

Resume

Personal Information

Name: Rakesh Khosla

Date of Birth: 06th Feb, 1958

Address: Flat No. 16-C, Mansarovar Apartments, Sec-61, Noida (U.P.)- 201301

Education: B.E. (Electrical Engineering) completed in 1980 from Delhi University (Delhi College of Engg.) with distinction.

Email Id: rakkho@gmail.com; rkhosla1958@gmail.com

Contact No.: 9910083561

Overall Health: Good

Experience Profile:

Joined BHEL in Feb, 1981 and served for 37 years in different capacities at thermal, gas, industrial and nuclear power projects of various ratings for central/state utilities and private developers at different locations. Retired as General Manager on 24th February, 2018.

1. Project Management

- **Last Assignment** - General Manager, Project Management Group, Power Sector, BHEL, Noida (July 2014 to 24th February, 2018)
- **Roles and Responsibilities**
 - ❖ **Project Related**
 - Planning for the project in line with the project delivery schedule agreed with customer as per contract
 - Expediting installation process for time cycle reduction by application of long previous experience in site construction activities
 - Developing schedule for supplies from various agencies as well as erection activities at site. Organising inspection of various equipment at BHEL & its sub-vendor's works
 - Ensuring information flow between various agencies and prompt liquidation of interfacing issues
 - Monitoring and expediting the processes to meet deliverables to keep project on track.
 - Identifying areas of special concern which need additional effort and sometimes involvement of apex/management level
 - Act as a single point contact during execution between BHEL and Customer for addressing and resolution of all issues concerning the project through regular structured review meetings.
 - Representing BHEL for periodic reviews with CEA/MOP
 - Ensure completion of agreed milestones for the project and expedite finalization of punch points if any towards closure for the project.
 - ❖ **Team Management**
 - Leading, mentoring & monitoring the performance of team members to ensure effectiveness and efficiency in process management.
 - Creating and sustaining a dynamic environment that fosters development opportunities and motivates high performance amongst team members

➤ **Major Projects Handled**

- 1x800 MW Wanakbori, EPC Project (Customer- GSECL, Gujrat) – first 800 MW EPC project for BHEL
- 2x660 MW Suratgarh, EPC Project (Customer- RRVUNL)
- 3x660 MW Lalitpur Project (BTG Pkg, Customer- Bajaj Group) – execution carried out in a record time (all 3 units commissioned within a span of 85 days)
- 3x660 MW Prayagraj Bara Project (BTG Pkg, Customer- Jaypee Group)
- 2x500 MW Anpara, EPC Project (Customer- UPRVUNL) – first project completed on ash bed in India
- 2x520 MW HNPCL, Vizag project (EPC except CW system, customer- HNPCL)
- Gas Based EPC Projects- OTPC, Palatana (2x363.3 MW), Bawana (2x750 MW), Monarchak (1x100 MW), Namrup (1x100 MW)

2. Construction Management (Erection & Commissioning)

- **Functioned as Construction Manager** for the biggest gas based combined cycle project (1500 MW) in Delhi at Bawana Project Site (Nov, 2011 upto July, 2014). This project comprises of six machines of 250 MW each (4 Gas Turbines and 2 Steam Turbines) along with electrical/C&I and BOP packages, which was executed by BHEL on EPC basis.
- **Roles and Responsibilities**
- Timely completion of facilities for enabling construction including storage area, construction power, portable water, office space etc.
 - Oversee and direct construction activities in various sub-areas from conception to completion. Regular progress review meetings with vendors for effective monitoring and in time corrective actions.
 - Detailed review the project for meeting deliverable schedules as well as cost and turnover estimation on fortnightly/monthly basis
 - Advance forecasting of T&P , plant materials and consumables
 - Rolling Plan for proactive preventive and corrective action to mitigate any emerging issues
 - Meet contractual conditions of quality and performance and ensuring compliance of safety regulations
 - Prepare internal and external reports pertaining to execution progress
 - Negotiate/Evaluate terms of agreements, draft contracts
 - Obtain needful permits, statutory clearances and licenses as applicable

3. Commissioning Manager

- **Functioned as Commissioning in-charge** at Dholpur Project(RRVUNL) from 2006 to 2008 and at Bawana Project(PPCL) Site from 2009 to 2012
- **Roles and Responsibilities:**
- Establishing a commissioning team and organising commissioning procedures and checklists
 - Audit of equipment system readiness
 - Ensure inventory of material and needful T&P/testing equipments
 - Guide team for pre-commissioning and commissioning of system to be followed by trials

- Review of commissioning activities in various areas on daily basis to align the completion with targetted schedules
- 4. **Electrical /C&I package in-charge** (dual responsibility of erection and commissioning) at Bawana site (2009 to 2011) for the following systems:
 - Generator Transformers (upto 292 MVA) and related protection systems
 - Station auxiliary transformers, Unit auxiliary transformers
 - HT/LT Switchgear and motors
 - Battery systems and UPS
 - Turbo generators, excitation systems & static frequency converters with associated Bus duct and protection systems
 - Station earthing & lighting
 - Station C&I
- 5. **Served as electrical systems specialist** between 1981 to 2006 at projects of various ratings as under:
 - NTPC projects- Singrauli (200 MW), Unchahar (210 MW) and Faridabad CCPP.
 - PSEB Projects- Ropar(210 MW) and Bhatinda (Lehra Mohabat)
 - HPGCL Projects- Panipat (110 MW,210/250 MW)
 - RRVUNL Projects- Suratgarh(250 MW), Kota(210 MW), Chabra(250 MW), Dholpur and Ramgarh(Gas based projects)
 - UPRVUNL Projects- Parichha(210 MW)
 - NPC Projects- RAPP Kota, Narora
 - IOCL sites- Mathura, Panipat (Captive power projects)
 - Hydro projects at Ganvi (HPSEB) and Malana
- Equipment/System worked at:
 - Turbo generators, auxiliaries and excitation systems (upto 250 MW)
 - Power Transformers and power evacuation systems
 - HT/LT motors and switchgear
 - DC drives
 - Electrical Control & protection systems
 - UPS/Battery Chargers and Battery systems etc.

Career Highlights:

- Over 30 years of erection/commissioning, troubleshooting and maintenance related hands – on experience as an electrical expert in all types of electrical installations at various projects as enumerated above.
- Over 5 years of experience as commissioning in-charge at two fast track prestigious projects (Dholpur and Bawana, CCPP). Handled additional responsibility of electrical/C&I in-charge.
- 3 years experience as a construction manager at Bawana project
- Over 3 years of experience in leadership position for project management function of various prestigious supercritical projects, which were successfully executed and some of which created benchmarks for power sector
 - Lalitpur Project- 3 sets of supercritical rating-660 MW commissioned within a span of 85 days
 - Highest contributor as a group in achieving commissioning of more than 10,000 MW for two consecutive years(2014-15, 2015-16) for BHEL and trial operation/handing over of 11 sets of 500 MW and above in the year 2016-17.