

Captive Power Plant for sale

SIEMENS GAS TURBINES

Model : SGT600

Capacity : 9 x 24.5 MW

November 2023



SIEMENS GAS TURBINE PLANT

Gas Turbine Power Plant operated predominately on natural gas with standby diesel fuel. Can be converted to alternative fuels as heavy fuel oil . Depends on the demand and needs of the customer.

Phase I (5 units, commissioned on 2007)

Phase II (4 units commissioned on 2012)

- Easy shifting and relocation to any other location,
- Routine preventive maintenance was done for all units under OEM supervision,
- Speed 1,500 rpm, Generator Output 11 kV, Frequency 50 Hz
- Emission ISO Standard at 15% O₂
- Original Dry Low NOX (DLE) Combustion Chambers
- Inertial Filtration and Single Stage F9



SIEMENS GAS TURBINE

Model: SGT 600, Rated Capacity: 24.5 MW

Speed: 1500 RPM, Generator Output: 11 kV

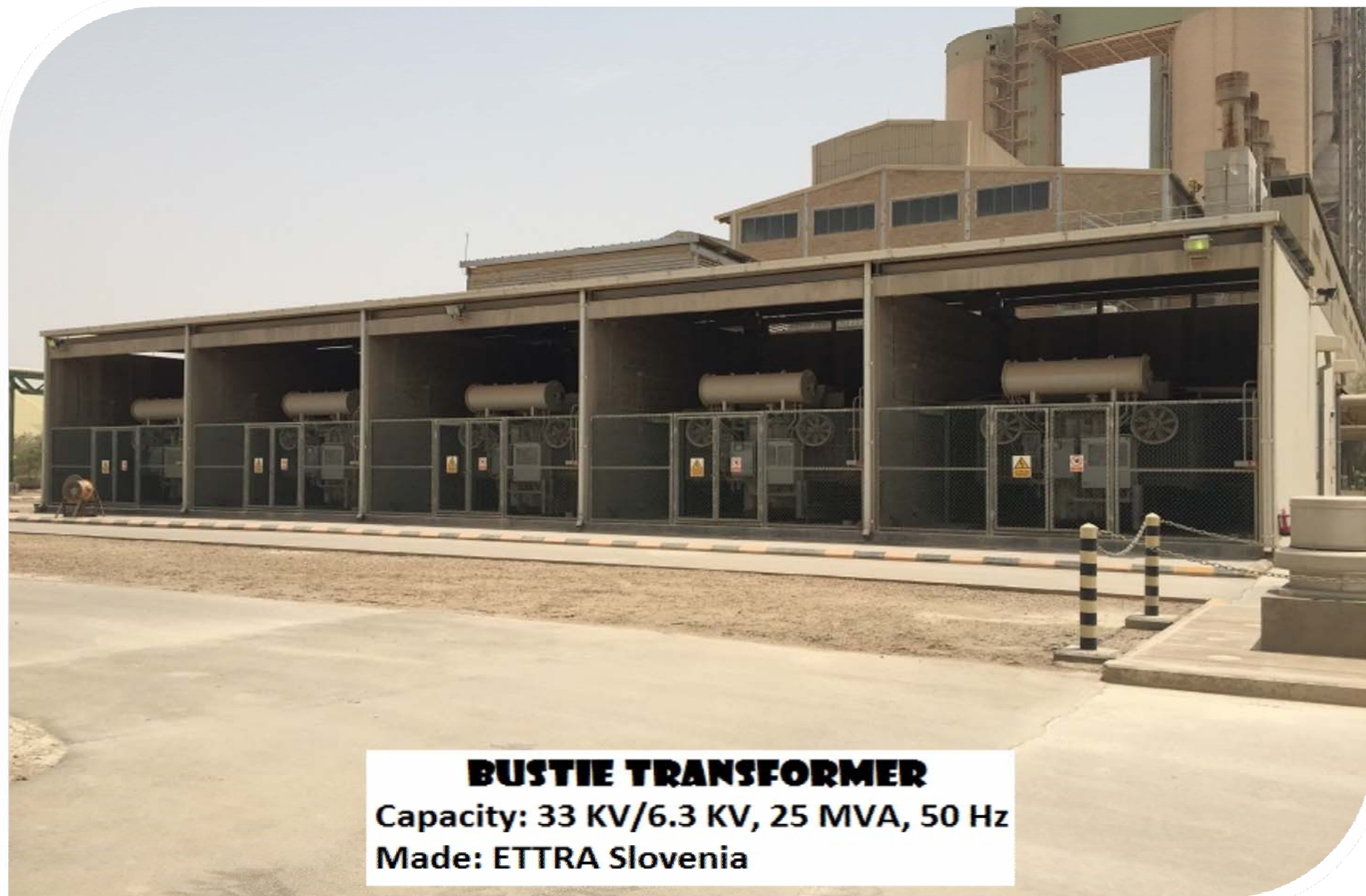
Frequency: 50 Hz



Model SGT600 Rated Capacity 24.5 MW (ISO), 11KV , 50 Hz.

NAME	RUNNING HOURS (RH)	Equivalent Operating Hours (EOH)	Last Preventive Maintenance Done	EOH at the Maintenance Done	Date of Maintenance
GT1	83255	61097	LEVEL A	48626	22-07-18
GT2	82686	61692	LEVEL A	49971	23-07-18
GT3	82981	62061	LEVEL D	60688	17-10-21
GT4	87362	64658	LEVEL D	60377	17-04-21
GT5	72490	56688	LEVEL D	56688	31-10-21
GT6	51974	39542	LEVEL A	36564	12-05-17
GT7	78529	59428	LEVEL C	37841	27-02-16
GT8	73045	54728	LEVEL A	42805	11-02-17
GT9	57729	43084	LEVEL A	33115	10-08-17

SIEMENS Gas Turbine Latest Maintenance History



BUSTIE TRANSFORMER

Capacity: 33 KV/6.3 KV, 25 MVA, 50 Hz

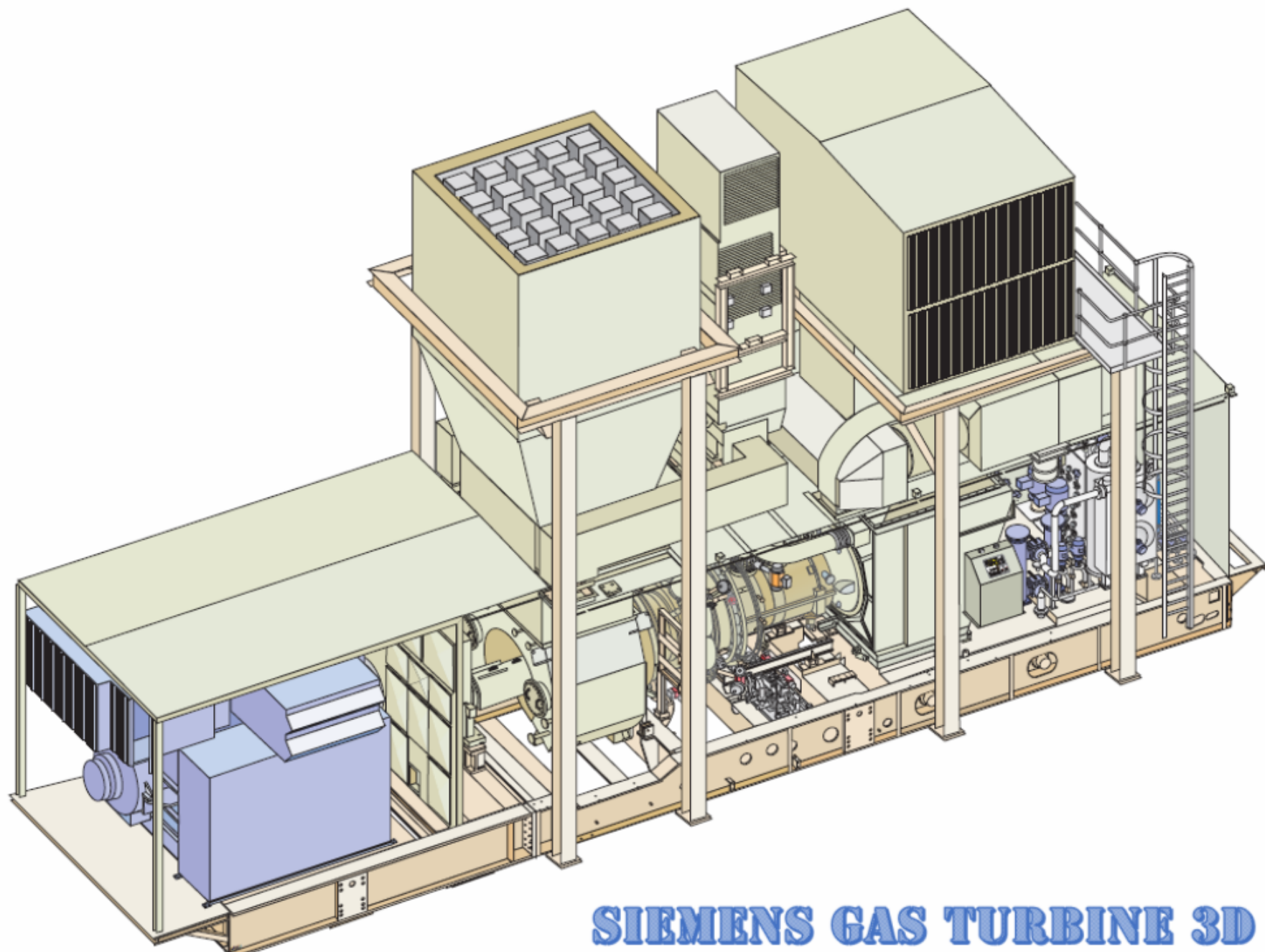
Made: ETTRA Slovenia



SIEMENS GAS TURBINE OIL COOLER

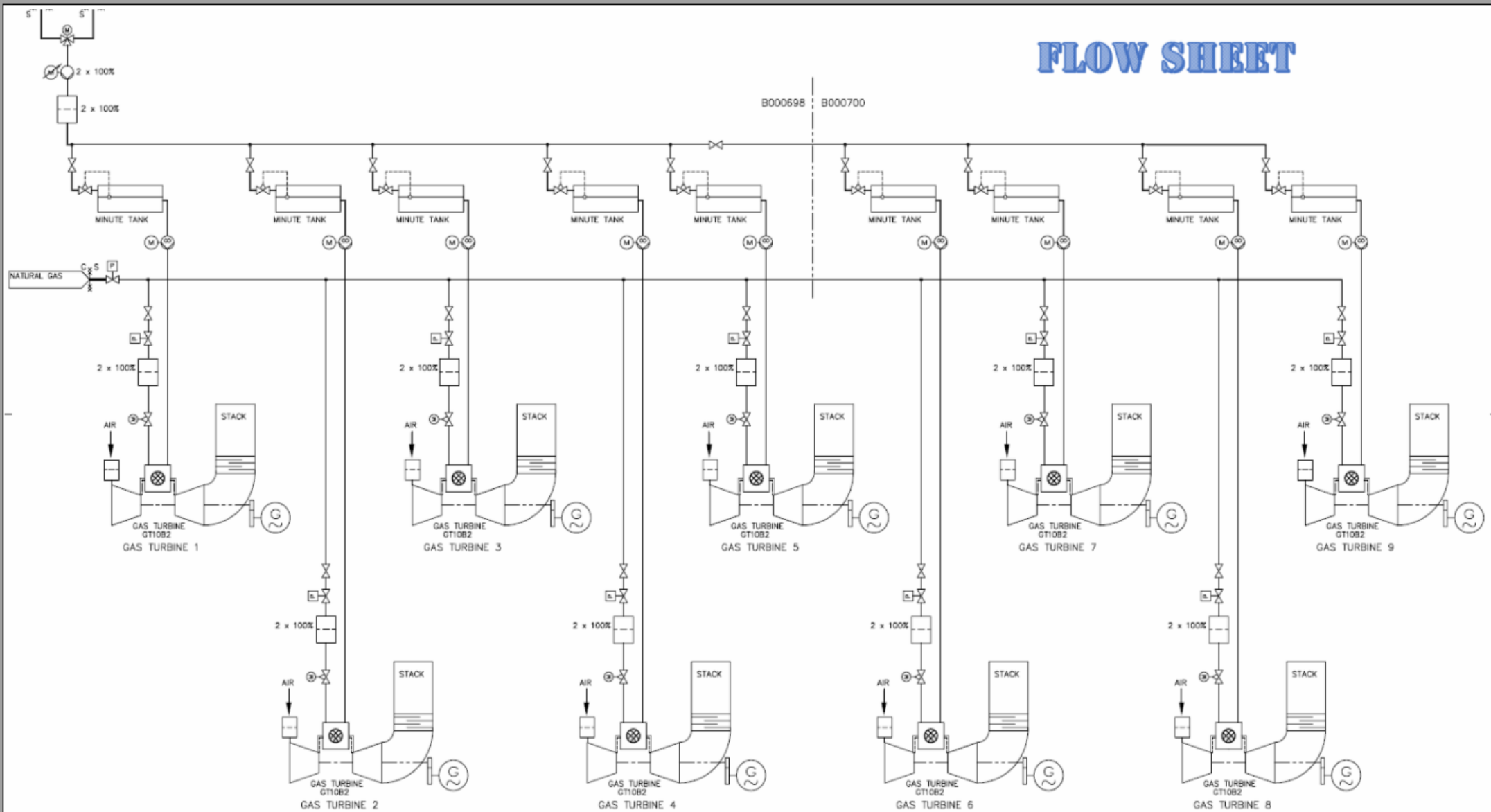


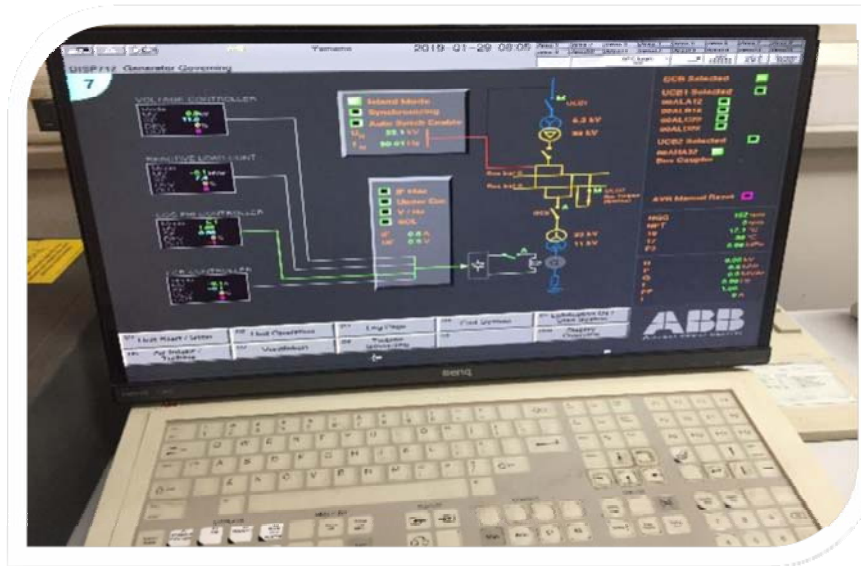
SIEMENS GAS TURBINE



SIEMENS GAS TURBINE 3D MODEL

FLOW SHEET





SIEMENS Gas Turbine Is Operated On ABB Advant Power Control



Manuals and Catalogues Of SIEMENS Gas Turbine

	A	B	C	D	E	F	G	H	I
1	Item#	Group	Item #2	Description	Balance	Location	Average Cost	Order Unit	Approx. Total Cost
2	74253	3AXMBT	2409539.G	Combustor, Part No. 2409539-G, Manf. Siemens Industrial Turbomachinery for SGT600 Gas Turbines	1	FG.01.P.05	2800000	EA	2,800,000.00
3	66938	3AXMBM	2409539.E.R	SGT600 Combustion Chamber Reconditioned, Part No. 2409539-E (FOR G.T. PLANT)	1	FG.23.P.05	2600000	EA	2,600,000.00
4	61559	3AXMBT	2407514.1	Stator Ring Segment, PT. # 2407514-1	48	AM.04.D.03	15839.01	EA	760,272.48
5	68077	3AXMBT	2409344.1	Outer Cone, Part No. 2409344-1, for GAS TURBINE SGT 600	2	FG.23.P.04	166935.06	EA	333,870.12
6	62827	3AIEGC	INR.S.760	Cartridge, Filter Element, Type: INR-S-760-D-UPF-V; Indutil Ref.: D-06-02393 Dia. 115 x 760 Stainless Steel/Nomex/glassfibre	16	DQ.00.00.00	19705.18	EA	315,282.88
7	61558	3AXMBT	2407531.A	Guide Vane 2, Pt. # 2407531-A	4	AM.04.C.01	55453.99	EA	221,815.96
8	55015	3AXMBP	ELT.110	GAS FILTER SET ELT-110/3/P10-300, CONTAINING THREE ELEMENT AND ONE GASKET FOR FILTER HOUSING CFO3	30	AM.06.C.01	7356.43	SET	220,692.90
9	61600	3AXMBT	1CS13840.1	THRUST BEARING PAD (A2GB88/1-246), PT. # 1CS13840-1, FOR GAS TURBINE SGT 600	14	AM.05.F.01	13301.89	EA	186,226.46
10	68203	3AIZAA	349088	Ion exchange elements IXE 430, Pt.no.#349088.	8	AO.01.P.05	14500.53	EA	116,004.24
11	74887	3A2ARA	7UT61314EB92	Transformer Differential Protection Siemens Siprotec, Order No. (MLFB) 7UT6131-4EB92-1BBO/BB-L0A, Manufacturer: Siemens (Using DIGSI 4 V4.71 Operating Program)	4	AM.03.A.01	26252.3	EA	105,009.20
12	57824	3AYMBT	690100383D	Sensorex RVDI +/- 60 Degree for ATEX Environment, P. No 69010 0383 D, Siemens KKS No. MBT10AE005-B01	6	AM.08.E.01	17282	EA	103,692.00
13	63841	3AYMBT	2404819.1	Exciter (Ignition), KKS No. MBT10AV005-T01, Manf. Champion Aero space, Pt# 305076; Siemens, Pt# 2404819-1	4	AM.08.D.01	25216.35	EA	100,865.40
14	61670	3AXMBT	2405440.1	SCREW Pt. # 2405440-1	50	AM.04.C.03	2000.98	EA	100,049.00
15	74809	3A2ARA	240-ANI	Tapcon 240 OLTC Controller Tapcon, Aux. Supply Option ANI(4-20mA), Order Info. Tapcon 240-ANI, Manf. Maschinenfabrik Reinhausen GmbH (MR)	3	AM.03.G.04	31200	EA	93,600.00
16	57826	3AYMBT	0448	Sensorex Conditioner ATEX, Signal Amplifier, Output 4-20 mA, P-Sup +15 to 24 VDC, I max 60 mA Part. No. 0448, Mod 690210266,	6	AM.08.C.01	14412	EA	86,472.00
17	61561	3AXMBT	2409574.1	Thermocouple Complete, Pt. # 2409574-1	8	AM.04.D.02	9659	EA	77,272.00
18	77388	3AYCHA	3BSE018292R1	DSAI 130A Analog Input Board 16 Channels Diff., Part No. 3BSE018292R1, Manf. ABB	2	AM.08.B03.00	32760	EA	65,520.00
19	75958	3AYBUA	PCR3	Charging Rectifier, Type: PCR3; 440/25, Input: 400, 3 Phase, 50/60 Hz, 35AT, Output: DC400V, 25 Amp. Manufacturer: KRAFT	1	AM.09.A.03	64669.62	EA	64,669.62
20	61677	3AXMBT	2405260.1	Tie Bolt, Pt. # 2405260-1	4	AM.04.C.04	15173.26	EA	60,693.04
21	55015	3AXMBP	ELT.110	GAS FILTER SET ELT-110/3/P10-300, CONTAINING THREE ELEMENT AND ONE GASKET FOR FILTER HOUSING CFO3	8	DQ.00.00.00	7356.43	SET	58,851.44
22	76245	3AQQFA	38008165	Inlet Conversion Kit, Part No. 38008165, Inlet Head Conversion Kit for Air Dryer T2M050, Manf. Ingersoll Rand	8	AM.01.B01.00	7340.75	EA	58,726.00
23	59170	3A2CKN	3BSE014666R1	PROFIBUS-DP INTERFACE (Profibus printed circuit card), Manufacturer: ABB, Type: C1541V1, Communication Card board, Prod. No. 3BSE014666R1, Order No. P10022811-1	3	AM.03.E.03	18558.04	EA	55,674.12

Power Plant Spare Parts

SIEMENS Gas Turbine Available Spare Parts list (Specimen)