

About the Role

We are seeking an experienced **NOC Electrical Engineer** to oversee and maintain the critical power infrastructure of our 24/7 Network Operations Center. In this role, you will be directly responsible for the health of our main electrical panel, online UPS systems, and backup diesel generator. You will also design and execute new power cabling and connections for incoming IT and networking equipment.

Key Responsibilities

- **Main Distribution:** Oversee, inspect, and maintain the main 3-phase panel board. Perform load balancing across phases to prevent overloads and power fluctuations.
- **UPS Oversight:** Conduct continuous monitoring, battery bank impedance testing, maintenance bypass switching, and routine servicing of the 3-phase UPS system.
- **Backup Genset & ATS:** Oversee the backup diesel generator set, including fuel/coolant levels, regular load testing, and seamless operation of the Automatic Transfer Switch (ATS).
- **New Equipment Deployment:** Calculate load capacities, select appropriate breakers and cable gauges, and lay/wire new power connections into server racks and infrastructure.
- **Power Quality & Safety:** Monitor earthing/grounding systems, track total harmonic distortion (THD).

Key Requirements & Qualifications

- **Education:** Bachelor's Degree or Higher Diploma in Electrical Engineering (or Electrical & Electronics Engineering).
- **Experience:** 3 to 5+ years of hands-on experience in critical power management within Datacenters, NOCs, Telecom hubs, or Industrial facilities.
- **Technical Mastery:**
 - Proven experience with high-amperage 3-phase distribution systems and industrial panel wiring.
 - Direct operational experience with medium/large online UPS systems and VRLA/Lithium battery banks.
 - Strong expertise with Diesel Genset maintenance and ATS failover mechanics.