
ABDULAZIZ O. ALABDULWAHAB

ENERGY DISTRIBUTION ENGINEER

AlMajma'ah, Riyadh ♦ 0568800807 ♦ Aothmana1992@gmail.com

PROFESSIONAL SUMMARY

Experienced Energy Distribution Engineer with expertise in planning, supervising, and optimizing electrical networks. Combining technical skills and academic background to deliver sustainable energy solutions and lead projects efficiently.

EDUCATION

Master's: Renewable Energy Engineering, 01/2026
Majma'ah University

Bachelor: Electrical Engineering, 01/2015
Majma'ah University

WORK HISTORY

Electric Vehicle Technology Organisation, 01/2026 - Current
Founding Member

Energy Distribution Engineer (A), 2022 - Current
Saudi Electricity Company

- Providing technical support to key clients and ensuring their specific needs are met.
- Collaborating with multidisciplinary teams, including civil and mechanical engineers, to ensure project success.
- Supervising network projects and conversions.
- Overseeing major subscriber feeding projects.
- Contributing to the design of electrical substations to ensure efficiency and capacity.
- Evaluating proposed projects for network development, such as adding new lines or expanding existing substations.
- Leading change management initiatives to successfully implement new procedures and technologies.
- Communicating with relevant authorities to approve projects and related pathways.
- Supervising contractors and monitoring their work to improve quality.
- Training employees on network planning

Energy Distribution Engineer, 2015 - 2021
Saudi Electricity Company

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- Supervising contractors and monitoring their work to improve quality.
- Planning medium and low voltage electrical networks.
- Analyzing and distributing electrical loads to ensure network balance and prevent outages.
- Using data analytics to identify weak points and improve power distribution efficiency.
- Conducting feasibility studies for network expansion or upgrades, including cost-benefit analysis.
- Ensuring compliance with national and international electrical standards for safety and quality.
- Preparing performance reports highlighting network efficiency and fault rates.
- Writing reports on various topics related to network planning, efficiency, and optimization.

SKILLS

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| • Microsoft Office | • GIS Software |
| • MATLAB | • Creativity in engineering solutions |
| • Leadership, and mentorship | • Adaptability |