ROSHAN KUMAR YADAV

Address: Plot no. 78, Nambar Vistar, Mota Kapaya, Mundra, Kutch, Gujarat - 370421
Contact No.: +91 9106989584 | **Email ID:** rkyadav.2411978@gmail.com

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PROFESSIONAL SUMMARY

Detail-oriented Electrical Engineer with 8+ years of proven expertise in the execution, operation, and maintenance of 11kV and 6.6kV power distribution networks. Proficient in network fault troubleshooting, smart/conventional net metering, and rooftop solar installations. Skilled in managing site operations, coordinating technical workforce, and utilizing MS excel, SAP, Auto CAD Electrical, and SCADA to optimize network planning, project billing, and high-voltage safety compliance.

CORE SKILLS

Power Distribution: 11kV & 6.6kV Systems, HT/LT Substations, PCC/MCC Panels
Project Engineering: Smart Metering, Rooftop Solar Systems, Cable Routing, Transformers
Software & Systems: MS excel, word PPT SAP ERP, AutoCAD Electrical, SCADA
EHS & Compliance: PTW, JSA, LMRA, LOTO Safety Protocols

PROFESSIONAL EXPERIENCE

Electrical Supervisor
EXCEL TECHNICAL SERVICES PVT. LTD. | Mundra, Gujarat | September *2026 – Present*

- **Manage** the daily operations and preventive maintenance of 11kV/415V and 6.6kV/433V HT/LT substations, PCC/MCC panels, and distribution networks to ensure maximum power generation uptime.
- **Lead** technician teams in executing planned preventive maintenance (PPM) schedules for industrial motors, VFD drives, and switchgears to maximize asset lifecycles.
- **Conduct** rapid Root-Cause Analysis (RCA) during emergency plant breakdowns to minimize critical system downtime and restore stable grid distribution swiftly.
- **Enforce** strict high-voltage protocols including Permit-to-Work (PTW), Job Safety Analysis (JSA), Last Minute Risk Assessment (LMRA), and LOTO safety procedures across all operational shifts.
- **Monitor** equipment performance metrics and managing critical electrical spares inventory to mitigate operational risks.

Executive
TORRENT POWER LTD. | Ahmedabad, Gujarat | *August 2018 – August 2026 (8 Years)*

- **Spearheaded** site operation and maintenance of 11kV and 415V distribution network, overseeing the installation, testing, and commissioning of transformers, HT/LT panels, switchgears, underground cabling networks and smart meters.
- **Smart meter** installation in residential, commercial and industrial consumers.
- **Daily report** preparation data analysis in excel, DRM PPT preparation, IMS data.
- **Daily complaint management** related to consumer complaints of no power, low voltage, quality of work and complaints from meter reading department.
- **Managed** end-to-end installation and integration of smart and conventional net-metering systems for commercial rooftop solar projects.
- **Directed** the daily deployment of the technical workforce, optimizing labor productivity while serving as the primary vendor-customer liaison to guarantee on-time project delivery.
- **Drove** materials tracking and logistics using SAP ERP, verified project billing quantities, and executed strict cost-control measures.

EDUCATION

- **Bachelor of Electrical Engineering (PDDC)** | CGPA: 7.39
  L.D. College of Engineering, Ahmedabad (Graduated: June 2024)
- **Diploma in Electrical Engineering** | CGPA: 9.46
  Government Polytechnic, Gandhinagar (Graduated: June 2018)
- **SSC (CBSE)** | CGPA: 8.6
  Shri O.P. Jindal Vidya Niketan, Mundra, Kutch (Passed: March 2015)

CERTIFICATIONS & LICENSES

- **Electrical Supervisor License** – Issued by the Government of Gujarat
- **Rooftop Solar Grid-Tie Installation Certification** – National Power Training Institute (NPTI)
- **Professional Course in Electrical CAD** – CAD Centre