

High Voltage Transmission Equipment

Achievement of higher reliability,
low maintenance and environmental friendliness

Case
1

Low Maintenance 420kV GCB Operating Mechanism

- Application of spring type operating mechanism
- No oil leakage

Case
2

Eco-friendly and Safe Transformer

Application of Ester-filled Transformer

- Biodegradability
- Less-flammability

Case
3

Retrofit Works with Updated Equipment

Retrofit works incorporating equipment with the latest technology to replace aged equipment.



Case
4

Effective Power Flow of Transmission Line

Application of Phase Shifting Transformer

- To prevent the transmission line from overloading under line fault
- To optimize transmission losses in the overall system

Case
5

Fast Installation of Equipment at Site

Highly integrated transportation unit by miniaturization and weight reduction to realize fast site assembly works.



Case
6

Fast Track Project Program

Toshiba capability to build and commission EHV substations in short track period.