



LIST OF REFERENCES SURFACE CONDENSERS

Note: Figures mentioned below are meant for one turboset.

Legend: F - fossil fuel fired O - other (biomass, waste etc.)
* N - nuclear C - combined cycle

Year of production	Project name	Country of destination	No. of units and output [MW]	Power plant *	Condensing surface for one unit [m ²]	Material of tubes	Cooling water source	Steam exhaust arrangement
2000	La Puebla	Spain	3.5	O	330	CuZn20Al2	cooling tower	Axial
2001	Ocaña	Spain	3.5	O	330	CuZn20Al2	cooling tower	Axial
2002	Fergana II	Uzbekistan	2 x 5.3	F	260	CuZn20Al2	cooling tower	Axial
2003	Shen Tou 3,4 3)	China	2 x 500	F	2 x 12 040	HSn70-1	cooling tower	Radial
2003	Shen Tou 3,4 Condenser of BFP 3)	China	2 x 500	F	2 x 2 200	HSn70-1	cooling tower	Radial
2004	Třebovice TG16	Czech Rep.	72	F	3 360	CuZn20Al2	cooling tower	Radial
2004	Tang Shan	China	25	F	1 070	HSn70-1	cooling tower	Radial
2004	Třinec	Czech Rep.	25	F	1 790	CuZn20Al2	cooling tower	Radial
2004	Punta Gorda	Cuba	25	F	1 070	CuZn20Al2	cooling tower	Radial
2005	Uttam 4)	Sudan	13	O	1 200	SB 111 C68700	cooling tower	Radial
2005	Weifang	China	30	F	1 600	CuZn20Al2	cooling tower	Radial
2005	Kaučuk Kralupy TG2	Czech Rep.	30	F	830	CuZn20Al2	river	Radial
2005	Södra Mönsterås	Sweden	33	O	2 765	Stainless Steel (1.4541)	cooling tower	Radial
2005	Yanzhou	China	30	F	1 950	CuZn20Al2	cooling tower	Radial
2006	Tonghua	China	34	F	2 600	CuZn20Al2	cooling tower	Radial
2006	Atherinolakkos	Greece	2 x 50	F	2 x 3 130	Titanium	sea	Radial
2006	Erdemir	Turkey	40	F	4 250	CuNi90-10	sea	Radial
2006	Riga	Latvia	150	C	9 900	Stainless Steel (1.4541)	cooling tower	Radial
2006	Zagreb	Croatia	40	C	2 650	Stainless Steel (1.4541)	river	Radial
2006	EVI Europark	Germany	60	O	5 100	Stainless Steel (1.4571)	cooling tower	Axial



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2006	EVI Europark - auxilliary condenser	Germany	60	O	1 410	Stainless Steel (1.4571)	cooling tower	Radial
2007	Tušimice II refurbishment 5)	Czech Rep.	4 x 200	F	11 125	Stainless Steel (1.4541)	cooling tower	Radial
2007	Tušimice II - Condenser of BFP refurbishment 5)	Czech Rep.	4 x 200	F	705	Stainless Steel (1.4541)	cooling tower	Radial
2007	Balloki	Pakistan	77	C	6 970	Stainless Steel (1.4571)	cooling tower	Axial
2007	Těreškovo	Russia	75	C	7 900	Stainless Steel (1.4541)	cooling tower	Radial
2008	Kožuchovo	Russia	75	C	7 900	Stainless Steel (1.4541)	cooling tower	Radial
2008	Höchst Ebara	Germany	86	O	5 250	Titanium	cooling tower	Radial
2008	Höchst - auxilliary condenser	Germany	86	O	1 720	Titanium	cooling tower	Radial
2008	Muridke	Pakistan	77	F	6 970	Stainless Steel (1.4571)	cooling tower	Axial
2009	Sredneuralskaya	Russia	140	C	4 020	Stainless Steel (1.4541)	lake	Radial
2009	Plzeň	Czech Rep.	10	O	665	Stainless Steel (1.4541)	cooling tower	Radial
2010	Ledvice	Czech Rep.	660	F	2 x 19 000	Stainless Steel (1.4541)	cooling tower	Radial
2010	Boca de Jaruco	Cuba	160	C	12 000	Titanium	sea	Radial
2010 - 2011	Mochovce	Slovakia	4 x 220	N	2 x 10 760	Titanium	cooling tower	Radial



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2011	Počerady	Czech Rep.	270	C	21 300	Stainless Steel (1.4571)	cooling tower	Radial
2011	Slovnaft SN Edison	Slovakia	60	F	3 650	Stainless Steel (1.4571)	cooling tower	Radial
2011	Cankiri Orta 6)	Turkey	3 x 133	F	7 800	Stainless Steel (1.4301)	cooling tower	Axial
2012	Prunéřov	Czech Rep.	3 x 250	F	11 690	Stainless Steel (1.4541)	cooling tower	Radial
2012	Kladno	Czech Rep.	135	F	7 550	Stainless Steel (1.4571)	cooling tower	Radial
2012	Essar	India	30	F	2 480	Admiralty Brass (main condensing zone) + TP304 (air cooling zone)	cooling tower	Radial
2012	Stendal	Germany	40	O	4 300	Stainless Steel (Duplex steel 1.4462)	cooling tower	Radial
2013	Bolu Goynuk	Turkey	2 x 135	F	7 800	Stainless Steel (1.4571)	cooling tower	Axial
2013	Stalowa Wola	Poland	160	C	12 670	Stainless Steel (1.4571)	cooling tower	Radial
2014	EC Nowa	Poland	55	F	3 955	Stainless Steel (1.4571)	cooling tower	Radial
2014	Hamburger	Hungary	44	O	1 256	Stainless Steel (1.4571)	cooling tower	Radial



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2014	Green Swiecie	Poland	76	O	4 050	Stainless Steel (1.4571)	cooling tower	Axial
2014	Lichterfelde	Germany	116	C	9 196	Stainless Steel (1.4571)	river	Radial
2014	ZW Tychy	Poland	65	F	4 235	Stainless Steel (1.4571)	cooling tower	Radial
2015	Värö	Sweden	50	O	2 800	Stainless Steel (1.4571)	cooling tower	Radial
2015	Dublin	Ireland	70	O	2 375	Titanium	sea	Axial

- 3) HSn70-1 is Admiralty brass equivalent
- 4) SB 111 C68700 is CuZn20Al2 equivalent
- 5) Condenser modules to be placed to the original shells
- 6) Project was suspended

ANOTHER 432 CONDENSERS WERE DESIGNED IN DOOSAN ŠKODA POWER BETWEEN YEAR 1951 AND 1999.