

Mohammad Ahmed

Electrical Engineer

Riyadh, Kingdom of Saudi Arabia

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With 4+ years of experience in power projects, I bring a strong background in transmission lines and Substations, including multivendor experience. I've led roles in electrical industries, excelling in power system installation, OHTL, underground transmission lines, Power System Protection, OPGW, UGNFOC, Conductor stringing, Plan and Profile Grounding, Tower Erection. My expertise covers power project planning, deployment, energy optimization, O&M, and cost management.

AREAS OF EXPERTISE

- Project Management
- Project Handling
- Project Planning
- Oracle ERP
- MS Excel
- SketchUp
- PLS CADD
- PSpice
- Simulink

PROFESSIONAL EXPERIENCE

Mohammed Al Ojaimi Group

Project Engineer

Abha, Saudi Arabia

January 2024–Present

- Oversaw Developing and laying foundation of Project Execution from the start of project including Design strategies, manufacturing times, procurement requirements, budgeting problems, forecasting and allotting manpower/site teams.
- Review design submittals and ensure compliance with client's requirements.
- Coordination with manufacturer for major material procurement.
- Planned and executed on-site activities according to client's needs.
- Assisted in developing the baseline schedule to track progress effectively.
- Prepared and shared weekly reports with client, the Saudi Electricity Company (SEC)
- Planned clearly outlining interfaces; stakeholders' engagement, parties involved, consultant's liaison and teams/subcontractors required during the complete life cycle of the project.
- Designing route drawings for OHTL.

Associated Technologies

Project Engineer

Lahore, Pakistan

Dec 2020–December 2023

- Review project proposals and plans to develop project objectives.
- Prepare and implement the Project Execution Plan (PEP).
- Conducting detailed analysis of project requirements, specifications, and location-specific conditions for 110kV – 500kV overhead and underground transmission lines.
- Implementing and maintaining construction and material standards set by various clients, while assessing their impact on cost, manpower, and project duration.

- Performing cost calculations for tendering, including Detailed cost sheets for manpower utilized in ongoing projects.
- Evaluation of Incoterms for internationally shipped materials and their financial implications.
- Gantt chart analysis to assess project success rates within the region.
- Coordinating with manufacturers, suppliers, and procurement teams for planning and forecasting, ensuring cost-effective project execution.
- Liaising with clients to clarify project ambiguities, address concerns, and provide effective solutions.
- Reviewing contractual obligations and identifying potential loopholes (if any) in tendering processes.
- Preparing OPGW and conductor drum schedules for stringing operations.
- Inspecting materials, tower grounding, stringing, and erection in compliance with client requirements.
- Designing and constructing new terminal compounds at both ends of the overhead line, including gantry structures, surge arresters, and outdoor terminations for underground cables.

Ibex Global

Customer Support Specialist

Lahore, Pakistan

Aug 2020–Dec 2020

- Offered friendly and efficient service to customers, and handled challenging situations with ease.
- Worked with customers to understand their needs and provide excellent service.
- Identify and assess customers' needs to achieve satisfaction.
- Assist in training junior Customer Support Representatives.

EDUCATION

HITEC University

BSc Electrical Engineering

Taxila, Pakistan

Sep 2016–July 2020

Projects

Mohammed Al Ojaimi Group

1) **Reconductoring of KMH BSP – Ruffeidah 132 KV OHTL**

January 2024–Present

- The Reconductoring of existing KMH BSP -RUFFEIDAH 132kV D/C OHL by using GZTACSR GAP conductor of the same cross-section area, weight and characteristics that will increase its rating to twice its present capacity.

2) **132kV D/C OHTL between Albirk 132KV S/S and Heredah 132KV S/S**

January 2024–Present

- installing a new 132kV double circuit overhead transmission line, three-phase, vertical configuration with two shield wires peak to establish a new 132kV D/C OHTL power and communication links between HEREDAH 132KV S/S and ALBIRK 132KV S/S using one conductor per phase.

Associated Technologies

- 1) **220 KV OHL & UG for Dhabeji S/S** *Dec 2020–Dec 2023*
 - The survey, Design, Engineering, Supply, Construction, Installation, Erection, Testing, Commissioning, Energization, and Handing over on a Turnkey basis of 220kV Overhead & Underground T/L for 220kV Dhabeji S/S

- 2) **500Kv T/L Guddu-Multan** *Dec 2021–April 2023*
 - 500kv Transmission Line In and Out Arrangement of 500 kV Guddu-Multan 3rd Circuit at Rahim Yar Khan 500 Substation

- 3) **132 KV T/L HESCO - from Larkana to Dadu** *Feb 2021–Nov 2022*
 - 132 KV Transmission Line HESCO - 08 from Larkana to Dadu

Internships

- 1) **Rachena Corporation** **Lahore, Pakistan**
Sales Intern *Mar 2020–April 2020*

- 2) **Millat Equipment Ltd** **Lahore, Pakistan**
Student Internship *Jul 2019–Jul 2019*

- 3) **1223 Combined Cycle Power Plant (Balloki)** **Pattoki, Pakistan**
Student Internship *Aug 2018–Sep 2018*