

EQUIPMENT LIST 03 2013

GAS TURBINES / GAS GEN SETS

all subject to prior sale

GT5554	(1) 1,5 MW el , KAWASAKI Typ M1A-13D, natural gas fired (or liquid fuel), 22.000 rpm, EGT 522°C, Generator 1950 kVA, 6,3 kV, 50 Hz
GT5649	(1) 1,4 MW el. Kawasaki M1A-13 CC, gas fired, EGT 518°C, WHRB HSAH81-00, 19 bar, additional firing Eclipse, fuel gas, 9 t/h, 138 °C, 35 t, Generator AVK,10 KV, yoc 1998
GT5660	(4) 1,5 MW KAWASAKI(each) M1A-13A all containerized (2 x stationary, 2 x mobile) , fuel natural gas, Naphta, SKO, generator op1875 kVA, 3,33 kV, 50 Hz, yoc 1998
GT 5664	(4) 2,5 MW NIAGATA gas turbine NGT3A-S 6,6kV, generator CNT 2500 E, 1500 rpm, 50 Hz, yoc 2000
GT5598	(1) 2,2 MW KHD turbine package in enclosure, trailer mounted, TURCA. fuel diesel, EGT 610°C, 50 Hz, yoc 1980, in exc.condition. For rent.
GT5637	(1) 4 MW Solar CENTAUR 50 T 5701, natural gas fired, hours since overhaul 12.500, yoc 1995, Standardkessel steam 35 t/h/400°C/40 bar, generator 5.000 kVA/4000KW/6kV, package yoc 1989
GT5639	(1) 4MW, CENTAUR 5700 Gasturbine Package, since overhaul 5.000, 50 Hz, yoc 1990
GT5464	(1) 4 MW, Centaur 50, Type 5701, natural gas fired, 14.945 rpm, yoc 2004, generator Leroy-Somer, 50 Hz, 10,5 kV, 1.500 rpm, yoc 1992, fully overhauled in 2004
GT5670	(1) 4,5 MW, Centaur 50 T6201, 50 Hz, uprated from T5701 in 2006, yoc 1995
GT 5662	(1) 4,7 MW Taurus 60 GS, fuel Naphta, HSD, Kerosine, 15.000 rpm, WHRB 17 bar, 10t/h, alternator 415 V, yoc 1995
GT 5658	(2) 5,2 MW Solar Taurus 60 gas turbine (each), 15.000 rpm, Alternator GEC Alsthom 50Hz, 11kV, yoc 1994
GT5470	(1) 5,2 MW SOLAR TAURUS 60 T 7301 S, SOLONOX, gas fired, 14.950 rpm, 6,3 kV, 57 hours after o-overhaul in 2006, conserved, last test running May 2011, yoc 1999, steam boiler SKG-Standardkessel 16 bar, 230°C, yoc 1999, generator 6.600 KVA, 6,3 k
GT5645	(3) 5,7 MW Solar TAURUS 60S, natural gas fired, Alstom steam generator 1.900KW, yoc 2005
GT5659	(1) 7,9 MW Ruston Tornado fuel gas, yoc 1983, Generator Siemens 7800 kVA, 50 Hz, yoc 1981
GT5622	(1) 21 MW Gas Turbine ABB GT10, natural gas/Diesel Oil MK 10 fired, EGT 534°C, WHRB, 110 bar/533°C, 59 t/h, 54 MW heat power, yoc 1992
GT5601	(4) 24 MW General Electric MS5001/N, natural gas fired, 5121 rpm, 50 Hz yoc 1974-1977, boroscopy made, VERY URGENT !!!
GT5655	(2) 38 MW Westinghouse TG20.B7/8 containerized, natural gas fired, alternator Jeumont, 47,5MVA/50Hz, yoc 1990
GT5581-1	(1) 49 MW BBC GT 8, fuel gas, EGT 523°C, generator ABB WY16L, 10 kV, 69 MWel, rpm 3000, yoc 1986
GT5643-1	(1) 54 MW Gas turbine ABB GT8C 54 Mwel, Steam HP turbine Siemens G500, 12 Mwel LP turbine ABB VAX, yoc 1995 VERY URGENT !!!
GT5573	(1) 70 Mwe BBC 13C gas turbine, natural gas, light fuel oil or mixed fired, yoc 1974, injection-system yoc 1998, Generator 10,5 kV, 50 Hz, 3000 rpm, HRB 150t/h ,51 bar, 470°C, the generated steam can be worked off in a 40Mwel steam turbine, sold sepearatly
GT5570	(1-2) 128 MW Siemens Westinghouse W701D (Fiat Avio), dual fuel: natural gas or distillate oil, Generator ABB 50WT 18H-66, 140 MVA at 44°C, 15 kV, 3,000 rpm, yoc 1995/98

STEAM TURBINES

ST 5667	(1) 700kW (or 1,7 MW), AEG-Kanis, backpressure, 11.942 rpm, 24,5 bar/360 °C, b.p. 4,0 bar, generator Siemens-Schuckert, 500 V, 50 Hz, yoc 1977
ST 5667	(1) 1,7 MW (or 700 kW), AEG-Kanis, backpressure, 11.942 rpm, 75,5 bar/500 °C, backpressure 23,5 bar, generator Siemens-Schuckert, 500 V, 50 Hz, yoc 1977
ST 5641	(1) 3,2 MW BBC M7464, backpressure 9.000 rpm, 85bar/525 °C, b.p. 2,0 bar, generator WR64K, 5,15 MVA, 6,3kV, 1.500 rpm, 50 Hz, yoc 1963
ST 5606	(1) 4 MW Siemens, backpressure 10.000 rpm, 6,3 kV, b.p. 2,5 bar, yoc 1971, Generator ELIN 8,4 MVA, 6,3 kV, 3.000 rpm, 50 Hz, yoc 1968
ST 5585	(1) 4 MW MAN, Type EK, extr. cond., 10000/1500 rpm, main steam ca 60 bar/490°C, yoc 1961, Generator BBCWR64K, 5 MVA, 50 Hz, maintenance and service by OEM, yoc 1961
ST 5643-3	(1) 6 MWe Steam LP turbine cond. ABB VAX LT-10c/w, 3,4bar, 160°C, yoc 1995
ST 5547	8 MW BBC extr. cond. yoc 1977, 40 bar, 390°C, 6,4 kV, urgent, in dismantling.
ST 5605	(1) 9,5 MW Siemens, 10.000/1.500 rpm, 10,5 kV, 64bar/480°C, yoc 1982, Alternator Smit DG-165/135 10,5 kV, reerection 1990
ST 5643-2	(1) 12 MWe Steam HP back pressure turbine Siemens G500/2c/w, 68bar, 489°C, 50 Hz, yoc 1966
ST 5610	(1) 12 MW Siemens T 5147, back pressure, 6500 rpm, 81 bar/490 °C, 80 t/h, generator 1500 rpm, 50 Hz, yoc 1971
ST 5599	(1) 12,8 MW Siemens, 3.000 rpm, steam flow 62,5 t/h, max 40 bar, Condenser Siemens-Schuckert, Generator Siemens 10 MW, 6,3kV, 50Hz, yoc 1949
ST 5608	(1) 13 MW Franco Tosi, 47 bar, 410 °C, extraction condensing, Generator 15 MVA, 3.000 rpm, 50 Hz
ST 5551	(2) 17 MW 2 x AEG Kanis, 150t/h, 57bar/440°C, 1.500 rpm, 6,3kV, 50Hz, yoc 1972
ST 5581-2	(1) 21 MWel ABB steam turbine 2DGHHZ-9048, condensing, 3000 rpm, 10,5 kV, 48 bar, yoc 1986
ST5618	(1) 24 MW nominal GEC Parson Condensing Steam Turbo Generator Set, 3000 rpm, 11kV, 61bar/482°C, yoc 1965/66
ST 5661	(1) 33 MW, Da Laval Stork YJ-MVSS-JC-12R5R, extr.cond., 0-hrs ovhl 1999, 60 op. hrs after ovhl, 150 t/h, 91bar/530°C, alternator ASEA GTG 1200, yoc 1975
ST5548	(1) 66 MW BBC DT5, condensing steam turbine, 3000 rpm, 10 kV, 240t/h, 89 bar/525°C. Generator 75 MVA, 230V, 1300A, 50Hz, - 20 MWth.

BOILERS

B5541	16 t/h, 3-pass high pressure saturated steam boilers ULS-16000, LOOS Typ, heat power max 12 MW, burner SAACKE, natural gas fired, 15bar/200°C, 35 t, yoc 1994
B5553	22 t/h, W.UDE UMAG, smoke tube, saturated steam, 25 bar/225 °C, yoc 1989/1993
B5584	23t/h, 20bar Standardkessel tube boiler, saturated steam boiler, yoc 1996
B5589	2,5 MWth MAWERA, Hot Water, wood chip fired, 120°C/6 bar, 18 t (w/o stones), yoc 1998 2,9 MWth, Babcock Omnical 15 PG 290, dual fuel fired, 120°C/6 bar, 6,5 t, yoc 1993 1,25 MWth, Babcock Omnical 16PG125, dual fuel fired, 120°C/6 bar, 3 t, yoc 1995
B5656	(2) 3,0 MW boiler LOOS UNIMAT UT4150, hot water, 6 bar/100 °C, 3.300 ltr, yoc 1995
B5580	3 MW hot water, straw fired, 9 MWth/y, 2400 t/y straw, max. 6bar/120 °C
B5657	9 MW Standardkessel HW 0101-62, hot water, burner ELCO KLÖCKNER RPD 50 GLRUY, fuel HEL/ gas, fuel HEL/ gas, 13 bar, yoc 1995
B5638	20 MW Smoke tube, LOOS type ZFR-H, hot water, 11 bar/187 °C, yoc 1996
B5537	30t/h, Standardkessel, waste heat + natural gas fired, saturated steam boiler, max. 215 °C/20 bar, yoc 1999

GENERATORS

GE5669	(4) 450 kW Scania BSS56 diesel fired, 1500 rpm, 400V, 50 Hz, yoc 2011
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GE5651	(4) 480kW Jenbacher JW 216 GS, 480 KW/564 KVA each, 50 Hz, 1.500 rpm, yoc 1989
GE5628	(1) 500 kW Deutz MWM gas motor, TBG 620 V16, yoc 1994, generator Stamford, 1 MW thermic, 400 V
GE5642A	(1) 834 kW Jenbacher JMS 316 GS-C25 Biogas, 400/231 V, 50 Hz
GE5665	(8) 1 MW containerized gensets model 12V4000G21R, each engine MTU, Fuel diesel, 50Hz, 400/230V, yoc 2010
GE5650	(1) 1 MW Jenbacher JGS320, natural gas fired, alternator STAMFORD, 1500 RPM, 50 Hz, yoc 1998
GE5666	(3) 1.6 MW Mitsubishi S16R -RTAA2, mobile, Diesel engines, 2000 kVA, 1.500 rpm, 400V, 50Hz, yoc 2011
GE5552	(7) 2,1 MW WARTSILA 12V220SG, alternator Leroy Somer LSA 54M7 4P, 1500 rpm, 400 V, yoc 1998/1999
GE5642B	(1) 2,54 SEMT Pielstick gas + Diesel motor, generator DJDB 160 ik/12, 3,2 MVA, 6,3kV, 50 Hz
GE5592	(2) 2,5 MW 2 x MBH 6 VDG 42/48, 630 rpm, fuel use 558 Nm ³ /h, generator 2,8 MVA, 500 rpm, 6,3kV, 50Hz, yoc 1997
GE 5507	(2) 5,2 MW MBH 12 VDS 48/42 AL, 500 rpm, dual fuel fired , possible HFO, 50 Hz, yoc 1994
GE5647	(1) 6,5 MW Caterpillar G16CM34, yoc 2005, natural gas fired, generator Leroy Somer, 6,3 MVA, 11kV, 50 Hz, yoc 2005
GE5633	(1) 13,8 MW MAN B&W 7K60MC-S, Diesel engine, generator DOLMEL, 16,8 MVA, 11kV, 50 Hz, 150 rpm

COMPLETE POWER PLANTS

PP5600	1,7 MW ORC biomass heating plant, fuel: wood, paper, plastic residues, yoc 2008
PP5652	2,3 MW ORC biomass plant, heat exchanger ALFA-LAVAL TM 20-BFF, 23,8bar/340°C, generator TURBODEN, ABB AMA 500L2DBSM, yoc 2009, ORC Turbo, generator T2000-CHP, 2.3 MW, 3.014 rpm, yoc 2006
PP5558	3 MW biomass power plant, Steam Turbine KKK, 60 bar/480°C, rpm 1.500, yoc 2009
PP5583	3 MW biomass plant fired with wood chips, Steam Turbine - Type KKK, twin turbine, 6,3 kV, 50 Hz, yoc 2009, 1.500 rpm, Steam pressure 41 bar / 1.7 bar Generator AVK Ingolstadt, 6,3kV to 20kV, 50 Hz, yoc 2001, Air Condenser max. 24,3t/h, yoc 2001
PP5598	3 MW KHD Turca, mobile gas turbine package, diesel fired, 50Hz, Siemens generator, 14.630 rpm, EGT 610°C, 10,5kV/20kV, yoc 1980, for rent.
PP5580	3 MW straw fired boiler, district heating 9 MWh/year, 2400 t/y straw consumption, max. 6 bar / max. temp. 120 °C
PP5595	3,4 MW el Biomass Plant, wood chips fired, 9.3 MWth, 2 x Steam generator with superheater and ECO, synchronous generator 6kV
PP5464	4 MW, Centaur 50, Type 5701, natural gas fired, 14.945 rpm, yoc 2004, generator Leroy-Somer, 10,5 kV, 1.500 rpm, yoc 1992, fully overhauled in 2004, transformer Siemens 50 Hz, High Voltage 20 kV, HRSG UMAG, 30 t/h, max. 32 bar
PP5619	5 MW Biomass plant , steam turbines KK&K Typ AFR, 1.500 rpm, 17,2 bar/ 270°C, steam turbine KK&K AFA, 1.500 rpm, 7,8bar/214°C, generator AEM, yoc 2006
PP5588	5 MW Woodfired Biomass Plant - 65.000 t/a, complete with all auxiliaries, 27 MWth boiler with 29 t/h, 34 bar, 432 °C, yoc 1991
PP5663	7 MW CHP plant , gas turbine Taurus 60, WHRB MIURA , 10 t/h, steam turbine Alsthom Mitsui CD 3.7, 18,6 bar / 345°C, 5 t, generator Shinko FSLK-AF-1100, 6,6kV, 50 Hz, 1500 rpm, yoc 2001
PP5488	9,2 MW CHP plant, 2 x gas Turbine Solar Centaur 50, 12,8 bar, yoc 2005 + 2008, WHRBoiler, steam turbine 1,8 MW, plant: yoc 1997
PP5581	69 MW Power plant, BBC GT8 Gas Turbine, EGT 523°C, 48,8MWel, SteamTurbineABB, 21 MWel, 3000rpm, 48 bar/471°C, HRSG HCG 50bar/475°C, Generator ABB GEC Alsthom 3000 rpm, 10,5 kV, Power transformer 10,5kV/155 kV, yoc 1986
PP5643	72 MW combined heat and power plant, Gas turbine ABB GT8C 54 MWel SteamHP turbine Siemens G500 12 MWel LP turbine ABB VAX, yoc 1995