

POWER SYSTEMS



❖ Audits of existing systems

- Load flow
- Power factor
- Harmonic distortions

❖ Existing systems operation improvement

- Power factor correction
- Power quality
- Protection devices coordination
- Reduction of power demand through load leveling

❖ Existing systems upgrades

- Budget studies
- Study of the effects of the added load
- Short circuit and load flow study
- New equipment specifications
- Metering, relaying and data acquisition systems
- Detailed design
- Installation Engineering
 - Substations, Electrical rooms, Power distribution
 - Low, Medium and High Voltage systems
- Turnkey Installations