

STUDENTCODE: RR123223203

Principle Consultant

ABOUT ME

- 5+ years of Professional experience in Power Sector Domain/ Services Industry
- Having a experience of Technology Support for Fuel Cell based Distributed Power Generation Units. Currently working in Power Sector Consulting as a Project Management Unit and playing a vital role in Project Management of Feeder Level Solarization in Maharashtra. In my current job role, I am in the process of gaining rich and vital experience of working with Government Officials.

WORK EXPERIENCE

IDAM INFRASTRUCTURE ADVISORY PVT LTD- Principal

(13th September 2023- Present)

- **Consultant, Energy Markets and Regulations.**

1. Working with MSEDCL and MSAPL as a Project Management Unit for the implementation of MSKVY2.0 program. Aim is Solarization of Agriculture feeders of 33kV/11kV MSEDCL Substations under KUSUM Scheme C- Component. 9000 MW Solar Power generation capacity Awarded till date. The team is responsible for Land and Lease clearance analysis, Support in RFS and Regulatory Compliance, Project Management and Control, Real Time Monitoring and Tracking of Bidding process and Single window clearance mechanism. Also contributing with process inputs to IT Team of IDAM for digitization of Process Docs like PPA, LOI, LOA etc. and developing MIS Dashboard for monitoring of all phases of a Solar Project Installation and the Operational phase of MSKVY2.0 Project.

2. Working on creating a "Roadmap for Re-structuring of MSLDC". The Assignment involves review of MSLDC functioning, review the best practices of NLDC/RLDC/ SLDC and ISOs in different countries. Also Exploring the roadmap for administrative separation of MSLDC from MSETCL in view of ringfencing of SLDC to operate as Independent System Operator (ISO).

3. Working on "Assessment of Structural Changes needed at State Transmission Utility". The Assignment involves the review of provisions for STU/and its functions as per EA 2003, CEA Transmission Planning Manual, TOA/DOA Regulations. Review of current organizational structure, PGCIL/CTUIL separation case study and the best practices adopted by CTU/Other STUs. Aim is to highlight the requirement of Qualified Manpower, Capacity building programs with the perspective of upcoming new technologies and functions to be discharged by STU as per the added responsibility of STU under MEGC 2020 and Complex planning requirements unique to Maharashtra, suggest for Policy and Regulatory framework for Restructuring.

- **BLOOM ENERGY INDIA PVT.LTD – Senior Engineer Technology Support**

Worked in the Technology Support department, which is responsible for troubleshooting and analyzing root causes, Process calculations, TMO Predictions, Execute Electric/Gas Utility and Customer requests, Optimization and providing daily insights of TMO data to VPs & related teams for Solid Oxide Fuel Cells based distributed power generation business and Demo Trial run of Electrolyzer. Working in a team of 30 members and in 24/7 environment in shift rotation. Using various tools for operations such as Salesforce, Microsoft SQL, Tableau, Pi-Core, QuickBase, Oracle.

Senior Engineer

(10th March 2023 – 8th September 2023)

Worked in a Supervisory role as a shift supervisor. Also having 3 Technicians as Reports to me.

Newly added responsibilities are, Power Optimization Project and Auditing the Force Majeure events for energy loss calculations with BI and Asset Management teams, Manpower scheduling for 24/7 operations.

Engineer

(29th July 2019 – 9th March 2023)

Control the fuel cells and entire process of Power Generation through HMI/SCADA. Support Field Service Engineer in troubleshooting the field issues and Performance Testing of new systems. My Projects: -

- Perform Root Cause Analysis of Energy Server/Site down events. Working on Process Optimization with Quality and Product Support teams to reduce TMO Loss as well as services cost.
- Perform Failure Mode Analysis of Various Power Electronics components and Controllers. Extensively Analyze the No Problem Found cases team and formulate corrective measures with PCS Quality team.
- Have worked in Inverter Redeployment project to achieve balance of demand and supply of Inverters. The project has helped the organization save procurement cost of \$185000.
- Validated (Testing Pad+ Field installs) newly programmed Control Logic Firmware with Controls team.

- **BOSCH LTD-Graduate Apprentice Trainee.**

(1st September 2018 - 23rd July 2019.)

Underwent Graduate Apprenticeship Program in BOSCH LTD at Nasik Plant.

Worked in a team of 3 Engineers and 12 Operators Responsibly handled the Electrical Breakdown Maintenance of 250 CNC machines. Actively worked in: -

- Breakdown Maintenance of LT Control Panels. Planning and Execution of Preventive Maintenance.
- Commissioning of Motor control Circuit/ Servo Drives/PLCs as a part of Preventive Maintenance.

EDUCATION

eMasters Degree in Power Sector Regulation, Economics and Management
Indian Institute of Technology(IIT), Kanpur, India

2023

B. E. (Electrical, Electronics and Power Engg),
Government College of Engineering, Aurangabad. Maharashtra

2018

TRAININGS/PROJECTS

- EMaster's Degree Regulatory Capstone Project 1: Power Market Derivatives
- EMaster's Degree Regulatory Capstone Project 2: RE-RTC and Storage - DSM Regulations

SKILLS

- Electrical Engineering, Power Sector Regulatory Framework & Economics, Renewable Energy, Power Markets, ARR, PPAs, Electricity Tariff, Project Management, Consulting, LCOE Calculations.
- Operations, Fuel Cells, Electrolyzer, Root Cause Analysis, Troubleshooting, Remote Monitoring.
- Hands on Experience of Tools like MS Word, Powerpoint, Excel, Quickbase, Oracle, Tableau

INTEREST

- Watching Cricket, Bollywood Movies and Political News etc.

PERSONAL PROFILE

- **AGE:** 27 yrs
- **Languages Known:** English, Hindi, Marathi
- **Gender:** Male
- **Nationality:** Indian
- **Marital Status:** Unmarried
- **Annual Current Salary Range (In Lakhs):** 11.5 LPA