

ELECTROSTATIC PRECIPITATORS & BAG FILTERS

ELECTROSTATIC PRECIPITATORS

No.	Object	Country	Number of boiler	Unit capacity	Flue gas flow [Nm ³ /h]	Dust emission mg/Nm ³	Fuel	Year of start up
1	Energetyka Dwory Oświęcim	Poland	K9	140 t/h	170 000	<50	hard coal	2009
2	Heating Plant Kawęczyn	Poland	K3	200 Gcal	507 245	<50	hard coal	2009
3	Siekierki Power Plant	Poland	K1	105 MW	304 000	<50	hard coal	2009
4	Power Plant Bełchatów	Poland	K4	370 MW	2 050 000	<50	brown coal	2009
5	Waste Inciner. Plant EISAB Renova AG Goeteborg	Sweden	K4, K5	----	2 x 150 000	<25	municipal waste	2009
6	Waste Incinerating Plant Goeteborg K7	Sweden	K7	Waste Incinerating Plant	103 000	<25	municipal waste	2010
7	Thermal Power Plant Bydgoszcz	Poland	K3	166 MW	309 000	<50	hard coal	2010
8	Kozienice Power Plant	Poland	K10	560 MW	2 240 001	<50	hard coal	2010
9	Kozienice Power Plant	Poland	K4	200 MW	850 000	<30	hard coal	2011
10	Obrenovac Power Plant	Serbia	A6	350 MW	2 x 1 660 000	<45	brown coal	2011
11	Obrenovac Power Plant	Serbia	B2	675 MW	5 587 400	<45	brown coal	2011
12	Bełchatów Power Plant	Poland	K5, K6	360 MW	2 x 2 050 001	<50	brown coal	2011
13	Opole Power Plant	Poland	K2	385 MW	1 490 000	<40	hard coal	2011
14	Petrochemical Plant Plock	Poland	K8	50 MW	350 000	<25	Oil / gas	2011
15	Jaworzno II Power Plant	Poland	OFz-201	50 MW	270000	<20	hard coal	2012
16	Siersza Power Plant	Poland	K3	120 MW	500 000	<300	hard coal	2012
17	Boxberg Power Plant	Germany	Block R	670 MW	2 607 000	<20	brown coal	2012

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18	Kozienice Power Plant	Poland	K3	200 MW	850 000	<30	hard coal	2012
19	Kozienice Power Plant	Poland	K8	200 MW	850 000	<30	hard coal	2013
20	Tuzla Power Plant	Bosnia & Herzegovina	K6	215 MW	1 050 000	<30	brown coal	2013
21	Westfalen Power Plant	Germany	Block D i E	800 MW	2 x 1 937 000	<10	hard coal	2014
22	Eemshaven Power Plant	Germany	Block A i B	800 MW	2 x 1 937 000	<10	hard coal	2014
23	Soma Power Plant	Turkey	K3, K4	165 MW	2 x 1 060 000	<50	brown coal	2014
24	Łaziska Power Plant	Poland	K12	225 MW	7 500	<50	hard coal	2014
25	ZTUO Szczecin	Poland	Line 1 and 2	---	2 x 59 913	<10	municipal waste	2019
26	Kirka Borax Plant	Turkey	OFz75	----	90 000	<50	brown coal	2016
27	Melnik Power Plant	Czech Republic;	K1-K6	230 MW	6 X 358 000	<30	brown coal	2015
28	ZAK S.A Chemical Plant Kędzierzyn	Poland	OP-140	25 MW	150 496	<500	hard coal	2017
29	Morava Power Plant	Serbia	OB-380	120 MW	700000	<50	brown coal	2017
30	Ostrołęka Power Plant	Poland	K1-K3	3x225 MW	780000	<20	hard coal	2017
31	Kozienice Power Plant	Poland	K9	560 MW	2250000	<20	hard coal	2019
32	Jankowice CHP Plant	Poland	K1, K2	2xWR-10 2xOR-10	8000	<100	hard coal	2018
33	Petrochemical Plant Płock	Poland	Regenerator FKK II	Catalic Craking Process	170000	<50	catalyst	2019
34	Bełchatów Power Plant	Poland	K2	BB-1150, 370 MW	2050000	< 30	brown coal	2020
35	Jaworzno Power Plant	Poland	BP-2450	910 MW	2 417 686	<30	hard coal	2020
36	Lombok Power Plant	Indonesia	2 x OB.-380	2 x 50 MW	250 000	< 100	hard coal	2022

BAG FILTERS

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1	ETB Trebovice	Czech Republic	K3, K4	55,3 MW	2 x 253 000	<18	hard coal	2014
2	Synthos Dwory Chemical Plant Oświęcim	Poland	OFz -140	100 MWt	140 655	<10	hard coal	2015
3	ZAK S.A. Chemical Plant Kędzierzyn Koźle	Poland	OP-140	25 MW	200 000	<10	hard coal	2016
4	Plant in Poland	Poland	OP - 140	----	560000	<4,5	hard coal	2017

BAG FILTERS for FGD Plant

No.	Object / Client	Country	Boiler Number /	Dust Guaranteed	Dust Measured	Fuel	Year of start-up
1	Łódź IV CHP Plant	Poland	OP-430	< 50 mg/m ³ _n	4 mg/m ³ _n	hard coal	2004
2	Łódź IV CHP Plant	Poland	K1-K2 OP-230	< 50 mg/m ³ _n	4 mg/m ³ _n	hard coal	2007
3	Skawina I Power Plant	Poland	K8- K11 OP-210	< 20 mg/m ³ _n	8 mg/m ³ _n	hard coal	2008
4	Skawina II Power Plant	Poland	K5-K6 OP-230	< 20 mg/m ³ _n	7- 9 mg/m ³ _n	hard coal	2008
5	CHP Plant Białystok	Poland	K7 i K8	< 10 mg/m ³ _n	----	hard coal	2017
6	IP Kwidzyń	Poland	K1-K3 OP-140	< 75 mg/m ³ _n	----	hard coal	2018
7	EC Wilno	Lithuania	OFz - 135	< 5 mg/m ³ _n	----	hard coal	2024
8	JSW KOKS S.A. Radlin	Poland	OG-65	----	----	coken oven gas	2023