Reference for Autotransformer

Customer
- American Electric Power, USA

Destination
- Kammer & Amos Substation
- 3 units delivered 2015 & 2018

Rating
- 750 MVA, single-phase AUT
- 746/√3 // 345/√3 // 34.5 kV

Key Features
- Geomagnetically induced current (GIC) capability
- Supplied with a monitoring system which includes bushing health monitoring, on line dissolved gas monitoring, UHF based partial discharge monitoring and fibre optic probes for direct temperature measurement
- Since 1977 more than 150 transformers and shunt reactors have been delivered to various AEP substations
Reference for Autotransformer

Autotransformer

Customer
- Center Point, USA

Destination
- TH Wharton and other substations
- 3 units delivered 2018 and 1 further unit under manufacturing

Rating
- 800 MVA AUT
- 345 kV

Key Features
- Supplied with a monitoring system
Reference for Autotransformer

Customer
- Georgia Power Company, USA

Destination
- Mobile units
- 2 units delivered 2018

Rating
- 35 MVA AUT
- 230 kV

Key Features
- Extremely low weight
- Dimensional limitations

Since nearly 20 years we delivered much more than 100 transformers and shunt reactors to Georgia Power Company substations and power plants. 10 further units are under manufacturing.
Reference for Autotransformer

**Autotransformer**

**Customer**
- Consolidated Edison of New York, USA

**Destination**
- Astoria Substation
- 4 units have been delivered since 2015 and further 1 in order

**Rating**
- 300 MVA, three-phase AUT
- 345 kV

**Key Features**
- Plugin Bushings
- Midel fluid
- Low noise design
- GIC
Reference for Autotransformer

Autotransformer

Customer
- TenneT TSO B.V., Netherlands

Destination
- Landstation Borssele
- Delivery 2018 (4 units)

Rating
- 400 MVA AUT
- 380 kV

Key Features
- Voltage regulation at HV-system
- Lightning impulse test with positive polarity
- Aggressive environment (near shore location)
- Earthquake requirement
Reference for Autotransformer

Autotransformer

Customer
- National Grid, UK

Destination
- Tilbury SGT and other substations
- 44 units Delivery 2006 - 2018

Rating
- 240 MVA, three-phase AUT
- 403/132/14 kV

Key Features
- 100% first pass yield
Reference for Autotransformer

Customer
- National Grid, UK

Destination
- Highbury – London Inner City
- Delivery 2015 (3 units)

Rating
- 240 MVA, three-phase AUT
- 403/132/14 kV

Key Features
- Esther filled
Reference for Autotransformer

Autotransformer

Customer
- Pacific Gas and Electric, USA

Destination
- Gates, Table Mountain and other substations
- 22 units since 2002, 7 under manufacturing

Rating
- 374 MVA, three-phase AUT
- 525 kV

Key Features
- Two DETC’s with voltage regulation on HV and LV sides
- High seismic qualification level (IEEE 693)