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.

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