GET IN TOUCH!

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SKILLS

- Electrical Maintenance
- Power Distribution
- Maintenance Engineering
- Substation
- Electrical Equipment
- Power Transmission
- 11Kv
- 33Kv
- Transmission Line
- Switchgear
- Transformers
- Utility Maintenance
- Fault Analysis
- Preventive Maintenance
- Protective Coating

LANGUAGES KNOWN

Hindi (Read/Write)
English (Read/Write)

Sandeep Bhardwaj

PERSONAL DETAILS

Current Location	New Delhi
Date of Birth	July 13, 1991
Male	

EDUCATION

Graduation

Course	B.Tech / B.E. (Electrical)
College	Delhi Technological University
Score	73%
Course	B.Tech / B.E. (Electrical and Electronics Engineering (EEE))
College	Delhi Technological University
Score	7.5%

Schooling	Class XII	Class X
Board Name	CBSE	CBSE
Medium	English	English
Year of Passing	2018	2014
Score	61%	60%

PROJECTS

DT Meter Cable Theft Prevention | April 2026 - May 2026

- Reduced DT meter cable theft by relocating the cable route and installing a support pole near the ACB. •
Minimized copper cable exposure, preventing theft and reducing replacement costs. Improved reliability of DT metering infrastructure and reduced maintenance requirement

Distribution Transformer Oil Leakage Prevention | March 2026 - April 2026

- Identified oil leakage in distribution transformers caused by the excessive weight of industrial consumer service cables acting on LT bushings. • Analysed the risk of transformer failure and fire
hazards due to continuous mechanical stress on the bushings. Implemented a solution by installing
iron cleats and providing cable support from the transformer base structure to remove cable load
from the LT bushings. Successfully eliminated oil leakage issues, improved transformer safety, and
reduced the risk of transformer fire and breakdown.

Power Theft Prevention and Loss Reduction | July 2025 - August 2025

- Executed a power theft prevention project in a high-loss distribution area with frequent unauthorized
connections. • Identified theft-prone locations where LT AB cables were being damaged to obtain illegal
electricity connections. Replaced vulnerable LT AB cable sections with 4C x 50 sq. mm armored cables
in narrow village streets to enhance network security. Successfully reduced power theft, improved
network reliability, and lowered transformer losses. Contributed to improved energy accounting and
reduced technical and commercial losses in the distribution system.

Reliable Power Supply Improvement | May 2025 - May 2026

- Contributed to a project aimed at improving power supply reliability in the Single-Phase High Voltage
Distribution System (HVDS). Worked on both bare 11 kV conductor networks and HT Aerial Bundled
(AB) cable networks. Installed (DD) Fuse Units to isolate faulty sections of the network, reducing the
impact of faults on healthy consumers. Improved fault isolation and restoration processes, resulting
in reduced outage duration and faster service recovery. • Contributed to the improvement of reliability indices such as SAIDI (System Average Interruption Duration Index) and SAIFI (System
Average Interruption Frequency Index). Enhanced overall network and ensured a more stable and continuous power supply to consumers

WORK EXPERIENCE

Tata Power DDL | April 2011 - Present

- Electrical Engineering Officer

AWARDS AND HONOR

- Champion workmen Reward for loss level reduction in hard village
- Star Supervisor Award for Maintenance
- Star Zonal Award for best Performance
- Achiever Award for Best Performance
- Shabhash Award for Best Performance
- Shine Award for best Performance
- Gold Award for TQM
- NCQC par excellence award for Project