

# SCADA for KPTCL

One of the largest SCADA implementations in the world

Karnataka Power Transmission Corporation Ltd. delivers power to over 60 million people. ABB's network management solution integrates the state's power transmission and distribution systems, ensuring accurate and real-time information on power supply.

—  
Bengaluru, Karnataka,  
India



---

# SCADA for KPTCL

One of the largest SCADA implementations in the world

**Customer** : Karnataka Power Transmission Corporation Limited (KPTCL)

**Location** : Bengaluru, Karnataka, India

**Industry** : Power Distribution

## Customer need

- **Common integrated solution** to cater to Karnataka's entire network
- **1,300+ stations** of transmission and distribution companies to be covered
- Services such as **energy auditing, energy billing and availability based tariff** to meet regulator's requirement

## ABB's solution

- Integrates **supervisory control and data acquisition** with energy management and distribution management systems
- 16 Control Centers, 1,370 Remote Terminal Units
- **Satellite (VSAT)** and leased line communication
- **Integrated energy audit and energy billing solution** for calculating transmission losses and generating transmission billing