Delivering power to you – safely, reliably

1. Power generation

- **Power plant**
  Generating electricity to meet demand.

- **Step-up transformer**
  Stepping up the generated electricity to high voltage (HV) to be able to move long distances.

2. Power transmission

- **Gas-insulated switchgear (GIS)**
  Combination of electrical disconnect switches, and circuit breakers used to control, protect and isolate electrical equipment.

- **Step-down transformer**
  Transformation to lower high voltage level.

3. Power distribution

- **Step-down transformer**
  Transformation to medium and low-voltage level as it is delivered to end users.

- **Gas-insulated transmission lines**
  Medium-voltage (MV)

- **Underground distribution lines**
  Low-voltage (LV)

- **Overhead transmission lines**
  Industrial consumers

- **Gas-insulated transmission lines**
  High-voltage sub-transmission level (HV)

- **Air-insulated switchgear (AIS)**
  Combination of electrical disconnect switches, and circuit breakers used to control, protect and isolate electrical equipment.

- **Overhead transmission lines**
  Residential consumers

- **Underground distribution lines**
  Low-voltage (LV)

- **Overhead transmission lines**
  Industrial consumers