

Resume

Shankar Kumar

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Objective : To obtain a position in the field of Industrial Automation & Energy Sectors that will utilize my Technical, Managerial and Creative problem solving skills to achieve optimum utilization of its resources and to benefit mutual growth and success.

Current Employment

Currently Working as a **Manager (Windmill Division)** in Poonawalla Fincorp Ltd, Bangalore since Sept-19. **Poonawalla Fincorp Limited (formerly known as Magma Fincorp Ltd)** is a Pune based non-banking financial company registered with the Reserve Bank of India as an Asset Finance Company with registered office in Kolkata. The company operates more than 295 branches in 22 states and a union territory and has a strong presence in rural and semi-rural India.

PFL has total of 17.45 MW of wind power project installed in MP, Rajasthan, Maharashtra and Karnataka state of India.

Job Description

- Monitoring the performance of all the windmills.
- Recording the daily generation, machine availability, grid availability, machine breakdowns.
- Data Base Management.
- Regular visits to Windmill sites.
- Preparation and submission of monthly energy invoices to the respective electricity boards.
- Track the payment realization and liaise with the State Electricity Boards.
- Keep a track of spares consumption and maintain a data base.
- Visit sites and attend the periodic preventive maintenance activities.
- Visit sites in case of any major breakdowns and understand the reasons in details and speed up the restoration process.
- Identification of third party power purchasers so as to sell wind power under open access mechanism.
- Monitor Forecasting & Scheduling activity of Qualified Coordinating Agency (QCA) in order to compliance with SLDC's regulations.

Key Responsibility Area

- **Performance Monitoring-** Monitor and analyze the performance of the windmills, track the wind speed and generation.
- **Coordination with operation and Maintenance team-** Effectively coordinate with the service team, minimize the down time of windmills due to minor breakdowns.
- **Consumables and Spare parts tracking:** Effectively keep track on the consumables and spare parts required for the smooth functioning of our windmills and avoid delays in restoration of windmills during the major breakdowns due to spare issues.
- **Maintenance of windmills-** Schedule the maintenance activity with the service agencies, oversee the maintenance activities and ensure that the maintenance is carried out in an effective manner so as to

get optimum output from the windmills.

- **Data base management-** Prepare and maintain a database for all the windmills which would primarily contain the windmill generation, billing and technical parameters.
- **Liaising with EB officials-** Following up with EB officials for processing and disbursement of our energy bill payments.
- **O&M deliverables-** Understand the O&M terms with all the service providers, monitor the technical parameters and track the O&M deliverables such as machine availability, grid availability, reactive power, line losses as per the contract terms.
- **Insurance Compliance-** Prepare and arrange documents that are required for recovery of claim amount from Insurance Company in case of Major Breakdown in turbines.

Project Handling

- Wind Power of 6 MW (10*600kW) RRB Machines located at Dewas, Madhya Pradesh.
- Wind Power of 4 MW (5*800kW) Enercon Machines located at Jodhpur, Rajasthan.
- Wind Power of 4.95 MW (3*1650kW) Vestas Machines located at Chikodi, Karnataka.
- Wind Power of 2.50 MW (2*1250kW) Suzlon Machines located at Dhule, Maharashtra.

Earlier Experience

RRB Energy Limited, Chennai

A pioneering company in the field of Wind Power Generation in India with a cumulative installed capacity of more than 1000 MW through their most reliable products- V27-225kW, V39-500kW and V47-600kW driven by the technology outsourced from Vestas Wind Systems A/S, Denmark.

Assistant Manager (Service), Dewas (MP)

Aug 2014 – Sept 2019

- Site In-charge of 15 MW (25*600kW) project.
- Responsible for the repairing of V47 wind turbine models comprising the troubleshooting on VMP control system, hydraulic power pack, sensors, motors and all other electrical and electronic components assembled in nacelle.
- Responsible for billing process of generated units through liaising with EB Depts.
- In-charge of completion of service order in SAP & physical stock verification.
- Carrying out predictive & preventive maintenance schedules of WEGs to increase the levels and reliability of the product and services
- **Root Cause Analysis report preparation for all type of breakdowns.**
- Ensuring uninterrupted operations of Wind Electric Generators.
- Provide technical training to Engineers at wind sites.
- Co-ordinate with project teams and various departments for the installation of new WTGs.
- Responsible for maintaining Customer relationship, answering their queries and O&M follow up.
- Visit various sites across India for internal Audits.

Engineer (Service), Muppandal (Tamilnadu)

Dec 2013 - July 2014

- Repaired electrical & mechanical faults of V27, V39 and V47 wind turbine.
- Responsible for creating service order, logistics material management, purchasing of materials using SAP module.
- Co-ordinated in the internal audits as well as in the external audits by DNV and TUV as per the ISO 9001:2008 (QMS) and ISO 14001:2004 (EMS).
- Preparing the documentation of the relevant reports and coordinated for all aspects of projects which entail developing and maintaining a detailed service schedule.
- Maintenance of 33 kV transmission line.

- Completed training on V27-225kW, V39-500kW and V47-600kW Nacelle, VMP control panel and Blade manufacturing.
- Developed integral skills like analyzing and producing electrical schematics and gained knowledge for superior understanding of the turbine design, pitch control system, hydraulic system, blade aerodynamics and the electrical components assembled in the wind turbine.

Education Qualification

- Qualified GATE- 2013 examination with Gate Score 311.
- Bachelor of Technology in Electronics and Instrumentation Engineering from Maharishi Markandeshwar University, Mullana (Haryana) in 2013 with **8.86 CGPA**.
- 12th from CBSE in 2007 with 66.8% marks.
- 10th from CBSE in 2004 with 67.8% marks.

Technical & Computer Skills

- Handled SAP Logistics Material Management, Purchasing material management.
- Proficient in using MS Office tools.

Sports- Chess Achievements

- Current International Fide rating : **1365**
- Secured **41th** position in **All India Open Chess Tournament**, 2016 held in Indore.
- Secured **32nd** position in **Royal Fide Rating Chess Tournament (below 1600)**, 2015 held in New Delhi.
- Secured **35th** position in **Bramhapuri Educational City trophy All India Open FIDE Rapid Chess Tournament**, 2015 held in Bramhapuri, Maharashtra.
- Secured **62nd** position in **All India Open Fide Rating Rapid Chess Tournament**, 2015 held in Hubli, Karnataka.
- **Winner of Chess Championship, 2010** in the college hosted by Indian Society for Technical Education, M.M.U, Mullana.

Strengths

- Adaptable & flexible in situations.
- Capable of meeting challenges alone as well as in team.
- Hard working & good listener.
- Good communication skills.
- Willing to learn from failure and start with a new beginning.

Personal Profile

Father's Name : Raj Kumar Sah
Mother's Name : Hira Devi
Date of Birth : 8th Feb, 1988
Nationality : Indian
Language Known : English, Hindi and Maithali

Declaration

I hereby declare that the information given above is true to the best of my knowledge and I shall be responsible for any discrepancy.

Date: 21.05.2022

Place: Bangalore

Shankar Kumar