

## **Electricity Distribution System**

- ◆ Optimise the tariff structure with utility supplier
- ◆ Schedule your operations to maintain a high load factor
- ◆ Shift loads to off-peak times if possible.
- ◆ Minimise maximum demand by tripping loads through a demand controller
- ◆ Stagger start-up times for equipment with large starting currents to minimize load peaking.
- ◆ Use standby electric generation equipment for on-peak high load periods.
- ◆ Correct power factor to at least 0.90 under rated load conditions.
- ◆ Relocate transformers close to main loads.
- ◆ Set transformer taps to optimum settings.
- ◆ Disconnect primary power to transformers that do not serve any active loads
- ◆ Consider on-site electric generation or cogeneration.
- ◆ Export power to grid if you have any surplus in your captive generation
- ◆ Check utility electric meter with your own meter.
- ◆ Shut off unnecessary computers, printers, and copiers at night.