

## Sampling of important references

### Drives for power supplier and waterworks

Technical design: Frequency converter with current link (CSI)  
Frequency converter with voltage link (VSI)  
Thyristor converter (DCC)

#### 2010

Cavern storage Staßfurt/ Germany	1 piece	Compressor drives for gasholder (medium voltage drive) power: 5.200 kW
Power plant Wilhelmshaven / Germany	2 pieces	Drives for mill air fan (medium voltage drive) power: 2.2000 kW
Vattenfall HKW Mitte/ Germany	2 pieces	Modernization of the slave cooling water pumps for the pressure increase of the pumps power: 90 kW
Power plant Jänschwalde/ Germany	20 pieces	Conveyer drive for coal metering hopper for generating unit A with frequency converter 400 V power: 12 x 13,6 kW; 8 x 6,6 kW

#### 2009

Water works Tiefenwerder / Germany	2 pieces	Replacement of the starter by a contactor control for a clear water pump 6 und 9
Vattenfall HKW Mitte/ Germany	2 pieces	Retrofitting from uncontrolled to controlled drives for slave cooling water pumps power: 500 kW
Trianel 4/ Germany	1 piece	Compressor drives for gasholder (medium voltage drive) power: 7.800 kW
Power plant Maasvlake / Netherlands	2 pieces	Drives for mill air fan (medium voltage drive) power: 2.2000 kW
Power plant Gent / Belgium	2 pieces	Drives for air volume fan (medium voltage drive) power: 2.3000 kW
Power plant Datteln / Germany	2 pieces	Drives for mill air fan (medium voltage drive) power: 2.2000 kW
Bayerngas GmbH / Germany	1 piece	for compressor plant power: 1000 kW

#### 2008

Water works Tegel / Germany	1 piece	Starting rheostat cubicle for clear water pump power: 1000 kW
Water works Kladow/ Germany	1 piece	Replacement of the starter by a contactor control for a clear water pump
Water works Tegel / Germany	1 piece	Renovation of the starter and the starting resistance for the clear water pump

		power: 1000 kW
BMHKW Wittenberg-Piesteritz / Germany	6 pieces	Drives for ID fan, feeding pumps and fans power: 600, 605 und 126 kW
EVE Premnitz / Germany	3 pieces	Drives for main condensate pumps for combustion on alternate fuel power: 7,5 kW
<b>2007</b>		
AVR Rotterdam / Netherlands	2 pieces	Multi-motor drives for recycling of waste plant power: 1335 und 1497 kW
EVZA Staßfurt / Germany	6 pieces	Drives for induced draft, primary- and secondary air fan power: 710 kW
Trianel / Germany	3 pieces	Compressor drives for gasholder (medium voltage drive) power: 3270 kW
RABA Thüringen / Germany	4 pieces	Drives for feed-water pump and fans power: 710 kW, 355 kW, 250 kW, 200 kW
<b>2006</b>		
Power plant Jänschwalde Vattenfall Europe/ Germany	4 pieces	Drives for air preheater for boiler purification A power: 2 x 7,5 kW
Hessenwasser / Germany	1 piece	Subsynchronous converter cascade for pump drive power: 2 MW
Power plant Jänschwalde / Germany	12 pieces	Conveyer drive for coal metering hopper for generating unit F with frequency converter 400 V, Power: 8 x 7.5 kW; 15 x 15 kW
IC Enel Mosenergo / Russia	1 piece	Pump drives power: 315 kW
<b>2005</b>		
Power plant Jänschwalde / Germany	4 pieces	Drives combination for boiler slag and ash for generating unit D, frequency converter 690 V / 10 and 26 A,
Power plant Boxberg / Germany	12 pieces	Conveyer drive for coal metering hopper for block N1 with converter 70 A
BMKW Bischofferode / Germany	4 pieces	Pump drive power: 1x 540 kW fan drives power: 3x 132 kW
<b>2004</b>		
Power plant Jänschwalde / Germany	12 pieces	Drives for boiler purification Band E frequency converter 690 V , power: 10 x 7,5 kW, 2 x 22 kW
APW Adlershof and Wedding/ Germany	6 pieces	Pump drives power: 75-200 kW

## 2003

Enel Mosenergo/Russia	3 pieces	Pump drives power: 400 kW
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## 2002

Berlin waterworks via Schulzendorfer Elektro / Germany	1 piece	Pump drive power: 315 kW
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Berlin waterworks via ABB Gebäudetechnik GmbH / Germany	5 pieces	Pump drives power: 4x 865 kW, 1x 585 kW
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Main pumping station Lichtenberg/Berlin via Schulzendorfer Elektro / Germany	2 pieces	Pump drives power: 1x 315 kW, 1x 250 kW
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Babcock Borsig Power/ power plant Jänschwalde Germany	12 pieces	Drives combination for boiler purification / de-ashes, frequency converter 10x 690V/10A, 2x 690V/26A
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## 2001

Erdgas Erdöl GmbH via BM-E/Neumann + Esser / Germany	1 piece	Compressor drive power: 2.600 kW
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Berlin waterworks via Schulzendorfer Elektro / Germany	4 pieces	Pump drives power: 450 kW
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