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REFERENCES

Turnkey Experience

350 MW Combined Cycle Power Plant SCC5-4000F-1S with Air-Cooled Condenser King's Lynn, United Kingdom

SIEMENS



King's Lynn (United Kingdom)

Concept: Single Shaft SCC5-4000F-1S

Output (nat. gas, site) : 350 MW

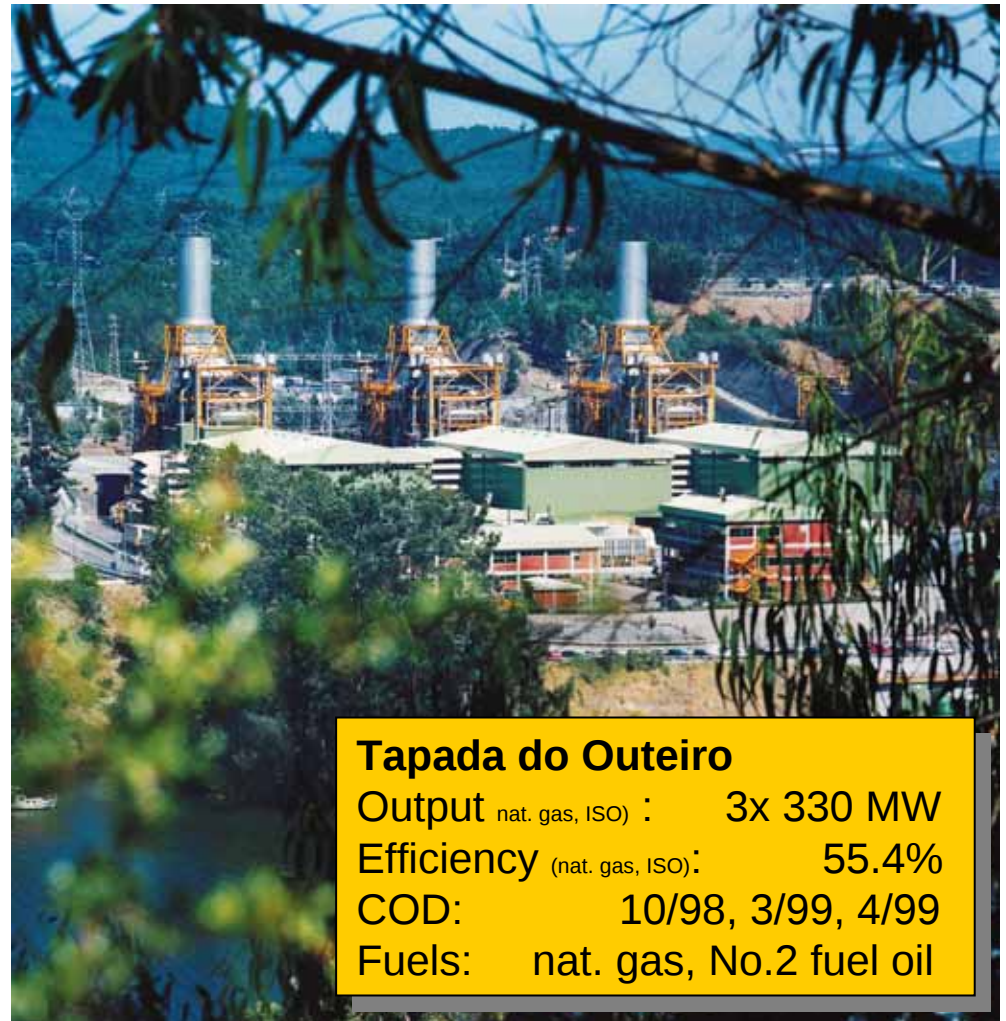
Efficiency (nat. gas, site): 55.3 %

COD: August 1996

Fuels: Natural Gas (Fuel oil Back up)

990 MW, 3 x SCC5-4000F-1S Tapada do Outeiro, Portugal

SIEMENS



Tapada do Outeiro

Output nat. gas, ISO) : 3x 330 MW

Efficiency (nat. gas, ISO): 55.4%

COD: 10/98, 3/99, 4/99

Fuels: nat. gas, No.2 fuel oil

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Thema, Folienbezeichnung

Power Generation

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400 MW Combined Cycle Power Plant SCC5-4000F-1S - Otahuhu, New Zealand

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Power Generation

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400 MW CCPP SCC5-4000F-1S Otahuhu, New Zealand

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Power Generation

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1500 MW, Six Combined Cycle Power Plants SCC6-4000F-1S - Santa Rita + San Lorenzo, Philippines

SIEMENS



Sta. Rita/ San Lorenzo

Concept: Single-Shaft SCC6-4000F-1S

Output¹ (nat. gas, site): 6x 253 MW

Efficiency¹ (nat. gas, site): 57.1 %

COD: 06/00,08/00

Fuels: nat.Gas, Dist., Naphtha,
Mixtures, Condensate

Contract: EPC TK plus 12 y. O&M

¹ San Lorenzo data

1500 MW, Six Combined Cycle Power Plants SCC6-4000F-1S - Santa Rita + San Lorenzo, Philippines

SIEMENS



Sta. Rita/ San Lorenzo

Concept: Single-Shaft SCC6-4000F-1S

Output (nat. gas, ISO) : 6 x 253,5 MW

Efficiency (nat. gas, ISO): 57.1 %

COD: 06/00,08/00

Fuels: nat.Gas, Dist., Naphtha,
Mixtures, Condensate

Contract: EPC TK plus 12 y. O&M

Cottam Development Centre (CDC) Combined Cycle Single-Shaft SCC5-4000F-1S

SIEMENS



Cottam (United Kingdom)

Concept: Single Shaft SCC5-4000F-1S

Output (nat. gas, ISO) : 390 MW

Efficiency (nat. gas, ISO): 58.1 %

COD: September 1999

Fuels: Natural Gas only

385 MW CCPP SCC5-4000F-1S - Seabank 2, United Kingdom

SIEMENS



Seabank 2 (United Kingdom)

Concept: Single Shaft SCC5-4000F-1S

Output (nat. gas, site) : 385 MW

Efficiency (nat. gas, site): >56.4 %

COD: Jan. 2001

Fuels: Natural Gas only

735 MW, Two Combined Cycle Power Plants SCC5-4000F-1S - Pulau Seraya, Singapore

SIEMENS



Pulau Seraya (Singapore)

Concept: Single Shaft SCC5-4000F-1S

Output (nat. gas, site) : 2x 367 MW

Efficiency (nat. gas, site): >57.2 %

COD: November 2002

Fuels: Natural Gas (Fuel oil Back up)

Contract: EPC TK plus 10 y. S&M

13.11.2007

Thema, Folienbezeichnung

Power Generation

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350 MW + 250 MW District Heating CCPP SCC5-4000F-1S - Donaustadt, Austria

SIEMENS



13.11.2007

Thema, Folienbezeichnung

Power Generation

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Generator Experience List

Generator Reference List

No.	Plant, Unit	Country Code	Rating in MVA	P.F.	Voltage in kV	Excitation	Date of Order	First Op.	Speed Frequency in s(-1)	Frame designation
1	KW Herrenhausen VII	DEU	137,5	0,8	10,5	RG	1971	1975	50	SGEN5-2000H
2	Yong Wol 2	KOR	69	0,8	13,8	ST	1976	1979	60	SGEN6-2000H
3	Termobarranquilla III	COL	83,5	0,85	13,8	RG	1977	1980	60	SGEN6-2000H
4	Termobarranquilla IV	COL	83,5	0,85	13,8	RG	1977	1980	60	SGEN6-2000H
5	Termocartagena III	COL	83,5	0,85	13,8	RG	1977	1980	60	SGEN6-2000H
6	Renusagar 3	IND	84.375	0,8	10,5	RG	1978/79	1981	50	SGEN5-2000H
7	Renusagar 4 *)	IND	84.375	0,8	10,5	RG	1979/80	1983	50	SGEN5-2000H
8	VW AG HKW West I	DEU	160	0,9	10,5	ST	1980/81	1984	50	SGEN5-2000H
9	VW AG HKW West II	DEU	160	0,9	10,5	ST	1980/81	1985	50	SGEN5-2000H
10	Rourkela 7 *)	IND	75	0,8	11,5	ST	1982/83	1989	50	SGEN5-2000H
11	Rourkela 8 *)	IND	75	0,8	11,5	ST	1982/83	1989	50	SGEN5-2000H
12	GKH Hannover 2	DEU	152,5	0,95	10,5	ST	1985/86	1989	50	SGEN5-2000H
13	KW Arzberg 5	DEU	145	0,8	10,5	RG	1985/86	1987	50	SGEN5-2000H
14	Vijayawada 3	IND	247	0,85	15,75	RG	1985/86	1989	50	SGEN5-2000H
15	Vijayawada 4 *)	IND	247	0,85	15,75	RG	1985/86	1990	50	SGEN5-2000H
16	GKH Hannover 1	DEU	152,5	0,95	10,5	ST	1985/86	1989	50	SGEN5-2000H
17	Buggenum	NLD	350	0,8	21	ST	1989/90	1993	50	SGEN5-2000H
18	Killingholme 10	GBR	200	0,85	11	ST	1989/90	1992	50	SGEN5-2000H
19	Killingholme 20	GBR	200	0,85	11	ST	1989/90	1992	50	SGEN5-2000H
20	Gresik 10	IDN	251,75	0,8	15,75	ST	1990/91	1993	50	SGEN5-2000H
21	Gresik 20	IDN	251,75	0,8	15,75	ST	1990/91	1993	50	SGEN5-2000H
22	Gresik 30	IDN	251,75	0,8	15,75	ST	1990/91	1993	50	SGEN5-2000H
23	Rye House DT	GBR	295	0,85	15,75	ST	1990/91	1993	50	SGEN5-2000H
24	Grati CCPP, Unit 10	IDN	249	0,8	15,75	ST	1993/94	1997	50	SGEN5-2000H
25	Senoko STG 2	MYS	205	0,8	10,5	ST	1993/94	1996	50	SGEN5-2000H

No.	Plant, Unit	Country Code	Rating in MVA	P.F.	Voltage in kV	Excitation	Date of Order	First Op.	Speed Frequency in s(-1)	Frame designation
26	Didcot B 50	GBR	305	0,8	15,75	ST	1993/94	1996	50	SGEN5-2000H
27	Didcot B 60	GBR	305	0,8	15,75	ST	1993/94	1997	50	SGEN5-2000H
28	King's Lynn	GBR	412,6	0,85	21	ST	1993/94	1996	50	SGEN5-2000H
29	Senoko STG 1	MYS	205	0,8	10,5	ST	1994/95	1996	50	SGEN5-2000H
30	Tapada 1	PRT	394	0,9	21	ST	1994/95	1998	50	SGEN5-2000H
31	Tapada 2	PRT	394	0,9	21	ST	1994/95	1998	50	SGEN5-2000H
32	Tapada 3	PRT	394	0,9	21	ST	1994/95	1998	50	SGEN5-2000H
33	Paguthan ST	IND	303	0,8	15,75	ST	1994/95	1998	50	SGEN5-2000H
34	Otahuhu	NZL	473	0,85	22	ST	1995	1998	50	SGEN5-2000H
35	Seabank P. S. GTG 11	GBR	301	0,85	15,75	ST	1996	1998	50	SGEN5-2000H
36	Seabank P. S. GTG 12	GBR	301	0,85	15,75	ST	1996	1998	50	SGEN5-2000H
37	Seabank P. S. STG 10	GBR	306	0,85	15,75	ST	1996	1998	50	SGEN5-2000H
38	Santa Rita 1	PHI	298	0,85	16	ST	1996	2000	60	SGEN6-2000H
39	Santa Rita 2	PHI	298	0,85	16	ST	1996	2000	60	SGEN6-2000H
40	Santa Rita 3	PHI	298	0,85	16	ST	1996	2000	60	SGEN6-2000H
41	Santa Rita 4	PHI	298	0,85	16	ST	1996	2000	60	SGEN6-2000H
42	Bugok CCPP GT11	KOR	205	0,9	16	ST	1996	2000	60	SGEN6-2000H
43	Bugok CCPP GT12	KOR	205	0,9	16	ST	1996	2000	60	SGEN6-2000H
44	Bugok CCPP ST10	KOR	207	0,9	16	ST	1996	2000	60	SGEN6-2000H
45	St. Francis 1	USA	298	0,85	16	ST	1997	1999	60	SGEN6-2000H
46	Brigdeport Harbor STG	USA	215	0,85	16	ST	1997	1999	60	SGEN6-2000H
47	Manchief Station 1	USA	150	0,9	16	ST	1997	2000	60	SGEN6-2000H
48	Manchief Station 2	USA	150	0,9	16	ST	1997	2000	60	SGEN6-2000H
49	Peterhead GT 11	GBR	313	0,85	15,75	ST	1998	2000	50	SGEN5-2000H
50	Peterhead GT 12	GBR	313	0,85	15,75	ST	1998	2000	50	SGEN5-2000H
51	Peterhead GT 13	GBR	313	0,85	15,75	ST	1998	2000	50	SGEN5-2000H
52	Vilvoorde GTG	BEL	347	0,8	15,75	ST	1998	2001	50	SGEN5-2000H

No.	Plant, Unit	Country Code	Rating in MVA	P.F.	Voltage in kV	Excitation	Date of Order	First Op.	Speed Frequency in s(-1)	Frame designation
53	Mainz-Wiesbaden GT	DEU	331	0,8	15,75	ST	1998	2001	50	SGEN5-2000H
54	St. Francis 2	USA	316	0,85	16	ST	1998	2001	60	SGEN6-2000H
55	Donaustadt	AUT	453	0,88	22	ST	1998	2001	50	SGEN5-2000H
56	Paddys Run Project	USA	200	0,85	16	ST	1999	2001	60	SGEN6-2000H
57	San Lorenzo 50	PHI	299	0,85	16	ST	2000	2002	60	SGEN6-2000H
58	San Lorenzo 50	PHI	299	0,85	16	ST	2000	2002	60	SGEN6-2000H
59	Pulau Seraya 1	MYS	433	0,85	22	ST	2000	2003	50	SGEN5-2000H
60	Pulau Seraya 2	MYS	433	0,85	22	ST	2000	2003	50	SGEN5-2000H
61	Panglima STG10	MYS	343	0,78	15,75	ST	2000	2003	50	SGEN5-2000H
62	Campo de Gibraltar 10	ESP	432	0,85	22	ST	2001	2004	50	SGEN5-2000H
63	Campo de Gibraltar 20	ESP	432	0,85	22	ST	2001	2005	50	SGEN5-2000H
64	HKW Hamborn	DEU	345	0,8	21	ST	2001	2003	50	SGEN5-2000H
65	Phu My 3 - GTG11	VNM	279	0,85	15,75	ST	2001	2003	50	SGEN5-2000H
66	Phu My 3 - GTG12	VNM	279	0,85	15,75	ST	2001	2003	50	SGEN5-2000H
67	Knapsack - GTG11	DEU	339	0,8	15,75	ST	2001		50	SGEN5-2000H
68	Knapsack - GTG12	DEU	339	0,8	15,75	ST	2002		50	SGEN5-2000H
69	Ribatejo 10	PRT	448	0,9	22	ST	2002	2004	50	SGEN5-2000H
70	Ribatejo 20	PRT	448	0,9	22	ST	2002	2004	50	SGEN5-2000H
71	Palos de la Frontera 10	ESP	461	0,85	22	ST	2002	2004	50	SGEN5-2000H
72	Palos de la Frontera 20	ESP	461	0,85	22	ST	2002	2004	50	SGEN5-2000H
73	Palos de la Frontera 30	ESP	461	0,85	22	ST	2002		50	SGEN5-2000H
74	Kirkuk	IRK	306	0,85	15,75	ST	2003		50	SGEN5-2000H
75	Ribatejo 30	PRT	448	0,9	22	ST	2003		50	SGEN5-2000H
76	Knapsack - STG	DEU	359	0,8	15,75	ST	2005		50	SGEN5-2000H
77	Sagunto 10	ESP	496	0,85	20	ST	2005		50	SGEN5-2000H
78	Sagunto 20	ESP	496	0,85	20	ST	2005		50	SGEN5-2000H
79	Sagunto 30	ESP	496	0,85	20	ST	2005		50	SGEN5-2000H

No.	Plant, Unit	Country Code	Rating in MVA	P.F.	Voltage in kV	Excitation	Date of Order	First Op.	Speed Frequency in s(-1)	Frame designation
80	Hamm-Uentrop 10	DEU	534	0,8	20	ST	2005		50	SGEN5-2000H
81	Hamm-Uentrop 20	DEU	534	0,8	20	ST	2005		50	SGEN5-2000H
82	Sugen 10	IND	474	0,8	20	ST	2005		50	SGEN5-2000H
83	Sugen 20	IND	474	0,8	20	ST	2005		50	SGEN5-2000H
84	Sugen 30	IND	474	0,8	20	ST	2005		50	SGEN5-2000H
85	Kaarstoe	NOR	520	0,86	20	ST	2005		50	SGEN5-2000H
86	New Taweelah B	VAE	417	0,8	16,5	ST	2005		50	SGEN5-2000H
87	Shuaibah IWPP	SAR	497	0,8	23	ST	2006		60	SGEN6-2000H
88	Shuaibah IWPP	SAR	497	0,8	23	ST	2006		60	SGEN6-2000H
89	Shuaibah IWPP	SAR	497	0,8	23	ST	2006		60	SGEN6-2000H
90	Baosteel	CHN	412	0,85	20	ST	2006		50	SGEN5-2000H
91	Irsching 5 – GTG 11	BRD	375	0,8	21	ST	2006		50	SGEN5-2000H
92	Irsching 5 – GTG 12	BRD	375	0,8	21	ST	2006		50	SGEN5-2000H
93	Irsching 5 - STG 10	BRD	375	0,8	21	ST	2006		50	SGEN5-2000H
94	Pont Sur Sambre	FKR	497	0,85	20	ST	2006		50	SGEN5-2000H
95	Az Zour South Extension 50	KUW	364	0,85	16,5	ST	2007		50	SGEN5-2000H
96	Az Zour South Extension 60	KUW	364	0,85	16,5	ST	2007		50	SGEN5-2000H

Gas Turbine

The Siemens logo is displayed in white, uppercase letters on a dark blue rectangular background. The background of the entire slide features a close-up, artistic photograph of a gas turbine's internal components, specifically the compressor section, with a blue color cast.

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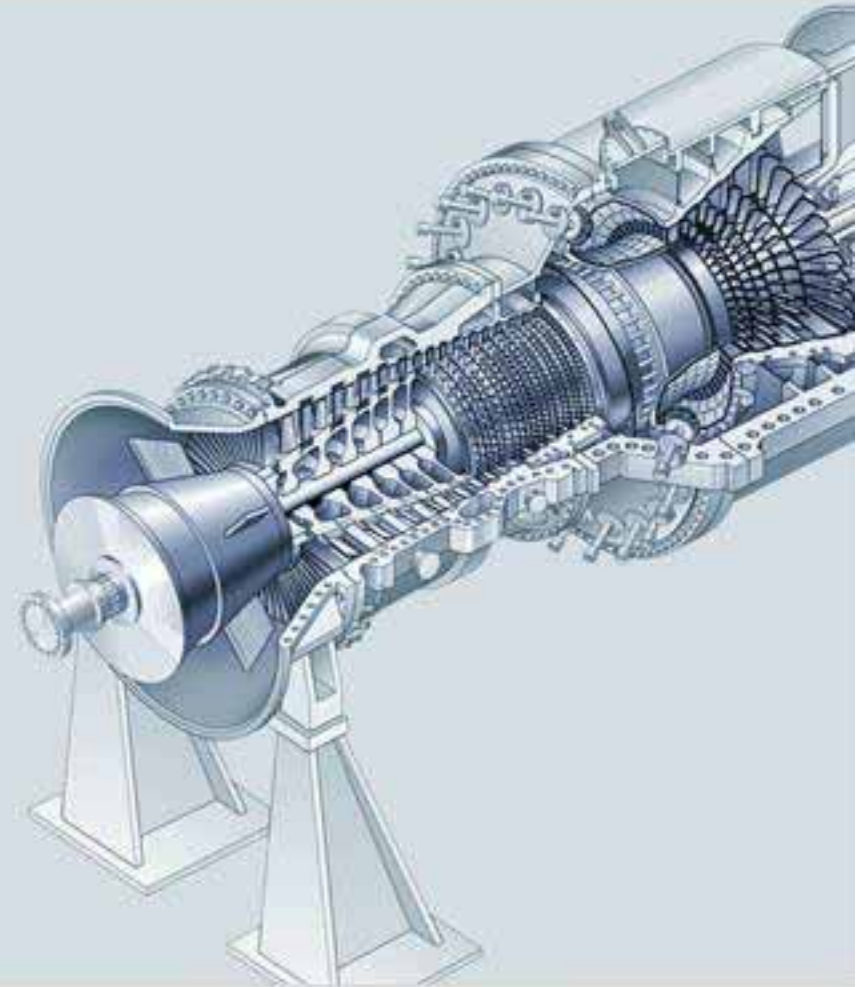
SGT5-4000F Experience

SGT5-4000F Experience

124 Units Operating (incl. Sep/2007)

Licensed machines	20
Lead Unit EOH	> 76.000
Total EOH	> 2.951.000

SGT5-4000F: 196 Units Under Contract



SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
CENTRALES TERMICAS MENDOZA SA	ARGENTINA	LUJAN DE CUYO	SGT5-4000F	1	CCPP/ 1x1	1998
RWE NPOWER PLC	UNITED KINGDOM	DIDCOT B2	SGT5-4000F	2	CCPP/ 2x1	1998
AES ARGENTINA	ARGENTINA	SALTA TERMOANDES 1	SGT5-4000F	2	CCPP/ 2x1	1999
COLBUN SA	CHILE	NEHUENCO	SGT5-4000F	1	CCPP/ 1x1	1999
CONTACT ENERGY	NEW ZEALAND	OTAHUHU	SGT5-4000F	1	CCPP/ 1S	1999
EON UK	UNITED KINGDOM	COTTAM DEVEL CENT	SGT5-4000F	1	CCPP/ 1S	1999
EVN (Energieversorgung Niederösterreich)	AUSTRIA	THEISS B 2000	SGT5-4000F	1	CCPP	1999
PETROBRAS	ARGENTINA	GENELBA	SGT5-4000F	2	CCPP/ 2x1	1999
TURBOGAS PRODUTORA ENERGETICA SA	PORTUGAL	TAPADA DO OUTEIRO	SGT5-4000F	3	CCPP/ 1S	1999

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ADWEA (EMIRATES CMS POWER CO ECPC)	UNITED ARAB EMIRATES	AL TAWEELAH A2	SGT5-4000F	2	CCPP/ 3x2	2000
SCOTTISH & SOUTHERN ENERGY	UNITED KINGDOM	PETERHEAD	SGT5-4000F	3	CCPP/ 3x1	2000
Seabank Power Limited	UNITED KINGDOM	SEABANK 1	SGT5-4000F	2	CCPP/ 2x1	2000
ADWEA (EMIRATES CMS POWER CO ECPC)	UNITED ARAB EMIRATES	AL TAWEELAH A2	SGT5-4000F	1	CCPP/ 3x2	2001
EDISON SPA	ITALY	PORTO MARGHERA	SGT5-4000F	1	CCPP/ 1x1	2001
KW MAINZ-WIESBADEN	GERMANY	KMW MAINZ-WIESBADEN	SGT5-4000F	1	CCPP/ 1x1	2001
Seabank Power Limited	UNITED KINGDOM	SEABANK 2	SGT5-4000F	1	CCPP/ 1S	2001
SUEZ ELECTRABEL	BELGIUM	VILVOORDE CCPP	SGT5-4000F	1	CCPP/ 1x1	2001
WIENSTROM	AUSTRIA	DONAUSTADT	SGT5-4000F	1	CCPP/ 1S	2001
ENEL SPA	ITALY	LA CASELLA 1	SGT5-4000F	1	CCPP/ 1x1	2002

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENEL SPA	ITALY	LA CASELLA 2	SGT5-4000F	1	CCPP/ 1x1	2002
HUNTSTOWN PWR COMP LTD	IRELAND	HUNTSTOWN 1	SGT5-4000F	1	CCPP/ 1x1	2002
POWERSERAYA LTD	SINGAPORE	PULAU SERAYA CC	SGT5-4000F	2	CCPP/ 1S	2002
POWERTEK BHD	MALAYSIA	PANGLIMA TELUK GONG	SGT5-4000F	2	CCPP/ 2x1	2002
SONELGAZ	ALGERIA	HAMMA	SGT5-4000F	1	GTPP/ 1x0	2002
SONELGAZ	ALGERIA	HAMMA	SGT5-4000F	1	GTPP/ 1x0	2002
DUBAI ELEC & WATER AUTH (DEWA)	UNITED ARAB EMIRATES	JEBEL ALI K	SGT5-4000F	3	CCPP/ 3x2	2003
ENEL SPA	ITALY	LA CASELLA 3	SGT5-4000F	1	CCPP/ 1x1	2003
ENEL SPA	ITALY	LA CASELLA 4	SGT5-4000F	1	CCPP/ 1x1	2003
ENEL SPA	ITALY	PIETRAFITTA	SGT5-4000F	1	CCPP	2003
ENEL SPA	ITALY	PORTO CORSINI 3	SGT5-4000F	1	CCPP/ 1x1	2003
ENEL SPA	ITALY	PORTO CORSINI 4	SGT5-4000F	1	CCPP/ 1x1	2003

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENEL SPA	ITALY	PRIOLO GARGALLO 1	SGT5-4000F	1	CCPP/ 1x1	2003
ENEL SPA	ITALY	PRIOLO GARGALLO 2	SGT5-4000F	1	CCPP/ 1x1	2003
ENIPOWER	ITALY	FERRERA ERBOGNONE	SGT5-4000F	1	CCPP/ 1x1	2003
ENIPOWER	ITALY	RAVENNA ENICHEM	SGT5-4000F	1	CCPP/ 1x1	2003
INDEPENDENT POWER THAILAND	THAILAND	CHON BURI	SGT5-4000F	1	CCPP/ 2x1	2003
ACEAELECTRABEL SPA	ITALY	VOGHERA	SGT5-4000F	1	CCPP/ 1x1	2004
ADWEA (SHUWEIHAT CMS INTL POWER CO)	UNITED ARAB EMIRATES	AL SHUWEIHAT S1	SGT5-4000F	2	CCPP/ 2x1	2004
ADWEA (SHUWEIHAT CMS INTL POWER CO)	UNITED ARAB EMIRATES	AL SHUWEIHAT S1	SGT5-4000F	3	CCPP/ 3x1	2004
BP	VIETNAM	PHU MY 3	SGT5-4000F	2	CCPP/ 2x1	2004
ELECTRICIDADE DE PORTUGAL (EDP)	PORTUGAL	RIBATEJO	SGT5-4000F	2	CCPP/ 1S	2004
ENEL SPA	ITALY	SANTA BARBARA	SGT5-4000F	1	CCPP/ 1x1	2004

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENEL SPA	ITALY	TERMINI IMERESE (Ross Cal 3)	SGT5-4000F	1	CCPP	2004
ENIPOWER	ITALY	BRINDISI	SGT5-4000F	1	CCPP/ 1x1	2004
ENIPOWER	ITALY	FERRERA ERBOGNONE	SGT5-4000F	1	CCPP/ 1x1	2004
ENIPOWER	ITALY	RAVENNA ENICHEM	SGT5-4000F	1	CCPP/ 1x1	2004
NUEVA GENERADORA DEL SUR	SPAIN	CAMPO DE GIBRALTAR	SGT5-4000F	2	CCPP/ 1S	2004
REC (INTERGEN)	NETHERLANDS	RIJNMOND ENERGIE	SGT5-4000F	2	CCPP/ 2x1	2004
AEM TORINO SPA	ITALY	MONCALIERI CHP	SGT5-4000F	1	CCPP/ 1x1	2005
EET (ONE/ENDESA/SPV)	MOROCCO	TAHADDART	SGT5-4000F	1	CCPP/ 1S	2005
EGYPTIAN ELECTRICITY HOLDING, WEST DELTA EL PROD	EGYPT	NUBARIA 1/ST	SGT5-4000F	4	CCPP/ 2x1	2005
ENIPOWER	ITALY	BRINDISI	SGT5-4000F	2	CCPP/ 1x1	2005
ENIPOWER	ITALY	FERRERA	SGT5-4000F	2	CCPP/ 1x1	2005

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENIPOWER	ITALY	MANTOVA	SGT5-4000F	2	CCPP/ 1x1	2005
GAS NATURAL	SPAIN	ARRUBAL	SGT5-4000F	2	CCPP/ 1S	2005
GEW RHEIN ENERGIE AG	GERMANY	HKW NIEHL II	SGT5-4000F	1	CCPP/ 1x1	2005
INDEPENDENT POWER THAILAND	THAILAND	CHON BURI	SGT5-4000F	1	CCPP/ 2x1	2005
ISRAEL ELECTRIC CORP	ISRAEL	GEZER CC	SGT5-4000F	2	CCPP/ 1S	2005
RWE/ELECTRABEL Zandvliet Pwr	BELGIUM	BASF ANTWERPEN CCPU1	SGT5-4000F	1	CCPP/ 1S	2005
UNION FENOSA	SPAIN	PALOS DE LA FRONTERA	SGT5-4000F	3	CCPP/ 1S	2005
ACEAELECTRABEL SPA	ITALY	ROSIGNANO	SGT5-4000F	1	CCPP/ 1x1	2006
BECHTEL	IRAQ	KIRKUK 11	SGT5-4000F	1	GTPP/ 1x0	2006
EDIPOWER SPA	ITALY	PIACENZA RPWR	SGT5-4000F	2	CCPP/ 2x1	2006
EGYPTIAN ELECTRICITY HOLDING	EGYPT	TALKHA NEW CC	SGT5-4000F	2	CCPP/ 2x1	2006

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ELECTRICIDADE DE PORTUGAL (EDP)	PORTUGAL	RIBATEJO 3	SGT5-4000F	1	CCPP/ 1S	2006
HUANENG POWER INTERNATIONAL	CHINA	SHIDONGKOU	SGT5-4000F	3	CCPP/ 1S	2006
QATAR ELEC AND WATER (QEWC)/IINTL POWER	QATAR	RAS LAFFAN B	SGT5-4000F	3	CCPP/ 3x2	2006
ADWEA (TAWEELAH ASIA POWER CO)	UNITED ARAB EMIRATES	AL TAWEELAH B EXT	SGT5-4000F	3	CCPP/ 3x1	2007
DUBAI ELEC & WATER AUTH (DEWA)	UNITED ARAB EMIRATES	JEBEL ALI L2	SGT5-4000F	4	CCPP/ 2x1	2007
EDIPOWER SPA	ITALY	TURBIGO	SGT5-4000F	2	CCPP	2007
EGL, CALENIA ENERGIA	ITALY	SPARANISE 1/GT	SGT5-4000F	2	CCPP/ 1x1	2007
EGL, RIZZICONI ENERGIA	ITALY	RIZZICONI/GT 1	SGT5-4000F	1	CCPP/ 1x1	2007
EGYPTIAN ELECTRICITY HOLDING	EGYPT	KUREIMAT	SGT5-4000F	2	CCPP/ 2x1	2007

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENEL VIESGO	SPAIN	ESCATRON/GT 1	SGT5-4000F	2	CCPP/ 2x1	2007
HENAN ZHONGYUAN GAS PWR GEN	CHINA	ZHONGYUAN	SGT5-4000F	1	CCPP/ 1S	2007
ISRAEL ELECTRIC CORP	ISRAEL	HAGIT 2	SGT5-4000F	1	CCPP/ 1S	2007
MAH-TAB	IRAN	RUDESHUR	SGT5-4000F	3	GTPP/ 1x0	2007
MARK-E/STATKRAFT	GERMANY	HERDECKE CCPP	SGT5-4000F	1	CCPP/ 1x1	2007
NATURKRAFT AS (STATKRAFT/NORSK HYDRO)	NORWAY	KARSTOE	SGT5-4000F	1	CCPP/ 1S	2007
PETRO VIETNAM	VIETNAM	CA MAU 1	SGT5-4000F	2	CCPP/ 2x1	2007
PIEMONTE ENERGIA	ITALY	LEINI/GT	SGT5-4000F	1	CCPP/ 1x1	2007
SONELGAZ/SIEMENS O&M	ALGERIA	BERROUAGHIA	SGT5-4000F	2	GTPP/ 1x0	2007
STATKRAFT	GERMANY	KNAPSACK	SGT5-4000F	2	CCPP/ 2x1	2007
TIRRENO POWER	ITALY	NAPOLI LEVANTE	SGT5-4000F	1	CCPP/ 1x1	2007

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
TIRRENO POWER SPA	ITALY	VADO LIGURE/GT 1	SGT5-4000F	2	CCPP/ 2x1	2007
TRIANEL POWER PROJEKTENTWICKLUNG	GERMANY	HAMM-UENTROP	SGT5-4000F	2	CCPP/ 1S	2007
UNION FENOSA	SPAIN	SAGUNTO	SGT5-4000F	3	CCPP/ 1S	2007
ZHEJIANG PG CO	CHINA	XIAOSHAN	SGT5-4000F	1	CCPP/ 1S	2007
ZHENGZHOU GAS PWR GEN	CHINA	ZHENGZHOU	SGT5-4000F	2	CCPP/ 1S	2007
AEM TORINO	ITALY	MONCALIERI 2	SGT5-4000F	1	CCPP	2008
DUBAI ELEC & WATER AUTH (DEWA)	UNITED ARAB EMIRATES	AL AWEER H 3	SGT5-4000F	4	GTPP/ 1x0	2008
EGL, RIZZICONI ENERGIA	ITALY	RIZZICONI/GT 2	SGT5-4000F	1	CCPP/ 1x1	2008
ELEC GEN AUTH THAILAND (EGAT)	THAILAND	SONGKHLA CC	SGT5-4000F	2	CCPP/ 2x1	2008
ENEL POWER/ENEL VIESGO	SPAIN	ALGESIRAS/GT	SGT5-4000F	1	CCPP	2008

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENEL VIESGO	SPAIN	ALGECIRAS	SGT5-4000F	1	CCPP	2008
ENERGIE AG	AUSTRIA	TIMELKAM	SGT5-4000F	1	CCPP/ 1S	2008
EON ITALIA	ITALY	LIVORNO FERRARIS	SGT5-4000F	2	CCPP/ 2x1	2008
GKW IRSCHING (EON/N-ERGIE/MAINOVA)	GERMANY	IRSCHING	SGT5-4000F	2	CCPP/ 2x1	2008
HENAN ZHONGYUAN GAS PWR GEN	CHINA	ZHONGYUAN	SGT5-4000F	1	CCPP/ 1S	2008
PEEGT Public Estab Elec Gen Transmiss	SYRIA	DEIR ALI	SGT5-4000F	2	CCPP/ 2x1	2008
PETRO VIETNAM	VIETNAM	CA MAU 2	SGT5-4000F	2	CCPP/ 2x1	2008
TORRENT POWER GEN	INDIA	SUGEN	SGT5-4000F	3	CCPP/ 1S	2008
WIENSTROM	AUSTRIA	SIMMERING CC	SGT5-4000F	2	CCPP/ 2x1	2008
ZHEJIANG PG CO	CHINA	XIAOSHAN	SGT5-4000F	1	CCPP/ 1S	2008
DUBAI ELEC & WATER AUTH (DEWA)	UNITED ARAB EMIRATES	JEBEL ALI M1	SGT5-4000F	4	CCPP/ 2x1	2009

SGT5-4000F was named V94.3A until 2004-12-31

SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
DUBAI ELEC & WATER AUTH (DEWA)	UNITED ARAB EMIRATES	JEBEL ALI M2	SGT5-4000F	2	CCPP/ 2x1	2009
ELEC GEN AUTH THAILAND (EGAT)	THAILAND	BANG PAKONG 05	SGT5-4000F	2	CCPP/ 2x1	2009
ESBI/MARCHWOOD	UNITED KINGDOM	MARCHWOOD	SGT5-4000F	2	CCPP/ 2x1	2009
ISLAND POWER	SINGAPORE	ISLAND POWER	SGT5-4000F	2	CCPP/ 1x1	2009
POWEO	FRANCE	PONT SUR SAMBRE CC	SGT5-4000F	1	CCPP/ 1S	2009
RGM INTERNATIONAL	CHINA	XIAMEN	SGT5-4000F	2	CCPP/ 1S	2009
SLOECENTRALE B.V.	NETHERLANDS	SLOE	SGT5-4000F	2	CCPP/ 1S	2009
TERMoeLECTRICA JOSE ST MARTIN	ARGENTINA	JOSE ST MARTIN TIMBUES	SGT5-4000F	2	CCPP/ 2x1	2009
TERMoeLECTRICA MANUEL BELGRANO	ARGENTINA	MANUEL BELGRANO CAMPANA	SGT5-4000F	2	CCPP/ 2x1	2009
POWERSERAYA LTD	SINGAPORE	PULAU SERAYA CC	SGT5-4000F	2	CCPP/ 1S	2010

SGT5-4000F was named V94.3A until 2004-12-31

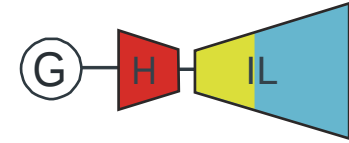
SGT5-4000F Experience

Customer / Operator	Country	Plant Name	Gas Turbine Type	# Units	Power Plant Type / Configuration	Commercial Operation
ENEL SPA	ITALY	ROSSANO CALABRO STORAGE	SGT5-4000F	1	CCPP	2010 (korr.)
ISRAEL ELECTRIC CORP	ISRAEL	HAIFA 3	SGT5-4000F	1	CCPP/ 1S	2010 (korr.)
ISRAEL ELECTRIC CORP	ISRAEL	HAIFA 4	SGT5-4000F	1	CCPP/ 1S	2010 (korr.)

SGT5-4000F was named V94.3A until 2004-12-31

Steam Turbine

Status: 2005-07-15



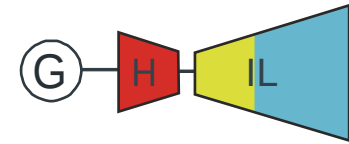
No.	T-No.	Plant Unit	Country	Rating MW	Speed s ⁻¹	Turbine Modules		Turbine Modules (former notation)		First Op. 1.)
						HP Turbine	IP/LP Turbine	HP Turbine	IP/LP Turbine	
1	7724	Kings Lynn	United Kingdom	113	50	H30	IL30-1x10	H30-25	E30-25-1x10	1997
2	7776	Tapada 1	Portugal	130	50	H30	IL30-1x10	H30-25	E30-25-1x10	1998
3	7777	Tapada 2	Portugal	130	50	H30	IL30-1x10	H30-25	E30-25-1x10	1998
4	7778	Tapada 3	Portugal	130	50	H30	IL30-1x10	H30-25	E30-25-1x10	1999
5	7814	Santa Rita 1	Philippines	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2000
6	7847	Otauhu	New Zealand	137	50	H30	IL30-1x10	H30-25	E30-25-1x10	1999
7	7848	Cottam	United Kingdom	137	50	H30	IL30-1x10	H30-25	E30-25-1x10	1999
8	7878	Santa Rita 2	Philippines	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2000
9	7879	Santa Rita 3	Philippines	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2000
10	7880	Santa Rita 4	Philippines	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2000
11	7884	Swentibold ^{2.)}	Netherlands	88	50	H30	IL30-1x6.3	H30-25	E30-25-1x6.3	1999
12	7910	Cottam Phase 1	United Kingdom	137	50	H30	IL30-1x10	H30-25-35	E30-25-1x10	1999
13	7914	St. Francis	USA	90	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	1999
14	10154	Seabank 2	United Kingdom	134	50	H30	IL30-1x10	H30-25	E30-25-1x10	2000
15	10140	St. Francis 2	USA	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2001
16	10177	San Lorenzo 1	Philippines	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2002
17	10179	San Lorenzo 2	Philippines	92	60	H30	IL30-1x6.9	H36-25	E36-16-1x6.9	2002
18	10237	Pulau Seraya 1	Singapore	135	50	H30	IL30-1x10	H30-25	E30-25-1x10	2002
19	10239	Pulau Seraya 2	Singapore	135	50	H30	IL30-1x10	H30-25	E30-25-1x10	2002
20	10217	Athens 3	USA	129	60	H30	IL30-1x10	H36-25	E36-16-1x10.3	2004 **
21	10218	Athens 2	USA	129	60	H30	IL30-1x10	H36-25	E36-16-1x10.3	2004 **

1.) First Steam

2.) Special design

3.) JV with Shanghai Turbine Company; Siemens scope covers H turbine and components of IL turbine

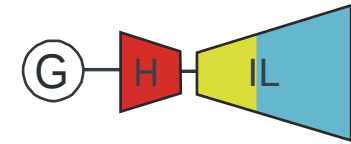
** scheduled



Status: 2005-07-15

No.	T-No.	Plant Unit	Country	Rating MW	Speed s ⁻¹	Turbine Modules		Turbine Modules (former notation)		First Op. 1.)
						HP Turbine	IP/LP Turbine	HP Turbine	IP/LP Turbine	
22	10219	Athens 1	USA	129	60	H30	IL30-1x10	H36-25	E36-16-1x10.3	2003
23	10243	Naco Nogales	Mexico	110	60	H30	IL30-1x10	H36-25	E36-16-1x10.3	2003
24	10259	Huntstown ^{2.)}	Ireland	120	50	H30	IL30-1x6.3	H30-25	E30-25-1x6.3	2002
25	10264	Harquahala 1	USA	121	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2003
26	10265	Harquahala 2	USA	121	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2003
27	10266	Harquahala 3	USA	121	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2004 **
28	10269	Campo de Gibraltar 1	Spain	118	50	H30	IL30-1x10	H30-25	E30-25-1x10	2004 **
29	10271	Campo de Gibraltar 2	Spain	118	50	H30	IL30-1x10	H30-25	E30-25-1x10	2004 **
30	10289	Kuo Kuong	Taiwan	165	60	H30	IL30-1x8.7	H36-25	E36-16-1x8.7	2003
31	10301	Allegheny Energy Unit 5	USA	191	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2003
32	10356	West Phoenix	USA	194	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2003
33	10376	CP&L Hines 2	USA	188	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2003
34	10439	Ribatejo 1	Portugal	142	50	H30	IL30-1x12.5	H30-25	E30-25-1x12.5	2003
35	10483	Gezer 3	Israel	135	50	H30	IL30-1x10	H30-25	E30-25-1x10	2006 **
36	10485	Gezer 4	Israel	135	50	H30	IL30-1x10	H30-25	E30-25-1x10	2006 **
37	10487	Haifa 4	Israel	138	50	H30	IL30-1x10	H30-25	E30-25-1x10	2006 **
38	10500	Palos 1	Spain	138	50	H30	IL30-1x10	H30-25	E30-25-1x10	2004 **
39	10502	Palos 2	Spain	138	50	H30	IL30-1x10	H30-25	E30-25-1x10	2004 **
40	10569	Ribatejo 2	Portugal	142	50	H30	IL30-1x12.5	H30-25	E30-25-1x12.5	2004 **
41	10573	Tahaddart	Morocco	140	50	H30	IL30-1x10	H30-25	E30-25-1x10	2004 **
42	10601	Palos 3	Spain	132	50	H30	IL30-1x10	H30-25	E30-25-1x10	2005 **
43	10622	BASF Antwerpen 1	Belgium	140	50	H30	IL30-1x10	H30-25	E30-25-1x10	2004 **

- 1.) First Steam
 2.) Special design
 3.) JV with Shanghai Turbine Company; Siemens scope covers H turbine and components of IL turbine
 ** scheduled



Status: 2005-07-15

No.	T-No.	Plant Unit	Country	Rating MW	Speed s ⁻¹	Turbine Modules		Turbine Modules (former notation)		First Op. 1.)
						HP Turbine	IP/LP Turbine	HP Turbine	IP/LP Turbine	
44	10625	Arrubal 1	Spain	137	50	H30	IL30-1x12.5	H30-25	E30-25-1x12.5	2004 **
45	10627	Arrubal 2	Spain	137	50	H30	IL30-1x12.5	H30-25	E30-25-1x12.5	2004 **
46	10636	Hagit 2	Israel	124	50	H30	IL30-1x5	H30-25	E30-25-1x5	2006 **
47	10721	Haifa 3	Israel	136	50	H30	IL30-1x10	H30-25	E30-25-1x10	2007 **
48	10765	CP&L Hines 3	USA	190	60	H30	IL30-1x10.3	H36-25	E36-16-1x10.3	2005 **
49	10782	Ribatejo 3	Portugal	142	50	H30	IL30-1x12.5	H30-25	E30-25-1x12.5	 **
50	10783	Shidongkou 10 ^{3.)}	China	135	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
51	10941	Shidongkou 20 ^{3.)}	China	135	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
52	10942	Xiaoshan 30 ^{3.)}	China	138	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
53	10943	Zhengzhou 10 ^{3.)}	China	135	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
54	10944	Shidongkou 30 ^{3.)}	China	135	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
55	10945	Zhongyuan 10 ^{3.)}	China	140	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
56	10946	Xiaoshan 40 ^{3.)}	China	138	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
57	11067	Zhengzhou 20 ^{3.)}	China	135	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
58	11068	Zhongyuan 20 ^{3.)}	China	135	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
59	11114	Sagunto 1	Spain	142	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
60	11115	Sagunto 2	Spain	142	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **
61	11116	Sagunto 3	Spain	142	50	H30	IL30-1x12.5	H30-25	E30-25-2-1x12.5	 **

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