

Reference list about Steam Generators

New build

Referenzliste über Dampferzeuger

Neubau

Extract / Auszug

Issued on / Stand: May 2025

Contract Status A Sole Contractor K Consortium leader P Consortium partner L Licensor S Subcontractor	Boiler System NC Natural circulation OT Once-through SC Superimposed circulation				Boiler Type TT Tower Type TP Two Pass Type MP Multi Pass Type PB Package Boiler MB Mobile Boiler for Oil Field Applications CB Compact industrial boilers				VG Ind. Boiler with Vibrating Grate TG Ind. Boiler with Travelling Grate RG Roller Grate IF Ind. Boiler with IGNIFLUID Firing System III, IV, V, VI Ind. Boiler Steinmüller Type III, IV, V, VI IB Integral boilers						
	Client	Contract Status	Country	Country (ISO)	Quantity	Unit Capacity (gross) in MWel	Steaming Capacity in t/h	Maximum Allowable Working Pressure in bar(g)	Live Steam Temperature in °C	RH Steam Temperature in °C	RH Steam Pressure in bar	Boiler System	Boiler Type	Fuel Type	Firing System
Volkswagen AG Wolfsburg	A	Germany	DEU	2	288 H100	209	113	540	-	-	NC	HRSG	Natural gas	Supplementary Firing	2024/25
Stadtwerke Bonn	A	Germany	DEU	1		43	44	400	-		NC	HRSG	none	none	2024
PGNiG Termika S.A. Zeran	A	Poland	Pol	1	490 M-701F	350	167	567	565		NC	HRSG	none	none	2024
Stadtwerke Flensburg	A	Germany	DEU	1	-	150	89	535	-	-	NC	HRSG	GT exhaust gas, Natural gas	Duct burner	2023
Tunesia Electricity and Gas Company („STEG“) Rades	C	Tunesia	Tun	1	500	292	150	575			NC	HRSG	none	none	2023
Infraserv GmbH & Co Wiesbaden Industrialpark Kalle-Albert	A	Germany	DEU	2	SOLAR Titan 250-31900 S	73	75	460	-		NC	HRSG TT	GT exhaust gas, Natural gas	Duct Burner	2021
Public Power Corporation S.A., TERNA S.A. Ptolemais Unit V	S	Greece	GRC	1	660	1.648	298	603	610	67	OT	TT	Lignite	all wall, 40 RS burners	2021

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OCI Sorfert Algerie Spa	A	Algeria	ALG	1	-	166	150	510				NC	TP	Natural gas	Bottom Firing 4 ADS burners	2020
tkiS Genesis 9, 10 & 11 (Shell Godorf)	A	Germany	DEU	3	-	150	138	520	-			NC	TP	Natural gas, Refinery gas	bottom, 4 ADS	2020
K+S Kali GmbH Kessel 5	A	Germany	DEU	1	-	110	45	435	-			NC	TP	Natural gas, GT exhaust gas	bottom, 2* Low-NOx ADS-47-GT Burner	2020
PCE GIEK S.A. Oddział Elektrownia Turów	K	Poland	POL	1	496	1.275	286	600	610			OT	TT	Lignite	all wall, 18 RS burners	2020
Electricity Supply Commission ESKOM, SA Kusile Power Station	P	South Africa	RSA	6	798	2.290	276	564	572			OT	TT	Bit. Coal	opposed	2016-2020
Electricity Supply Commission ESKOM, SA Kusile Power Station Auxiliary boiler	P	South Africa	RSA	3		90		300					IB	HFO	Duoblock HFO burners	2016-2020
Public Power Corporation S.A., TERNA S.A. Ptolemais Auxiliary boiler for Unit V	S	Greece	GRC	4		120		280				NC	IB	LFO	Duoblock LFO burners	2019
Electricity Supply Commission ESKOM, SA Medupi Power Station	P	South Africa	RSA	6	794	2.290	276	564	572			OT	TT	Bit. Coal	opposed	2015-2019
Electricity Supply Commission ESKOM, SA Medupi Power Station Auxiliary boiler	P	South Africa	RSA	3		90		300					IB	HFO	Duoblock HFO burners	2015-2019
Kronos Europe Gent		Belgium	BEL	1								Waterbed - Incinerator		CO gas natural gas	Waterbed - Incinerator	2018

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E.ON Kraftwerke AG, KW Datteln	A	Germany	DEU	1	1.100	2.940	305	600	620			OT	TT	Bit. Coal	opposed 30 DS burners	2018
E.ON Kraftwerke AG, KW Datteln Auxiliary boiler	A	Germany	DEU											LFO		2018
ENEA Elektrownia Koźienice	K	Poland	POL	1	1.075	2.894	266	603	621	59,2		OT	TT	Bit. Coal	direct opposed 32 DS burners	2017
ENEA Elektrownia Koźienice Auxiliary boiler	K	Poland	POL	4		140		305				NC	IB	LFO	Duoblock LFO burners	2017
Meja Urja Nigar Private Limited (UPRVUNL) Meja Thermal Power Project Stage I	S	India	IND	2	660	2.120	266	568	596	49,5		OT	TT	Bit. Coal	direct opposed 32 DS burners	2016-2017
Damoder Valley Corporation Limited (DVC) Raghunathpur Thermal Power Project Phase II	S	India	IND	2	660	2.120	266	568	596	49,5		OT	TT	Bit. Coal	direct opposed 32 DS burners	2017
NTPC Limited Solapur Super Thermal Power Project	S	India	IND	2	660	2.120	266	568	596	49,5		OT	TT	Bit. Coal	direct opposed 32 DS burners	2016
Kronos Titan Leverkusen		Germany	DEU	1								Waterbed - Incinerator		CO gas natural gas	Waterbed - Incinerator	2016
Electrabel Deutschland AG Kraftwerk Wilhelmshaven	A	Germany	DEU	1	790	2.103	289	603	621			OT	TT	Bit. Coal	opposed 16 DS burners	2015
Electrabel Deutschland AG Kraftwerk Wilhelmshaven Auxiliary boiler	A	Germany	DEU	Unit AB 1 Unit AB 2		AB 1: 65 AB 2: 34		AB 1: 350 AB 2: 385					IB	LFO	AB 1: LFO gunburners AB 2: LFO monoblock burner	2015

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Electrabel Nederland N.V. Maasvlakte Rotterdam	A	Netherlands	NLD	1	790	2.103	289	603	621			OT	TT	Bit. Coal	opposed 16 DS burners	2015
Electrabel Nederland N.V. Maasvlakte Rotterdam Auxiliary boiler	A	Netherlands	NLD	Unit AB 1 Unit AB 2 Unit AB 3		3 x 33	18	300					IB	LFO	Monoblock LFO burners	2015
E.ON Kraftwerke AG, KW Maasvlakte	A	Netherlands	NLD	1	1.100	2.940	305	600	620			OT	TT	Bit. Coal	opposed 30 DS burners	2015
Vattenfall Europe Generation AG & Co. KG, Kraftwerk Moorburg B	A	Germany	DEU	1	820	2.088	305	600	620			OT	TT	Bit. Coal	opposed 24 DS burners	2015
Vattenfall Europe Generation AG & Co. KG, Kraftwerk Moorburg B Auxiliary boiler	A	Germany	DEU	1		65		350					IB	LFO	Duoblock LFO burners	2015
Vattenfall Europe Generation AG & Co. KG, Kraftwerk Moorburg A	A	Germany	DEU	1	820	2.088	305	600	610			OT	TT	Bit. Coal	opposed 24 DS burners	2015
Vattenfall Europe Generation AG & Co. KG, Kraftwerk Moorburg A Auxiliary boiler	A	Germany	DEU	1		65		350					IB	LFO	Duoblock LFO burners	2015
Miro Mineralölraffinerie Oberrhein, Karlsruhe		Germany	DEU	2				300				Heat Recovery Boiler		Heat recovery		2015
SWB Energy and Water Heat and Power Plant Bonn		Germany	DEU	1	25			540				NC		Natural gas	3 Burners Bottom firing	2015
Wien Energie Thermal Waste Treatment plant Spittelau		Austria	AUT	2				400				NC		Municipal Solid Waste	Moving grate	2014 / 2015

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CHP RWE Dortmund B 11		Germany	DEU		SIEMENS S-GT400	140		470				NC	HRSG TP	Gas		2013
Steag-EVN, Kraftwerk Walsum 10	A	Germany	DEU	1	790	2.143	289	603	621			OT	TT	Bit. Coal	opposed 16 DS burners	2013
Steag-EVN, Kraftwerk Walsum 10 Auxiliary boiler	A	Germany	DEU											LFO		2013
swb Bonn CHP North		Germany	DEU	1	SIEMENS S-GT 700A	110		540	540			NC	HRSG Vertical	Natural gas	3 Burners Bottom firing	2012
VW Kassel Baunatal	A	Germany	DEU	1	Siemens S-GT 800	126		515				NC	HRSG Vertical	Natural gas	Duct Burner	2012
Voestalpine Steel Gebläsezentrale GBZ2 Linz		Austria	AUT	1				525				NC		BFS Blast furnace gas Natural gas	3 x Multi-Jet MD burner	2012
Municipality Saarbruecken		Germany	DEU	1	LM 2500 RD	44		450				NC	HRSG Vertical		none	2012
Vattenfall Europe Generation AG & Co. KG, Kraftwerk Boxberg R	A	Germany	DEU	1	670	1.760	315	600	610	54		OT	TT	Lignite	all wall, 24 RS burners	2012
Vattenfall Europe Generation AG & Co. KG, Kraftwerk Boxberg R Auxiliary boiler	A	Germany	DEU											LFO		2012
Uhde GmbH EAgrium	A	Egypt	EGY	2		166	150	510				NC	TP	Natural gas	Bottom Firing 4 ADS burners	2010

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Electrabel SA Gent	P	Belgium	BEL	1	330	867	193	558	566			OT		Blast furnace gas / Basic Oxygen furnace gas, Natural gas	opposed	2010
RWE Essen, Neurath G (BOA II)	K	Germany	DEU	1	1.100	2.620	292	580	600	59		OT	TT	Lignite	tangential, 16 burners, 8 vapour burners	2010
Uhde GmbH Sorfert	A	Algeria	ALG	3		166	150	510				NC	TP	Natural gas	Bottom Firing 4 ADS burners	2010
RWE Essen, Neurath F (BOA II)	K	Germany	DEU	1	1.100	2.620	292	580	600	59		OT	TT	Lignite	tangential, 16 burners, 8 vapour burners	2009
swb Erzeugung, MKK Mittelkalorisches Kraftwerk, Bremen		Germany	DEU	1				400				NC		Refuse Derived Fuel	Moving grate	2009
Nordzucker Kleinwanzleben Unit 2	A	Germany	DEU		SOLAR Taurus 60-7000S	60		525				NC	HRSG TP	Natural gas	Front Firing 2 GT-Burners	2008
Uhde GmbH Mopco	A	Egypt	EGY	1		166	150	510				NC		Natural gas	Bottom Firing 4 ADS burners	2008
Baoshan Iron &Steel Co.Ltd. Baosteel No. 4 PP Baoshan / Shanghai	A	China	CHN	1	350	1.170	230	569	569	44		OT	TT	Blast furnace gas, Coke oven gas, Natural gas, LDO	opposed, 18 burners	2008
CHP Würzburg Unit 2	A	Germany	DEU	1	32 SIEMENS S-GT 700A	95		515				NC	HRSG TP	Natural gas	2 Gas burner bottom firing	2008
Moscow		Russia	RUS	2				360				NC		Municipal Solid Waste	Moving grate	2007

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Uhde GmbH Helwan	A	Egypt	EGY	1			166	150	510			NC		Natural gas	Bottom Firing 4 ADS burners	2006
Uhde GmbH Suez II	A	Egypt	EGY	1			166	150	510			NC	TP	Natural gas	Bottom Firing 4 ADS burners	2006
Uhde GmbH Alexfert	A	Egypt	EGY	1			166	150	510			NC	TP	Natural gas	Bottom Firing 4 ADS burners	2006
CHP Pirmasens	A	Germany	DEU	1		Kawasaki GBP 70D			130			NC	HRSG Hot Water Boiler			2005
CHP Plant Würzburg Unit 4	K	Germany	DEU	1		Siemens S-GT 800	125		515			NC	HRSG Horizontal	Natural gas	duct burner	2005
VEW Vereinigte Elektrizitätswerke Westfalen AG for WESTFALEN D in Dortmund	A	Germany	DEU	1		350	926	310	600	620	62	OT	TT	Bit. Coal	opposed	design order
Südzucker AG, Zeitz	A	Germany	DEU	1			150	86	537			NC		Lignite	CFBC (Circofluid)	2004
Turkish Electricity Generation &Transmission Corporation for Elbistan B	A	Turkey	TUR	4		360	1.068	190	540	541	39,2	OT	TT	Lignite	tangential	2005/2006
swb Entsorgung Waste incineration plant Bremen		Germany	DEU	4					220			NC		Municipal Solid Waste	Moving grate	2004
Infraserv Hoechst Frankfurt Unit B2	A	Germany	DEU			GT: SIEMENS S-GT 800	330		525			NC	HRSG TP	NG, H2-Gas	9 GT-Exhaust Gas Burner, Fresh-Air	2003

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China National Import and Export Corporation (CNTIC) for DEZHOU in Shandong Province	A	China	CHN	2	660	2.209	197	541	541	41,1	NC	TP	Bit. Coal, Anthracite	opposed	2003
Siemens Project Ventures & STEAG Consortium for Iskenderun	A	Turkey	TUR	2	660	1.884	210	541	539	50	OT	TT	Bit. Coal	opposed	2003
RWE Essen, Niederaußem K	P	Germany	DEU	1	1.012	2.620	290	580	600	59	OT	TT	Lignite	tangential, 16 burners, 8 vapour burners	2003
Nordzucker Klein Wanzleben Unit 1	A	Germany	DEU		SOLAR Taurus 60-7000S	110		525			NC	HRSG TP		Front Firing 4 MHPS burners	2003
RWE and Thyssen AG for Duisburg HAMBORN in Hamborn	A	Germany	DEU	1	260	670	199	563	575	50	OT		Blast furnace gas, Coke plant gas, Natural gas	12 burners	2001
Bayernwerk für Debrecen	A	Hungary	HUN	1		108	108	540			NC		Waste heat		2000
Enron for Nowa Sarzyna, Poland		Poland	POL	2		95	108	540			NC		Waste heat, Gas	suppl. Firing	2000
Enron for Nowa Sarzyna, Poland		Poland	POL			95	108	540			NC		Waste heat, Gas	suppl. Firing	2000
GECOL, Tobruk	A	Libya	LBY	3		97	36	243			NC	IB	Heavy fuel oil		2000
IGSAS Fertiliser Plant, Izmet	A	Turkey	TUR	1	NA	120	118	510			NC	VI	Natural gas		2000

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Upsom S.A., Ocna Mures	A	Romania	ROM	2		70	45	445			NC	IB	Heavy fuel oil and gas		2000
VEAG Berlin for PS Lippendorf R, S	A	Germany	DEU	2	933	2.420	285	554	583	51	OT	TT	Lignite	tangential,16 burners	2000
VEAG, Berlin for PS BOXBERG IV / R	A	Germany	DEU	1	907	2.420	285	545	581	58	OT	TT	Lignite	tangential,32 burners	2000