

ONGC, Uran - Electrical System Study

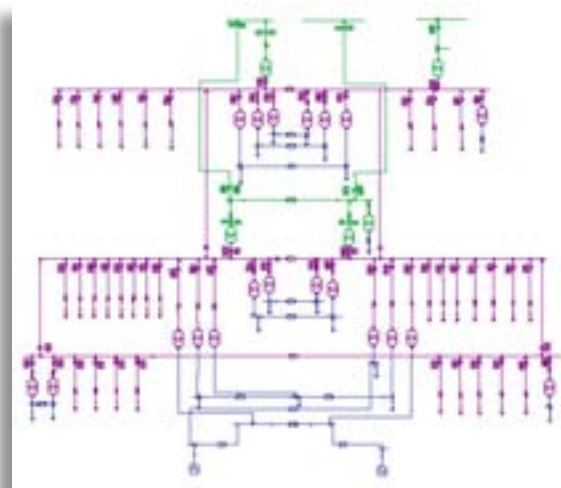
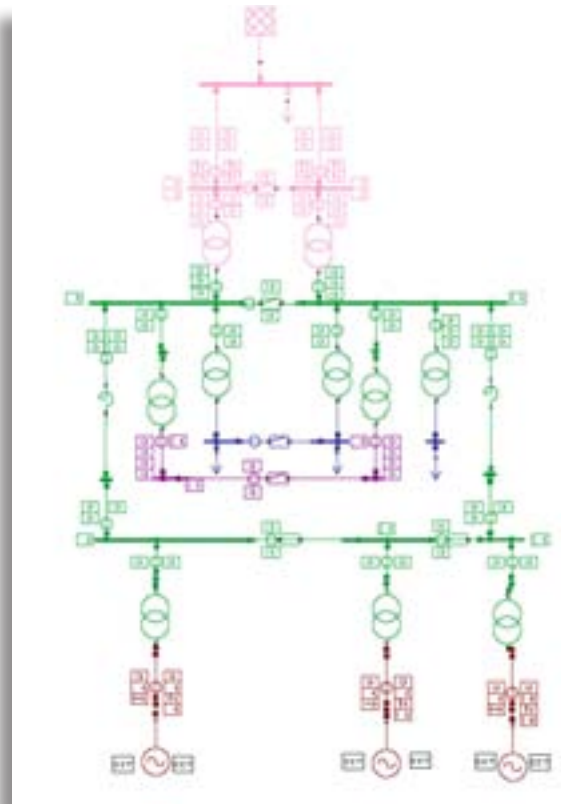
Load flow and short circuit study, protection coordination, and start up of large motors

Customer Benefits

- Emergency starting of large motors (10MW) without grid support
- Improved protection system
- Preparation of islanding scheme
- Sizing of Harmonic Filters

ABB Solution

- Load flow, short circuit study
- Transient and harmonic analysis
- Relay co-ordination
- Islanding & load shedding and logic design
- Start of large motor by altering operation sequence without additional investments
- Study done in 2005



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