Reference for Distribution Transformer

Customer
- Georgia Power, USA

Destination
- Forest Park, Georgia, USA

Rating
- 3.5MVA 3-Phase, 60Hz, ONAN
- 45kV/480V

Key Features
- Low maintenance
- Plug & play solution - Supplied fully assembled filled with oil
- Compact corrugated tank design and Hermetically sealed
- High corrosion protection
- Optimized winding design with many years of experience
Reference for Distribution Transformer

Auxiliary power transformer

Customer
- Atlantic Projects Company

Project Location
- Spalding, Lincolnshire - UK

Rating
- 9,0 MVA
- Ratio 20,000 V / 6,900 V

Key Features
- ONAN cooling, flat tank with radiators
- Patented IPB connection via plug connectors
- Multisense 9 (Siemens gas sensor DGA – Online monitoring)
- Voltage free adjustability from ground
- Infinite grid short circuit power
- Converter duty
Reference for Distribution Transformer

Transformer for wind turbines

Customer
- Siemens Gamesa Renewable Energy

Destination
- Offshore Wind Parks
- Prototype successfully tested in 2017

Rating
- 8.8 MVA
- Ratio 33,000 / 690 V

Key Features
- Offshore application
- Siemens Gamesa SWT 8.0 154
- KFWF Cooling
- Installation inside the wind turbine
- Approved for vibrations
- Open system with dehydrating breather
Reference for Distribution Transformer

Autotransformer for railway electrification system

Customer
- Siemens Mobility / Banedanmark

Destination
- Denmark
- Delivery 2016, 2 units

Rating
- 8 MVA, 1 phase
- Ratio 55,000 V / 27,500 V

Key Features
- Autotransformer
- Low short circuit impedance
- Succeeded short circuit test
- High overload capability
- Elaborate core and winding system
- Active winding support
Reference for Distribution Transformer

Converter transformer

Destination
- Peru
- Delivery 2015, 1 unit

Rating
- 13.6 MVA
- Übersetzung 33,000 V / 2,400 V

Key Features
- ONAN Cooling, Flat tank with radiators
- Double-tier-transformer, Dd0y5
- HV- Insulation level LI200 AC70
- 4200 m above Sealevel
- Converter duty
- Service in one of the biggest copper-mines in the world
Reference for Distribution Transformer

Converter transformer

Destination
- United Arab Emirates
- Delivery 2017, 3 units

Rating
- 11 MVA (4 x 2.75 MVA)
- Ratio 11,000 V / 1,840 V

Key Features
- ONAN cooling, flat tank with radiators
- Double-double-tier, D(±7,5)y5d0, 24 pulse
- 2 active parts in one transformer-tank
- 55 °C ambient temperature
- Supply voltage and frequency variations
- Converter duty
- Heaviest and largest unit manufactured by STW DT
Converter transformer

**Destination**
- Mexico
- Delivery 2016, 8 units

**Rating**
- 11.8 MVA (ONAN) / 13 MVA (ONAF)
- Ratio 13,200 V / 2 x 1,350 V

**Key Features**
- ONAN/ONAF cooling, flat tank with radiators
- CTC - Winding
- Double-tier-transformer, D(+7,5)y5d0 D(-7,5)y5d0, 24 Pulse
- 45 °C ambient temperature
- 2,000 m above Sea level
- Converter duty
- Asymmetric DC-burden caused by ignition pulses of the converter