

About Us

SAQIB ENGINEERING

provides network design and power system studies for UK transmission and distribution, from 11kV to 400kV. Our expertise covers power flow, fault analysis, reactive power, harmonics, and equipment sizing, ensuring networks are safe, reliable, and future-ready.

We work to National Grid, SPEN, UKPN, ENA TS, and BS/IEC standards, delivering designs that meet the highest compliance and performance.

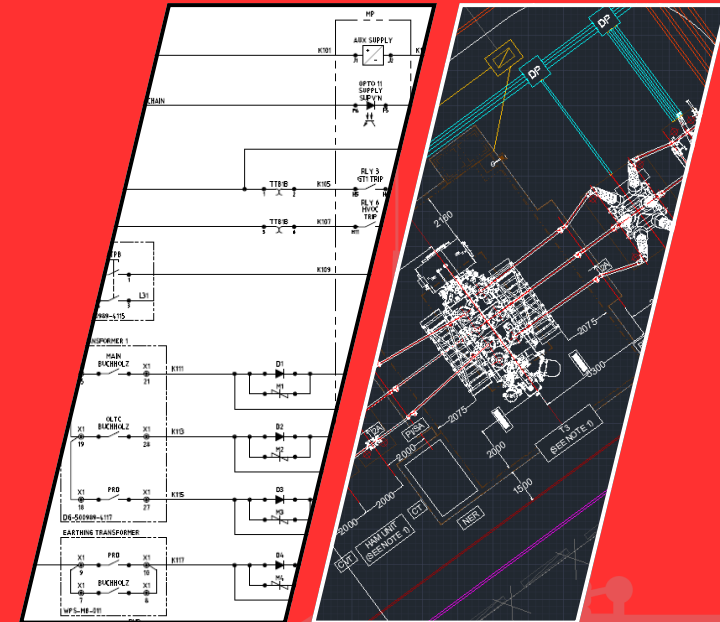
Our Services

Network Design:

Power System Studies – Steady-state and dynamic analysis for HV reliability.

- Load Flow Studies – Voltage profile, thermal loading, optimisation.
- Reactive Power & Voltage Control – Power factor correction, compensation, stability.
- Short-Circuit & Fault Analysis – Fault calculations and containment.
- Harmonic Studies – Assessing distortion, resonance, and filtering.
- Protection Coordination – Relay grading for selective tripping, minimal disruption.
- CT/VT Sizing – Ratings for accuracy and safety.
- Cable Sizing & Rating – Thermal, voltage drop, fault current for HV/LV.
- Battery & Charger Sizing – DC design for control, protection, black-start.
- Grid Compliance Studies – Alignment with UK utility requirements.

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