear boxes, electro-mechanical drives & compressors in Water Pump House.
- VVFD (Variable Voltage Variable Frequency Drives), Packaged Air Conditioners (PAC), Vibration Monitoring system, crushers & electrical drives, HI LIFT XL TYPE WAGON TIPPLER & SAC.
- Performing the DCS/ PLC FAT inspection for BHEL & Honey well Automation.
- Performing the training programs for In house engineers at Site & also to the client during order closure.
- Preparing & Submission of Budgetary Offer for the Electrical, Automation, Hydraulic & Mechanical Spares & Augmentation works, and e-tendering.

5. Senior E&I Engineer | India Bulls Power Limited. | 10 x 270 MW Power Station

From May 2011 – July 2013.



Profile:

- Erection, Cabling, Testing & Commissioning Activities of Rectifier Transformers, Low Tension Switchgears, Dry Type transformers (6.6kV/415V), Silicon Controlled Rectifier Control Panels, Safety Interlocking System, Ash Level Detectors, Electrical Heaters for Electro-Static Precipitators.
- Instrument Air, Service Air & Ash Handling System, Medium Voltage Switchgear(6.6kV), LT Switch Gears, Oil type transformers, Dry type transformers, HT Motors, LT Motors, Inline Magnetic Separators, Metal Detectors, Conveyor Safety Switches, Inline Conveyor Scale, Weigh bridges, Electrical Operator Hoist (Cranes),

- Crushers.
- Suspend Electromagnets for Coal Handling Conveyor System, Bucker Wheel motors, Boom Conveyor motors, Elevator Conveyor motors, Vibrating Screen motors, Reversible Yard Conveyors motors, Hydraulic Power Pack System for Boom Luffing, Lubrication System.
- Voltage Frequency Drives, PLC System, UPS, Low Tension Switch Gear, PLC Programming, SCADA System for Stacker Reclaimers for Coal Stockpiles. Wagon Tipplers, Apron Feeders, Dribble Feeders, Wagon traverse & Shifter, Pre-Wetting System, Locomotive Signaling System, Ventilation System, Low Tension motors, Transformers, Automation System for Fuel Oil Pump House & Foam Pump House.
- Carrying out Planning and budgeting of the maintenance activities.
- Responsible for proper documentation and record of all the Erection & Operation activities.
- Responsible for safe Maintenance practices by imparting training to maintenance Professionals.
- Maintenance, Spare & Inventory Management through SAP.

6. Engineer I Lanco Infratech Limited – UPCL | 2 X 660 MW Thermal Power Station.

From September 2008 – May 2011.



Profile:

- Erection, Cabling, Testing & Commissioning Activities of Rectifier Transformers, Low Tension Switchgears, Dry Type transformers (6.6kV/415V), Silicon Controlled Rectifier Control Panels, Safety Interlocking System, Ash Level Detectors, Electrical Heaters for Electro-Static Precipitators.
- Erection, Cabling, Testing & Commissioning of Compressors System (Model No: ZR250, GA 350), Instrument Air, Service Air & Ash Handling System, Medium Voltage Switchgear(6.6kV), LT Switch Gears, Oil type transformers, Dry type transformers, HT Motors, LT Motors, Inline Magnetic Separators, Metal Detectors, Conveyor Safety Switches (Pull Chords, Zero Speed, Belt Sway, Chute Jam, Inline Conveyor Scale, Weigh bridges, Electrical Operator Hoist (Cranes), Crushers.
- Erection, Cabling, Testing & Commissioning of Paddle Feeders, Wagon Unloading Compressors of Coal Unloading System for Track Hopper Complex; Low Tension motors, Transformers (2.5 MVA), Illumination System for Fuel Oil Pump House & Foam Pump House, Boiler Values, Turbine Values & Soot blowers for Super Critical boiler System.
- Spare and inventory management through SAP Worked in Planning Department.
- Carry out analysis and documentation of equipment breakdowns and ensure maximum availability of all critical equipment.
- Preparation of Cable Schedules, Cable tray layouts, Switchgear Schemes Designing for Effluent treatment Plants.
- Involved in proper planning and execution of overhauling of 2 X 660 MW power Plants.

7. Graduate Engineer Trainee I Sri Venkateswara Engineers Ltd

From July 2007 – August 2008.

Profile:

- Electrical testing & commissioning of Electrical Switchgear, Transformers & Motors in thermal power plant.
- Preparation of Electrical test reports & Commissioning reports for thermal power plant equipment.

Technical Software & Computer Skills:

- ✓ PVsyst – Logiciel Photovoltaïque Meteonorm.
- ✓ HOMER - Hybrid Optimization of Multiple Energy Resources.
- ✓ PV*SOL.
- ✓ RET Screen.
- ✓ SAM – System Advisory Model.
- ✓ Archelios Suite.

- ✓ Google SketchUp.
- ✓ Microsoft Visio.
- ✓ Microsoft Excel.
- ✓ Microsoft Project.
- ✓ Oracle Primavera.
- ✓ SMA's Sunny Design.
- ✓ Autodesk Ecotect Analysis (Basic Level).
- ✓ PVWatts.
- ✓ SolarGIS.
- ✓ Python Programming Language (Basic Level).
- ✓ Windographer (Basic Level).
- ✓ DIALux (Basic Level).
- ✓ Auto-CAD (Basic Level).