

M. AMEER HAMZA

Electrical Power & Energy Systems Engineer

- Motivated hard-working Electrical Power and Energy Systems Engineer with broad foundation in renewable energy systems principles.
- Complete and advanced understanding of academic, residential, commercial Solar Photovoltaic, Concentrated Solar Systems, Wind Energy, Energy Management and Audit projects.



EXPERTISE SKILL

- Design and Modelling of Energy Systems using SAM, RETscreen, PVSyst, HomerPro.
- Residential and Commercial Solar PV Systems Design
- Sketches, specifications and drawings
- Engineering plan preparation
- Feasibility and Pre-Feasibility Studies and analyses of Renewable Energy Systems.
- Techno-economic analysis of Renewable Energy Systems.
- Evaluate the economic viability of new solar power installations and assess the environmental impact of alternative energy systems.
- Data Science, Analysis, Visualisation with Python.

Contact Me



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H-13/3, ISLAMABAD,
PAKISTAN.

EDUCATION

- **NATIONAL UNIVERSITY OF SCIENCES AND TECHNOLOGY, ISLAMABAD.**

Masters of Science in Energy Systems Engineering
2021-2023.

- **UNIVERSITY OF ENGINEERING AND TECHNOLOGY, PESHAWAR**

Bachelors of Science in Electrical (Power) Engineering
2016-2020.

Work Experience

- **ELECTRICAL ENGINEERING INTERN - WARSAK DAM, PESHAWAR. 2020-11 - 2020-12**

- Learned about selection of complete hardware and design.
- Learnt to read and interpret blueprints, technical drawings, schematics, and computer-generated reports.
- Learnt various government and corporate safety policies and regulations.