

YUVRAJ G SOLANKI

Personal Details

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Objective

Electrical Engineer with hands-on experience as a Switchboard Operator in power transmission operations. Skilled in panel operations, equipment monitoring, safety procedures, and fault handling. Seeking to contribute technical skills and plant operation knowledge to a growth-oriented organization.

Professional Experience

- **In-charge SBO/Supervisor** Oct 2024 - Present
GETCO
Managed day-to-day operation of **66 kV substation equipment** including breakers, isolators, and transformers, ensuring compliance with safety procedures. Coordinated fault isolation, restoration activities, and control room operations in liaison with Load Dispatch Centre.
Leveraged 220 kV substation/switch yard experience to support real-time switchboard and transmission operation activities. Assisted operators in inspection, alarm monitoring, and documentation activities.

Key Responsibilities

- Operated and monitored electrical switchboards and control panels
- Monitored voltage, current, load, and system parameters
- Coordinated with maintenance and field teams during shutdowns
- Followed electrical safety rules and lockout/tagout procedures
- Assisted in preventive and breakdown maintenance activities
- Handled tripping, alarms, and fault indications
And Maintained operation logs and daily reports

Technical Skills

- Switchyard & control panel operation
- Breaker & isolator operation
- Load monitoring & system parameters
- Log sheet & report maintenance
- Fault identification & basic troubleshooting
- Safety oriented work approach

Core Strengths

- Discipline in shift operations
- Quick learner in plant operations
- Good coordination with team & supervisors
- Calm response during faults/trips

Technical Project Experience

- **Restoration & Reconditioning of 15 MVA(T&R) Power Transformer (Cyclone Damaged)**
 - Disaster Recovery Lead: Spearheaded the restoration of a power transformer severely damaged during Cyclone Tauktae, ensuring the return of grid stability under critical timelines.
 - Advanced Moisture Mitigation: Executed multiple Vacuum & Nitrogen (N₂) purging cycles; monitored dew point values and utilized industrial dryers/bottom heaters to eliminate internal winding contamination.
 - Insulation & Dielectric Analysis: Conducted comprehensive Oil Filtration using Mobile Plants; performed BDV (Breakdown Voltage) testing and Insulation Resistance (IR) profiling (HV-LV, HV-E, LV-E) using Megger to verify dielectric strength.
 - Mechanical Rectification: Assessed and repaired critical transformer components, including LV bushings, oil sample valves, and drain valves.
 - Operational Readiness: Coordinated directly with Senior State Engineers to finalize testing protocols and successfully re-energize assets for the regional grid.
 - **PROJECT REFERENCE**
K.A.BHAGIYA - Deputy Engineer, GETCO
Contact : +919879615042
B.D.PARVADIYA - Junior Engineer, GETCO
Contact : +919913085589

Education

Course / Degree	School / University	Grade / Score	Year
Batchelor of Engineering	Gujarat Technological University	6.90	2024

Internship

- **Patel Heaters**
Gained hands-on experience in the manufacturing process of industrial heaters and blowers at Patel heaters, Baroda. Completed this internship as a mandatory part of the GTU curriculum.
- **Nexus Automation**
Done 1 month internship at Nexus automation at Rajkot, Focused on industrial control panel wiring under professional supervision. It's a part of the curriculum under Gujarat technological University.