HAFIZ MUHAMMAD DANISH UDDIN

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OBJECTIVE To work for an organization that appreciates creative and hard work where I can impart the best of my potential and make optimal use of my learning skills, and have a hand in achieving the organization goals.

EXPERIENCE

POWER HOUSE INCHARGE 4.5MW – PAKISTAN REFINERY LTD.

ENERGY SOLUTIONS Pvt. Ltd, Karachi JULY 2021 -- Present

Energy Solutions Pvt Ltd (ESL) is one of the leading Diesel Generators and Gas Generators distributor in Pakistan.

PROJECT:

Deputed in **Pakistan Refinery Ltd**. as Power House Incharge.

JOB RESPONSIBILITIES:

- Run smooth operation without power interruption.
- Coordination with PRL's Engineers to increase the generation.
- Schedule the Preventive Maintenance for generators.

ELECTRICAL DESIGN ENGINEER - ETAP

ARSON ENGINEERING, Karachi JAN 2021 – JULY 2021

ARSON Engineering is the Authorized Service Partner of M/s. Schneider Electric in Pakistan.
In addition to this we are authorized reseller and system integrator of ETAP in Pakistan.

JOB RESPONSIBILITIES:

- Network study of Electrical Power System.
- Short circuit analysis of Power System.
- Protection Coordination.
- Designing & Verification of Control Schematic.

PROJECTS:

- Load flow & short circuit analysis of 4.4 MW On-Grid Solar System of Amreli Steels.
- Load flow & short circuit of HT and MV side at PRL (Pakistan Refinery Limited).
- Load flow, short circuit & relay coordination of HT side at ZRK Group.
- Designing & Verification of Control Schematic of MANGLA Power Station 220kV Switchyard.

INTERNSHIPS:

R.A ENGINEERING JUNE 2020 – JULY 2020

- Synchronizing the Panel with Gensets and Utility Using COMAP.
- Assembling of Relay Card.
- Production of Low Voltage Switchgears.
- Scheme Philosophies.

SIEMENS PAKISTAN MAY 2019 – JUNE 2019

- Testing of Low and Medium Voltage Switchgears.

EDUCATION

- **BE IN ELECTRICAL ENGINEERING (POWER)** from **NED University of Engineering and Technology** **(2016 – 2020)**
- **Higher Secondary School Certificate** from **Govt. Dehli College** **(2014 – 2016)**

SOFTWARE SKILLS

- Etap
- AutoCAD
- MS-Office
- MS-Projects
- PVsyst
- SketchUP

PROJECTS

Final Year Project – 4.4 MW Solar Power Plant:

- Designing of 4.4 MW Solar Power generation plant for a private firm in Karachi.
- Acquisition of data and selection of optimal technology for an efficient and cost-effective system.

IoT based Over Current Relay:

- Designed an Over Current protection relay which can be accessed via the cloud.

TECHNICAL SKILLS

- Knowledge of PLCs and VFDs.
- Strong analytical skills and ability to perform as a leader.
- Analysis of Power System.
- Analyze and draw SLD.
- Strong verbal and written communication.