

Appendix 12.

TENT A6_ Overview of the ESP performance

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The overview of the results from unity probe of ESP's - unit A6

	LEFT ESP(EF I)															RIGHT ESP (EF II)																					
	P (MW)	Hd (kJ/kg)	A (%)	Vx10 ³ (m ³ /h)	O ₂ (%)	t (°C)	v (m/s)			U(kV)			I(A)			η (%)	c _{ul} (g/m ³)	c _{iz} (mg/m ³)	P (MW)	Hd (kJ/kg)	A (%)	Vx10 ³ (m ³ /h)	O ₂ (%)	t (°C)	v (m/s)	U(kV)			I(A)			η (%)	c _{ul} (g/m ³)	c _{iz} (mg/m ³)			
							1	2	3	4	5	6	7	8	9											10	11	12	1	2	3				4	5	6
							15.1	40	48	0.76	0.72													15.8	53	52	0.71	0.79									
2007	309	8823	10	682	8.1	178	15.0	56	58	0.7	0.67						126	309	8823	10	668	7.5	191	14.9	42	61	0.80	0.82							244		
																									52	68	0.69	0.75									
							15.1	40	48	0.76	0.72													15.4	53	52	0.71	0.79									
	309	8833	12	680	7.8	176	14.8	56	58	0.70	0.67						130	309	8833	12	665	7.4	193	15.2	42	61	0.80	0.82							202		
																									52	68	0.69	0.75									
							14.9	39	47	0.77	0.8													15.4	52	50	0.75	0.80									
							14.4	52	51	0.62	0.65												194	14.4	40	56	0.79	0.80									

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The flows (Vx10³ m3/h) are referred on the nominal conditions (0°C, 1013 mbar) and dry gas

The emission is referred to the nominal condition (0°C, 1013 mbar), dry gas and reference oxygen by 6% O₂.

The recalculation of the input ash particles concentrations on (00°C, 1013 mbar), dry gas and 6% O₂ from 1993. till 2002. was done based on the content of the wetness and oxygen in ash dust at the output from ESP.

Garancijska ispitivanja EF su izvršena 1982. godine.

V (m³/h) , O₂ (%) i t(°C) i c_{ul} (mg³ /m³)- measured at the output of ESP

v(m/s) -the measured velocity values in dust gas channel beyond the ESP