

ELVIN DSILVA

ELECTRICAL ENGINEER



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Three+ year's experience as a Power System Engineer I am adept in High Voltage Transmission Network Planning, studies, protection coordination and regulatory compliance. Moreover while my on - the - job experience has afforded me a well - rounded skill set including first - rate critical and analytical thinking skills I excel at : Power Systems Planning , Operations analysis , Equipment selection.



Skills

● Load Flow Analysis	●●●●●○	Very Good
● Short Circuit Analysis	●●●●●○	Very Good
● Dynamic Stability	●●●●○●	Good
● Modeling	●●●●○●	Good
● Protection Studies	●●●●○●	Very Good
● Time management	●●●●○●	Good
● Planning	●●●●○●	Good
● Knowledge of machines and tools	●●●●○●	Good
● Supervision	●●●●○●	Good



Work History

● Electrical Engineer

KSEB 220 KV Substation Kaloor, Kerala

Performed complex technical analysis (Load flow, ShortCircuit, Stability and Deliverability) and prepared report for a variety of electric transmission expansion and interconnection studies including large portfolios of Solar Coal and HVDC systems

- Monitoring the performance of equipment's such as transformer, reactor, capacitor bank and other device used to distribute power across and network.

2019-10 - Current

- Maintaining records of work activities, including work orders, and helping the development.
- Maintained Optimum Power Flow Model (OPF) model for determining the best operating levels for electric power plants in order to meet demands given throughout a transmission network.
- Monitoring equipment performance, such as voltage level, current flow, and temperature level, to ensure they are within safe and operating range.
- Operating devices such as isolators, circuit breaker, relay, and transformer to control the flow of electricity through power lines.
- Performed Feasibility Studies along with long term transmission planning studies to determine the capabilities of the bulk electric transmission system
- Performed Insulation coordination and switching Studies to determine the withstand capabilities of the electric transmission equipment.
- Performing detailed transformer inspection by taking readings of gas Temperature, bushings inspection, oil leak etc.
- Issuing Non-Back feeding certificate, permit to work.



Education

- BE in Electrical and Electronics Engineering *cgpa- 6.12*
Anna University, TamilNadu



Languages

- English
- Malayalam
- Tamil

2016-08 -2020-02