pg. 6 col. 101

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62827	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		8.565376	0	TotelcogG	TotelcogS								9.3E-13	0	125961.4	125961.4
																				8.565376	0											

Products			Emmiss				Inv LCP	mil E	0	Inv NET	mil E	0.00	Fuelcosts	mil E	O&Mcos	mil E
Heat sold	TJ/y	647	CO2	t/y	9.3E-13		C 1	mil E	0	Tr Pump		0.00	coal	0	Tpump&is	0.042058
Losses	TJ/y	209	SO2 C2	t/y	0		F		0	Tr NET		0.00	gas	14.09435	D pump	0.280598
Heat C1	TJ/y	117.0033	NOx C1	t/y	8.911713		LOilTank		0	PT		0.00	biomass	0	DESOX	0
Heat C2	TJ/y	850.7781	NOx C2	t/y	85.18791		F		0	Dist NET		0.00	waste H	0	Free	0
Heat CT	TJ/y	85.30905	Dust C2	t/y	0		CAF 100		0	CT		0.00	others	0	Ist Depr	0.98
HeatDwell	TJ/y	554.8672	Emm lim				F		0	TOTAL	mil E	0.00	TOTAL	14.09435	Sal	5.900741
HeatPublic	TJ/y	21.998	CO2	t/y	Relative		F		0				Fuel cons		Cfix	5.48215
H Industrie	TJ/y	0	SO2 C2	t/y	0.00		C2	mil E	0				gsE3Mcly	42451.84	Others	0
H Services	TJ/y	21.351	NOx C1	t/y	20		St boil 15 t/h		0				Coal t/y	0	TOTAL	12.063
El Tot C1	MWh/y	0	NOx C2	t/y	0.00		LOilTank		0				biom t/y	0	Electr inc	mil E
El Tot C2	MWh/y	125961.4	Dust C2	t/y	22.00		F		0				gas TJ/y	1510.833	C1	0
El Cogen	MWh/y	125961.4	EM verif				GAS duct		0				coal TJ/y	0	C2	8.565376
El hef Cog	MWh/y	125961.4	CO2 limit		WARNING		Comb Cy		0				biom TJ/y	0	Total	8.565376
El Tot	MWh/y	125961.4	SO2 C2		OK		Water ep		0				Total TJ/y	1510.833	CO2 inc	mil E 3.1E-17
			NOx C1		OK		Col cen		0.00							
			NOx C2		OK		inch dep		0							
			Dust C2		OK		Waste Pl		0							

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOICAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	173	0	0	0	1.00	2019	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	0,x	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62827	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		8.565376	0	TotelcogG	TotelcogS								9.3E-13	0	125961.4	125961.4
																				8.565376	0											

Products			Emmiss				Inv LCP	mil E	0	Inv NET	mil E	0.00	Fuelcosts	mil E	O&Mcos	mil E
Heat sold	TJ/y	647	CO2	t/y	9.3E-13		C 1	mil E	0	Tr Pump		0.00	coal	0	Tpump&is	0.042058
Losses	TJ/y	209	SO2 C2	t/y	0		F		0	Tr NET		0.00	gas	14.09435	D pump	0.280598
Heat C1	TJ/y	117.0033	NOx C1	t/y	8.911713		LOilTank		0	PT		0.00	biomass	0	DESOX	0
Heat C2	TJ/y	850.7781	NOx C2	t/y	85.18791		F		0	Dist NET		0.00	waste H	0	Free	0
Heat CT	TJ/y	85.30905	Dust C2	t/y	0		CAF 100		0	CT		0.00	others	0	Ist Depr	0.32
HeatDwell	TJ/y	554.8672	Emm lim				F		0	TOTAL	mil E	0.00	TOTAL	14.09435	Sal	5.900741
HeatPublic	TJ/y	21.998	CO2	t/y	Relative		F		0				Fuel cons		Cfix	5.48215
H Industrie	TJ/y	0	SO2 C2	t/y	0.06		C2	mil E	0				gsE3Mcly	42451.84	Others	0
H Services	TJ/y	21.351	NOx C1	t/y	20		St boil 15 t/h		0				Coal t/y	0	TOTAL	12.00021
El Tot C1	MWh/y	0	NOx C2	t/y	0.00		LOilTank		0				biom t/y	0	Electr inc	mil E
El Tot C2	MWh/y	125961.4	Dust C2	t/y	22.00		F		0				gas TJ/y	1510.833	C1	0
El Cogen	MWh/y	125961.4	EM verif				GAS duct		0				coal TJ/y	0	C2	8.565376
El hef Cog	MWh/y	125961.4	CO2 limit		WARNING		Comb Cy		0				biom TJ/y	0	Total	8.565376
El Tot	MWh/y	125961.4	SO2 C2		OK		Water ep		0				Total TJ/y	1510.833	CO2 inc	mil E 3.2E-17
			NOx C1		OK		Col cen		0.00							
			NOx C2		OK		inch dep		0							
			Dust C2		OK		Waste Pl		0							

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOICAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	173	0	0	0	1.00	2020	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	0,x	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0

PS 2 col E
#2

0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.82927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4
																			8.565376	0												

Products		
Heat sold	TJ/y	847
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	564.6672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.16791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2emis		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.02235
Electr inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 inc	mil E	-3.3E-17

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	173	0	0	0	1.00	2021	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.82927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4
																			8.565376	0												

Products		
Heat sold	TJ/y	847
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	564.6672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.16791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2emis		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.02179
Electr inc	mil E	
C1		0
C2		8.565376
Total		8.555376
CO2 inc	mil E	-3.3E-17

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	685	0	0	0	1.00	2022	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.82927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4

pg. 8 col 1 #3

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.18791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

8.565376 0

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042056
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.31
Sal		5.900741
Cfix		5.99415
Others		0
TOTAL		12.8312
Electr inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 inc	mil E	-3.4E-17

SalOPSEC	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	SNOICAFC2	NOi CAC2	NO act C2	NO re C2	NOxi CAF	NOxi CAF	NOxi CAF	NOxi CAF	NOxi CAF	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2023	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08	0
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7416	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376				0	TotelcogG	TotelcogS						9.3E-13		0	125961.4	125961.4

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.18791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

8.565376 0

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42401.84
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042056
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.01042
Electr inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 inc	mil E	-3.5E-17

SalOPSEC	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	SNOICAFC2	NOi CAC2	NO act C2	NO re C2	NOxi CAF	NOxi CAF	NOxi CAF	NOxi CAF	NOxi CAF	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2024	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08	0
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7416	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376				0	TotelcogG	TotelcogS						9.3E-13		0	125961.4	125961.4

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.18791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435

O&Mcos	mil E	
Tpump&is		0.042056
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215

H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

St boil 15 t/h	0
LOilTank	0
F	0
GAS duct	0
Comb Cy	0
Water ep	0
Col cen	0.00
Inch dep	0
Waste Pl	0

Fuel cons	
gsE3Mc/y	42451.64
Coal t/y	0
biom t/y	0
gas TJ/y	1510.833
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1510.833

Others	0
TOTAL	12.01032
Electr inc mil E	
C1	0
C2	8.565376
Total	8.565376
CO2 inc mil E	-3.8E-17

SalOPSE(	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOiCAFC:	NOi CAC2	NO act C2	NO re C2	NOxi CAF'	NOxi CAF:	NOxi CAF:	NOxi CAF4	NOxi CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2025	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7884	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4
																			8.565376	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.18791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.25
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		11.95884
Electr inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 inc	mil E	-3.7E-17

SalOPSE(	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOiCAFC:	NOi CAC2	NO act C2	NO re C2	NOxi CAF'	NOxi CAF:	NOxi CAF:	NOxi CAF4	NOxi CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2026	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7884	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4
																			8.565376	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.18791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.20
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		11.90765
Electr inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 inc	mil E	-3.7E-17

Dust C2 OK Waste Pl 0

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC2 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	685	0	0	0	1.00	2027	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	468.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	80	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4
																			8.565376	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8872
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.16791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280588
DESOX		0
Free		0
Ist Depr		0.18
Sal		5.900741
Cfix		5.98415
Others		0
TOTAL		12.39855
Electr Inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 Inc	mil E	-3.7E-17

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC2 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0.00	5309.15	173	0	0	0	1	2028	0.144054	0	0	0	0	0	0	0	150	67	0	0	0	0	0	0	150	67	0	0	0	20	0	0	0	22	0
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	468.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	785.3591	86.43177	52	90	29	87	39.55	86	558.7418	431.7646	990.5064	26.12146	5.481775	0	5.481775	0	0	67	52.61906	0	0	0	1	1	0	0	80614.34	80614.34
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	8.565376	0	TotelcogG	TotelcogS									9.3E-13	0	125961.4	125961.4
																			8.565376	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	850.7781
Heat CT	TJ/y	86.30905
HeatDwell	TJ/y	554.8872
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125961.4
El Cogen	MWh/y	125961.4
El hef Cog	MWh/y	125961.4
El Tot	MWh/y	125961.4

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	85.18791
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		14.09435
biomass		0
waste H		0
others		0
TOTAL		14.09435
Fuel cons		
gsE3Mc/y		42451.64
Coal t/y		0
biom t/y		0
gas TJ/y		1510.833
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1510.833

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280588
DESOX		0
Free		0
Ist Depr		0.14
Sal		6.900741
Cfix		5.48215
Others		0
TOTAL		11.8486
Electr Inc	mil E	
C1		0
C2		8.565376
Total		8.565376
CO2 Inc	mil E	-3.7E-17

Anexa 5.4 - IV
Calc pg. 1 col III
#06

NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C1 t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00	0.00	90.00	1099.00	8132.00	263.00	0.00	0	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.042	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	5.63	0.00	0.00	0.00	0.00	1.00	0.00	0.41	0.00	10.77	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.56	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	10.37	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.75	0.00	0.877	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.76	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0
67.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0

Definirea zonelor, valorilor si timpilor			Nume				An / Index	2008 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	2009 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	2010 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	2011 Vmax L
z1	CAF GAS	L1				1min.trapN	1	104.00	100.00	10.00	44.00	4	0	10	44	104.00	100.00	1.00	15.00	4	0	1	15	104.00	100.00	1.00	1.00	0	0	1	1	104.00
z2	CAF GAS L 2					2etr colt	1	100.00	90.00	44.00	129.00	10	0	44	129	100.00	90.00	15.00	100.00	10	0	15	100	100.00	90.00	1.00	71.00	10	0	1	71	100.00
z3	CAF GAS L3					3trpenta	1	90.00	80.00	129.00	271	10	0	129	271	90.00	80.00	100.00	186	10	0	100	186	90.00	80.00	71.00	156	10	0	71	156	90.00
z4	CAF GAS L 4					4trap col	1	80.00	70	271.00	544.00	10	0	271	544	80.00	70	186.00	476.00	10	0	186	476	80.00	70	156.00	406.00	10	0	156	406	80.00
z5	CAF GAS L 5				daca 3		1	70.00	60.00	544.00	1639.00	10	0	544	1639	70.00	60.00	476.00	1155.00	10	0	476	1155	70.00	60.00	406.00	658.00	10	0	406	658	70.00
z6	CAF GAS L 6				atunci		1	60.00	50.00	1639.00	3084.00	10	0	1639	3084	60.00	50.00	1155.00	2599.00	10	0	1155	2599	60.00	50.00	658.00	2103.00	10	0	658	2103	60.00
z7	CAF GAS L 7				nx4-2		1	50.00	31.00	3084.00	3884.00	19	0	3084	3884	50.00	31.00	2599.00	3811.00	19	0	2599	3811	50.00	31.00	2103.00	3724.00	19	0	2103	3724	50.00
z8	Turbina Gaz Chimiei						3	31.00	22.00	3884.00	4283.00	19	10	3884	4283	31.00	22.00	3811.00	4201.00	19	10	3811	4201	31.00	22.00	3724.00	4130.00	19	10	3724	4130	31.00
z9	Babcock						4	22.00	17.00	4283.00	4809.00	10	5	0	348	22.00	17.00	4201.00	4545.00	10	5	0	344	22.00	17.00	4130.00	4476.00	10	5	0	346	22.00
z10	Babcock						2	17.00	12.00	4809.00	5722.00	5	0	0	1113	17.00	12.00	4545.00	5631.00	5	0	0	1086	17.00	12.00	4476.00	5535.00	5	0	0	1059	17.00
z11	Ciclu mixt Chimiei						3	12.00	8.00	1.00	1.00	0	8	1	1	12.00	8.00	1.00	1.00	0	8	1	1	12.00	7.66	5535.00	8760.00	12	7.66	5535	8760	12.00
z12	Ciclu mixt Chimiei						1	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00
z13	Babcock						3	12.00	8.00	5722.00	8760.00	12	8	6001	8760	12.00	7.83	5631.00	8760.00	12	8	6001	8760	0.00	0.00	0.00	0.00	0	0	0	0	0.00
z14							1	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00
z15							1	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00

PI D 6 C2 t	PI N 7 C2 t	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1
127.00	0.00	0.00	90.00	1099.00	8132.00	263.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

zonele se incarca de la virf spre baza,fara colturi
daca o unitate nu este folosita, se pun valori 0,0,0,0
sau 1,1,1,1 . Adresa Tmaxl.,Tmin L se stabileste la inceput
prin identificare pentru primul an. I
Se copiaza zona bleu-turcoaz-roz. Apoi se da paste special
"FORMULAS" pentru toti anii cu albastrul pe zonele galbene.
Orice zona necesita un index.
Ultima zona trebuie sa fie trapez normal si Vmin=0
Ea poate fi si dreptunghi (cod de trap.normal)
Zonele depenta si colt trebuie scrise tot de la virf spre baza iar
adresele rebuie verificate si rescrise pentru ca pot aparea salturi
daca nu exista colt definit in fiecare strat. Se dau, la fel, adresele
pentru durate.Pentru ca este necesara mereu o zona precedenta
ea trebuie stabilita cu atentie si mai trebuie o ultima zona
precedenta care sa fie CAF cu toate valorile "0".
Rezultatele Vmax,Vmin, Tmax,Tmin sint transcrise cu paste link
la fiecare an din desfasuratorul vertical.

Link	2008	2009	2010
104.00	10.00	1.00	1.00
100.00	44.00	15.00	1.00
90.00	129.00	100.00	71.00
80.00	271.00	186.00	156.00
70.00	544.00	476.00	406.00
60.00	1639	1155	658
50.00	3084	2599	2103
31.00	3884	3811	3724
22.00	4283	4201	4130
17.00	4809	4545	4476
12.00	5722	5631	5535
0.00	8760	8760	8760
0.00	0	0	0

PI D 6 C2 t	PI N 7 C2 t	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1
127.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.042	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29	0.00	0.00	0.02	0.00

1 28.0944 210 0.497

Pg. 2 col II

1	28.0944	210	0.497
1	28.0944	210	0.497
0	0	0	0
1	101.7598	230	0.497
1	52.07439	52.07439	0.2
1	1.702432	1.702432	0.285
0	0	0	0
0	0	0	0

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	5.63	0.00	0.00	0.00	0.00	1.00	[illegible]	0.41	0.00	10.77	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	5.69	0.00	0.00	1.35	0.00

1	28.0944	210	0.497
1	28.0944	210	0.497
1	28.0944	210	0.497
0	0	0	0
1	98.14044	230	0.497
1	52.07439	52.07439	0.2
1	1.702432	1.702432	0.285
0	0	0	0
0	0	0	0

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.56	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	10.37	0	0	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.91	0.00	0.00	0.51	0.00

1	28.0944	210	0.497
1	28.0944	210	0.497
1	28.0944	210	0.497
0	0	0	0
1	98.14044	230	0.497
1	52.07439	52.07439	0.2
1	1.702432	1.702432	0.285

pg. 3 cont'd

0	0	0	0
0	0	0	0

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.75	0.00	0.877	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98	0.00	0.00	0.00	0.00

1	28.0944	210	0.497
1	28.0944	210	0.497
1	28.0944	210	0.497
0	0	0	0
1	93.31462	230	0.497
1	46.06581	46.06581	0.2
1	1.702432	1.702432	0.285
0	0	0	0
0	0	0	0

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.76	0.00	0	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.00	0.00	0.00	0.00

pg 4 col 4

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00		0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00		0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pg. 5 col 11
#10

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00		0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00		0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00		0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

pg. 6 col. #1

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 8 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 8 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

pg. 8 col 1
#3

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

pg. 9 col 1

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pg local

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Pl D 6 C2	Pl N 7 C2	Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste
t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1
22	0	0	90	1099	8132	157	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

pg. 1 col V

Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An	Dwellings %	Industrie %	Services %	Publics %	Rand CT %
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2008.00	85.76	0	3.30	3.40	93.30
0.042	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29	0.000	0.00	0.02	0.00	1.00	2009.00	85.76	0	3.30	3.40	93.30
10.77	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	5.09	0.000	0.00	1.38	0.00	1	2010.00	85.76	0	3.30	3.40	93.30
10.37	0	0	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.91	0.000	0.00	0.51	0.00	1	2011.00	85.76	0	3.30	3.40	93.30
0.877	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98	0.000	0.00	0.00	0.00	1	2012.00	85.76	0	3.30	3.40	93.30
0.00	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.000	0.00	0.00	0.00	0	2013.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2014.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2015.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2016.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2017.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2018.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2019.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2020.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2021.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2022.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2023.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2024.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2025.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2026.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2027.00	85.76	0	3.30	3.40	93.30
0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2028.00	85.76	0	3.30	3.40	93.30

Paste Tr	Copy	2008	2009	2010	2011	2012	2013	2014
	104.00	10.00	1.00	1.00	1.00	1	1	1
	100.00	44.00	15.00	1.00	1.00	1	1	1
	90.00	129.00	100.00	71.00	42.00	13	1	1
	80.00	271.00	186.00	158.00	127.00	98	89	55
	70.00	544.00	476.00	406.00	261.00	183	154	135
	60	1639	1155	658	539	470	401	327
	50	3084	2599	2103	1605	1108	818	544
	31	3884	3811	3724	3622	3498	3284	2997
	22	4283	4201	4130	4046	3946	3823	3539
	17	4609	4545	4476	4399	4311	4207	3895
	12	5722	5631	5535	5435	5331	5222	4803
	0	8760	8760	8760	8760	8760	8760	8760
	0	0	0	0	0	0	0	0

	2011								2012								2013								2014								2015	
Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L
1	104.00	100.00	1.00	1.00	0	0	1	1	104.00	100.00	1.00	1.00	0	0	1	1	104.00	100.00	1.00	1.00	0.00	0.00	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00
71	100.00	90.00	1.00	42.00	10	0	1	42	100.00	90.00	1.00	13.00	10	0	1	13	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00
156	90.00	80.00	42.00	127	10	0	42	127	90.00	80.00	13.00	98	10	0	13	98	90.00	80.00	1	89	10	0	1	89	90.00	80.00	1	55	10	0	1	55	90.00	80.00
406	80.00	70	127.00	261.00	10	0	127	261	80.00	70	98.00	183.00	10	0	98	183	80.00	70	89	154	10	0	89	154	80.00	70	55	135	10	0	55	135	80.00	70
658	70.00	60.00	261.00	539.00	10	0	261	539	70.00	60.00	183.00	470.00	10	0	183	470	70.00	60.00	154.00	401	10	0	154	401	70.00	60.00	135.00	327	10	0	135	327	70.00	60.00
2103	60.00	50.00	539.00	1605.00	10	0	539	1605	60.00	50.00	470.00	1108.00	10	0	470	1108	60.00	50.00	401	818	10	0	401	818	60.00	50.00	327	544	10	0	327	544	60.00	50.00
3724	50.00	31.00	1605.00	3622.00	19	0	1605	3622	50.00	31.00	1108.00	3498.00	19	0	1108	3498	50.00	31.00	818	3284	19	0	818	3284	50.00	31.00	544	2997	19	0	544	2997	50.00	31.00
4130	31.00	22.00	3622.00	4046.00	19	10	3622	4046	31.00	22.00	3498.00	3946.00	19	10	3498	3946	31.00	22.00	3284	3823	19	10	3284	3823	31.00	22.00	2997	3539	19	10	2997	3539	31.00	22.00
4349	22.00	17.00	4046.00	4399.00	10	5	0	353	22.00	17.00	3946.00	4311.00	10	5	0	365	22	17	3823	4207	10	5	0	384	22	17	3539	3895	10	5	0	356	22	17
1059	17.00	12.00	4399.00	5435.00	5	0	0	1036	17.00	12.00	4311.00	5331.00	5	0	0	1020	17	12	4207	5222	5	0	0	1015	17	12	3895	4803	5	0	0	908	17	12
8760	12.00	7.50	5435.00	8760.00	12	7.5	5435	8760	12.00	7.33	5331.00	8760.00	12	7.33	5331	8760	12	7.16	5222	8760	12	7.16	5222	8760	12	7	4803	8760	12	7	4803	8760	12	6.83
0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An	Dwellings %	Industrie %	Services %	Publics %	Rand CT %
0.00	0.00	0	2008.00	85.76	0.00	3.30	3.40	93.30

			2011								2012								2013								2014							
			1								1								1								1							
			1								1								1								1							
			1								1								1								1							
			42								12								89								55							
			127								98								154								135							
			261								183								401								327							
			539								470								818								544							
			1605								1108								3284								2997							
			3622								3498								3823								3539							
			4046								3946								4207								3895							
			4399								4311								5222								4803							
			5435								5331								8760								8760							
			8760								8760								0								0							
			0								0																							

Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An	Dwellings %	Industrie %	Services %	Publics %	Rand CT %
0.02	0.00	1	2009.00	85.76	0	3.30	3.40	93.30

pg 1 col VI

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	37	26	17	17	17	17	17	17	17	17	17	17	17
125	117	106	97	97	97	97	97	97	97	97	97	97	97
276	228	186	177	177	177	177	177	177	177	177	177	177	177
521	499	476	453	453	453	453	453	453	453	453	453	453	453
2833	2675	2507	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349
3482	3423	3356	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291
3836	3775	3709	3661	3661	3661	3661	3661	3661	3661	3661	3661	3661	3661
4599	4417	4301	4283	4283	4283	4283	4283	4283	4283	4283	4283	4283	4283
8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
0	0	0	0	0	0	0	0	0	0	0	0	0	0

2014																			
59	48	39	28	18	18	18	18	18	18	18	18	18	18	18	55	45	37	26
144	133	124	113	103	103	103	103	103	103	103	103	103	103	103	135	125	117	106
348	294	243	198	188	188	188	188	188	188	188	188	188	188	188	327	276	228	186
579	554	531	506	482	482	482	482	482	482	482	482	482	482	482	544	521	499	476
3188	3014	2848	2667	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499	2997	2833	2675	2507
3765	3704	3642	3570	3501	3501	3501	3501	3501	3501	3501	3501	3501	3501	3501	3539	3482	3423	3356
4144	4081	4016	3946	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895	3836	3775	3709
5110	4893	4899	4576	4556	4556	4556	4556	4556	4556	4556	4556	4556	4556	4556	4803	4599	4417	4301

						2016								2017								2018								2019				
Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax
1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0
1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0
1	45	10	0	1	45	90.00	80.00	1	37	10	0	1	37	90.00	80.00	1	26	10	0	1	26	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10
45	125	10	0	45	125	80.00	70	37	117	10	0	37	117	80.00	70	26	106	10	0	26	106	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10
125.00	276	10	0	125	276	70.00	60.00	117.00	228	10	0	117	228	70.00	60.00	106.00	186	10	0	106	186	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10
276	521	10	0	276	521	60.00	50.00	228	499	10	0	228	499	60.00	50.00	186	476	10	0	186	476	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10
521	2833	19	0	521	2833	50.00	31.00	499	2675	19	0	499	2675	50.00	31.00	476	2507	19	0	476	2507	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19
2833	3482	19	10	2833	3482	31.00	22.00	2675	3423	19	10	2675	3423	31.00	22.00	2507	3356	19	10	2507	3356	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19
3482	3836	10	5	0	364	22	17	3423	3775	10	5	0	342	22	17	3356	3709	10	5	0	353	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10
3836	4599	5	0	0	763	17	12	3775	4417	5	0	0	642	17	12	3709	4301	5	0	0	592	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5
4599	8760	12	8.83	4599	8760	12	8.66	4417	8760	12	8.66	4417	8760	12	6.5	4301	8760	12	6.5	4301	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2015	2016	2017	2018	2019
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1
1	1	1	17	17
45	37	26	97	97
125	117	106	177	177
276	228	186	453	453
521	499	476	2349	2349
2833	2675	2507	3291	3291
3482	3423	3356	3661	3661
3836	3775	3709	4283	4283
4599	4417	4301	8760	8760
8760	8760	8760	0	0
0	0	0		

pj 1 col XII
#18

17	17	17	17	17	17	17	17	17	17	17
97	97	97	97	97	97	97	97	97	97	97
177	177	177	177	177	177	177	177	177	177	177
453	453	453	453	453	453	453	453	453	453	453
2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349
3291	3291	3291	3291	3291	3291	3291	3291	3291	3291	3291
3661	3661	3661	3661	3661	3661	3661	3661	3661	3661	3661
4283	4283	4283	4283	4283	4283	4283	4283	4283	4283	4283

			2020								2021								2022								2023							
Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin
0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1
0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1
0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	17	97
0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	97	177
0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	177	453
0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	453	2349
0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	2349	3291
10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	3291	3661
5	3	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370
5	3	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622
6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2020	2021	2022	2023
1	1	1	1
1	1	1	1
1	1	1	1
17	17	17	17
97	97	97	97
177	177	177	177
453	453	453	453
2349	2349	2349	2349
3291	3291	3291	3291
3661	3661	3661	3661
4283	4283	4283	4283
8760	8760	8760	8760
0	0	0	0

pg 1 col III
#19

2024								2025								2026								2027								2028		
Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L
104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1
100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1
90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1
80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17
70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00
60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177
50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453
31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349
22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291
17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661
12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		2024								2025								2026								2027								2028
		1								1								1								1								1
		1								1								1								1								1
		1								1								1								1								1
		1								1								1								1								17
		17								17								17								17								97
		97								97								97								97								177
		177								177								177								177								453
		453								453								453								453								2349
		2349								2349								2349								2349								3291
		3291								3291								3291								3291								3661
		3661								3661								3661								3661								4283
		4283								4283								4283								4283								8760
		8760								8760								8760								8760								0
		0								0								0								0								

Anexa 5A – IV

Results pg 1

020

2008	YEARS	Unit	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	Products											
923	Heat sold	TJ/y	897	889	841	813	786	758	730	703	674	647
469	Losses	TJ/y	417	365	313	261	209	209	209	209	209	209
855.7948	Heat C2	TJ/y	276.8453	8.586563	220.9619	208.286	172.7108	176.278	161.3727	146.8375	129.9866	117.0033
354.5091	Heat C1	TJ/y	671.1284	1075.63	799.4972	748.4158	720.9471	690.7273	678.9799	667.5761	657.0607	650.7781
134.4782	Heat CT	TJ/y	127.5526	120.4685	113.3843	106.3002	99.29533	96.33392	93.37252	90.49039	87.4497	85.30905
791.5648	HeatDwell	TJ/y	789.2672	745.2544	721.2416	697.2288	674.0736	650.0608	626.048	602.8928	578.0224	554.8672
31.382	HeatPublic	TJ/y	30.498	29.546	28.594	27.642	26.724	25.772	24.82	23.902	22.916	21.998
0	H Industrie	TJ/y	0	0	0	0	0	0	0	0	0	0
30.459	H Services	TJ/y	29.601	28.677	27.753	26.829	25.938	25.014	24.09	23.199	22.242	21.351
0	El Tot C2	MWh/y	0	0	0	0	0	0	0	0	0	0
64510.58	El Tot C1	MWh/y	116421.3	107611.1	107074.7	105884.7	142161.6	135841.1	133031.5	130295.4	127668.3	125961.4
64510.58	El Cogen	MWh/y	74323.41	63810.17	83273.78	59997.19	142161.6	135841.1	133031.5	130295.4	127668.3	125961.4
64510.58	El hef Cog	MWh/y	40812.83	31572.15	31035.75	29455.9	142161.6	135841.1	133031.5	130295.4	127668.3	125961.4
64510.58	El Tot	MWh/y	116421.3	107611.1	107074.7	105884.7	142161.6	135841.1	133031.5	130295.4	127668.3	125961.4
	Emmiss											
93199.31	CO2	t/y	211663.9	187813.5	202075.3	197399.8	1.36E-12	1.21E-12	1.14E-12	1.07E-12	9.91E-13	9.3E-13
1309	SO2	t/y	3839.357	3839.357	3839.357	3755.775	0	0	0	0	0	0
275	NOx C2	t/y	21.31942	0.591522	18.11166	17.35702	14.46408	12.94626	12.13537	11.36859	10.56768	9.911713
3	NOx C1	t/y	503.0171	495.5121	494.8743	484.0899	95.08071	91.00716	89.32391	87.68689	86.14692	85.18791
60	Dust	t/y	252.2257	252.2257	252.2257	246.7564	0	0	0	0	0	0
0	Emm lim											
253000	CO2	t/y	253000	253000	253000	253000	Relative	Relative	Relative	Relative	Relative	Relative
0	SO2 C1	t/y	0	0	0	0	0	0	0	0	0	0
20	NOx C2	t/y	20	20	20	20	20	20	20	20	20	20
0	NOx C1	t/y	0	0	0	0	0	0	0	0	0	0
127	Dust C1	t/y	127	22	22	22	22	22	22	22	22	22
0	EM verif											
OK	SO2 limit		OK	OK	OK	OK	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG
Gas el norm 0.39	SO2		WRONG	WRONG	WRONG	WRONG	OK	OK	OK	OK	OK	OK
WRONG	NOx C1		WRONG	OK	OK	OK	OK	OK	OK	OK	OK	OK
OK	NOx C2		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
OK	Dust		WRONG	WRONG	WRONG	WRONG	OK	OK	OK	OK	OK	OK
0	Inv LCP	mil E	0.083	17.81	10.928	1.625	1.756	0	0	0	0	0
0	C 2	mil E	0.027	5.63	0.558	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	CAF 100		0.027	5.63	0.558	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	C1	mil E	0.056	12.18	10.37	1.625	1.756	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
	F		0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	GAS duct		0	1	0	0	0	0	0	0	0	0
0	Comb Cy		0.042	10.77	10.37	0.877	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0
0	Inch dep		0.014	0.41	0	0.748	1.756	0	0	0	0	0
0			0	0	0	0	0	0	0	0	0	0
0	Waste PI		0	0	0	0	0	0	0	0	0	0
0	Inv NET	mil E	3.305	7.044	5.423	3.98	4.54	0	0	0	0	0
0	Tr Pump		0.015	1.354	0.512	0	0	0	0	0	0	0
0	Tr NET		0	0	0	0	0	0	0	0	0	0
0	PT		0	0	0	0	0	0	0	0	0	0
0	Dist NET		3.29	5.69	4.911	3.98	4.54	0	0	0	0	0
0	CT		0	0	0	0	0	0	0	0	0	0
0	TOTAL	mil E	3.388	24.854	16.351	5.605	6.296	0	0	0	0	0
	Fuelcosts	mil E										
0	coal		5.597545	5.597545	5.597545	5.475698	0	0	0	0	0	0
9.400059	gas		11.51933	8.525287	12.14034	11.75386	16.34959	15.5143	15.11751	14.73524	14.35835	14.09435
0	biomass		0	0	0	0	0	0	0	0	0	0
0	waste H		0	0	0	0	0	0	0	0	0	0
0	others		0	0	0	0	0	0	0	0	0	0
9.400059	TOTAL		17.11687	14.12283	17.73788	17.22956	16.34959	15.5143	15.11751	14.73524	14.35835	14.09435
0	Fuel cons											
36985.18	gsE3Mcy		40448.84	28395.31	35262.02	34184.31	48930.8	46496.73	45361.56	44266.67	43193.39	42451.64
0	Coal t/y		193152	193152	193152	188947.5	0	0	0	0	0	0
0	biom t/y		0	0	0	0	0	0	0	0	0	0
1316.284	gas TJ/y		1439.554	1010.575	1254.958	1216.602	1741.423	1654.795	1614.395	1575.429	1537.231	1510.833
0	coal TJ/y		1334.294	1334.294	1334.294	1305.249	0	0	0	0	0	0
0	biom TJ/y		0	0	0	0	0	0	0	0	0	0
1316.284	Total TJ/y		2773.848	2344.869	2589.252	2521.851	1741.423	1654.795	1614.395	1575.429	1537.231	1510.833
	O&Mcos	mil E										
0.751122	Tpump&s		0.745318	0.693572	0.078416	0.073221	0.064137	0.056855	0.052456	0.048597	0.044845	0.042058
0.372266	D pump		0.360569	0.357488	0.356748	0.352214	0.339057	0.32722	0.315384	0.303959	0.291711	0.280598
0	DESOX		0	0	0	0	0	0	0	0	0	0
0	Free		0	0	0	0	0	0	0	0	0	0
0.968079	Ist Depr		0.942142	0.887883	0.784508	0.656839	0.850044	0.640624	0.506251	0.498541	0.448617	0.377457
5.125	Sal		5.125	5.304375	5.474115	5.62739	5.768075	5.900741	5.900741	5.900741	5.900741	5.900741
7.11815	Cfix		7.11815	7.11815	7.11815	7.63015	7.29115	5.52415	5.52415	5.52415	6.03615	5.48215
0	Others		0	0	0	0	0	0	0	0	0	0
14.33462	TOTAL		14.29118	14.36147	13.81194	14.33982	14.11246	12.44939	12.29898	12.27599	12.72206	12.083
0	Electr inc	mil E										
0	C2		0	0	0	0	0	0	0	0	0	0
3.548082	C1		2.459705	2.02325	2.121056	2.098999	9.666992	9.237195	9.046143	8.880068	8.681444	8.565376

YEARS	Unit	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Products											
Heat sold	TJ/y	647	647	647	647	647	647	647	647	647	647
Losses	TJ/y	209	209	209	209	209	209	209	209	209	209
Heat C2	TJ/y	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033
Heat C1	TJ/y	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781
Heat CT	TJ/y	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905
HeatDwell	TJ/y	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672
HeatPublic	TJ/y	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998
H Industrie	TJ/y	0	0	0	0	0	0	0	0	0	0
H Services	TJ/y	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351
El Tot C2	MWh/y	0	0	0	0	0	0	0	0	0	0
El Tot C1	MWh/y	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4
El Cogen	MWh/y	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4
El hef Cog	MWh/y	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4
El Tot	MWh/y	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4	125961.4
Emmiss											
CO2	t/y	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13
SO2	t/y	0	0	0	0	0	0	0	0	0	0
NOx C2	t/y	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713
NOx C1	t/y	85.18791	85.18791	85.18791	85.18791	85.18791	85.18791	85.18791	85.18791	85.18791	85.18791
Dust	t/y	0	0	0	0	0	0	0	0	0	0
Emm lim											
CO2	t/y	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative
SO2 C1	t/y	0	0	0	0	0	0	0	0	0	0
NOx C2	t/y	20	20	20	20	20	20	20	20	20	20
NOx C1	t/y	0	0	0	0	0	0	0	0	0	0
Dust C1	t/y	22	22	22	22	22	22	22	22	22	22
EM verif											
SO2 limit		WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG
SO2		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
NOx C1		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
NOx C2		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Dust		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Inv LCP	mil E	0	0	0	0	0	0	0	0	0	0
C 2	mil E	0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
CAF 100		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
C1	mil E	0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
GAS duct		0	0	0	0	0	0	0	0	0	0
Comb Cy		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
F		0	0	0	0	0	0	0	0	0	0
Inch dep		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
Waste PI		0	0	0	0	0	0	0	0	0	0
Inv NET	mil E	0	0	0	0	0	0	0	0	0	0
Tr Pump		0	0	0	0	0	0	0	0	0	0
Tr NET		0	0	0	0	0	0	0	0	0	0
PT		0	0	0	0	0	0	0	0	0	0 20 prior
Dist NET		0	0	0	0	0	0	0	0	0	0
CT		0	0	0	0	0	0	0	0	0	0
TOTAL	mil E	0	0	0	0	0	0	0	0	0	0
Fuelcosts	mil E										
coal		0	0	0	0	0	0	0	0	0	0
gas		14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435
biomass		0	0	0	0	0	0	0	0	0	0
waste H		0	0	0	0	0	0	0	0	0	0
others		0	0	0	0	0	0	0	0	0	0
TOTAL		14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435	14.09435
Fuel cons											
gsE3Mcy		42451.64	42451.64	42451.64	42451.64	42451.64	42451.64	42451.64	42451.64	42451.64	42451.64
Coal t/y		0	0	0	0	0	0	0	0	0	0
biom t/y		0	0	0	0	0	0	0	0	0	0
gas TJ/y		1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833
coal TJ/y		0	0	0	0	0	0	0	0	0	0
biom TJ/y		0	0	0	0	0	0	0	0	0	0
Total TJ/y		1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833	1510.833
O&Mcos	mil E										
Tpump&s		0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058
D pump		0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598
DESOX		0	0	0	0	0	0	0	0	0	0
Free		0	0	0	0	0	0	0	0	0	0
Ist Depr		0.324862	0.316803	0.316243	0.313851	0.30487	0.304777	0.253091	0.202403	0.182	0.144054
Sal		5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741
Cfix		5.48215	5.48215	5.48215	5.99415	5.48215	5.48215	5.48215	5.48215	5.99415	5.48215
Others		0	0	0	0	0	0	0	0	0	0
TOTAL		12.03021	12.02235	12.02179	12.5312	12.01042	12.01032	11.95864	11.90795	12.39955	11.8496
Electr inc	mil E										
C2		0	0	0	0	0	0	0	0	0	0
C1		8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376

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3.548082	Total		2.459705	2.02325	2.121056	2.098999	9.666992	9.237195	9.046143	8.860088	8.681444	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376	8.565376
3.995017	CO2 inc	mil E	1.033401	1.629863	1.324042	1.501205	-3.8E-17	-3.5E-17	-3.4E-17	-3.3E-17	-3.2E-17	-3.1E-17	-3.2E-17	-3.3E-17	-3.3E-17	-3.4E-17	-3.5E-17	-3.6E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17
	CO2 inc	mil E	0	0	0	0	-3.8E-17	-3.5E-17	-3.4E-17	-3.3E-17	-3.2E-17	-3.1E-17	-3.2E-17	-3.3E-17	-3.3E-17	-3.4E-17	-3.5E-17	-3.6E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17
	CO2 inf real	t/y	211663.9	187813.5	202075.3	197399.8	92540.82	87817.36	85710.38	83679.7	81702.19	80337.89	80337.89	80337.89	80337.89	80337.89	80337.89	80337.89	80337.89	80337.89	80337.89	80337.89

0	0	0	0	0	0	0	0	Inv LCP	mil E	Inv NET	mil E	0	0	8.565376	0	0	0	0	0	0	0	0
Products	0	0	0	Emmiss	0	0	0	C 1	mil E	Tr Pump	0	0	0	0	0	0	0	0	CSMcos	mil E		0
Heat sold	TJ/y		0	CO2	t/y		0	F	0	T-NET	0	0	0	Fuelcosts	mil E	0	0	0	Tpumpsb	0		
Losses	TJ/y		0	SO2 C2	t/y		0	LOSTank	0	PT	0	0	0	coal	0		0	0	D pump	0		
Heat C1	TJ/y		0	NOx C1	t/y		0	F	0	Dist NET	0	0	0	gas	0		0	0	DESOX	0		
Heat C2	TJ/y		0	NOx C2	t/y		0	CAF 100	0	CT	0	0	0	biomass	0		0	0	Free	0		
Heat CT	TJ/y		0	Dust C2	t/y		0	F	0	TOTAL	mil E	0	0	waste H	0		0	0	Ist Depr	0		
HeatDwell	TJ/y		0	Emm tes		0	0	F	0	0	0	0	0	others	0		0	0	Sal	0		
HeatPublic	TJ/y		0	CO2	t/y		0	C2	mil E	0	0	0	0	TOTAL	0		0	0	Ofir	0		
H Industrie	TJ/y		0	SO2 C2	t/y		0	St bolt 151	0	0	0	0	0	Fuel cons	0		0	0	Others	0		
B Services	TJ/y		0	NOx C1	t/y		0	LOSTank	0	0	0	0	0	geESMc/y	0		0	0	TOTAL	0		
El Tot C1	MWh/y		0	NOx C2	t/y		0	F	0	0	0	0	0	Coal t/y	0		0	0	Elect inc	mil E		
El Tot C2	MWh/y		0	Dust C2	t/y		0	GAS-tuid	0	0	0	0	0	biom t/y	0		0	0	C1	0		
El Cogen	MWh/y		0	EM verif		0	0	Comb C2	0	0	0	0	0	gas TJ/y	0		0	0	C2	0		
El tot Cog	MWh/y		0	CO2 limit		0	0	Water ep	0	0	0	0	0	coal TJ/y	0		0	0	Total	0		
El Tot	MWh/y		0	SO2 C2		0	0	Col cen	0	0	0	0	0	biom TJ/y	0		0	0	CO2 inc	mil E		
0	0	0	0	NOx C1		0	0	Inch dep	0	0	0	0	0	Total TJ/y	0		0	0	0	0	0	0
0	0	0	0	NOx C2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	Dust C2		0	0	Waste Pl	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Anexa 5A – IV
tech & exp base!
PS!
#22

Tip sursa	randczgaz %	randczbio %	randczcrb %	Qi gaz kcal/N	Qi Bio kcal/kg	Qi carb kcal/kg	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Gccz/Gctf Gcal/Gcal	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	prod ef Mwe/MWt	prod ee/G MWh/Gcal	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %
CAF GAS L1	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L 2	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L3	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L 4	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L 5	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	33	87	39.55	86
CAF GAS L 6	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	33	87	39.55	86
CF GAS L7	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
Turbina Gaz Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1.875	220.5862	0.625	1.136364	0.444346	0	0.8007	1	0	0	0.137931	0.160421	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Babcock	82	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	2.125	250	0.708333	1.287879	0.503591	0	0.90746	1	0	0	0.958	1.111881	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.8471	0.333333	0.606061	0.238984	0	0.42704	1	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0	0	0.257592	0	[illegible]	5.9	0	0	0		52	90	33	87	39.55	86
	80	100	100	8500	3000	1650	35589.5	12561	6908	[illegible]	[illegible]	0	0	[illegible]	0	[illegible]	0	0	0	0		52	90	29	87	39.55	86
	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.8471	[illegible]	[illegible]	[illegible]	0	0.42704	0	0	0	0		52	90	29	87	39.55	86

Ani speciali

Tip sursa	randczgaz %	randczbio %	randczcrb %	Qi gaz kcal/N	Qi Bio kcal/kg	Qi carb kcal/kg	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Gccz/Gctf Gcal/Gcal	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	prod ef Mwe/MWt	prod ee/G MWh/Gcal	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %
CAF GAS L1	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L 2	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L3	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
Caz 420	90	100	83	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12	0	0	0	0	52	90	29	87	39.55	86
Caz 420	90	100	83	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12	0	0	0	0	52	90	33	87	39.55	86
CAF GAS L 6	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	33	87	39.55	86
Caz 420	90	100	83	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12	0	0	0	0	52	90	29	87	39.55	86
Turbina Gaz Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1.875	220.5862	0.625	1.136364	0.444345	0	0.8007	1	0	0	0.137931	0.160421	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	2.125	250	0.708333	1.287879	0.503591	0	0.90746	1	0	0	0.958	1.111881	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.8471	0.333333	0.606061	0.238984	0	0.42704	1	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	5.9	0	0	0		52	90	33	87	39.55	86
	80	100	100	8500	3000	1650	35589.5	12561	6908	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	0	0		52	90	29	87	39.55	86
	100	100	100	8500	3000	1650	35589.5	12561	6908	1	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	0	0		52	90	29	87	39.55	86

param turbina gaz M	Gcal nom	18.9	MWel nom	14	Nmcgaz nom/Gcal	235.13	Mwcombnom	43.93	Eta ter nom	0.5	Eta el nom 0.344
	m	b	m	b							
	MW ter rel > 85 %		MW ter rel < 85 %								
Eta ter rel= m x MWter rel + b	-0.4082	1.428386	1.15053	0.52167							
Eta el rel= m x MW ter rel + b	0.576063	0.478966	3.0446	-0.99426							

Param ciclu mixt	Gcal nom	12	MWel nom	11.51	Nmcgaz nom/Gcal	243	Mwcombnom	30.3	Eta ter nom	0.498
	m	b								
Eta ter rel= m x MWter rel + b	-0.27432	1.264178								
Eta el rel= m x MW ter rel + b	0.328839	0.682352								

Cheltuieli de reparatii si demolari, alte cheltuieli fixe

Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	Cfix OPSE Th(e3) E/y	An	Reparatii Rep C1 Th(e3) E/y	Rep C2 Th(e3) E/y	Rep PT Th(e3) E/y	Rep CT Th(e3) E/y	RepOPSE Th(e3) E/y	Demolari Demol C1 Th(e3) E/y	Demol C2 Th(e3) E/y	Demol PT Th(e3) E/y	Demol CT Th(e3) E/y	DeOPSE Th(e3) E/y	Alte 1 Alte 1 C1 Th(e3) E/y	Alte 1 C2 Th(e3) E/y	Alte 1 PT Th(e3) E/y	Alte 1 CT Th(e3) E/y	Al1OPSE Th(e3) E/y	Alte (monitorizari depozit) Alte 2 C1 Th(e3) E/y	Alte 2 C2 Th(e3) E/y	Alte 2 PT Th(e3) E/y	Alte 2 CT Th(e3) E/y	Al2OPSE Th(e3) E/y
7118.15	0	0	0	0	2008.00	1818.00		0.00	0.00	0.00	42.00	0				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	0	0	0	0	2009.00	1818.00		0.00	0.00	0.00	42.00	0.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	0	0	0	0	2010.00	1818.00		0.00	0.00	0.00	42.00	0.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	0	0	0	0	2011.00	1818.00		0.00	0.00	0.00	42.00	0.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	512	0	0	0	2012.00	1818.00		0.00	0.00	0.00	42.00	512.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	173	0	0	0	2013.00	1818.00		0.00	0.00	0.00	42.00	173				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	173	0	0	0	2014.00	1363.00		0.00	0.00	0.00	42.00	173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	173	0	0	0	2015.00	1363.00		0.00	0.00	0.00	42.00	173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	173	0	0	0	2016.00	1363.00		0.00	0.00	0.00	42.00	173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	685	0	0	0	2017.00	1363.00		0.00	0.00	0.00	42.00	685				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2018.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2019.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2020.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2021.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	685	0	0	0	2022.00	1363.00		0.00	0.00	0.00		685				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2023.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2024.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2025.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2026.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	685	0	0	0	2027.00	1363.00		0.00	0.00	0.00		685				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2028.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00

An	Amortizari istorice IstDepr C1 Th(e3) E/y	IstDepr C2 Th(e3) E/y	IstDeprPT Th(e3) E/y	Ist DepCT Th(e3) E/y	IstDeprOP Th(e3) E/y
2008.00	968.0795	0	0	0	0
2009.00	942.1424	0	0	0	0
2010.00	887.8834	0	0	0	0
2011.00	784.5076	0	0	0	0
2012.00	658.8392	0	0	0	0
2013.00	650.0442	0	0	0	0
2014.00	640.6242	0	0	0	0
2015.00	506.2508	0	0	0	0
2016.00	498.5413	0	0	0	0
2017.00	448.8166	0	0	0	0
2018.00	377.4574	0	0	0	0
2019.00	324.8621	0	0	0	0
2020.00	318.8034	0	0	0	0
2021.00	318.2426	0	0	0	0
2022.00	313.6513	0	0	0	0
2023.00	304.8703	0	0	0	0
2024.00	304.7771	0	0	0	0
2025.00	253.0905	0	0	0	0
2026.00	202.4032	0	0	0	0
2027.00	182	0	0	0	0
2028.00	144.0542	0	0	0	0

Salarii Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y	SalOPSED Th(e3) E/y
4031.00	0.00	1094.00	0.00	0.00
4031.00	0.00	1094.00	0.00	0.00
4172.09	0.00	1132.29	0.00	0.00
4305.59	0.00	1168.52	0.00	0.00
4426.15	0.00	1201.24	0.00	0.00
4538.80	0.00	1231.27	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00

790/2964=26.6%

	4031.00	0.00	1094.00	0.00	0.00
	4031.00	0.00	1094.00	0.00	0.00
1.035	4031.00	0.00	1094.00	0.00	0.00
1.032	4031.00	0.00	1094.00	0.00	0.00
1.028	4031.00	0.00	1094.00	0.00	0.00
1.025	4031.00	0.00	1094.00	0.00	0.00
1.023	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00

Anexa 14-IV-pg 1

F2 Comment: Center : combined cycle in base, CAF gas
Sud: Cofiring ,CA

Cerut -Asked
Calculat - Calculated
Modif. Nerecomandata
Modification not recommended
De extras din surse de specialitate
To consult expert sources
Caldura totala D dif %
Toal heat
Valori CO2 limita
Limit CO2 values
Valori de dimensionare DESOX
DESOX dimensioning values
Pret rezultant
Result price
Energie electrica disponibila inclusiv pentru pompare
Available electric energy including energy for pumping

[redacted]

2008
Valori curente Max-Min Gcal/h
Vmax Vmin
125 100

Heat

Translation
C: Maximal delivered load -S ext M
D : Minimal delivered load -S ext m
E: Duration of maximal load T M
F; Duration of minimal load - T m
G:equivqlent medium load - S md echiv
I: Internal losse -Interne
Produced load- Sarc prod
J: Duration - Durata
K: gas percentage -gaz
L : Biomass percentage -bio
M: lignite percentage-lignit
N: specific consuption gas/Gcal- csp gaz
O:specific consumption boimass/Gcal- csp bio
P:specific consumption lignite/Gcal -csp lignit
Q: specific CO2 gas/Gcal-CO2 sp gaz
R: specific CO2 bio/Gcal -CO2 sp bio
S: sepcific CO2 lignit/Gcal- CO2 sp lig
T:annual gas cons- cos gaz
U: annual biomass cons - cons bio
V: annual lignite cons - cons lignit
W: specific electric cons for Gcal produced on gas csp ee gaz
X: specif electric cons for Gcal produced on bio- csp ee bio
Y: specifiv electric cons for Gcal produced on lignite - csp ee lig
Z: cons electric energy/year - cons ee
AA: price g gas-pret gaz
AB: price bio- pret boi
AC: price lignite -pret lign
AD: electric energy prc roduction/Gcal-prod ee e/G
AE: yearly electric energy production -prod ee
AF: Maximal floew of gases containing SO2 - Dmx gS
AG: Medium flow of gases containing SO2 - Dmd GS
AH: SO2 content of gases - SO2

Translation line 2:
Q: annaual total CO2 emissions- CO2 tot
C: electic energy produced in CET Center- ee pr Cen
D: electric energy produced in CET Sud - ee pr Sud
E: Electric energy consumed CET Center - ee cs Cen
F: electric energy consumed CET Sud - ee CS Sud
G: disposable energy CET Center - ee d Cen
H: disposable energy CET Sud - ee d Sud
I: annual gas costs - cost gaz
J: annual biomass costs - cost bio
K: annual lignite costs - cost lign
L: annual fuel costs - cost comb
M: annual heat delivery -prod cald
N: annual disposable electric energy- ee dispo
O: annual CO2 emissions CET Center- CO2 Cen
P: annual CO2 emissions CET Sud - CO2 Sud
Q: annaual total CO2 emissions- CO2 tot
R: Total flue gas flow containing SO2 -DmgSSud
S: SO2 contained in flue gas mixture -SO2 mix
T: SO2 emitted withflue gases - SO2 Sud
U: SO2 to remove annualy - SO2 rem
V: SO2 removel costs - SO2 remc
W: annual SO2 removal costs - Cost SO2
X: unit price of heat calculated by fuel - comb/cald
Y: unit price of heat added from SO2 treatmer ent- SO2 /cald
Z: total unit price of heat -Tot cald
AA: annual biomass energy -TJ bio/an

Anexa 3A

Calc - pag 1 - col.

Anii Tabel valori Gcal/h -de format cap tabel cu toate valorile necesare apoi de completat pe sectoare,utilizind Vmax Vmin

Sirviraj	Sir 8760	Copy	104	100	90	80	70	60	50	30	24	17	14	0
16.8	8	2008	10	44	129	263	528	1590	2991	3702	4039	4471	5102	8760
16.3	7.833333	2009	1	15	100	180	462	1120	2521	3628	3977	4409	5003	8760
15.8	7.666667	2010	1	1	71	151	394	638	2040	3541	3904	4342	4902	8760
15.3	7.5	2011	1	1	42	123	253	523	1557	3438	3819	4267	4677	8760
14.8	7.333333	2012	1	1	13	95	178	456	1075	3285	3716	4182	4554	8760
14.3	7.166667	2013	1	1	1	67	149	369	599	2982	3590	4081	4442	8760
13.8	7	2014	1	1	1	57	140	336	562	2813	3534	4020	4358	8760
13.3	6.833333	2015	1	1	1	43	120	265	499	2453	3223	3673	3972	8760
12.8	6.666667	2016	1	1	1	35	112	219	478	2302	3166	3614	3902	8760
12.3	6.5	2017	1	1	1	25	102	178	455	2140	3101	3551	3831	8760
12.3	6.5	2018	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2019	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2020	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2021	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2022	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2023	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2024	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2025	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2026	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2027	1	1	1	16	93	169	434	1990	3024	3506	3799	8760
12.3	6.5	2028	1	1	1	16	93	169	434	1990	3024	3506	3799	8760

D	Qsold Tcal/an	losses Tcal/an	An	Qtot CET Tcal/an	Q CT Tcal/an
0	220.4442	112.0134	2008	289.0623	32.11804
0	214.2345	99.59398	2009	274.1757	30.46397
0	207.5472	87.17459	2010	258.9483	28.77203
0	200.8598	74.75519	2011	243.7208	27.08009
0	194.1724	62.3358	2012	228.4934	25.38815
0	187.7239	49.91641	2013	213.4363	23.71515
0	181.0365	49.91641	2014	207.0708	23.00786
0	174.3492	49.91641	2015	200.7052	22.30058
0	167.9006	49.91641	2016	194.51	21.61223
0	160.9744	49.91641	2017	187.974	20.886
0	154.5259	49.91641	2018	183.3727	20.37474
0	154.5259	49.91641	2019	183.3727	20.37474
0	154.5259	49.91641	2020	183.3727	20.37474
0	154.5259	49.91641	2021	183.3727	20.37474
0	154.5259	49.91641	2022	183.3727	20.37474
0	154.5259	49.91641	2023	183.3727	20.37474
0	154.5259	49.91641	2024	183.3727	20.37474
0	154.5259	49.91641	2025	183.3727	20.37474
0	154.5259	49.91641	2026	183.3727	20.37474
0	154.5259	49.91641	2027	183.3727	20.37474
0	154.5259	49.91641	2028	183.3727	20.37474

Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh
544	271	104.9907651	2008	283.00	0.8	226.4	28.98	77.34	76.86
478	186	101.6367278	2009	329.92	0.8	263.936	28.98	77.34	86.78
408	156	98.19668958	2010	362.91	0.8	290.328	28.98	80.34	89.78
361	127	94.75665136	2011	399.20	0.8	319.36	28.98	84.34	93.78
183	98	91.31661314	2012	399.20	0.8	319.36	28.98	87.34	96.78
154	69	87.91957539	2013	399.20	0.8	319.36	28.98	87.34	96.78
144	59	86.71556202	2014	399.20	0.8	319.36	28.98	87.34	96.78
133	48	85.51154864	2015	399.20	0.8	319.36	28.98	87.34	96.78
124	39	84.35053574	2016	399.20	0.8	319.36	28.98	87.34	96.78
113	28	83.10352188	2017	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2018	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2019	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2020	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2021	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2022	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2023	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2024	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2025	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2026	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2027	399.20	0.8	319.36	28.98	87.34	96.78
103	18	81.94250898	2028	399.20	0.8	319.36	28.98	87.34	96.78

2008
Valori curente Max-Min Gcal/h
Vmax 22 Vmin 17

Val5000 12.3
Val 8760 6.5

ref bio TJ/an 0

Qv C Tcal 121.89 | Qv TotTcal 135.4316 | QvCTTcal 13.54

Desfasurator vertical

An	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
2008.0	923	469	2008	1210.304	134.4782	544	271	104.9908	2008	283	0.8	226.4	28.98	76.86	77.34	111.45	55	0	25	0	0.00	0	0	29.77	29.77	14.49	14.49	4031	0.00	1094	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	44	2.454545	0	2.454545	44	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	14.11785	0	0	10.12	0	0	1.09296	0	0	28.4381	0	0	0	0.452196	0
CAF GAS L 2	10	0	44	129	6.705426	0	6.705426	129	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	113.0719	0	0	10.12	0	0	8.7538	0	0	227.7881	0	0	0	3.621755	0
CAF GAS L3	10	0	129	271	7.380074	0	7.380074	271	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	281.4379	0	0	10.12	0	0	20.24	0	0	526.6316	0	0	0	8.374	0
Cz 420 carb	10	0	271	544	7.490809	0	7.490809	544	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	532.6797	0	0	10.12	0	0	41.239	0	0	1073.012	0	0	0	17.06203	0
Cz 420 carb	10	0	544	1639	6.659549	0	6.659549	1639	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1426.797	0	0	10.12	0	0	110.4598	0	0	2874.092	24980.39	18635.81	0	45.70111	0
CAF GAS L 6	10	0	1639	3084	7.857263	0	7.857263	3084	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	3086.928	0	0	10.12	0	0	238.9838		0	6218.202	24980.39	19128.14	0	98.87601	0
Cz 420 carb	19	0	3084	2884	17.04325	0	17.04325	3884	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	8653.072	0	0	10.12	0	0	669.90352	[illegible]	0	17430.45	47462.75	42574.72	0	277.1627	0
Turbina Gaz Chimiei	19	10	3884	4263	18.59993	0	18.59993	4263	100	0	0	229.0218	0	0.984123	0.461334	0	0.8007	18159.48	0	0	1	0	0	79.2915	0.814587527	64589.87	36579.84	83155.59	81404.57	0	331.9935	64510.58
Babcock	10	5	0	346	7.5	0	7.5	346	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	331.8414	0	0	5.9	0	0	15.3105	[illegible]	0	668.45	0	0	0	10.86527	0
Babcock	5	0	0	1113	2.5	0	2.5	1113	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	355.8184	0	0	5.9	0	0	16.41675	[illegible]	0	716.7484	0	0	0	11.65033	0
Ciclu mixt Chimiei	0.00	8.00	1.00	1.00	0	0	0	1	100	0	0	41813.12	[illegible]	[illegible]	84.22691	0	[illegible]	0	0	0	1	0	0	0	194.0796107	0	0	0	0	0	0	0
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0
Babcock	12	8	5722.00	8760	11.30639	5	11.90147	8760	100	0	0	261.98	[illegible]	[illegible]	0.257592	0	[illegible]	27313.21	0	0	5.9	0	0	615.115368	0	0	26855.88	0	0	0	414.6972	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	[illegible]	[illegible]	0.387469	0	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0		0			0	0	0		0
																		60248.45	0	0 Cogen	0 V			0	0		93199.31	180579.1	159743.3			64510.58

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	OmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	64510.58	-1090.87	-31.7273	0	3.548082	3.548082	0	14088.1	3.986934	18847.14	4.268993	0	0	8.253927	1220.456	0.838808	51442.59	159743.3	0	0	0	0	0	33.59303605	44.94094	0	0

Hdeliv	TJ/y
H livr C1	855.7948
H livr C2	354.5091
H livr C1	134.4782
H livr PT	830.7

Epomp si	MWh/y	milE/y
T C1	6084.789	0.470598
T C2	2520.596	0.193733
D PT	2874.813	0.320398
D CT	465.3903	0.051868
C1	1090.873	0.084353
C2	31.72725	0.002439
TOTAL	13067.99	1.123388

congasC1: TJ/y 501.3886
CongasC2: TJ/y 670.7604
bioref TJ/y 0
Cons lig: TJ/y 0

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
4049.938	36985.18	9.400059
TJ/y	TJ/y	
144.1353	1316.284	
milE/y		
1.146133		

TOTcomb 9.400059

CO2 Cen t/y	CO2+Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	incom CO2 milE/y
143584	209611	253000	159800.7	93199.31	3.995017

BIO 0 WASTE 0

An	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
2009.0	897	417	2009	1147.974	127.5526	478	186	101.6367	2009	329.92	0.8	263.936	28.98	86.78	77.34	111.45	58	0.00	25	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	4031.00	0.00	1094.00	0.00

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz KWh/Gcal	csp ee bio KWh/Gcal	csp ee lig KWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	1	15	2.133333	0	2.133333	15	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	4.183007	0	0	10.12	0	0	0.32384	0	0	8.426105	0	0	0	0.133984	0
CAF GAS L 2	10	0	15	100	5.75	0	5.75	100	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	75.1634	0	0	10.12	0	0	5.819	0	0	151.4066	0	0	0	2.407525	0
CAF GAS L3	46	0	1000	1800	35.77778	5	37.68082	1800	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	8861.369	0	0	10.12	0	0	686.029474	0	0	17850.04	0	0	0	269.6428	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	C	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2958.605	0.004187	0

Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	0.606061	0.263316	0	0.42704	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Turbina Gaz Chimiei	19	11	0	4300	14	8	15.21739	4300	100	0	0	213.8078	0	0.805153	0.430687	0	0.8007	13990.47	0	0	200	0	0	13086.9565	0.685510418	44856.23	28181.92	84382.06	82176.25	0	252.0574	31769.27
Babcock	10	3	0	432	6.5	8	7.065217	432	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	390.3036	0	0	5.9	0	0	18.0078261	0	0	786.2141	0	0	0	11.7571	0
Babco 0 0 0	3	0	0	631	1.5	8	1.5	631	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	1.00	1.00	1.00	2200.00	39.5	9	43.40659	2200	27	0	73	416.3291	[illegible]	[illegible]	0.79481	0	[illegible]	10734.43	0	156546.8	0.09989	[illegible]	[illegible]	21376.7512	0.998898734	95389.34	133945.4	[illegible]	[illegible]	[illegible]	363.8503	74012.59
SUM Q BV	45	0	140	2200	26	15	30.58824	2200	27	0	73	133.7625	[illegible]	0.741774	0.255365	0	[illegible]	2430.386	0	36439.43	0.02	0.03	0.06	2819.62353	[illegible]	13458.82	30326.64	[illegible]	[illegible]	[illegible]	239.4964	10639.2
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	128.412	[illegible]	0.741774	0.255365	0	[illegible]	0.006421	0	0.704685	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	0	3007.574	[illegible]	0.004187	0.242963
SUM Q BBDSL iarna an init	0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.192353	0	0	0	0	0	0	0	0	0.387469	0	[illegible]	0	0	0
SUM Q BB DSL vara an init	0	0	0	0	0	4.3	1	1	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0		
																	36617.17	0	193097 Cogen		0	0	0	0		211663.9	1436821	1530013			118421.3
																			55.04 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	116421.3	-892.182	-23.5922	0	2.459705	2.459705	-4.29273	8940.846	2.949764	27668.63	7.30222	193152	5.597545	15.84953	1143.329	-0.40456	104308.1	1530013	3090.372	3839.357	0	3839.357	0	21.31941655	503.0171	0	252.2257

Hdeliv	TJ/y
H livr C1	276.8453
H livr C2	871.1284
H livr C1	127.5526
H livr P1	807.3

Epomp+sl	MWh/y	milE/y
T C1	1968.399	0.152236
T C2	6193.812	0.537499
D PT	2793.833	0.311373
D CT	441.4229	0.049197
C1	692.1824	0.053533
C2	23.59218	0.002047
TOTAL	12113.24	1.105885

TJ/y 318.2002 — TJ/y 984.6416 — biorefTJ/y 0 — TJ/y 1334.294

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
3841.368	40448.84	11.51933
TJ/y	TJ/y	
136.7124	1439.554	
milE/y		
1.267344		

TOTcomb 17.11687

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	41336.06	211663.9	1.033401

BIO	WASTE
0	0

2010.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	869	365	2010	1084.216	120.4685	406	156	98.19669	2010	362.91	0.8	290.328	28.98	89.78	80.34	114.45	61	0	25	0	0.00	0	0	29.77	29.77	14.49	14.49	4172.085	0.00	1132.29	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	1	1	1	1	1	0	1	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0.130719	0	0	10.12	0	0	0.01012	0	0	0.263316	0	0	0	0.004187	0
CAF GAS L2	1	1	1	1	1	0	1	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0.130719	0	0	10.12	0	0	0.01012	0	0	0.263316	0	0	0	0.004187	0
CAF GAS L3	1	1	1	1	1	5	1.052632	1800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	247.678	0	0	10.12	0	0	19.1747368	0	0	498.9141	0	0	0	7.5366	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	0.606061	0.263316	0	0.42704	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Turbina Gaz Chimiei	19	11	0	4200	12	8	13.04348	4200	100	0	0	205.0533	0	0.690131	0.413052	0	0	11233.36	0	0	200	0	0	10956.5217	0.611236094	33485.11	22628.09	[illegible]	51111.77	0	211.0248	22528.59
Babcock	50	3	500	2000	32.375	8	35.19022	2000	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271.1083	0
Babcol 0 0 0	3	0	0	631	1.5	8	1.5	631	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	1.00	1.00	1.00	2200.00	38	9	41.75824	2200	27	0	73	432.7632	[illegible]	[illegible]	0.826184	0	[illegible]	10734.43	0	156546.8	0.104437	[illegible]	[illegible]	21501.0898	1.044368421	95944.18	133945.4	[illegible]	[illegible]	[illegible]	350.0332	74443.09
SUM Q BV	45	0	140	2200	26	15	30.58824	2200	27	0	73	133.7625	[illegible]	0.741774	0.255365	0	[illegible]	2430.386	0	36439.43	0.02	0.03	0.06	2819.62353	[illegible]	13458.82	30326.64	[illegible]	[illegible]	[illegible]	239.4964	10639.2
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	128.412	[illegible]	0.741774	0.255365	0	[illegible]	0.006421	0	0.704685	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	0	3007.574	[illegible]	0.004187	0.242963
SUM Q BBDSL iarna an init	0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.192353	0	0	0	0	0	0	0	0	0.387469	0	[illegible]	0	0	0
SUM Q BB DSL vara an init	0	0	0	0	0	4.3	1	1	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0		0	0	0	0	0
																	24776.98	0	193097 Cogen		0	0	0	0		187813.5	1434183	1518949			107611.1
																			55.04 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	107611.1	-19.2051	-5.58435	0	2.02325	2.02325	-4.54103	248.0702	0.090027	24519.21	7.118614	193152	5.597545	12.80619	1083.192	-0.09452	96753.91	1518949	3112.865	3839.357	0	3839.357	0	0.591522465	495.5121	0	252.2257

Hdeliv	TJ/y
H livr C1	8.586563
H livr C2	1075.63
H livr C1	120.4685
H livr PT	782.1

Epomp+sl	MWh/y	milE/y
T C1	61.05134	0.004905
T C2	7647.839	0.686623
D PT	2708.623	0.309773
D CT	416.9067	0.047715
C1	19.2051	0.001543
C2	5.58435	0.000501
TOTAL	10857.21	1.05106

TJ/y 8.828694 — TJ/y 872.6266 — biorefTJ/y 0 — TJ/y 1334.294

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
3628.022	28395.31	8.525287
TJ/y	TJ/y	
129.1195	1010.575	
milE/y		
1.316646		

TOTcomb 14.12283

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	65186.53	187813.5	1.629663

BIO	WASTE
BIO	0

2011.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	841	313	2011	1020.459	113.3843	261	127	94.75665	2011	399.2	0.8	319.36	28.98	93.78	84.34	118.45	65	0	26	0	0.20	0	0	29.77	29.77	14.49	14.49	4305.592	0.00	1168.523	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
CAF G L1	0	0	0	0	0	0	0	0	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	0	0	0	0	0	0	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	46	0	800	1600	34.5	5	36.31579	1600	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	7595.459	0	0	10.12	0	0	588.025263	0	0	15300.03	0	0	0	231.1224	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	0.606061	0.263316	0	0.42704	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Turbina Gaz Chimiei	19	11	0	4100	12	8	13.04348	4100	100	0	0	205.0533	0	0.690131	0.413052	0	0	10965.9	0	0	200	0	0	10695.6522	0.611236094	32687.84	22089.33	[illegible]	51111.77	0	206.0004	21992.19
Babcock	0	0	0	0	0	8	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Babcol 0 0 0	3	0	0	631	1.5	8	1.5	631	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	1.00	1.00	1.00	2200.00	38	9	41.75824	2200	27	0	73	432.7632	[illegible]	[illegible]	0.826184	0	[illegible]	10734.43	0	156546.8	0.104437	[illegible]	[illegible]	21501.0898	1.044368421	95944.18	133945.4	[illegible]	[illegible]	[illegible]	350.0332	74443.09
SUM Q BV	45	0	140	2200	26	15	30.58824	2200	27	0	73	133.7625	[illegible]	0.741774	0.255365	0	[illegible]	2430.386	0	36439.43	0.02	0.03	0.05	2819.62353	[illegible]	13458.82	30326.64	[illegible]	[illegible]	[illegible]	239.4964	10639.2
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	128.412	[illegible]	0.741774	0.255365	0	[illegible]	0.006421	0	0.704685	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	0	3007.574	[illegible]	0.004187	0.242963

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SUM Q BBDSL iarna an init	0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.192353	0	0	0	0	0	0	0	0.387469	[illegible]	0	0	0
SUM Q BB DSL vara an init	0	0	0	0	0	4.3	1	1	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0			0	0

31857.04 0 193097 Cogen 0 0 0 0 202075.3 1434183 1518949 107074.7
55.04 V 0 0 0

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	107074.7	-588.035	-5.58435	0	2.121056	2.121056	-4.8388	7595.59	3.03216	24251.75	7.74504	193152	5.597545	16.37474	1030.636	0.997322	103185.3	1518949	3112.893	3839.357	0	3839.357	0	18.11165766	494.8743	0	252.2257

Hdeliv	TJ/y		Epomp+si	MWh/y	milE/y
H livr C1	220.9619		T C1	21.96586	0.001653
H livr C2	799.4972		T C2	281.9826	0.026444
H livr CT	113.3843		D PT	2619.413	0.310269
H livr PT	756.9		D CT	392.3905	0.046479
			C1	588.0354	0.049595
			C2	5.58435	0.000524
			TOTAL	3909.371	0.435164

TJ/y 270.3232; Gas CT E3Nmc/y 3414.676; GAS TOT E3Nmc/y 35262.02; milE/y 12.14034; TJ/y 121.5266; TJ/y 1254.958; milE/y 1.363139
TJ/y 863.1078; bioreffTJ/y 0
TJ/y 1334.294
TOTcomb 17.73786

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	50924.71	202075.3	1.324042

BIO 0 WASTE 0

2012.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	813	261	2012	956.7017	106.3002	183	98	91.31661	2012	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	27	0	0.20	0	0	29.77	29.77	14.49	14.49	4426.148	0.00	1201.242	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L 2	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L3	46.00	0.00	750.00	1550.00	34.12903	5	35.9253	1550	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
Cz 420 carb	1.00	1.00	1.00	1.00	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125
Cz 420 carb	1.00	1.00	1.00	1.00	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125
CAF GAS L 6	1.00	1.00	1.00	1.00	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0	[illegible]
Cz 420 carb	1.00	1.00	1.00	4.00	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125
Turbina Gaz Chimiei	19.00	11.00	0.00	4000.00	12	8	13.04348	4000	100	0	0	205.0533	0	0.690131	0.413052	0	0
Babcock	0.00	0.00	0.00	0.00	0	8	0	0	100	0	0	0	[illegible]	[illegible]	0	0	[illegible]
Babco 0 0 0	3.00	0.00	0.00	631.00	1.5	8	1.5	631	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
SumBBglobal	1.00	1.00	1.00	2200.00	36	9	39.56044	2200	27	0	73	456.8056	[illegible]	[illegible]	0.872083	0	[illegible]
SUM Q BV	45.00	0.00	140.00	2200.00	23	15	27.05882	2200	27	0	73	133.7625	[illegible]	[illegible]	0.255365	0	[illegible]
SUM Q BV	0.00	0.00	0.00	0.00	1	0	1	1	[illegible]	0	[illegible]	128.412	[illegible]	[illegible]	0.255365	0	[illegible]
SUM Q BBDSL iarna an init	0.00	0.00	0.00	0.00	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0
SUM Q BB DSL vara an init	0.00	0.00	0.00	0.00	0	4.3	1	1	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vanz. MWh/y
CAF G L1	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L 2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	7278.982	0	0	10.12	0	0	563.524211	0	0	14662.53	0	0	0	221.4923	0
Cz 420 carb	3.168	0	55.04	0	0	0	0	0	0	58.3	[illegible]	333538.9	[illegible]	0.004187	0
Cz 420 carb	3.168	0	55.04	0	0	0	0	0	0	58.3	[illegible]	333538.9	[illegible]	0.004187	0
CAF GAS L 6	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	[illegible]	2496.039	0	0.004187	0
Cz 420 carb	3.168	0	55.04	0	0	0	0	0	0	58.3	[illegible]	333538.9	[illegible]	0.004187	0
Turbina Gaz Chimiei	10698.44	0	0	200	0	0	10434.7826	0.611236094	31890.58	21550.56	[illegible]	51111.77	0	200.976	21455.8
Babcock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Babco 0 0 0	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	10734.43	0	156546.8	0.111089	[illegible]	[illegible]	21686.8745	1.110888889	96683.96	133845.4	[illegible]	[illegible]	[illegible]	331.6104	75017.08
SUM Q BV	2149.957	0	32234.88	0.02	[illegible]	[illegible]	2494.28235	[illegible]	11905.88	26827.41	[illegible]	[illegible]	[illegible]	211.8622	9411.6
SUM Q BV	0.006421	0	0.704685	0.0285	[illegible]	[illegible]	0.0420375	0.285	0.285	0.509514	0	[illegible]	[illegible]	0.004187	0.242963
SUM Q BBDSL iarna an init	0.192353	0	0	0	0	0	0	0	0	0.387469	0	[illegible]	0	0	0
SUM Q BB DSL vara an init	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30892.67	0	188892.4 Cogen	0	0	0	0			197399.8	1435378	1509005			105884.7
			55.04 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	105884.7	-563.534	-5.58435	0	2.098999	2.098999	-5.10116	7279.112	2.905822	23703.86	7.570066	188947.5	5.475696	15.95158	969.9248	1.382154	102171.4	1509005	3108.22	3755.775	0	3755.775	0	17.35701825	484.0899	0	248.7564

Hdeliv	TJ/y		Epomp+si	MWh/y	milE/y
H livr C1	208.286		T C1	17.06215	0.00149
H livr C2	748.4158		T C2	227.0252	0.021971
H livr C1	106.3002		D PT	2532.203	0.307536
H livr PT	731.7		D CT	387.8743	0.044678
			C1	563.5343	0.049219
			C2	5.58435	0.00054
			TOTAL	3713.283	0.425436

TJ/y 258.06; Gas CT E3Nmc/y 3201.331; GAS TOT E3Nmc/y 34184.31; milE/y 11.75386; TJ/y 113.9338; TJ/y 1216.602; milE/y 1.277971
TJ/y 843.6086; bioreffTJ/y 0
TJ/y 1305.249
TOTcomb 17.22956

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	55600.2	197399.8	1.501205

BIO 0 WASTE 0

2013.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	786	209	2013	893.858	99.29533	154	69	87.91958	2013	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	28	0	0.20	0	0	29.77	29.77	14.49	14.49	4536.802	0.00	1231.273	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	0.00	0.00	1.00	1.00	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L 2	0.00	0.00	1.00	1.00	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L3	10.00	0.00	1.00	69.00	5.072464	0	5.072464	69	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L 4	10.00	0.00	69.00	154.00	7.24026	0	7.24026	154	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L 5	10.00	0.00	154.00	401.00	6.9202	0	6.9202	401	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L 6	10.00	0.00	401.00	618.00	8.244337	0	8.244337	618	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L 7	19.00	0.00	618.00	3284.00	11.28776	0	11.28776	3284	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	19.00	10.00	3284.00	3823.00	18.36555	0	18.36555	3823	100	0	0	227.8981	0	0.971722	0.45907	0	0.8007
Babcock	10.00	5.00	0.00	384.00	7.5	0	7.5	384	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
Babcock	5.00	0.00	0.00	1015.00	2.5	0	2.5	1015	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
ITG m Chimiei	12.00	7.16	5222.00	8760.00	11.02261	0	11.02261	8760	100	0	0	322.8948	0	[illegible]	0.650428	0	[illegible]
ITG m Chimiei	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]
Babcock	0.00	0.00	0.00	0.00	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0
	0.00	0.00	0.00	0.00	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0.00	0.00	0.00	0.00	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vanz. MWh/y
CAF G L1	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L 2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	45.75163	0	0	10.12	0	0	3.542	0	0	92.18052	0	0	0	1.46545	0
CAF GAS L 4	145.7516	0	0	10.12	0	0	11.2838	0	0	293.5971	0	0	0	4.668505	0
CAF GAS L 5	362.7451	0	0	10.12	0	0	28.083	0	0	730.7013	[illegible]	17286.93	0	11.61883	0
CAF GAS L 6	666.0131	0	0	10.12	0	0	51.5614	0	0	1341.594	[illegible]	20594.68	0	21.33277	0
CAF GAS L 7	4845.621	0	0	10.12	0	0	375.13828	[illegible]	0	9760.853	[illegible]	28187.26	0	155.2079	0
Turbina Gaz Chimiei	16001.07	0	0	1	0	0	70.2115	0.805054247	56524.07	32232.01	[illegible]	79984.42	0	293.9756	56453.85
Babcock	368.2864	0	0	5.9	0	0	16.992	0	0	741.8636	0	0	0	12.05856	0
Babcock	324.4885	0	0	5.9	0	0	14.97125	0	0	653.6385	0	0	0	10.62451	0
ITG m Chimiei	31178.09	0	0	1	0	0	96.55804	1.299373347	125464.9	62804.08	0	0	0	404.2885	125368.4
ITG m Chimiei	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	53937.82	0	0 Cogen	0	0	0	0			108650.5	180171.1	146063.3			181822.2
			0 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	181822.2	-469.608	-31.9633	0	12.36391	12.36391	0	6065.882	2.4215	47871.94	15.28836	0	0	17.70988	915.2407	2.415098	178320.9	146063.3	0	0	0	0	0	14.46407524	114.1505	0	0

Hdeliv TJ/y Epomp+si MWh/y milE/y TJ/y TJ/y TJ/y

H livr C1	172.7108	T C1	11.53128	0.001007
H livr C2	720.9471	T C2	196.539	0.019021
H livr C1	99.29533	D PT	2448.107	0.297323
H livr PT	707.4	D CT	343.6325	0.041734
		C1	469.6085	0.041016
		C2	31.96325	0.003093
		TOTAL	3501.382	0.403194

BIO 0 WASTE 0

Gas CT E3Nmc/y 2990.373; GAS TOT E3Nmc/y 56928.19 (215.8817); milE/y 18.90364; TJ/y 106.4259; TJ/y 2026.046; milE/y 1.193757

1703.738 biorefTJ/y 0

0

TOTcomb 18.90364

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-1.4E-12	1.36E-12	-3.8E-17

2014.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee ID E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	758	208	2014	867.0053	96.33392	144	59	86.71556	2014	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	29	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	55	5.090909	0	5.090909	55	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	36.80131	0	0	10.12	0	0	2.8336	0	0	73.72842	0	0	0	1.17236	0
CAF GAS L4	10	0	55	135	7.037037	0	7.037037	135	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	124.183	0	0	10.12	0	0	9.614	0	0	250.15	0	0	0	3.97765	0
CAF GAS L5	10	0	135	327	7.06422	0	7.06422	327	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	301.9608	0	0	10.12	0	0	23.3772	0	0	608.2584	24980.39	17646.7	0	9.67197	0
CAF GAS L6	10	0	327	544	8.005515	0	8.005515	544	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	569.281	0	0	10.12	0	0	44.0726	0	0	1148.74	24980.39	19998.09	0	18.23439	0
CAF GAS L7	19	0	544	2997	11.22439	0	11.22439	2997	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	4397.32	0	0	10.12	0	0	340.43174	0	0	8857.811	47462.75	28038.97	0	140.8486	0
Turbina Gaz Chimiei	19	10	2997	3539	18.31082	0	18.31082	3539	100	0	0	227.6373	0	0.968827	0.458545	0	0.8007	14751.36	0	0	1	0	0	64.802	0.802841648	52025.74	29714.62	82652.84	79654.82	0	271.326	51960.94
Babcock	10	5	0	356	7.5	0	7.5	356	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	341.4322	0	0	5.9	0	0	15.753	0	0	687.7694	0	0	0	11.17929	0
Babcock	5	0	0	908	2.5	0	2.5	908	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	290.2813	0	0	5.9	0	0	13.393	0	0	584.7328	0	0	0	9.50449	0
ITG m Chimiei	12.00	7.00	4803.00	8760.00	10.87072	0	10.87072	8760	100	0	0	327.3711	0	[illegible]	0.659445	0	[illegible]	31174.73	0	0	1	0	0	95.2275	1.32017174	125716.7	62797.31	0	0	0	398.7175	125621.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387489	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		51967.14	0	0 Cogen		0	0	0	0		104721.1	180076.4	145338.6			177582.4
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mx mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	177582.4	-420.329	-29.146	0	12.0756	12.0756	0	5429.346	2.167395	48557.8	14.8687	0	0	17.03609	884.6322	-0.27371	174260.8	[illegible]	0	0	0	0	0	12.9462575	111.0169	0	0

TJ/y 193.2277; TJ/y 1658.969 biorefTJ/y 0; TJ/y 0

Hdeliv	TJ/y	Epomp+si	MWh/y	milE/y
H livr C1	176.278	T C1	10.7475	0.000939
H livr C2	890.7273	T C2	167.222	0.016184
H livr C1	96.33392	D PT	2360.898	0.286731
H livr PT	682.2	D CT	333.3839	0.040489
		C1	420.3291	0.036712
		C2	29.146	0.002821
		TOTAL	3321.726	0.383875

BIO 0 WASTE 0

Gas CT E3Nmc/y 2901.187; GAS TOT E3Nmc/y 54888.33; milE/y 18.19425; TJ/y 103.2518; TJ/y 1953.448; milE/y 1.158154

TOTcomb 18.19425

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-1.2E-12	1.21E-12	-3.5E-17

2015.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	730	209	2015	840.3526	93.37252	133	48	85.51155	2015	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	30	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	45	5.111111	0	5.111111	45	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	30.06536	0	0	10.12	0	0	2.3276	0	0	60.56263	0	0	0	0.96301	0
CAF GAS L4	10	0	45	125	6.8	0	6.8	125	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	111.1111	0	0	10.12	0	0	8.602	0	0	223.8184	0	0	0	3.55895	0
CAF GAS L5	10	0	125	276	7.264493	0	7.264493	276	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	262.0915	0	0	10.12	0	0	20.2906	0	0	527.9481	24980.39	18146.99	0	8.394935	0
CAF GAS L6	10	0	276	521	7.648752	0	7.648752	521	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	520.915	0	0	10.12	0	0	40.3282	0	0	1049.313	24980.39	19106.88	0	16.6852	0
CAF GAS L7	19	0	521	2833	11.24709	0	11.24709	2833	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	4165.098	0	0	10.12	0	0	322.45356	0	0	8390.031	47462.75	28095.67	0	133.4104	0
Turbina Gaz Chimiei	19	10	2833	3482	18.16126	0	18.16126	3482	100	0	0	228.9277	0	0.960913	0.457115	0	0.8007	14350.34	0	0	1	0	0	63.2375	0.796820696	50388.95	28906.83	82395.17	78757.89	0	264.7754	50325.71
Babcock	10	5	0	354	7.5	0	7.5	354	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	339.5141	0	0	5.9	0	0	15.6645	0	0	683.9055	0	0	0	11.11649	0
Babcock	5	0	0	763	2.5	0	2.5	763	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	243.9258	0	0	5.9	0	0	11.25425	0	0	491.3558	0	0	0	7.986703	0
ITG.m Chimiei	12.00	6.83	4599.00	8760.00	10.77213	0	10.77213	8760	100	0	0	330.3437	0	[illegible]	0.665433	0	[illegible]	31172.5	0	0	1	0	0	94.363815	1.333983918	125879.8	62792.81	0	0	0	395.1013	125785.4
ITG.m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387489	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		51195.56	0	0 Cogen		0	0	0	0		103126.6	179818.7	144107.4			176111.2
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mx mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	176111.2	-394.002	-26.9188	0	11.97556	11.97556	0	5089.281	2.031841	46106.27	14.7245	0	0	16.75614	841.9924	0.195123	172933	144107.4	0	0	0	0	0	12.13537284	109.9403	0	0

TJ/y 181.125; TJ/y 1640.899 biorefTJ/y 0; TJ/y 0

Hdeliv	TJ/y	Epomp+si	MWh/y	milE/y
H livr C1	161.3727	T C1	8.958988	0.000782
H livr C2	878.9799	T C2	151.461	0.014658
H livr CT	93.37252	D PT	2273.688	0.276139
H livr PT	857	D CT	323.1354	0.039245
		C1	394.002	0.034412
		C2	26.91875	0.002605
		TOTAL	3178.164	0.367842

BIO 0 WASTE 0

Gas CT E3Nmc/y 2812.001; GAS TOT E3Nmc/y 54007.56; milE/y 17.87869; TJ/y 100.0777; TJ/y 1922.102; milE/y 1.122551

TOTcomb 17.87869

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-1.1E-12	1.14E-12	-3.4E-17

2016.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	703	209	2016	814.4135	90.49039	124	39	84.35054	2016	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	31	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	37	5.135135	0	5.135135	37	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	24.8368	0	0	10.12	0	0	1.9228	0	0	50.03	0	0	0	0.79553	0
CAF GAS L4	10	0	37	117	6.581197	0	6.581197	117	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	100.6536	0	0	10.12	0	0	7.7924	0	0	202.7531	0	0	0	3.22399	0
CAF GAS L5	10	0	117	228	7.565789	0	7.565789	228	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	225.4902	0	0	10.12	0	0	17.457	0	0	454.2197	24980.30	18899.64	0	7.222575	0
CAF GAS L6	10	0	228	499	7.284569	0	7.284569	499	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	475.1634	0	0	10.12	0	0	36.7862	0	0	957.1529	24980.59	18197.14	0	15.21875	0
CAF GAS L7	19	0	499	2675	11.27215	0	11.27215	2675	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3941.569	0	0	10.12	0	0	305.14836	[illegible]	0	7939.761	47462.75	28158.27	0	126.2506	0
Turbina Gaz Chimiei	19	10	2675	3423	18.01665	0	18.01665	3423	100	0	0	226.2457	0	0.953262	0.455742	0	0.8007	13952.8	0	0	1	0	0	61.671	0.791034946	48763.92	28106.04	82147.56	77896	0	258.2165	48722.25
Babcock	10	5	0	352	7.5	0	7.5	352	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	337.5959	0	0	5.9	0	0	15.576	0	0	680.0416	0	0	0	11.05368	0
Babcock	5	0	0	642	2.5	0	2.5	642	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	205.243	0	0	5.9	0	0	9.4695	0	0	413.4344	0	0	0	6.720135	0
ITG m Chimiei	12.00	6.66	4417.00	8760.00	10.67628	0	10.67628	8760	100	0	0	333.2858	0	[illegible]	0.671359	0	[illegible]	31170.28	0	0	1	0	0	93.52419	1.347653923	126038.2	62788.35	0	0	0	391.5858	125944.7
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.8471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.8471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		50433.84	0	0 Cogen		0	0	0	0		101591.8	179571.1	143151.1			174667
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	174667	-369.107	-25.0455	0	11.87735	11.87735	0	4767.712	1.903271	45865.92	14.58387	0	0	18.48714	820.2885	0.721378	171625.3	143151.1	0	0	0	0	0	11.36859357	108.8902	0	0
								TJ/y 169.6805		TJ/y 1625.227		TJ/y	0														
										bioref TJ/y 0																	

Hdeliv	TJ/y
H livr C1	146.8375
H livr C2	687.5761
H livr CT	90.49039
H livr PT	632.7

Epomp+si	MWh/y	mil E/y
T C1	7.420204	0.000648
T C2	137.294	0.013287
D PT	2188.592	0.265926
D CT	313.1612	0.038033
C1	369.1068	0.032238
C2	25.0455	0.002424
TOTAL	3041.62	0.352556

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2725.204	53158.84	17.57504
TJ/y 96.98863	TJ/y 1891.897	
mil E/y 1.087901		

TOTcomb 17.57504

CO2 t Cert t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253000	-1.1E-12	1.07E-12	-3.3E-17

BIO	WASTE
0	0

2017.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	674	209	2017	787.0473	87.4497	113	28	83.10352	2017	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	32	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	26	5.192308	0	5.192308	26	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	17.64706	0	0	10.12	0	0	1.3662	0	0	35.54763	0	0	0	0.565245	0
CAF GAS L4	10	0	26	106	6.226415	0	6.226415	106	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	86.27451	0	0	10.12	0	0	6.6792	0	0	173.7884	0	0	0	2.76342	0
CAF GAS L5	10	0	106	186	7.849462	0	7.849462	186	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	190.8497	0	0	10.12	0	0	14.7752	0	0	384.441	24980.39	19608.26	0	6.11302	0
CAF GAS L6	10	0	186	476	6.953782	0	6.953782	476	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	432.6797	0	0	10.12	0	0	33.4972	0	0	871.5752	24980.39	17370.82	0	13.85897	0
CAF GAS L7	19	0	476	2507	11.30375	0	11.30375	2507	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3704.379	0	0	10.12	0	0	286.78562	[illegible]	0	7461.974	47462.75	28237.21	0	118.6533	0
Turbina Gaz Chimiei	19	10	2507	3356	17.86159	0	17.86159	3356	100	0	0	225.519	0	0.945058	0.454278	0	0.8007	13518.4	0	0	1	0	0	59.9435	0.784869396	47047.82	27231	81683.7	76977.53	0	250.9834	46987.88
Babcock	10	5	0	353	7.5	0	7.5	353	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	338.555	0	0	5.9	0	0	15.62025	0	0	681.9736	0	0	0	11.08508	0
Babcock	5	0	0	592	2.5	0	2.5	592	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	189.2583	0	0	5.9	0	0	8.732	0	0	381.2355	0	0	0	6.19676	0
ITG m Chimiei	12.00	6.50	4301.00	8760.00	10.6002	0	10.6002	8760	100	0	0	335.6586	0	[illegible]	0.676139	0	[illegible]	31168.5	0	0	1	0	0	92.65775	1.358678859	126163.9	62784.78	0	0	0	388.7954	126071
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		49646.54	0	0 Cogen		0	0	0	0		100006.3	179307.2	142193.8			173058.9
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	173058.9	-343.103	-24.3523	0	11.768	11.768	0	4431.83	1.769187	45214.71	14.43977	0	0	16.20896	799.0146	1.520533	170159.6	142193.8	0	0	0	0	0	10.56768328	107.8143	0	0
								TJ/y 157.7266		TJ/y 1609.169		TJ/y	0														
										bioref TJ/y 0																	

Hdeliv	TJ/y
H livr C1	129.9866
H livr C2	657.0607
H livr CT	87.4497
H livr PT	606.5

Epomp+si	MWh/y	mil E/y
T C1	5.928506	0.000518
T C2	124.0341	0.012004
D PT	2099.268	0.254956
D CT	302.6382	0.036755
C1	343.1034	0.029967
C2	24.35225	0.002357
TOTAL	2899.324	0.336557

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2633.63	52280.17	17.2803
TJ/y 93.72958	TJ/y 1860.625	
mil E/y 1.051345		

TOTcomb 17.2803

CO2 t Cert t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253000	-9.9E-13	9.91E-13	-3.2E-17

BIO	WASTE
0	0

2018.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2018	767.7814	85.30905	103	18	81.94251	2018	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	33	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47462.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81630.64	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	#	[illegible]	0.676497	0	[illegible]	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	#	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mx mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+st	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

TJ/y 147.936; GAS TOT E3Nmc/y 51552.85, milE/y 17.00091; TJ/y 1834.74

TJ/y 1595.369; biorefTJ/y 0

TJ/y 0

Gas CT E3Nmc/y 2589.162; TJ/y 91.43521; milE/y 1.02561

TOTcomb 17.00091

CO2 I Cert t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incem CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.1E-17

BIO 0 WASTE 0

2019.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2019	767.7814	85.30905	103	18	81.94251	2019	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	34	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47462.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81630.64	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	#	[illegible]	0.676497	0	[illegible]	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	#	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mx mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr C1	85.30905
H livr PT	582.3

Epomp+st	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

TJ/y 147.936; GAS TOT E3Nmc/y 51552.85, milE/y 17.00091; TJ/y 1834.74

TJ/y 1595.369; biorefTJ/y 0

TJ/y 0

Gas CT E3Nmc/y 2569.162; TJ/y 91.43521; milE/y 1.02561

TOTcomb 17.00091

CO2 I Cert t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incem CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.2E-17

BIO 0 WASTE 0

2020.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2020	767.7814	85.30905	103	18	81.94251	2020	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	35	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47462.75	28307.92	0	111.4538	0

Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81830.84	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	0.642879	0.676497	0	0.90746	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0		
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0
								TJ/y		TJ/y		TJ/y															
								147.936		1595.389		0															
										biorefTJ/y																	
										0																	

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2569.162	51552.85	17.00091
TJ/y	TJ/y	
91.43521	1834.74	
milE/y		
1.02561		

TOTcomb
17.00091

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incorn CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.3E-17

BIO	WASTE
0	0

2021.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2021	767.7814	85.30905	103	18	81.94251	2021	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	36	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	[illegible]	0	7009.203	47462.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.68	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81830.84	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	0.642879	0.676497	0	0.90746	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0		
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168850.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0
								TJ/y		TJ/y		TJ/y															
								147.936		1595.389		0															
										biorefTJ/y																	
										0																	

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035858
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2569.162	51552.85	17.00091
TJ/y	TJ/y	
91.43521	1834.74	
milE/y		
1.02561		

TOTcomb
17.00091

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incorn CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.3E-17

BIO	WASTE
0	0

2022.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2022	767.7814	85.30905	103	18	81.94251	2022	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	37	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	[illegible]	0	7009.203	47462.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.68	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81830.84	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	0.642879	0.676497	0	0.90746	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0		
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5

pg 8
431

0 V		0	0	0	0

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

	TJ/y 147.936	TJ/y 1595.369	TJ/y 0
Gas CT E3Nmc/y 2569.162	GAS TOT E3Nmc/y 51552.85	biorefTJ/y 0	
TJ/y 91.43521	TJ/y 1834.74	milE/y 17.00091	
milE/y 1.02561			

TOTcomb 17.00091

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209611	253000	-9.3E-13	9.3E-13	-3.4E-17

BIO 0 WASTE 0

2023.0	Qsold TJ/y	losses TJ/y	An	Qtotal CE1 TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2023	767.7814	85.30905	103	18	81.94251	2023	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	38	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio KWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	11.78471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	[illegible]	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47482.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	[illegible]	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	[illegible]	0.676497	0	[illegible]	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

	TJ/y 147.936	TJ/y 1595.369	TJ/y 0
Gas CT E3Nmc/y 2569.162	GAS TOT E3Nmc/y 51552.85	biorefTJ/y 0	
TJ/y 91.43521	TJ/y 1834.74	milE/y 17.00091	
milE/y 1.02561			

TOTcomb 17.00091

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209611	253000	-9.3E-13	9.3E-13	-3.5E-17

BIO 0 WASTE 0

2024.0	Qsold TJ/y	losses TJ/y	An	Qtotal CE1 TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2024	767.7814	85.30905	103	18	81.94251	2024	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	39	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio KWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	11.78471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	[illegible]	19335.11	0	5.73619	0
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	0	13.18905	0
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47482.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	[illegible]	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	[illegible]	0.676497	0	[illegible]	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743

	TJ/y 147.936	TJ/y 1595.369	TJ/y 0
Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y	biorefTJ/y 0

TOTcomb

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209611	253000	-9.3E-13	9.3E-13	-3.6E-17

H livr PT 582.3

D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

2569.162 51552.85 17.00091
TJ/y TJ/y
91.43521 1834.74
milE/y
1.02561

17.00091

BIO 0 WASTE 0

2025.0	Qsold TJ/y	losses TJ/y	An	Qtotal CE1 TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2025	767.7814	85.30905	103	18	81.94251	2025	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	40	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	[illegible]	0.676497	0	[illegible]
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.8471	[illegible]	[illegible]	0.236984	0	[illegible]
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24880.39	19335.11	0	5.73619	0
CAF GAS L6	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24880.39	17370.47	0	13.16905	0
CAF GAS L7	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47482.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81630.84	78096.7	0	244.0602	45347.08
Babcock	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	31168.37	0	0	1	0	0	92.80825	1.359504005	128173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659387	44826.96	14.31594	0	0	15.9753	763.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

congasC1 TJ/y 147.936; CongasC2 TJ/y 1595.369; bioref TJ/y 0; Cons lig TJ/y 0

CO2 i Cert t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.7E-17

TOTcomb 17.00091

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
2569.162	51552.85	17.00091
TJ/y	TJ/y	
91.43521	1834.74	
milE/y		
1.02561		

BIO 0 WASTE 0

2026.0	Qsold TJ/y	losses TJ/y	An	Qtotal CE1 TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2026	767.7814	85.30905	103	18	81.94251	2026	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	40	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	335.8362	0	[illegible]	0.676497	0	[illegible]
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.8471	[illegible]	[illegible]	0.236984	0	[illegible]
Babcock	0	0	0	0	0	5	0	0	100	0	0	261.98	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0
CAF GAS L5	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24880.39	19335.11	0	5.73619	0
CAF GAS L6	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24880.39	17370.47	0	13.16905	0
CAF GAS L7	3479.608	0	0	10.12	0	0	269.38428	0	0	7009.203	47482.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81630.84	78096.7	0	244.0602	45347.08
Babcock	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
Babcock	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	31168.37	0	0	1	0	0	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Babcock	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	763.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

congasC1 TJ/y 147.936; CongasC2 TJ/y 1595.369; bioref TJ/y 0; Cons lig TJ/y 0

CO2 i Cert t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.7E-17

TOTcomb 17.00091

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	milE/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
2569.162	51552.85	17.00091
TJ/y	TJ/y	
91.43521	1834.74	
milE/y		
1.02561		

BIO 0 WASTE 0

2027.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2027	767.7814	85.30905	103	18	81.94251	2027	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	40	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.592	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gaz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	0	0	1	1	0	0	0	1	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	[illegible]	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	[illegible]	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	[illegible]	335.8362	[illegible]	[illegible]	0.676497	0	[illegible]
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	[illegible]	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]
Babcock	0	0	0	0	0	5	0	0	100	0	[illegible]	261.98	[illegible]	[illegible]	0.257592	0	[illegible]
	0	0	0	0	0	0.71	0	0	100	0	[illegible]	192.3529	[illegible]	[illegible]	0.387469	0	[illegible]
	0	0	0	0	0	0.35	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz KWh/Gcal	csp ee bio KWh/Gcal	csp ee lig KWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	0	10.12	0	[illegible]	0	[illegible]	0	0	0	0	0	0	0
CAF GAS L2	0	0	0	10.12	0	[illegible]	0	[illegible]	0	0	0	0	0	0	0
CAF GAS L3	11.76471	0	0	10.12	0	[illegible]	0.9108	[illegible]	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	74.5098	0	0	10.12	0	[illegible]	5.7684	[illegible]	0	150.09	0	0	0	2.38659	0
CAF GAS L5	179.085	0	0	10.12	0	0	13.8644	[illegible]	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	3479.608	0	0	10.12	0	0	269.38428	[illegible]	0	7009.203	47462.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81830.84	76096.7	0	244.0602	45347.08
Babcock	354.8593	0	0	5.9	0	[illegible]	16.3725	[illegible]	0	714.8165	0	0	0	11.81893	0
Babcock	198.8491	0	0	5.9	0	[illegible]	9.1745	[illegible]	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	31168.37	0	0	1	0	[illegible]	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	1	0	[illegible]	0	[illegible]	0	0	0	0	0	0	0
Babcock	0	0	0	5.9	0	[illegible]	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	[illegible]	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	mil E/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

congasC1 TJ/y 147.936; CongasC2 TJ/y 1595.369; Cons lig TJ/y 0; bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	51552.85	17.00091
TJ/y	TJ/y	
91.43521	1834.74	
mil E/y		
1.02561		

TOTcomb 17.00091

CO2 i Cen t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253090	-9.3E-13	9.3E-13	-3.7E-17

BIO	WASTE
0	0

2028.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	647	209	2028	767.7814	85.30905	103	18	82	2028	399.20	0.80	319.38	28.98	96.78	87.34	121.45	68	0	40	0	0.2	0	0	29.77	29.77	14.49	14.49	4641.148	0.00	1259.59	0.00

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gaz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	0	0	1	1	0	0	0	1	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	[illegible]	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	[illegible]	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
ITG m Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	[illegible]	335.8362	[illegible]	[illegible]	0.676497	0	[illegible]
ITG m Chimiei	0	0	0	0	0	0	0	0	100	0	[illegible]	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]
Babcock	0	0	0	0	0	5	0	0	100	0	[illegible]	261.98	[illegible]	[illegible]	0.257592	0	[illegible]
	0	0	0	0	0	0.71	0	0	100	0	[illegible]	192.3529	[illegible]	[illegible]	0.387469	0	[illegible]
	0	0	0	0	0	0.35	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz KWh/Gcal	csp ee bio KWh/Gcal	csp ee lig KWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	0	0	0	10.12	0	[illegible]	0	[illegible]	0	0	0	0	0	0	0
CAF GAS L2	0	0	0	10.12	0	[illegible]	0	[illegible]	0	0	0	0	0	0	0
CAF GAS L3	11.76471	0	0	10.12	0	[illegible]	0.9108	[illegible]	0	23.69842	0	0	0	0.37683	0
CAF GAS L4	74.5098	0	0	10.12	0	[illegible]	5.7684	[illegible]	0	150.09	0	0	0	2.38659	0
CAF GAS L5	179.085	0	0	10.12	0	0	13.8644	[illegible]	0	360.7426	24980.39	19335.11	0	5.73619	0
CAF GAS L6	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0
CAF GAS L7	3479.608	0	0	10.12	0	0	269.38428	[illegible]	0	7009.203	47462.75	28307.92	0	111.4538	0
Turbina Gaz Chimiei	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	81830.84	76096.7	0	244.0602	45347.08
Babcock	354.8593	0	0	5.9	0	[illegible]	16.3725	[illegible]	0	714.8165	0	0	0	11.81893	0
Babcock	198.8491	0	0	5.9	0	[illegible]	9.1745	[illegible]	0	400.5548	0	0	0	6.510785	0
ITG m Chimiei	31168.37	0	0	1	0	[illegible]	92.80825	1.359504005	126173.2	62784.49	0	0	0	388.5881	126080.4
ITG m Chimiei	0	0	0	1	0	[illegible]	0	[illegible]	0	0	0	0	0	0	0
Babcock	0	0	0	5.9	0	[illegible]	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	[illegible]	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48983.69	0	0 Cogen		0	0	0	0		98671.06	179054.2	141110.2			171427.5
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	171427.5	-321.806	-25.547	0	11.65707	11.65707	0	4156.732	1.659367	44826.96	14.31594	0	0	15.9753	783.9205	2.102039	168650.6	141110.2	0	0	0	0	0	9.911712968	106.8897	0	0

Hdeliv	TJ/y
H livr C1	117.0033
H livr C2	650.7781
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	mil E/y
T C1	4.953991	0.000433
T C2	114.1429	0.011047
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	321.8059	0.028107
C2	25.547	0.002472
TOTAL	2776.852	0.322657

congasC1 TJ/y 147.936; CongasC2 TJ/y 1595.369; Cons lig TJ/y 0; bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	51552.85	17.00091
TJ/y	TJ/y	
91.43521	1834.74	
mil E/y		
1.02561		

TOTcomb 17.00091

CO2 i Cen t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253090	-9.3E-13	9.3E-13	-3.7E-17

BIO	WASTE
0	0

		Amortiz tr
Gaz termo	E3 NMc	25055.87
Carb termo	t	0
Gaz termo	mil Eur	7.824756
Carb termo	mil. Eur	0
Sal termo	mil E	3.952587
Rep termo	mil E	3.18098
Pomp pr	mil E	0.011479
Pomp sec	mil E	0.280598
Serv propr	mil E	0.030579
SO2	mil E	0
Alte dir	mil E	0.34429
Heat sold	GJ	647000
PR H	E/GJ	24.373
PR EL	E/MWh	76.50415
EL sold	MWh	170986.6
Rep distr	mil E	0.776664
Carb+alte termo		0.34429

		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CO2 inf	t/y	211863.9	187813.5	202075.3	197399.8	108650.5	104721.1	103126.8	101591.8	100006.3	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06

eff evolution				med load	% maxload
12.00	8.00	0.00	2759.00	10	0.83
12.00	6.50	0.00	3685.00	9.25	0.77

Anexa 5A – V
Calc
PS1 col.
34

Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	EpomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y	SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	Cfix OPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOxCAFC 0 or 1(act)	NOx CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOx CAF 0 or 1
111.45	55	[illegible]	25	0	0.00	0	0	29.77	29.77	14.49	14.49	4031.00	0.00	1094.00	0.00	0.00	7118.15	0.00	0.00	0.00	0.00	0.00	2008.00	0.97	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
111.45	58	[illegible]	25	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	4031.00	0.00	1094.00	0.00	0.00	7118.15	0.00	0.00	0.00	0.00	0.00	2009.00	0.94	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
114.45	61	[illegible]	25	0	0.00	0	0	29.77	29.77	14.49	14.49	4172.09	0.00	1132.29	0.00	0.00	7118.15	0.00	0.00	0.00	0.00	0.00	2010.00	0.89	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
118.45	65	[illegible]	26	0	0.20	0	0	29.77	29.77	14.49	14.49	4305.59	0.00	1168.52	0.00	0.00	7118.15	0	0.00	0.00	0.00	1.00	2011.00	0.78	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	27	0	0.20	0	0	29.77	29.77	14.49	14.49	4426.15	0.00	1201.24	0.00	0.00	7118.15	512.00	0.00	0.00	0.00	1.00	2012.00	0.66	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	28	0	0.20	0	0	29.77	29.77	14.49	14.49	4536.60	0.00	1231.27	0.00	0.00	7118.15	173.00	0.00	0.00	0.00	1.00	2013.00	0.65	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	29	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5351.15	173.00	0.00	0.00	0.00	1.00	2014.00	0.64	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	30	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5351.15	173.00	0.00	0.00	0.00	1.00	2015.00	0.51	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	31	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5351.15	173.00	0.00	0.00	0.00	1.00	2016.00	0.50	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	32	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5351.15	685.00	0.00	0.00	0.00	1.00	2017.00	0.45	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	33	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2018.00	0.38	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	34	0	0.20	0	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2019.00	0.32	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	35	0	0.20	0.00	0	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2020.00	0.32	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	36	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2021.00	0.32	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	37	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	685.00	0.00	0.00	0.00	1.00	2022.00	0.31	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	38	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2023.00	0.30	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	39	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2024.00	0.30	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	40	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2025.00	0.25	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	40	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2026.00	0.20	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	40	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	685.00	0.00	0.00	0.00	1.00	2027.00	0.18	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
121.45	68	[illegible]	40	0	0.20	0.00	0.00	29.77	29.77	14.49	14.49	4641.15	0.00	1259.59	0.00	0.00	5309.15	173.00	0.00	0.00	0.00	1.00	2028.00	0.14	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]

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SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOxCAFC 0 or 1(act)	NOx CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOx CAF1 0 or 1	NOx CAF2 0 or 1	NOx CAF3 0 or 1	NOx CAF4 0 or 1	NOx CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	7118.15	0	0	0	0	0.00	2008	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 450 mg	67.00 200 mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	127.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-1.09296	1	35589.5	12561	6908	0.50244	90	52	90	29	87	39.55	86	0	0.50244	0.50244	0	0	0	0	0	0	67	0.033663	0	0	1	0	0	3.16E-15	0	0	0
-8.7538	1	35589.5	12561	6908	4.024172	90	52	90	29	87	39.55	86	0	4.024172	4.024172	0	0	0	0	0	0	67	0.28962	0	0	1	0	0	2.53E-14	0	0	0
-20.24	1	35589.5	12561	6908	9.304444	90	52	90	29	87	39.55	86	0	9.304444	9.304444	0	0	0	0	0	0	67	0.623398	0	0	1	0	0	5.85E-14	0	0	0
-41.239	1	35589.5	12561	6908	18.95781	90	52	90	29	87	39.55	86	0	18.95781	18.95781	0	0	0	0	0	0	67	1.270173	0	0	1	0	0	1.19E-13	0	0	0
-110.46	1	35589.5	12561	6908	50.77901	90	52	90	33	87	39.55	86	0	50.77901	50.77901	0	0	0	0	0	0	67	3.402193	0	0	1	0	0	3.19E-13	0	0	0
-238.984	1	35589.5	12561	6908	109.8622	90	52	90	33	87	39.55	86	0	109.8622	109.8622	0	0	0	0	0	0	67	7.360789	0	0	1	0	0	6.9E-13	0	0	0
-889.904	1	35589.5	12561	6908	307.9585	90	52	90	29	87	39.55	86	0	307.9585	307.9585	0	0	0	0	0	0	67	20.63322	0	0	1	0	0	1.94E-12	0	0	0
0	1	35589.5	12561	6908	646.2869	87.30358	52	90	29	87	39.55	86	447.1606	388.8817	818.0423	28.26626	3.548082	0	3.548082	0	0	67	43.30122	0	0	0	1	1	0	0	64510.58	64510.58
-15.3105	1	35589.5	12561	6908	11.61007	92	52	90	29	87	39.55	86	0	12.07252	12.07252	0	0	0	0	0	0	67	0.791275	0	0	0	1	0	0	0	0	0
-16.4168	1	35589.5	12561	6908	12.6834	92	52	90	29	87	39.55	86	0	12.94481	12.94481	0	0	0	0	0	0	67	0.848448	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
-815.115	1	35589.5	12561	6908	972.0834	42.66154	52	90	33	87	39.55	86	0	480.7747	480.7747	0	0	0	0	0	0	0	0	0	0	0	0	0	-12110.1	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	3.548082	0	TotalcogG 3.548082	TotalcogS 0									-12110.1	0	64510.58	64510.58

Products		
Heat sold	TJ/y	922
Losses	TJ/y	469
Heat C1	TJ/y	855.7948
Heat C2	TJ/y	354.5091
Heat CT	TJ/y	434.4782
HeatDwell	TJ/y	791.5848
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.469
El Tot C1	MWh/y	0
El Tot C2	MWh/y	64510.58
El Cogen	MWh/y	64510.58
El hef Cog	MWh/y	64510.58
El Tot	MWh/y	64510.58

Emmiss		
CO2	t/y	63199.31
SO2 C2	t/y	0
NOx C1	t/y	33.58304
NOx C2	t/y	44.94094
Dust C2	t/y	0
Emm lim		
CO2	t/y	255000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	127.00
EM verif		
CO2emis		OK
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	
C1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col con		0.00 0
Inch dep		0
Waste PI		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts mil E	
coal	0
gas	9.400059
biomass	0
waste H	0
others	0
TOTAL	9.400059
Fuel cons	
gsE3Mc/y	38985.18
Coal t/y	0
biom t/y	0
gas TJ/y	1316.284
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1316.284

O&Mcos	mil E
Tpump&is	0.751122
D pump	0.372266
DESOX	0
Free	0
Ist Depr	0.97
Sal	5.125
Cfix	7.11815
Others	0
TOTAL	14.33462
Electr inc mil E	
C1	0
C2	3.548082
Total	3.548082
CO2 inc mil E	3.995017

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOxCAFC 0 or 1(act)	NOx CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOx CAF1 0 or 1	NOx CAF2 0 or 1	NOx CAF3 0 or 1	NOx CAF4 0 or 1	NOx CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0.00	7118.15	0.00	0.00	0.00	0.00	0.00	2009.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0.00	0.00	150.00 450mg	67.00 200mg	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
-0.32384	1	35589.5	12561	6908	0.148871	90	52	90	29	87	39.55	86	0	0.148871	0.148871	0	0	0	0	0	0	67	0.009974	0	0	1	0	0	9.35E-16	0	0	0		
-5.819	1	35589.5	12561	6908	2.675028	90	52	90	29	87	39.55	85	0	2.675028	2.675028	0	0	0	0	0	0	67	0.179227	0	0	1	0	0	1.68E-14	0	0	0		
-686.029	1	35589.5	12561	6908	315.3717	85.5	52	90	29	87	39.55	86	0	299.6031	299.6031	0	0	0	0	0	0	67	21.1289	0	0	1	0	0	1.98E-12	0	0	0		
0	0	35589.5	12561	6908	0.492984	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64854	0	0	0	1	28.0944

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	0	0	1	28.0944
0	1	35589.5	12561	6908	497.8138	73.59241	52	90	29	87	39.55	86	310.5431	280.0638	590.6069	18.61628	1.842618	0	1.842618	0	0	67	33.36023	0	0	0	1	1	0	0	31769.27	31769.27		
-16.0078	1	35589.5	12561	6908	13.89071	84.64	52	90	29	87	39.55	86	0	13.06344	13.06344	0	0	0	0	0	0	67	0.930677	0	0	0	1	0	0	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.452769	35589.5	12561	6908	1463.458	43.06893	52	90	29	87	39.55	86	812.1433	418.0048	1230.148	-15.9424	0	0	0	0	3111.993	260	380.4991	250	204.8249	0	1	1	94083.65	40502.01	33510.58	0	1	101.7598
0	0.85	35589.5	12561	6908	338.2198	82.1352	52	90	33	87	39.55	86	114.5882	275.1424	389.7308	15.22997	0.524513	0.092561	0.141618	0.362894	724.3794	260	87.93715	250	47.39998	0	1	1	0	1595.88	9043.32	9043.32	1	52.07439
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.41E-05	0	7.05E-07	1.34E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432
0	1	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.387144	0.092561	TotelcogG	TotelcogS									94124.66	42097.89	74323.41	40812.83		
																			1.984237	0.382908														

Products		
Heat sold	TJ/y	897
Losses	TJ/y	417
Heat C1	TJ/y	278.8463
Heat C2	TJ/y	871.1284
Heat CT	TJ/y	127.5526
HeatDwell	TJ/y	769.2672
HeatPublic	TJ/y	30.498
H Industrie	TJ/y	0
H Services	TJ/y	29.601
El Tot C1	MWh/y	0
El Tot C2	MWh/y	116421.3
El Cogen	MWh/y	74323.41
El hef Cog	MWh/y	40812.83
El Tot	MWh/y	116421.3

Emmiss		
CO2	t/y	211663.9
SO2 C2	t/y	3839.357
NOx C1	t/y	21.31942
NOx C2	t/y	503.0171
Dust C2	t/y	252.2257
Emm lim		
CO2	t/y	253000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	122.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		WRONG
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	0.083	Inv NET	mil E	3.31
C 1	mil E	0.027	Tr Pump		0.02
F		0	Tr NET		0.00
LOilTank		0	PT		0.00
F		0	Dist NET		3.29
CAF 100		0.027	CT		0.00
F		0	TOTAL	mil E	3.39
F		0			
C2	mil E	0.056			
St boil 15 t/h		0			
LOilTank		0			
F		0			
GAS duct		0			
Comb Cy		0.042			
Water ep		0			
Col cen		0.00			
Inch dep		0.014			
Waste Pl		0			

Fuelcosts	mil E
coal	5.597545
gas	11.51833
biomass	0
waste H	0
others	0
TOTAL	17.11687
Fuel cons	
gsE3Mc/y	40448.84
Coal t/y	199152
biom t/y	0
gas TJ/y	1438.564
coal TJ/y	1334.284
biom TJ/y	0
Total TJ/y	2773.849

O&Mcos	mil E
Tpump&is	0.745316
D pump	0.380569
DESOX	0
Free	0
Ist Depr	0.94
Sal	5.125
Cfix	7.11816
Others	0
TOTAL	14.29118
Electr inc	mil E
C1	0
C2	2.459705
Total	2.459705
CO2 inc mil E	1.033401

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	7118.15	0	0	0	0	0.00	2010	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	29	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	29	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
-19.1747	1	35589.5	12561	6908	8.814737	85.5	52	90	29	87	39.55	86	0	8.374	8.374	0	0	0	0	0	0	67	0.590587	0	0	1	0	0	5.54E-14	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	0	0	1	28.0944
0	1	35589.5	12561	6908	389.7896	73.07037	52	90	29	87	39.55	86	231.82	234.472	466.292	16.63436	1.374244	0	1.374244	0	0	67	26.7859	0	0	0	1	1	0	0	22528.59	22528.59		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	301.2314	301.2314	0	0	0	0	0	0	67	0	0	0	0	1	0	#DIV/0!	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.433056	35589.5	12561	6908	1463.458	42.23068	52	90	29	87	39.55	86	816.8672	402.1312	1218.998	-16.7042	0	0	0	0	3111.993	260	380.4991	250	204.8249	0	1	1	95512.28	42205.06	32238.02	0	1	98.14044
0	0.85	35589.5	12561	6908	338.2198	82.1352	52	90	33	87	39.55	86	114.5882	275.1424	389.7308	15.22997	0.551643	0.097349	0.148943	0.402699	724.3794	260	87.93715	250	47.39998	0	1	1	0	1595.88	9043.32	9043.32	1	52.07439
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.48E-05	0	7.41E-07	1.41E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432
0	0	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	1.625901	0.097349	TotelcogG	TotelcogS									#DIV/0!	43800.94	63810.17	31572.15		
																			1.523188	0.402713														

Products		
Heat sold	TJ/y	869
Losses	TJ/y	365
Heat C1	TJ/y	8.586563
Heat C2	TJ/y	1075.63
Heat CT	TJ/y	120.4685
HeatDwell	TJ/y	745.2544
HeatPublic	TJ/y	29.546
H Industrie	TJ/y	0
H Services	TJ/y	26.877
El Tot C1	MWh/y	0
El Tot C2	MWh/y	107811.1
El Cogen	MWh/y	63810.17
El hef Cog	MWh/y	31572.15
El Tot	MWh/y	107811.1

Emmiss		
CO2	t/y	187813.5
SO2 C2	t/y	3839.357
NOx C1	t/y	0.591922
NOx C2	t/y	495.5121
Dust C2	t/y	252.2257
Emm lim		
CO2	t/y	253000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	17.81	Inv NET	mil E	7.04
C 1	mil E	5.53	Tr Pump		1.35
F		0	Tr NET		0.00
LOilTank		0	PT		0.00
F		0	Dist NET		5.69
CAF 100		5.63	CT		0.00
F		0	TOTAL	mil E	24.85
F					
C2	mil E	12.18			
St boil 15 t/h		0			
LOilTank		0			
F		0			
GAS duct		1			
Comb Cy		10.77			
Water ep		0			
Col cen		0.00			
Inch dep		0.41			
Waste Pl		0			

Fuelcosts	mil E
coal	5.597545
gas	8.525287
biomass	0
waste H	0
others	0
TOTAL	14.12283
Fuel cons	
gsE3Mc/y	28395.31
Coal t/y	199152
biom t/y	0
gas TJ/y	1010.575
coal TJ/y	1334.294
biom TJ/y	0
Total TJ/y	2344.869

O&Mcos	mil E
Tpump&is	0.693672
D pump	0.257468
DESOX	0
Free	0
Ist Depr	0.89
Sal	5.304375
Cfix	7.11815
Others	0
TOTAL	14.38147
Electr inc	mil E
C1	0
C2	2.02325
Total	2.02325
CO2 inc mil E	1.629683

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	7118.15	0	0	0	0	1.00	2011	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0		
-588.025	1	35589.5	12561	6908	270.3166	85.5	52	90	29	87	39.55	86	0	256.8027	256.8027	0	0	0	0	0	0	67	18.11135	0	0	1	0	0	1.7E-12	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	0	0	1	28.0944
0	1	35589.5	12561	6908	390.2708	73.07037	52	90	29	87	39.55	86	226.3005	228.8893	455.1898	16.63436	1.429492	0	1.429492	0	0	67	26.14814	0	0	0	1	1	0	0	21992.19	21992.19		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	#DIV/0!	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.433056	35589.5	12561	6908	1463.458	42.23068	52	90	29	87	39.55	86	816.8672	402.1312	1218.998	-16.7042	0	0	0	0	3111.993	260	380.4991	250	204.8249	0	1	1	95512.28	42205.06	32238.02	0	1	98.14044
0	0.85	35589.5	12561	6908	338.2198	82.1352	52	90	33	87	39.55	86	114.5882	275.1424	389.7308	15.22997	0.587816	0.103732	0.15871	0.429106	724.3794	260	87.93715	250	47.39998	0	1	1	0	1595.88	9043.32	9043.32	1	52.07439
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.58E-05	0	7.9E-07	1.5E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432

0	0	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.017324	0.103732	TotelcogG	TotelcogS									#DIV/0!	43800.94	83273.78	31035.75		
																			1.588203	0.429121														

Products		
Heat sold	TJ/y	841
Losses	TJ/y	313
Heat C1	TJ/y	220.9619
Heat C2	TJ/y	799.4972
Heat CT	TJ/y	113.5843
HeatDwell	TJ/y	721.2416
HeatPublic	TJ/y	28.594
H Industrie	TJ/y	0
H Services	TJ/y	27.753
El Tot C1	MWh/y	0
El Tot C2	MWh/y	107074.7
El Cogen	MWh/y	83273.78
El hef Cog	MWh/y	31035.75
El Tot	MWh/y	107074.7

Emmiss		
CO2	t/y	202075.3
SO2 C2	t/y	3839.357
NOx C1	t/y	18.11166
NOx C2	t/y	494.8743
Dust C2	t/y	252.2267
Emm lim		
CO2	t/y	253000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	10.928
C 1	mil E	0.558
F		0
LOilTank		0
F		0
CAF 100		0.558
F		0
F		0
C2	mil E	10.37
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		10.37
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	5.42
Tr Pump		0.51
Tr NET		0.00
PT		0.00
Dist NET		4.91
CT		0.00
TOTAL	mil E	16.35

Fuelcosts	mil E	
coal		5.587545
gas		12.14034
biomass		0
waste H		0
others		0
TOTAL		17.72788
Fuel cons		
gsE3Mc/y		35282.02
Coal t/y		193152
biom t/y		0
gas TJ/y		1254.958
coal TJ/y		1334.294
biom TJ/y		0
Total TJ/y		2589.252

O&Mcos	mil E	
Tpump&is		0.078416
D pump		0.356749
DESOX		0
Free		0
Ist Depr		0.78
Sal		5.474115
Cfix		7.11816
Others		0
TOTAL		13.81184
Electr inc	mil E	
C1		0
C2		2.121056
Total		2.121056
CO2 inc	mil E	1.324042

SalOPSEI Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOiCAFC: 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	7118.15	512	0	0	0	1.00	2012	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0		
-583.524	1	35589.5	12561	6908	258.0553	85.5	52	90	29	87	39.55	86	0	246.1026	246.1026	0	0	0	0	0	0	67	17.35671	0	0	1	0	0	1.63E-12	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	0	0	1	28.0944
0	1	35589.5	12561	6908	380.752	73.07037	52	90	29	87	39.55	86	220.7809	223.3067	444.0876	16.83436	1.458994	0	1.458994	0	0	67	25.51038	0	0	0	1	1	0	0	21455.8	21455.8		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	#DIV/0!	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.407124	35589.5	12561	6908	1483.458	41.11303	52	90	29	87	39.55	86	823.1657	380.9664	1204.132	-17.7201	0	0	0	0	3111.993	260	380.4991	250	204.8249	0	1	1	97416.85	44475.8	30541.29	0	1	93.31462
0	0.85	35589.5	12561	6908	299.1944	82.1352	52	90	33	87	39.55	86	101.3665	243.3952	344.7617	15.22997	0.54399	0.095998	0.146877	0.397113	640.7971	260	77.79055	250	41.93075	0	1	1	0	1411.74	7999.86	7999.86	1	46.06581
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.65E-05	0	8.28E-07	1.57E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432
0	0	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.003001	0.095998	TotelcogG	TotelcogS									#DIV/0!	45887.54	56997.19	29455.9		
																			1.605872	0.397129														

Products		
Heat sold	TJ/y	813
Losses	TJ/y	261
Heat C1	TJ/y	206.286
Heat C2	TJ/y	748.4158
Heat CT	TJ/y	106.3002
HeatDwell	TJ/y	687.2288
HeatPublic	TJ/y	27.642
H Industrie	TJ/y	0
H Services	TJ/y	26.829
El Tot C1	MWh/y	0
El Tot C2	MWh/y	105884.7
El Cogen	MWh/y	56997.19
El hef Cog	MWh/y	29455.9
El Tot	MWh/y	105884.7

Emmiss		
CO2	t/y	187399.8
SO2 C2	t/y	3765.775
NOx C1	t/y	17.35702
NOx C2	t/y	484.0899
Dust C2	t/y	248.7564
Emm lim		
CO2	t/y	253000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	1.625
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	1.625
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0.877
Water ep		0
Col cen		0.00
Inch dep		0.748
Waste Pl		0

Inv NET	mil E	3.98
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		3.98
CT		0.00
TOTAL	mil E	5.61

Fuelcosts	mil E	
coal		5.475696
gas		11.75386
biomass		0
waste H		0
others		0
TOTAL		17.22956
Fuel cons		
gsE3Mc/y		34184.21
Coal t/y		188947.5
biom t/y		0
gas TJ/y		1215.602
coal TJ/y		1306.249
biom TJ/y		0
Total TJ/y		2521.851

O&Mcos	mil E	
Tpump&is		0.073221
D pump		0.352214
DESOX		0
Free		0
Ist Depr		0.86
Sal		5.82739
Cfix		7.63016
Others		0
TOTAL		14.33982
Electr inc	mil E	
C1		0
C2		2.098999
Total		2.098999
CO2 inc	mil E	1.501206

SalOPSEI Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOiCAFC: 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	7118.15	173	0	0	0	1.00	2013	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-3.542	1	35589.5	12561	6908	1.628278	90	52	90	29	87	39.55	86	0	1.628278	1.628278	0	0	0	0	0	0	67	0.109095	0	0	1	0	0	1.02E-14	0	0	0
-11.2838	1	35589.5	12561	6908	5.187228	90	52	90	29	87	39.55	86	0	5.187228	5.187228	0	0	0	0	0	0	67	0.347544	0	0	1	0	0	3.26E-14	0	0	0
-26.083	1	35589.5	12561	6908	12.90992	90	52	90	33	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.864964	0	0	1	0	0	8.11E-14	0	0	0
-51.5614	1	35589.5	12561	6908	23.70307	90	52	90	33	87	39.55	86	0	23.70307	23.70307	0	0	0	0	0	0	67	1.588106	0	0	1	0	0	1.49E-13	0	0	0
-375.138	1	35589.5	12561	6908	172.4532	90	52	90	29	87	39.55	86	0	172.4532	172.4532	0	0	0	0	0	0	67	11.55437	0	0	1	0	0	1.08E-12	0	0	0
0	1	35589.5	12561	6908	589.4701	87.31089	52	90	29	87	39.55	86	391.3205	326.6395	717.96	28.0751	3.838862	0	3.838862	0	0	67	38.1545	0	0	0	1	1	0	0	56453.85	56453.85
-16.992	1	35589.5	12561	6908	13.10713	92	52	90	29	87	39.55	86	0	13.3984	13.3984	0	0	0	0	0	0	67	0.878178	0	0	0	1	0	0	0	0	0
-14.9713	1	35589.5	12561	6908	11.54838	92	52	90	29	87	39.55	86	0	11.80501	11.80501	0	0	0	0	0	0	67	0.773742	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.613	77.10931	52	90	29	87	39.55	86	868.6035	449.2095	1317.813	18.76332	8.52505	0	8.52505	0	0	67	74.34405	0	0	0	1	1	0	0	125368.4	125368.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	12.36391	0	TotelcogG	TotelcogS									1.38E-12	0	181822.2	181822.2
																			12.36391	0												

Products		
Heat sold	TJ/y	786
Losses	TJ/y	209
Heat C1	TJ/y	172.7108
Heat C2	TJ/y	720.9471

Emmiss		
CO2	t/y	1.38E-12
SO2 C2	t/y	0
NOx C1	t/y	14.46408
NOx C2	t/y	114.1505

Inv LCP	mil E	1.756
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0

Inv NET	mil E	4.54
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		4.54
CT		0.00

Fuelcosts	mil E	
coal		0
gas		18.90364
biomass		0

O&Mcos	mil E	
Tpump&is		0.064137
D pump		0.339057
DESOX		0
Free		0

Heat CT	TJ/y	98.29533
HeatDwell	TJ/y	674.0736
HeatPublic	TJ/y	26.724
H Industrie	TJ/y	0
H Services	TJ/y	25.938
El Tot C1	MWh/y	0
El Tot C2	MWh/y	181822.2
El Cogen	MWh/y	181822.2
El hef Cog	MWh/y	181822.2
El Tot	MWh/y	181822.2

Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

F		0
F		0
C2	mil E	1.756
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		1.756
Waste Pl		0

TOTAL	mil E	6.30

waste H	0
others	0
TOTAL	18.90364
Fuel cons	
gsE3Mc/y	56928.19
Coal t/y	0
biom t/y	0
gas TJ/y	2026.046
coal TJ/y	0
biom TJ/y	0
Total TJ/y	2026.046

Ist Depr		0.65
Sal		5.758075
Cfix		7.29115
Others		0
TOTAL		14.11246
Electr inc	mil E	
C1		0
C2		12.38391
Total		12.38391
CO2 inc	mil E	-3.8E-17

SalOPSEL Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	S NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOx CAF2 0 or 1	NOx CAF3 0 or 1	NOxi CAF4 0 or 1	NOx CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2
0	5351.15	173	0	0	0	1.00	2014	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-2.8336	1	35589.5	12561	6908	1.302622	90	52	90	29	87	39.55	86	0	1.302622	1.302622	0	0	0	0	0	0	67	0.087276	0	0	1	0	0	8.19E-15	0	0	0
-9.614	1	35589.5	12561	6908	4.419611	90	52	90	29	87	39.55	86	0	4.419611	4.419611	0	0	0	0	0	0	67	0.296114	0	0	1	0	0	2.78E-14	0	0	0
-23.3772	1	35589.5	12561	6908	10.74663	90	52	90	33	87	39.55	86	0	10.74663	10.74663	0	0	0	0	0	0	67	0.720024	0	0	1	0	0	6.75E-14	0	0	0
-44.0726	1	35589.5	12561	6908	20.26043	90	52	90	33	87	39.55	86	0	20.26043	20.26043	0	0	0	0	0	0	67	1.357449	0	0	1	0	0	1.27E-13	0	0	0
-340.432	1	35589.5	12561	6908	156.4984	90	52	90	29	87	39.55	86	0	156.4984	156.4984	0	0	0	0	0	0	67	10.48539	0	0	1	0	0	9.83E-13	0	0	0
0	1	35589.5	12561	6908	524.9834	87.3126	52	90	29	87	39.55	86	360.1782	301.4733	681.6515	26.03048	3.533344	0	3.533344	0	0	67	35.17456	0	0	0	1	1	0	0	51960.94	51960.94
-15.753	1	35589.5	12561	6908	12.1514	92	52	90	29	87	39.55	86	0	12.42143	12.42143	0	0	0	0	0	0	67	0.814144	0	0	0	1	0	0	0	0	0
-13.393	1	35589.5	12561	6908	10.33097	92	52	90	29	87	39.55	86	0	10.56054	10.56054	0	0	0	0	0	0	67	0.692175	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.493	76.69761	52	90	29	87	39.55	86	870.3461	443.0195	1313.386	18.37529	8.542257	0	8.542257	0	0	67	74.33603	0	0	0	1	1	0	0	125621.4	125621.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	12.0756	0	TotelcogG 12.0756	TotelcogS 0									1.21E-12	0	177582.4	177582.4

Products		
Heat sold	TJ/y	758
Losses	TJ/y	209
Heat C1	TJ/y	176.276
Heat C2	TJ/y	680.7273
Heat CT	TJ/y	98.33392
HeatDwell	TJ/y	650.0608
HeatPublic	TJ/y	26.772
H Industrie	TJ/y	0
H Services	TJ/y	25.014
El Tot C1	MWh/y	0
El Tot C2	MWh/y	177582.4
El Cogen	MWh/y	177582.4
El hef Cog	MWh/y	177582.4
El Tot	MWh/y	177582.4

Emmiss		
CO2	t/y	1.21E-12
SO2 C2	t/y	0
NOx C1	t/y	12.94826
NOx C2	t/y	111.0169
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		18.19425
biomass		0
waste H		0
others		0
TOTAL		18.19425
Fuel cons		
gsE3Mc/y		54988.33
Coal t/y		0
biom t/y		0
gas TJ/y		1953.448
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1953.448

O&Mcos	mil E	
Tpump&is		0.058656
D pump		0.32722
DESOX		0
Free		0
Ist Depr		0.64
Sal		5.900741
Cfix		5.62415
Others		0
TOTAL		12.44839
Electr inc	mil E	
C1		0
C2		12.0756
Total		12.0756
CO2 inc	mil E	-3.5E-17

SalOPSEL Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	S NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOx CAF2 0 or 1	NOx CAF3 0 or 1	NOxi CAF4 0 or 1	NOx CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2
0	5351.15	173	0	0	0	1.00	2015	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-2.3276	1	35589.5	12561	6908	1.070011	90	52	90	29	87	39.55	86	0	1.070011	1.070011	0	0	0	0	0	0	67	0.071691	0	0	1	0	0	6.72E-15	0	0	0
-8.602	1	35589.5	12561	6908	3.954389	90	52	90	29	87	39.55	86	0	3.954389	3.954389	0	0	0	0	0	0	67	0.264944	0	0	1	0	0	2.48E-14	0	0	0
-20.2906	1	35589.5	12561	6908	9.327706	90	52	90	33	87	39.55	86	0	9.327706	9.327706	0	0	0	0	0	0	67	0.624956	0	0	1	0	0	5.86E-14	0	0	0
-40.3282	1	35589.5	12561	6908	18.53911	90	52	90	33	87	39.55	86	0	18.53911	18.53911	0	0	0	0	0	0	67	1.24212	0	0	1	0	0	1.16E-13	0	0	0
-322.454	1	35589.5	12561	6908	148.2338	90	52	90	29	87	39.55	86	0	148.2338	148.2338	0	0	0	0	0	0	67	9.931662	0	0	1	0	0	9.31E-13	0	0	0
0	1	35589.5	12561	6908	510.7214	87.31727	52	90	29	87	39.55	86	348.8468	294.1949	643.0415	25.90847	3.422148	0	3.422148	0	0	67	34.21833	0	0	0	1	1	0	0	50325.71	50325.71
-15.6645	1	35589.5	12561	6908	12.08314	92	52	90	29	87	39.55	86	0	12.35165	12.35165	0	0	0	0	0	0	67	0.80957	0	0	0	1	0	0	0	0	0
-11.2543	1	35589.5	12561	6908	8.881198	92	52	90	29	87	39.55	86	0	8.874114	8.874114	0	0	0	0	0	0	67	0.58164	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.414	76.43037	52	90	29	87	39.55	86	871.4756	439.0014	1310.477	18.12341	8.55341	0	8.55341	0	0	67	74.33071	0	0	0	1	1	0	0	125785.4	125785.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.97556	0	TotelcogG 11.97556	TotelcogS 0									1.14E-12	0	176111.2	176111.2

Products		
Heat sold	TJ/y	730
Losses	TJ/y	209
Heat C1	TJ/y	161.3727
Heat C2	TJ/y	678.9799
Heat CT	TJ/y	93.37252
HeatDwell	TJ/y	628.048
HeatPublic	TJ/y	24.82
H Industrie	TJ/y	0
H Services	TJ/y	24.09
El Tot C1	MWh/y	0
El Tot C2	MWh/y	176111.2
El Cogen	MWh/y	176111.2
El hef Cog	MWh/y	176111.2

Emmiss		
CO2	t/y	1.14E-12
SO2 C2	t/y	0
NOx C1	t/y	12.13537
NOx C2	t/y	106.9403
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.87869
biomass		0
waste H		0
others		0
TOTAL		17.87869
Fuel cons		
gsE3Mc/y		54007.56
Coal t/y		0
biom t/y		0
gas TJ/y		1922.102
coal TJ/y		0

O&Mcos	mil E	
Tpump&is		0.052458
D pump		0.315364
DESOX		0
Free		0
Ist Depr		0.51
Sal		5.900741
Cfix		5.52415
Others		0
TOTAL		12.29698
Electr inc	mil E	
C1		0
C2		11.97556
Total		11.97556

El Tot	MWh/y	176111.2	SO2 C2	OK	Col cen	0.00	biom TJ/y	0
			NOx C1	OK	Inch dep	0	Total TJ/y	1822.102
			NOx C2	OK			CO2 inc mil E	-3.4E-17
			Dust C2	OK	Waste Pl	0		

SalOPSEI	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOxCAFC	NOx CAC2	NO act C2	NO re C2	NOx CAF1	NOx CAF2	NOx CAF3	NOx CAF4	NOx CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5351.15	173	0	0	0	1.00	2016	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-1.9228	1	35589.5	12561	6908	0.883922	90	52	90	29	87	39.55	86	0	0.883922	0.883922	0	0	0	0	0	0	67	0.059223	0	0	1	0	0	5.55E-15	0	0	0
-7.7924	1	35589.5	12561	6908	3.582211	90	52	90	29	87	39.55	86	0	3.582211	3.582211	0	0	0	0	0	0	67	0.240008	0	0	1	0	0	2.25E-14	0	0	0
-17.457	1	35589.5	12561	6908	8.025083	90	52	90	33	87	39.55	86	0	8.025083	8.025083	0	0	0	0	0	0	67	0.537681	0	0	1	0	0	5.04E-14	0	0	0
-38.7862	1	35589.5	12561	6908	16.91083	90	52	90	33	87	39.55	86	0	16.91083	16.91083	0	0	0	0	0	0	67	1.133025	0	0	1	0	0	1.06E-13	0	0	0
-305.148	1	35589.5	12561	6908	140.2785	90	52	90	29	87	39.55	86	0	140.2785	140.2785	0	0	0	0	0	0	67	9.398657	0	0	1	0	0	8.81E-13	0	0	0
0	1	35589.5	12561	6908	498.5732	87.32178	52	90	29	87	39.55	86	337.7348	286.9072	624.642	25.79052	3.313113	0	3.313113	0	0	67	33.2704	0	0	0	1	1	0	0	48722.25	48722.25
-15.576	1	35589.5	12561	6908	12.01487	92	52	90	29	87	39.55	86	0	12.28187	12.28187	0	0	0	0	0	0	67	0.804996	0	0	0	1	0	0	0	0	0
-9.4695	1	35589.5	12561	6908	7.304495	92	52	90	29	87	39.55	86	0	7.466817	7.466817	0	0	0	0	0	0	67	0.489401	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.335	76.17058	52	90	29	87	39.55	86	872.5724	435.0953	1307.668	17.87854	8.564241	0	8.564241	0	0	67	74.32544	0	0	0	1	1	0	0	125944.7	125944.7
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.87735	0	TotalcogG	TotalcogS									1.07E-12	0	174667	174667
																			11.87735	0												

Products		
Heat sold	TJ/y	703
Losses	TJ/y	209
Heat C1	TJ/y	146.8375
Heat C2	TJ/y	867.5761
Heat CT	TJ/y	90.49039
HeatDwell	TJ/y	602.8928
HeatPublic	TJ/y	23.902
H Industrie	TJ/y	0
H Services	TJ/y	23.199
El Tot C1	MWh/y	0
El Tot C2	MWh/y	174667
El Cogen	MWh/y	174667
El hef Cog	MWh/y	174667
El Tot	MWh/y	174667

Emmiss		
CO2	t/y	1.07E-12
SO2 C2	t/y	0
NOx C1	t/y	11.36859
NOx C2	t/y	108.8602
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0	Inv NET	mil E	0.00
C 1	mil E	0	Tr Pump		0.00
F		0	Tr NET		0.00
LOilTank		0	PT		0.00
F		0	Dist NET		0.00
CAF 100		0	CT		0.00
F		0	TOTAL	mil E	0.00
F		0			
C2	mil E	0			
St boil 15 t/h		0			
LOilTank		0			
F		0			
GAS duct		0			
Comb Cy		0			
Water ep		0			
Col cen		0.00			
Inch dep		0			
Waste Pl		0			

Fuelcosts	mil E
coal	0
gas	17.57504
biomass	0
waste H	0
others	0
TOTAL	17.57504
Fuel cons	
gsE3Mc/y	53156.84
Coal t/y	0
biom t/y	0
gas TJ/y	1891.897
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1891.897

O&Mcos	mil E
Tpump&is	0.046597
D pump	0.303959
DESOX	0
Free	0
Ist Depr	0.50
Sal	5.900741
Cfix	5.52415
Others	0
TOTAL	12.27589
Electr inc mil E	
C1	0
C2	11.87735
Total	11.87735
CO2 inc mil E	-3.3E-17

SalOPSEI	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOxCAFC	NOx CAC2	NO act C2	NO re C2	NOx CAF1	NOx CAF2	NOx CAF3	NOx CAF4	NOx CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5351.15	685	0	0	0	1.00	2017	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-1.3662	1	35589.5	12561	6908	0.62805	90	52	90	29	87	39.55	86	0	0.62805	0.62805	0	0	0	0	0	0	67	0.042079	0	0	1	0	0	3.95E-15	0	0	0
-6.6792	1	35589.5	12561	6908	3.070467	90	52	90	29	87	39.55	86	0	3.070467	3.070467	0	0	0	0	0	0	67	0.205721	0	0	1	0	0	1.93E-14	0	0	0
-14.7752	1	35589.5	12561	6908	6.792244	90	52	90	33	87	39.55	86	0	6.792244	6.792244	0	0	0	0	0	0	67	0.45508	0	0	1	0	0	4.27E-14	0	0	0
-33.4972	1	35589.5	12561	6908	15.39886	90	52	90	33	87	39.55	86	0	15.39886	15.39886	0	0	0	0	0	0	67	1.031723	0	0	1	0	0	9.68E-14	0	0	0
-286.788	1	35589.5	12561	6908	131.837	90	52	90	29	87	39.55	86	0	131.837	131.837	0	0	0	0	0	0	67	8.833079	0	0	1	0	0	8.28E-13	0	0	0
0	1	35589.5	12561	6908	481.113	87.32662	52	90	29	87	39.55	86	325.7157	278.8705	804.5862	25.66405	3.195176	0	3.195176	0	0	67	32.23457	0	0	0	1	1	0	0	46987.88	46987.88
-15.6203	1	35589.5	12561	6908	12.049	92	52	90	29	87	39.55	86	0	12.31676	12.31676	0	0	0	0	0	0	67	0.807283	0	0	0	1	0	0	0	0	0
-8.732	1	35589.5	12561	6908	8.735609	92	52	90	29	87	39.55	86	0	6.885289	6.885289	0	0	0	0	0	0	67	0.451286	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.271	75.96437	52	90	29	87	39.55	86	873.4421	431.9949	1305.437	17.68419	8.572828	0	8.572828	0	0	67	74.32118	0	0	0	1	1	0	0	126071	126071
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.788	0	TotalcogG	TotalcogS									9.91E-13	0	173058.9	173058.9
																			11.788	0												

Products		
Heat sold	TJ/y	874
Losses	TJ/y	209
Heat C1	TJ/y	129.9866
Heat C2	TJ/y	657.0807
Heat CT	TJ/y	87.4497
HeatDwell	TJ/y	678.0224
HeatPublic	TJ/y	22.918
H Industrie	TJ/y	0
H Services	TJ/y	22.242
El Tot C1	MWh/y	0
El Tot C2	MWh/y	173058.9
El Cogen	MWh/y	173058.9
El hef Cog	MWh/y	173058.9
El Tot	MWh/y	173058.9

Emmiss		
CO2	t/y	9.91E-13
SO2 C2	t/y	0
NOx C1	t/y	10.56758
NOx C2	t/y	107.5143
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0	Inv NET	mil E	0.00
C 1	mil E	0	Tr Pump		0.00
F		0	Tr NET		0.00
LOilTank		0	PT		0.00
F		0	Dist NET		0.00
CAF 100		0	CT		0.00
F		0	TOTAL	mil E	0.00
F		0			
C2	mil E	0			
St boil 15 t/h		0			
LOilTank		0			
F		0			
GAS duct		0			
Comb Cy		0			
Water ep		0			
Col cen		0.00			
Inch dep		0			
Waste Pl		0			

Fuelcosts	mil E
coal	0
gas	17.2603
biomass	0
waste H	0
others	0
TOTAL	17.2603
Fuel cons	
gsE3Mc/y	52280.17
Coal t/y	0
biom t/y	0
gas TJ/y	1860.625
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1860.625

O&Mcos	mil E
Tpump&is	0.044845
D pump	0.291711
DESOX	0
Free	0
Ist Depr	0.45
Sal	5.900741
Cfix	6.03615
Others	0
TOTAL	12.72208
Electr inc mil E	
C1	0
C2	11.788
Total	11.788
CO2 inc mil E	3.2E-17

SalOPSEI	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOxCAFC	NOx CAC2	NO act C2	NO re C2	NOx CAF1	NOx CAF2	NOx CAF3	NOx CAF4	NOx CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2018	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5
																			11.65707	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	850.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51562.65
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.38
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.083
Electr Inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 inc	mil E	-3.1E-17

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	173	0	0	0	1.00	2019	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5
																			11.65707	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	850.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.03021
Electr Inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 inc	mil E	-3.2E-17

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	173	0	0	0	1.00	2020	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0

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0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5
																			11.65707	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	850.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	564.8872
HeatPublic	TJ/y	21.996
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.02236
Electr inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 inc	mil E	-3.3E-17

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOxCAFC 0 or 1(act)	NOx CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOx CAF1 0 or 1	NOx CAF2 0 or 1	NOx CAF3 0 or 1	NOx CAF4 0 or 1	NOx CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	173	0	0	0	1.00	2021	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-289.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5
																			11.65707	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	850.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8872
HeatPublic	TJ/y	21.996
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.32
Sal		5.900741
Cfix		5.48216
Others		0
TOTAL		12.02179
Electr inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 inc	mil E	-3.3E-17

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim S mg/Nmc	NOxCAFC 0 or 1(act)	NOx CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOx CAF1 0 or 1	NOx CAF2 0 or 1	NOx CAF3 0 or 1	NOx CAF4 0 or 1	NOx CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5309.15	685	0	0	0	1.00	2022	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-289.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	654.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.331
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 lim		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

11.65707 0

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.31
Sal		5.900741
Cfix		5.99415
Others		0
TOTAL		12.5312
Electr inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 inc	mil E	3.4E-17

SalOPSEC	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S	NOiCAFC2	NOi CAC2	NO act C2	NO re C2	NOx CAF'	NOx CAF2	NOx CAF3	NOx CAF4	NOx CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc		0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2023	0.30	0.00	0.00	0.00	0.00	0.00		0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	67	0.028053	0	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	67	0.177668	0	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	67	0.427027	0	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	67	0.981852	0	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	67	8.297113	0	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08	
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5087	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4	
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		11.65707	0	TotelcogG	TotelcogS								9.3E-13	0	171427.5	171427.5

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	654.8672
HeatPublic	TJ/y	21.998
H Industrie	TJ/y	0
H Services	TJ/y	21.331
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 lim		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

11.65707 0

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.01042
Electr inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 inc	mil E	3.5E-17

SalOPSEC	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S	NOiCAFC2	NOi CAC2	NO act C2	NO re C2	NOx CAF'	NOx CAF2	NOx CAF3	NOx CAF4	NOx CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc		0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2024	0.30	0.00	0.00	0.00	0.00	0.00		0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	67	0.028053	0	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	67	0.177668	0	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	67	0.427027	0	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	67	0.981852	0	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	67	8.297113	0	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08	
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5087	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4	
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		11.65707	0	TotelcogG	TotelcogS								9.3E-13	0	171427.5	171427.5

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	654.8672
HeatPublic	TJ/y	21.998

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

11.65707 0

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215

H industrie TJ/y	0
H Services TJ/y	21.351
El Tot C1 MWh/y	0
El Tot C2 MWh/y	171427.5
El Cogen MWh/y	171427.5
El hef Cog MWh/y	171427.5
El Tot MWh/y	171427.5

SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

St boil 15 t/h	0
LOilTank	0
F	0
GAS duct	0
Comb Cy	0
Water ep	0
Col cen	0.00
Inch dep	0
Waste Pl	0

Fuel cons	
gsE3Mc/y	51552.85
Coal t/y	0
biom t/y	0
gas TJ/y	1834.74
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1834.74

Others	0
TOTAL	12.01032
Electr inc mil E	
C1	0
C2	11.65707
Total	11.65707
CO2 inc mil E	-3.6E-17

SalOPSE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOiCAFC:	NOi CAC2	NO act C2	NO re C2	NOx CAF'	NOxi CAF:	NOxi CAF:	NOxi CAF4	NOxi CAF!	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2025	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5
																			11.65707	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts mil E	
coal	0
gas	17.00091
biomass	0
waste H	0
others	0
TOTAL	17.00091
Fuel cons	
gsE3Mc/y	51552.85
Coal t/y	0
biom t/y	0
gas TJ/y	1834.74
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1834.74

O&Mcos mil E	
Tpump&is	0.042058
D pump	0.280598
DESOX	0
Free	0
Ist Depr	0.25
Sal	5.900741
Cfix	5.48215
Others	0
TOTAL	11.95884
Electr inc mil E	
C1	0
C2	11.65707
Total	11.65707
CO2 inc mil E	-3.7E-17

SalOPSE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOiCAFC:	NOi CAC2	NO act C2	NO re C2	NOx CAF'	NOxi CAF:	NOxi CAF:	NOxi CAF4	NOxi CAF!	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	5309.15	173	0	0	0	1.00	2026	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	0	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	1	0	0	45347.08	45347.08
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07694	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	1	0	0	126080.4	126080.4
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	11.65707	0	TotelcogG	TotelcogS									9.3E-13	0	171427.5	171427.5
																			11.65707	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0033
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.998
H industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	9.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts mil E	
coal	0
gas	17.00091
biomass	0
waste H	0
others	0
TOTAL	17.00091
Fuel cons	
gsE3Mc/y	51552.85
Coal t/y	0
biom t/y	0
gas TJ/y	1834.74
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1834.74

O&Mcos mil E	
Tpump&is	0.042058
D pump	0.280598
DESOX	0
Free	0
Ist Depr	0.20
Sal	5.900741
Cfix	5.48215
Others	0
TOTAL	11.90795
Electr inc mil E	
C1	0
C2	11.65707
Total	11.65707
CO2 inc mil E	-3.7E-17

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Dust C2	OK	Waste Pl	0
0	5309.15	685	0	0	0	1.00	2027	0.18	0.00	0.00	0.00

Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	S NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
								550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	1	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	0	0	45347.08	45347.08	0
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07894	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	126080.4	126080.4	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																													9.3E-13	0	171427.5	171427.5

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0053
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30605
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.996
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	8.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280586
DESOX		0
Free		0
Ist Depr		0.14
Sal		5.900741
Cfix		5.96415
Others		0
TOTAL		12.39855
Electr inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 Inc	mil E	-3.7E-17

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	S NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0.00	5309.15	173	0	0	0	1	2028	0.144054	0	0	0	0	0	0	0	150	67	0	0	0	0	0	0	0	150	67	0	0	0	20	0	0	0	22	0
																550mg	250mg								450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	1	0	0	0	0	0
-0.9108	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	67	0.028053	0	0	1	0	0	2.63E-15	0	0	0
-5.7684	1	35589.5	12561	6908	2.651767	90	52	90	29	87	39.55	86	0	2.651767	2.651767	0	0	0	0	0	0	67	0.177668	0	0	1	0	0	1.67E-14	0	0	0
-13.8644	1	35589.5	12561	6908	6.373544	90	52	90	33	87	39.55	86	0	6.373544	6.373544	0	0	0	0	0	0	67	0.427027	0	0	1	0	0	4.01E-14	0	0	0
-31.878	1	35589.5	12561	6908	14.6545	90	52	90	33	87	39.55	86	0	14.6545	14.6545	0	0	0	0	0	0	67	0.981852	0	0	1	0	0	9.21E-14	0	0	0
-269.384	1	35589.5	12561	6908	123.8375	90	52	90	29	87	39.55	86	0	123.8375	123.8375	0	0	0	0	0	0	67	8.297113	0	0	1	1	0	7.78E-13	0	0	0
0	1	35589.5	12561	6908	466.3961	87.3313	52	90	29	87	39.55	86	314.3449	271.178	585.5229	25.54199	3.083602	0	3.083602	0	0	67	31.24854	0	0	0	1	0	0	45347.08	45347.08	0
-16.3725	1	35589.5	12561	6908	12.62927	92	52	90	29	87	39.55	86	0	12.90992	12.90992	0	0	0	0	0	0	67	0.846161	0	0	0	1	0	0	0	0	0
-9.1745	1	35589.5	12561	6908	7.07894	92	52	90	29	87	39.55	86	0	7.234206	7.234206	0	0	0	0	0	0	67	0.474155	0	0	0	1	0	0	126080.4	126080.4	0
0	1	35589.5	12561	6908	1109.267	75.94905	52	90	29	87	39.55	86	873.5067	431.7646	1305.271	17.66975	8.573466	0	8.573466	0	0	67	74.32087	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	67	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																													9.3E-13	0	171427.5	171427.5

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	117.0053
Heat C2	TJ/y	650.7781
Heat CT	TJ/y	85.30605
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.996
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	171427.5
El Cogen	MWh/y	171427.5
El hef Cog	MWh/y	171427.5
El Tot	MWh/y	171427.5

mil E 0.144054

Emmiss		
CO2	t/y	9.3E-13
SO2 C2	t/y	0
NOx C1	t/y	8.911713
NOx C2	t/y	106.8897
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		17.00091
biomass		0
waste H		0
others		0
TOTAL		17.00091
Fuel cons		
gsE3Mc/y		51552.85
Coal t/y		0
biom t/y		0
gas TJ/y		1834.74
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1834.74

O&Mcos	mil E	
Tpump&is		0.042058
D pump		0.280586
DESOX		0
Free		0
Ist Depr		0.14
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		11.8496
Electr inc	mil E	
C1		0
C2		11.65707
Total		11.65707
CO2 Inc	mil E	-3.7E-17

Anexa 5A - V
Calc - pg. 1 col 3

NOxi CAF	NOxi CAF	NOxi CAF	NOxi CAF	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2	PI S 7 C2	PI D 7 C2	PI N C2	PI S C2	PI D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1
0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t	t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00	0.00	90.00	1099.00	8132.00	263.00	0.00	0	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.042	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	5.63	0.00	0.00	0.00	0.00	1.00	0.00	0.41	0.00	10.77	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.56	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	10.37	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.75	0.00	0.877	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.76	0.00	0.00	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00

					An	2008								2009								2010								2011			
					Index	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L
oneter, valorilor si timpilor		Nume																															
	CAF GAS L1				1=tri trapez	1	104.00	100.00	10.00	44.00	4	0	10	44	104.00	100.00	1.00	15.00	4	0	1	15	104.00	100.00	1.00	1.00	0	0	1	1	104.00	100.00	1.00
	CAF GAS L 2				2=p-colt	1	100.00	80.00	44.00	129.00	10	0	44	129	100.00	80.00	15.00	100.00	10	0	15	100	100.00	90.00	1.00	71.00	10	0	1	71	100.00	90.00	1.00
	CAF GAS L3				3=penta	1	90.00	80.00	129.00	271	10	0	129	271	90.00	80.00	100.00	186	10	0	100	186	90.00	80.00	71.00	156.00	10	0	71	156	90.00	80.00	42.00
	CAF GAS L 4				4=cap col	1	80.00	70	271.00	544.00	10	0	271	544	80.00	70	186.00	476.00	10	0	186	476	80.00	70	156.00	406.00	10	0	156	406	80.00	70	127.00
	CAF GAS L 5				daca 3	1	70.00	60.00	544.00	1639.00	10	0	544	1639	70.00	60.00	476.00	1155.00	10	0	476	1155	70.00	60.00	406.00	658.00	10	0	406	658	70.00	60.00	261.00
	CAF GAS L 6				atunci	1	60.00	50.00	1639.00	3084.00	10	0	1639	3084	60.00	50.00	1155.00	2599.00	10	0	1155	2599	60.00	50.00	658.00	2103.00	10	0	658	2103	60.00	50.00	539.00
	CAF GAS L 7				n=4-2	1	50.00	31.00	3084.00	3884.00	19	0	3084	3884	50.00	31.00	2599.00	3811.00	19	0	2599	3811	50.00	31.00	2103.00	3724.00	19	0	2103	3724	50.00	31.00	1605.00
	Turbina Gaz Chimiei					3	31.00	22.00	3884.00	4263.00	19	10	3884	4263	31.00	22.00	3811.00	4201.00	19	10	3811	4201	31.00	22.00	3724.00	4130.00	19	10	3724	4130	31.00	22.00	3622.00
	Babcock					4	22.00	17.00	4263.00	4809.00	10	5	0	546	22.00	17.00	4201.00	4545.00	10	5	0	344	22.00	17.00	4130.00	4476.00	10	5	0	346	22.00	17.00	4046.00
	Babcock					2	17.00	12.00	4809.00	5722.00	5	0	0	1113	17.00	12.00	4545.00	5631.00	5	0	0	1085	17.00	12.00	4476.00	5535.00	5	0	0	1059	17.00	12.00	4399.00
	Ciclu mixt Chimiei					3	12.00	8.00	1.00	1.00	0	8	1	1	12.00	8.00	1.00	1.00	0	8	1	1	12.00	7.86	5535.00	8760.00	12	7.86	5535	8760	12.00	7.50	5435.00
	Ciclu mixt Chimiei					1	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
	Babcock					3	12.00	8.00	5722.00	8760.00	12	8	8001	8760	12.00	7.83	5631.00	8760.00	12	8	8001	8760	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
						1	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
						1	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00

PI S 7 C2	PI D 7 C2	PI N C2	PI S C2	PI D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	263.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2008.00

zonele se incarca de la virf spre baza,fara colturi
daca o unitate nu este folosita, se pun valori 0,0,0,0
sau 1,1,1,1 . Adresa Tmax,.Tmin L se stabileste la inceput
prin identificare pentru primul an. I
Se copiaza zona bleu-turcoaz-roz. Apoi se da paste special
"FORMULAS" pentru toti anii cu albastrul pe zonele galbene.
Orice zona necesita un index.
Ultima zona trebuie sa fie trapez normal si Vmin=0
Ea poate fi si dreptunghi (cod de trap.normal)
Zonele depenta si colt trebuie scrise tot de la virf spre baza iar
adresele rebuie verificate si rescrise pentru ca pot aparea salturi
daca nu exista colt definit in fiecare strat. Se dau, la fel, adresele
pentru durate.Pentru ca este necesara mereu o zona precedenta
ea trebuie stabilita cu atentie si mai trebuie o ultima zona
precedenta care sa fie CAF cu toate valorile "0".
Rezultatele Vmax,Vmin, Tmax,Tmin sint transcrise cu paste link
la fiecare an din desfasuratorul vertical.

Link	2008								2009								2010							2011
104.00	10.00								1.00								1.00							1
100.00	44.00								15.00								1.00							1
90.00	129.00								100.00								71.00							42
80.00	271.00								186.00								156.00							127
70.00	544.00								476.00								406.00							261
60.00	1639								1155								658							539
50.00	3084								2599								2103							1605
31.00	3884								3811								3724							3622
22.00	4263								4201								4130							4046
17.00	4809								4545								4478							4399
12.00	5722								5631								5535							5435
0.00	8760								8760								8760							8760
0.00	0								0								0							0

PI S 7 C2	PI D 7 C2	PI N C2	PI S C2	PI D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.042	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29	0.00	0.00	0.02	0.00	1	2009.00

210 0.497

pg 2

210	0.497
210	0.497
0	0
230	0.497
52.07439	0.2
1.702432	0.285
0	0
0	0

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	5.63	0.00	0.00	0.00	0.00	1.00	[illegible]	0.41	0.00	10.77	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	5.69	0.00	0.00	1.35	0.00	1	2010.00

210	0.497
210	0.497
210	0.497
0	0
230	0.497
52.07439	0.2
1.702432	0.285
0	0
0	0

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.56	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	10.37	0	0	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.91	0.00	0.00	0.51	0.00	1	2011.00

210	0.497
210	0.497
210	0.497
0	0
230	0.497
52.07439	0.2
1.702432	0.285

pg. 3

0	0
0	0

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.75	0.00	0.877	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98	0.00	0.00	0.00	0.00	1	2012.00

210	0.497
210	0.497
210	0.497
0	0
230	0.497
46.06581	0.2
1.702432	0.285
0	0
0	0

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.76	0.00	0	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.00	0.00	0.00	0.00	0	2013.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2014.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2015.00

pg 3

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2016.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2017.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2018.00

pg 6

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2019.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2020.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2021.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2022.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2023.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2024.00

pg. 9

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Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2025.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2026.00

Pg. 10

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2027.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0	90	1099	8132	157	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2028

InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An	Dwellings %	Industrie %	Services %	Publics %	Rand CT %
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2008.00	85.76	0	3.30	3.40	93.30
1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29	0.000	0.00	0.02	0.00	1.00	2009.00	85.76	0	3.30	3.40	93.30
1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	6.69	0.000	0.00	1.35	0.00	1	2010.00	85.76	0	3.30	3.40	93.30
1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.91	0.000	0.00	0.51	0.00	1	2011.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	0.000	0.00	0.00	0.00	1	2012.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.000	0.00	0.00	0.00	0	2013.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2014.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2015.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2016.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2017.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2018.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2019.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2020.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2021.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2022.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2023.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2024.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2025.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2026.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2027.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2028.00	85.76	0	3.30	3.40	93.30

Paste Tr	Copy	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
						1	1	1	1	1	1	1
	104.00	10.00	1.00	1.00	1.00	1	1	1	1	1	1	1
	100.00	44.00	15.00	1.00	1.00	1	1	1	1	1	1	1
	90.00	129.00	100.00	71.00	42.00	13	1	1	1	1	1	1
	80.00	271.00	186.00	156.00	127.00	98	69	55	45	37	26	17
	70.00	544.00	476.00	406.00	261.00	183	154	135	125	117	106	97
	60	1639	1155	658	539	470	401	327	276	228	186	177
	50	3084	2599	2103	1605	1108	618	544	521	499	476	453
	31	3864	3811	3724	3622	3498	3284	2997	2833	2675	2507	2349
	22	4263	4201	4130	4046	3946	3823	3539	3482	3423	3358	3291
	17	4609	4545	4476	4399	4311	4207	3895	3836	3775	3709	3661
	12	5722	5631	5535	5435	5331	5222	4803	4599	4417	4301	4283
	0	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
	0	0	0	0	0	0	0	0	0	0	0	0

						2012								2013								2014								2015					
Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin
1.00	0	0	1	1	104.00	100.00	1.00	1.00	0	0	1	1	104.00	100.00	1.00	1.00	0.00	0.00	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0
42.00	10	0	1	42	100.00	90.00	1.00	13.00	10	0	1	13	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0
127	10	0	42	127	90.00	80.00	13.00	98	10	0	13	98	90.00	80.00	1	69	10	0	1	69	90.00	80.00	1	55	10	0	1	55	90.00	80.00	1	45	10	0
261.00	10	0	127	261	80.00	70	98.00	183.00	10	0	98	183	80.00	70	69	154	10	0	69	154	80.00	70	65	135	10	0	65	135	80.00	70	45	125	10	0
539.00	10	0	261	539	70.00	60.00	183.00	470.00	10	0	183	470	70.00	60.00	154.00	401	10	0	154	401	70.00	60.00	135.00	327	10	0	135	327	70.00	60.00	125.00	276	10	0
1605.00	10	0	539	1605	60.00	50.00	470.00	1108.00	10	0	470	1108	60.00	50.00	401	618	10	0	401	618	60.00	50.00	327	544	10	0	327	544	60.00	50.00	276	521	10	0
3622.00	19	0	1605	3622	50.00	31.00	1108.00	3498.00	19	0	1108	3498	50.00	31.00	618	3284	19	0	618	3284	50.00	31.00	544	2997	19	0	544	2997	50.00	31.00	521	2833	19	0
4046.00	19	10	3622	4046	31.00	22.00	3498.00	3946.00	19	10	3498	3946	31.00	22.00	3284	3823	19	10	3284	3823	31.00	22.00	2997	3539	19	10	2997	3539	31.00	22.00	2833	3482	19	10
4399.00	10	5	0	353	22.00	17.00	3946.00	4311.00	10	5	0	368	22	17	3823	4207	10	5	0	394	22	17	3539	3895	10	5	0	356	22	17	3482	3836	10	5
5435.00	5	0	0	1036	17.00	12.00	4311.00	5331.00	5	0	0	1020	17	12	4207	5222	5	0	0	1015	17	12	3895	4803	5	0	0	908	17	12	3836	4599	5	0
8760.00	12	7.5	5435	8760	12.00	7.33	5331.00	8760.00	12	7.33	5331	8760	12	7.16	5222	8760	12	7.16	5222	8760	12	7	4803	8760	12	7	4803	8760	12	6.83	4599	8760	12	6.83
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Dwellings %	Industrie %	Services %	Publics %	Rand CT %
85.76	0.00	3.30	3.40	93.30

2012	2013	2014	2015
1	1	1	1
1	1	1	1
13	1	1	1
98	69	55	45
183	154	135	125
470	401	327	276
1108	618	544	521
3498	3284	2997	2833
3946	3823	3539	3482
4311	4207	3895	3836
6331	6222	4803	4599
8760	8760	8760	8760
0	0	0	0

Dwellings %	Industrie %	Services %	Publics %	Rand CT %
85.76	0	3.30	3.40	93.30

pg. 1 col. V

2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
17	17	17	17	17	17	17	17	17	17
97	97	97	87	97	97	97	97	97	97
177	177	177	177	177	177	177	177	177	177
453	453	453	453	453	453	453	453	453	453
2349	2349	2349	2349	2349	2349	2349	2349	2349	2349
3291	3291	3291	3291	3291	3291	3291	3291	3291	3291
3661	3661	3661	3661	3661	3661	3661	3661	3661	3661
4283	4283	4283	4283	4283	4283	4283	4283	4283	4283
8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
0	0	0	0	0	0	0	0	0	0

2014														
59	48	39	28	18	18	18	18	18	18	18	18	18	18	18
144	133	124	113	103	103	103	103	103	103	103	103	103	103	103
346	294	243	198	188	188	188	188	188	188	188	188	188	188	188
579	554	531	506	482	482	482	482	482	482	482	482	482	482	482
3188	3014	2846	2667	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499
3765	3704	3642	3570	3501	3501	3501	3501	3501	3501	3501	3501	3501	3501	3501
4144	4081	4016	3946	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895
5110	4893	4699	4578	4556	4556	4556	4556	4556	4556	4556	4556	4556	4556	4556

55	45	37	26	17
135	125	117	106	97
327	276	228	186	177
544	521	499	476	453
2997	2833	2675	2507	2349
3539	3482	3423	3356	3291
3895	3836	3775	3709	3661
4803	4599	4417	4301	4283

		2016								2017								2018								2019								2020
Tmax	Tmin	Vmax L.	Vmin L.	Tmax L.	Tmin L.	Vmax	Vmin	Tmax	Tmin	Vmax L.	Vmin L.	Tmax L.	Tmin L.	Vmax	Vmin	Tmax	Tmin	Vmax L.	Vmin L.	Tmax L.	Tmin L.	Vmax	Vmin	Tmax	Tmin	Vmax L.	Vmin L.	Tmax L.	Tmin L.	Vmax	Vmin	Tmax	Tmin	Vmax L.
1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00
1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00
1	45	90.00	80.00	1	37	10	0	1	37	90.00	80.00	1	26	10	0	1	26	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00
45	125	80.00	70	37	117	10	0	37	117	80.00	70	26	106	10	0	26	106	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00
125	276	70.00	60.00	117.00	228	10	0	117	228	70.00	60.00	106.00	186	10	0	106	186	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	60.00
276	521	60.00	50.00	228	499	10	0	228	499	60.00	50.00	186	476	10	0	186	476	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	50.00
521	2833	50.00	31.00	499	2675	10	0	499	2675	50.00	31.00	476	2507	10	0	476	2507	50.00	31.00	453	2349	10	0	453	2349	50.00	31.00	453	2349	10	0	453	2349	31.00
2833	3482	31.00	22.00	2675	3423	10	10	2675	3423	31.00	22.00	2507	3356	10	10	2507	3356	31.00	22.00	2349	3291	10	10	2349	3291	31.00	22.00	2349	3291	10	10	2349	3291	22
0	354	22	17	3423	3775	10	5	0	362	22	17	3356	3709	10	5	0	362	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	17
0	755	17	12	3775	4417	5	0	0	642	17	12	3709	4301	5	0	0	642	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	12
4599	8760	12	6.86	4417	8760	12	6.86	4417	8760	12	6.5	4301	8760	12	6.5	4301	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2016	2017	2018	2019
1	1	1	1
1	1	1	1
1	1	1	1
1	1	17	17
37	26	97	97
117	106	177	177
228	186	453	453
499	476	2349	2349
2675	2507	3291	3291
3423	3356	3661	3661
3775	3709	4283	4283
4417	4301	8760	8760
8760	8760	0	0
0	0		

Dwellings	Industrie	Services	Publics	Rand CT
%	%	%	%	%
86.76	0.00	3.30	3.40	93.30

pg. 1 col VII

17	17	17	17	17	17	17	17	17	17
97	97	97	97	97	97	97	97	97	97
177	177	177	177	177	177	177	177	177	177
453	453	453	453	453	453	453	453	453	453
2349	2349	2349	2349	2349	2349	2349	2349	2349	2349
3291	3291	3291	3291	3291	3291	3291	3291	3291	3291
3661	3661	3661	3661	3661	3661	3661	3661	3661	3661
4283	4283	4283	4283	4283	4283	4283	4283	4283	4283

							2021								2022								2023								2024			
Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L
100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1
90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1
80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17
70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97
60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177
50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453
31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349
22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291
17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661	10	5	0	370	22	17	3291	3661
12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283	5	0	0	622	17	12	3661	4283
6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	2020								2021								2022								2023								2024	
	1								1								1								1								1	
	1								1								1								1								1	
	1								1								1								1								1	
	1								1								1								1								1	
	17								17								17								17								17	
	97								97								97								97								97	
	177								177								177								177								177	
	453								453								453								453								453	
	2349								2349								2349								2349								2349	
	3291								3291								3291								3291								3291	
	3661								3661								3661								3661								3661	
	4283								4283								4283								4283								4283	
	8760								8760								8760								8760								8760	
	0								0								0								0								0	

pg. 1. col. VII

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Vmax	Vmin	Tmax	Tmin	2025 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	2026 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	2027 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	2028 Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax
0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1	1	104.00	100.00	1	1	0	0	1
0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1	1	100.00	90.00	1	1	0	0	1
0	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	1	17	90.00	80.00	1	17	10	0	17
10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	17	97	80.00	70	17	97	10	0	97
10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	97	177	70.00	60.00	97.00	177	10	0	177
10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	177	453	60.00	50.00	177	453	10	0	453
10	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	453	2349	50.00	31.00	453	2349	19	0	2349
19	0	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	2349	3291	31.00	22.00	2349	3291	19	10	3291
19	10	3291	370	22	17	3291	3661	19	5	0	370	22	17	3291	3661	19	5	0	370	22	17	3291	3661	19	5	0	370	22	17	3291	3661	19	5	3661
19	5	0	822	17	12	3661	4283	5	0	0	822	17	12	3661	4283	5	0	0	822	17	12	3661	4283	5	0	0	822	17	12	3661	4283	5	0	4283
5	0	0	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	4283	8760	12	6.5	8760
12	6.5	4283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2025	2026	2027	2028
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
17	17	17	17
97	97	97	97
177	177	177	177
453	453	453	453
2349	2349	2349	2349
3291	3291	3291	3291
3661	3661	3661	3661
4283	4283	4283	4283
8760	8760	8760	8760
0	0	0	0

Results pg. 1

2008	YEARS		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	Products																					
923	Heat sold	TJ/y	897	869	841	813	786	758	730	703	674	647	647	647	647	647	647	647	647	647	647	647
469	Losses	TJ/y	417	385	313	261	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209
855.7948	Heat C2	TJ/y	276.8453	8.586583	220.9619	208.286	172.7108	176.278	161.3727	146.8375	129.8866	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033	117.0033
354.5081	Heat C1	TJ/y	871.1264	1075.63	799.4972	748.4158	720.9471	690.7273	678.9799	667.5761	657.0607	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781	650.7781
134.4782	Heat CT	TJ/y	127.5526	120.4685	113.3843	106.3002	99.29533	96.33392	93.37252	90.49039	87.4497	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905	85.30905
791.5646	HeatOwell	TJ/y	769.2672	745.2544	721.2416	697.2288	674.0736	650.0608	626.048	602.8928	578.0224	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672	554.8672
31.382	HeatPublic	TJ/y	30.498	29.546	28.594	27.642	26.724	25.772	24.82	23.902	22.916	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998	21.998
0	H Industrie	TJ/y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30.459	H Services	TJ/y	29.601	28.677	27.753	26.829	25.938	25.014	24.09	23.199	22.242	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351	21.351
0	El Tot C2	MWh/y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84510.58	El Tot C1	MWh/y	116421.3	107811.1	107074.7	105884.7	181822.2	177582.4	176111.2	174667	173058.9	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5
64510.58	El Cogen	MWh/y	74323.41	63810.17	63273.78	59997.19	181822.2	177582.4	176111.2	174667	173058.9	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5
84510.58	El hef Cog	MWh/y	40812.83	31572.15	31035.75	29455.9	181822.2	177582.4	176111.2	174667	173058.9	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5
84510.58	El Tot	MWh/y	116421.3	107811.1	107074.7	105884.7	181822.2	177582.4	176111.2	174667	173058.9	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5	171427.5
	Emmiss																					
93199.31	CO2	t/y	211683.9	187613.5	202075.3	197399.8	1.36E-12	1.21E-12	1.14E-12	1.07E-12	9.91E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13	9.3E-13
1309	SO2	t/y	3839.357	3839.357	3839.357	3755.775	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
275	NOx C2	t/y	21.31942	0.591522	18.11186	17.35702	14.46408	12.94626	12.13537	11.36859	10.56788	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713	9.911713
3	NOx C1	t/y	503.0171	495.5121	494.8743	484.0899	114.1505	111.0169	109.9403	108.8902	107.8143	106.8897	106.8897	106.8897	106.8897	106.8897	106.8897	106.8897	106.8897	106.8897	106.8897	106.8897
60	Dust	t/y	252.2257	252.2257	252.2257	248.7564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Emm lim																					
253000	CO2	t/y	253000	253000	253000	253000	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative	Relative
0	SO2 C1	t/y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NOx C2	t/y	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
0	NOx C1	t/y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	Dust C1	t/y	127	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
0	EM verif																					
OK	SO2 lim		OK	OK	OK	OK	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG	WRONG
OK	SO2		WRONG	WRONG	WRONG	WRONG	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
WRONG	NOx C2		WRONG	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
OK	NOx C1		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
OK	Dust		WRONG	WRONG	WRONG	WRONG	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
0	Inv LCP	mil E	0.083	17.81	10.928	1.625	1.756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	C 2	mil E	0.027	5.83	0.558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	CAF 100		0.027	5.83	0.558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	C1	mil E	0.056	12.18	10.37	1.625	1.756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	GAS duct		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Comb Cy		0.042	10.72	10.37	0.877	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Inch dep		0.014	0.41	0	0.748	1.756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Waste Pt		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Inv NET	mil E	3.305	7.044	5.423	3.98	4.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Tr Pump		0.015	1.254	0.512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Tr NET		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	PT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Dist NET		3.29	5.69	4.911	3.98	4.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	CT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	TOTAL	mil E	3.388	24.854	16.351	5.605	6.296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fuelcosts	mil E																				
0	coal		5.597545	5.597545	5.597545	5.475698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.400059	gas		11.51933	8.525287	12.14034	11.75386	18.90364	18.19425	17.87869	17.57504	17.2603	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091
0	biomass		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	waste H		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	others		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.400059	TOTAL		17.11867	14.12283	17.73788	17.22956	18.90364	18.19425	17.87869	17.57504	17.2603	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091	17.00091
0	Fuel cons																					
38985.18	gaE3Mc/y		40448.84	28395.31	35262.02	34184.31	56928.18	54888.33	54007.56	53158.84	52280.17	51552.85	51552.85	51552.85	51552.85	51552.85	51552.85	51552.85	51552.85	51552.85	51552.85	51552.85
0	Coal t/y		193152	193152	193152	188947.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	biom t/y		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1316.284	gas TJ/y		1439.554	1010.575	1254.958	1216.602	2026.046	1953.448	1922.102	1891.897	1860.625	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74
0	coal TJ/y		1334.294	1334.294	1334.294	1305.249	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	biom TJ/y		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1316.284	Total TJ/y		2773.848	2344.869	2589.252	2521.851	2026.046	1953.448	1922.102	1891.897	1860.625	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74	1834.74
	O&Mcos	mil E																				
0.751122	Tpump&is		0.745316	0.893572	0.078416	0.073221	0.084137	0.056855	0.052458	0.048597	0.044845	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058	0.042058
0.372266	D pump		0.360569	0.357488	0.356748	0.352214	0.339057	0.32722	0.315384	0.303959	0.291711	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598	0.280598
0	DESOX		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	Free		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.988079	Ist Depr		0.942142	0.887863	0.784508	0.656839	0.850044	0.640624	0.506251	0.498541	0.448617	0.377457	0.324862	0.316803	0.316243	0.313851	0.30487	0.304777	0.253091	0.202403	0.182	0.144054
5.125	Sal		5.125	5.304375	5.474115	5.62739	5.788075	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741	5.900741
7.11815	Cfix		7.11815	7.11815	7.11815	7.83015	7.29115	5.52415	5.52415	5.52415	6.03615	5.48215	5.48215	5.48215	5.48215	5.99415	5.48215	5.48215	5.48215	5.48215	5.99415	5.48215
0	Others		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14.33462	TOTAL		14.29116	14.36147	13.81194	14.33982	14.11246	12.44939	12.29898	12.27599	12.72206	12.083	12.03021	12.02235	12.02179	12.5312	12.01042	12.01032	11.95684	11.90795	12.39955	11.8496
0	Electr Inc	mil E																				
0	C2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.548082	C1		2.459705	2.02325	2.121056	2.098999	12.36391	12.0756	11.97556	11.87735	11.768	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707

Fig. 2

3.546082	Total		2.459705	2.02325	2.121056	2.098999	12.36391	12.0756	11.97556	11.87735	11.768	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707	11.65707
3.995017	CO2 inc	mil E	1.033401	1.629663	1.324042	1.501205	-3.8E-17	-3.5E-17	-3.4E-17	-3.3E-17	-3.2E-17	-3.1E-17	-3.2E-17	-3.3E-17	-3.3E-17	-3.4E-17	-3.5E-17	-3.6E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17
	CO2 inc real	mil E	0	0	0	0	-3.8E-17	-3.5E-17	-3.4E-17	-3.3E-17	-3.2E-17	-3.1E-17	-3.2E-17	-3.3E-17	-3.3E-17	-3.4E-17	-3.5E-17	-3.6E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17	-3.7E-17
	CO2 inf	t/y	211863.9	187813.5	202075.3	197399.8	108650.5	104721.1	103126.6	101591.8	100006.3	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06	98671.06
0	PR heat	E/GJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,373
0	PR el	E/MWh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76,50415

0	0	0	0	0	0	0	0	Inv LCP	mil E	Inv NET	mil E	0	0	11.65707	0	0	0	0	0	0	0	0	0	0
0	0	0	0	Emmiss	0	0	0	C1	mil E	Tr Pump	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Products			0	CO2	t/y			F	0	Tr NET	0	0	0	Fuelcosts	mil E		0	0	0	0	0	0	0	0
Heat sold	TJ/y		0	SO2 C2	t/y			LOxTank	0	PT	0	0	0	coal	0		0	0	0	0	0	0	0	0
Losses	TJ/y		0	NOx C1	t/y			F	0	Dist NET	0	0	0	gas	0		0	0	0	0	0	0	0	0
Heat C1	TJ/y		0	NOx C2	t/y			CAF 100	0	CT	0	0	0	biomass	0		0	0	0	0	0	0	0	0
Heat C2	TJ/y		0	Dust C2	t/y			F	0	TOTAL	mil E	0	0	waste H	0		0	0	0	0	0	0	0	0
Heat CT	TJ/y		0	Emm lim		0		F	0		0	0	0	others	0		0	0	0	0	0	0	0	0
HeatDwell	TJ/y		0	CO2	t/y			C2	mil E		0	0	0	TOTAL	0		0	0	0	0	0	0	0	0
HeatPublic	TJ/y		0	SO2 C2	t/y			St boil 151	0		0	0	0	fuel cons	0		0	0	0	0	0	0	0	0
H Industrie	TJ/y		0	NOx C1	t/y			tOiTank	0		0	0	0	gsE3McY	0		0	0	0	0	0	0	0	0
H Services	TJ/y		0	NOx C2	t/y			F	0		0	0	0	Coal t/y	0		0	0	0	0	0	0	0	0
El Tot.C1	MWh/y		0	Dust C2	t/y			GAS duct	0		0	0	0	biom t/y	0		0	0	0	0	0	0	0	0
El Tot.C2	MWh/y		0	Elm verf.		0		Comb Cy	0		0	0	0	gas TJ/y	0		0	0	0	0	0	0	0	0
El Cogen	MWh/y		0	CO2 limit		0		Water en	0		0	0	0	coal TJ/y	0		0	0	0	0	0	0	0	0
El hef Cog	MWh/y		0	SO2 C2		0		CoFces	0		0	0	0	biom TJ/y	0		0	0	0	0	0	0	0	0
El Tot	MWh/y		0	NOx C1		0		Inch dep	0		0	0	0	Total TJ/y	0		0	0	0	0	0	0	0	0
0	0	0	0	NOx C2		0		0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	Dust C2		0		Waste Pt	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Anexa J7 – 2
tech & exp basc
TS'1
60

Tip sursa	randczgaz %	randczbio %	randczcrb %	Qi gaz kcal/N	Qi Bio kcal/kg	Qi carb kcal/kg	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Gccz/Gctf Gcal/Gcal	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	prod ef Mwe/MWt	prod ee/G MWh/Gcal	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %
CAF GAS L1	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L2	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L3	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L4	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L5	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	33	87	39.55	86
CAF GAS L6	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	33	87	39.55	86
CF GAS L7	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
Turbina Gaz Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1.875	220.5882	0.625	1.136364	0.444346	0	0.8007	1	0	0	0.137931	0.160421	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	2.125	250	0.708333	1.287879	0.503591	0	0.90746	1	0	0	0.956	1.111881	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.236984	0	0.42704	1	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0	0	0.257592	0	0	5.9	0	0	0		52	90	33	87	39.55	86
	80	100	100	8500	3000	1650	35589.5	12561	6908	[illegible]	[illegible]	0	0	[illegible]	0	0	0	0	0	0		52	90	29	87	39.55	86
	100	100	100	8500	3000	1650	35589.5	12561	6908	1	[illegible]	[illegible]	[illegible]	[illegible]	0	0.42704	0	0	0	0		52	90	29	87	39.55	86

Ani speciali

Tip sursa	randczgaz %	randczbio %	randczcrb %	Qi gaz kcal/N	Qi Bio kcal/kg	Qi carb kcal/kg	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Gccz/Gctf Gcal/Gcal	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	prod ef Mwe/MWt	prod ee/G MWh/Gcal	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %
CAF GAS L1	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L2	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
CAF GAS L3	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	29	87	39.55	86
Caz 420	90	100	83	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12	0	0	0	0	52	90	29	87	39.55	86
Caz 420	90	100	83	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12	0	0	0	0	52	90	33	87	39.55	86
CAF GAS L6	90	100	100	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12	0	0	0	0	52	90	33	87	39.55	86
Caz 420	90	100	83	8500	3000	1650	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12	0	0	0	0	52	90	29	87	39.55	86
Turbina Gaz Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1.875	220.5882	0.625	1.136364	0.444345	0	0.8007	1	0	0	0.137931	0.160421	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0	0	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	2.125	250	0.708333	1.287879	0.503591	0	0.90746	1	0	0	0.956	1.111881	52	90	29	87	39.55	86
Ciclu mixt Chimiei	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.236984	0	0.42704	1	0	0	0	0	52	90	29	87	39.55	86
Babcock	92	100	100	8500	3000	1650	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9	0	0	0		52	90	33	87	39.55	86
	80	100	100	8500	3000	1650	35589.5	12561	6908	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	0	0		52	90	29	87	39.55	86
	100	100	100	8500	3000	1650	35589.5	12561	6908	1	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	0	0		52	90	29	87	39.55	86

param turbina gaz M										
Gcal nom	18.9	MWel nom	14	Nmcgaz nom/Gcal	235.13	Mwcombnom	43.93	Eta ter nom	0.5	Eta el nom	0.344

	m	b	m	b
	MW ter rel > 65 %		MW ter rel < 65 %	
Eta ter rel= m x MWter rel + b	-0.4082	1.428366	1.15053	0.52167
Eta el rel= m x MW ter rel + b	0.576083	0.478968	3.0446	-0.99426

Param ITG m									
Gcal nom	12	MWel nom	11.81	Nmcgaz nom/Gcal	297	Mwcombnom	35.23	Eta ter nom	0.398

	m	b
Eta ter rel= m x MWter rel + b	0.993632	0.007103
Eta el rel= m x MW ter rel + b	-0.16999	1.173763

Cheltuieli de reparatii si demolari, alte cheltuieli fixe

Cfix C1	Cfix C2	Cfix PT	Cfix CT	Cfix OPSE	An	Reparatii Rep C1	Rep C2	Rep PT	Rep CT	RepOPSE	Demolari Demol C1	Demol C2	Demol PT	Demol CT	DeOPSE	Alte 1 Alte 1 C1	Alte 1 C2	Alte 1 PT	Alte 1 CT	AI1OPSE	Alte (mentionati depozit) Alte 2 C1	Alte 2 C2	Alte 2 PT	Alte 2 CT	AI2OPSE
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
7118.15	0	0	0	0	2008.00	1818.00		0.00	0.00	0.00	42.00	0				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	0	0	0	0	2009.00	1818.00		0.00	0.00	0.00	42.00	0.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	0	0	0	0	2010.00	1818.00		0.00	0.00	0.00	42.00	0.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	0	0	0	0	2011.00	1818.00		0.00	0.00	0.00	42.00	0.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	512	0	0	0	2012.00	1818.00		0.00	0.00	0.00	42.00	512.00				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
7118.15	173	0	0	0	2013.00	1818.00		0.00	0.00	0.00	42.00	173				5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	173	0	0	0	2014.00	1363.00		0.00	0.00	0.00	42.00	173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	173	0	0	0	2015.00	1363.00		0.00	0.00	0.00	42.00	173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	173	0	0	0	2016.00	1363.00		0.00	0.00	0.00	42.00	173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5351.15	685	0	0	0	2017.00	1363.00		0.00	0.00	0.00	42.00	685				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2018.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2019.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2020.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2021.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	685	0	0	0	2022.00	1363.00		0.00	0.00	0.00		685				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2023.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2024.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2025.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2026.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	685	0	0	0	2027.00	1363.00		0.00	0.00	0.00		685				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5309.15	173	0	0	0	2028.00	1363.00		0.00	0.00	0.00		173				3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00

An	Amortizari istorice IstDepr C1	IstDepr C2	IstDeprPT	Ist DepCT	IstDeprOP
	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
2008.00	968.0795	0	0	0	0
2009.00	942.1424	0	0	0	0
2010.00	887.8834	0	0	0	0
2011.00	784.5076	0	0	0	0
2012.00	656.6392	0	0	0	0
2013.00	650.0442	0	0	0	0
2014.00	640.6242	0	0	0	0
2015.00	506.2508	0	0	0	0
2016.00	498.5413	0	0	0	0
2017.00	448.6166	0	0	0	0
2018.00	377.4574	0	0	0	0
2019.00	324.6621	0	0	0	0
2020.00	316.8034	0	0	0	0
2021.00	318.2426	0	0	0	0
2022.00	313.6513	0	0	0	0
2023.00	304.8703	0	0	0	0
2024.00	304.7771	0	0	0	0
2025.00	253.0905	0	0	0	0
2026.00	202.4032	0	0	0	0
2027.00	182	0	0	0	0
2028.00	144.0542	0	0	0	0

Salarii Sal C1	Sal C2	Sal PT	Sal CT	SalOPSED
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
4031.00	0.00	1094.00	0.00	0.00
4031.00	0.00	1094.00	0.00	0.00
4172.09	0.00	1132.29	0.00	0.00
4305.59	0.00	1168.52	0.00	0.00
4426.15	0.00	1201.24	0.00	0.00
4536.80	0.00	1231.27	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00
4641.15	0.00	1259.59	0.00	0.00

790/2964=26,6%

	4031.00	0.00	1094.00	0.00	0.00
	4031.00	0.00	1094.00	0.00	0.00
1.035	4031.00	0.00	1094.00	0.00	0.00
1.032	4031.00	0.00	1094.00	0.00	0.00
1.028	4031.00	0.00	1094.00	0.00	0.00
1.025	4031.00	0.00	1094.00	0.00	0.00
1.023	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00
	2942.00	0.00	1094.00	0.00	0.00

Anexa 6
Sheet 1 pg. 1

F2 Comment: Center - combined cycle in base, CAF gas
Sud: Cofinng ,CA

Cerut -Asked
Calculat - Calculated
Modif. Nerecomandata
Modification not recommended
De extras din surse de specialitate
To consult expert sources
Caldura totala D dif %
Total heat
Valori CO2 limita
Limit CO2 values
Valori de dimensionare DESOX
DESOX dimensioning values
Pret rezultat
Result price
Energie electrica disponibila inclusiv pentru pompare
Available electric energy including energy for pumping

[redacted]

2008
Valori curente Max-Min Gcal/h
Vmax Vmin
125 100

Heat

Translation
C: Maximal delivered load -S ext M
D : Minimal delivered load -S ext m
E: Duration of maximal load T M
F: Duration of minimal load - T m
G:equivqlent medium load - S md echiv
I: Internal losse -Interne
Produced load- Sarc prod
J: Duration - Durata
K: gas percentage -gaz
L : Biomass percentage -bio
M: lignite percentage-lignit
N: specific consuption gas/Gcal- csp gaz
O:specific consumption boimass/Gcal- csp bio
P:specific consumption lignite/Gcal -csp lignit
Q: specific CO2 gas/Gcal-CO2 sp gaz
R: specific CO2 bio/Gcal -CO2 sp bio
S: sepcific CO2 lignit/Gcal- CO2 sp lig
T:annual gas cons- cos gaz
U: annual biomass cons - cons bio
V: annual lignite cons - cons lignit
W: specific electric cons for Gcal produced on gas csp ee gaz
X: specif electric cons for Gcal produced on bio- csp ee bio
Y: specifiv electric cons for Gcal produced on lignite - csp ee lig
Z: cons electric energy/year - cons ee
AA: price g gas-pret gaz
AB: price bio- pret boi
AC: price lignite -pret lign
AD: electric energy prr roduction/Gcal-prod er e/G
AE: yearly electric energy production -prod ee
AF: Maximal floew of gases containing SO2 - Dmx gS
AG: Medium flow of gases containing SO2 - Dmd GS
AH: SO2 content of gases - SO2

Translation line 2.
Q: annaual total CO2 emissions- CO2 tot
C: electic energy produced in CET Center- ee pr Cen
D: electric energy produced in CET Sud - ee pr Sud
E: Electric energy consumed CET Center - ee cs Cen
F: electric energy consumed CET Sud - ee CS Sud
G: disposable energy CET Center - ee d Cen
H: disposable energy CET Sud - ee d Sud
I: annual gas costs - cost gaz
J: annual biomass costs - cost bio
K: annual lignite costs - cost lign
L: annual fuel costs - cost comb
M: annual heat delivery -prod cald
N: annual disposable electric energy- ee dispo
O: annual CO2 emissions CET Center- CO2 Cen
P: annual CO2 emissions CET Sud - CO2 Sud
Q: annaual total CO2 emissions- CO2 tot
R: Total flue gas flow containing SO2 -DmgSSud
S: SO2 contained in flue gas mixture -SO2 mix
T: SO2 emitted withflue gases - SO2 Sud
U: SO2 to remove annualy - SO2 rem
V: SO2 removel costs - SO2 remc
W: annual SO2 removal costs - Cost SO2
X: unit price of heat calculated by fuel - comb/cald
Y: unit price of heat added from SO2 treatme ent- SO2 /cald
Z: total unit price of heat -Tot cald
AA: annual biomass energy -TJ bio/an

Calc pg 1

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System comm year [illegible]

Qsold Tcal/an	losses Tcal/an	An	Qtot CET Tcal/an	Q CT Tcal/an	QMM Gcal/h	An	Pret gaz E/1000mc	Inv PT-CT mil E	InvAshdep mil E	Inv D net mil E	InvGasnet mil E	Mensist P* mil E/y	Dwellings %	Industrie %	Services %	Publics %	Rand PT %	El price D E/MWh	E pom D MWh/Tcal	E pom CT MWh/Tcal	E pomp Pt MWh/Tcal	El price Tr E/MWh	Elec cost mil Euro/y
220.44	112.01	2008.00	292.56	39.89	[illegible]	2008	298.34	0	0.00	0.00	0	6.92	85.76	0	4.99	9.25	90	111.45	14.49	14.49	29.77	77.34	
220.44	107.36	2009.00	288.46	39.34	[illegible]	2009	345.00	5.6	0.00	3.29	15	6.92	85.76	0	4.99	9.25	90	111.45	14.49	14.49	33.76	77.34	1.195863
220.44	102.70	2010.00	284.37	38.78	[illegible]	2010	378.00	5.6	0.00	5.69	15	9.96	85.76	0	4.99	9.25	90	114.45	14.49	14.49	33.76	80.34	1.222017
220.44	98.04	2011.00	280.27	38.22	[illegible]	2011	414.20	0	0.98	4.91	0	10.69	85.76	0	4.99	9.25	90	118.45	14.49	14.49	33.76	84.34	1.260505
220.44	93.38	2012.00	276.17	37.66	[illegible]	2012	414.20	0	0.98	3.98	0	7.97	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.470109
220.44	88.73	2013.00	272.07	37.10	[illegible]	2013	414.20	0	0	4.54	0	8.12	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2014.00	272.07	37.10	[illegible]	2014	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2015.00	272.07	37.10	[illegible]	2015	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2016.00	272.07	37.10	[illegible]	2016	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2017.00	272.07	37.10	[illegible]	2017	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2018.00	272.07	37.10	[illegible]	2018	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2019.00	272.07	37.10	[illegible]	2019	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2020.00	272.07	37.10	[illegible]	2020	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2021.00	272.07	37.10	[illegible]	2021	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2022.00	272.07	37.10	[illegible]	2022	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2023.00	272.07	37.10	[illegible]	2023	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2024.00	272.07	37.10	[illegible]	2024	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2025.00	272.07	37.10	[illegible]	2025	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2026.00	272.07	37.10	[illegible]	2026	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2027.00	272.07	37.10	[illegible]	2027	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011
220.44	88.73	2028.00	272.07	37.10	[illegible]	2028	414.20	0	0	0.00	0	8.26	85.76	0	4.99	9.25	90	121.45	14.49	14.49	33.76	87.34	0.466011

N Clients	N dwell	N publ	N serv	N ind	N PT-CT	N CT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58	10

Scenario nr.	DC plants	Net heat demand	- dwellings	- public buildings	- industrie	-services	1 Heat supply	- Thermal plant boilers	2 Gas consumption	3 Investments	- Thermal plants	Ash dep	- DH net	Gas net	TOTAL	4 Fuel costs	5 Op & Maint Costs	6 CO2 emissions	7 TOTAL/YEAR
Comment	Thermal plants	TJ/Y					TJ/y		1000Nmc/y	mil Euro						mil Euro/y	mil Euro/y	t/y	
2009		923	791.5648	85.3775	0	46.0577		1372.5	42849.7		5.60	0.00	3.29	15	23.89	14.78315	8.11	85400	46.79
2010		923	791.5648	85.3775	0	46.0577		1353	42240.9		5.60	0	5.69	15	26.29	15.96707	11.18	84186.67	53.44
2011		923	791.5648	85.3775	0	46.0577		1333.5	41632.1		0.00	0.98	4.911	0	5.89	17.24403	11.95	82973.33	35.09
2012		923	791.5648	85.3775	0	46.0577		1118.5	34919.8		0.00	0.98	3.98	0	4.96	14.46378	8.44	69595.56	27.86
2013		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	4.54	0	4.54	14.33769	8.59	68988.89	27.46
2014		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2015		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2016		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2017		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2018		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2019		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2020		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2021		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2022		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2023		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2024		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2025		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2026		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2027		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07
2028		923	791.5648	85.3775	0	46.0577		1108.75	34615.4		0.00	0	0.00	0	0.00	14.33769	8.73	68988.89	23.07

IMPORTANT AREA

Scenario nr.	Comment	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
DC plants	Thermal plants																				
Net heat demand	TJ/Y	923	923	923	923	923	923	923	923	923	923	923	923	923	923	923	923	923	923	923	923
- dwellings		791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648	791.5648
- public buildings		85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775	85.3775
- industrie		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-services		46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577	46.0577
1 Heat supply	TJ/y																				
- Thermal plant boilers		1372.5	1353	1333.5	1118.5	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75	1108.75
2 Gas consumptio	1000Nmc/y	42849.72	42240.92	41632.13	34919.79	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39	34615.39
3 Investments	mil Euro																				
- Thermal plants		5.6	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0.98	0.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- DH net		3.29	5.69	4.911	3.98	4.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas net		15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		23.89	26.29	5.891	4.96	4.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4	Fuel costs	mil Euro/y	14.78315	15.98707	17.24403	14.46378	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769	14.33769
5	Op & Maint Cost	mil Euro/y	8.113917	11.17924	11.95473	8.438905	8.585854	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292	8.728292
6	CO2 emissions	t/y	85400	84186.67	82973.33	89595.56	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89	68988.89
7	TOTAL/YEAR Inv +Fuel+ Maint	mil Euro/year	46.78707	53.43631	35.08976	27.86268	27.46355	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599	23.06599

	Scenario nr.	Comment:	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	DC plants	Dw & Build plants																				
	Net heat demand	TJ/y	941.2467	915.9303	889.8973	863.8643	838.5479	812.5149	786.482	761.1655	735.1326	709.0996	683.7831	657.7502	631.7172	606.4008	580.3678	580.3678	580.3678	580.3678	580.3678	580.3678
1	- dwellings		807.2132	785.5018	763.1759	740.8501	719.1387	696.8128	674.4869	652.7755	630.4497	608.1238	586.4124	564.0866	541.7607	520.0493	497.7234	497.7234	497.7234	497.7234	497.7234	497.7234
	- public buildings		87.06532	84.72355	82.3155	79.90745	77.56568	75.15763	72.74958	70.40781	67.99976	65.59171	63.24994	60.84189	58.43384	56.09207	53.68402	53.68402	53.68402	53.68402	53.68402	53.68402
	- industrie		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	-services		46.96821	45.70492	44.40588	43.10683	41.84354	40.54449	39.24545	37.98216	36.68311	35.38407	34.12078	32.82173	31.52269	30.2594	28.96035	28.96035	28.96035	28.96035	28.96035	28.96035
	Heat supply	TJ/y																				
	- Dwelling boilers		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	- Building boilers		941.2467	915.9303	889.8973	863.8643	838.5479	812.5149	786.482	761.1655	735.1326	709.0996	683.7831	657.7502	631.7172	606.4008	580.3678	580.3678	580.3678	580.3678	580.3678	580.3678
3	Installed capacit	KW Th																				
4	- Dwelling boilers		24																			
	- Building boilers		2x70																			
	Gas consumptior	1000Nmc/y	110734.9	107756.5	104693.8	101631.1	98652.69	95589.99	92527.29	89548.68	86486.18	83423.48	80445.08	77382.37	74319.67	71341.27	68278.57	68278.57	68278.57	68278.57	68278.57	68278.57
5	Investments	mil Euro																				
6	- Dwelling boilers		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	- Building boilers		175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL		175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fuel costs	mil Euro	33.03665	32.14807	31.23435	30.32062	29.43204	28.51832	27.60459	26.71601	25.80229	24.88856	23.99998	23.08626	22.17253	21.28395	20.37023	20.37023	20.37023	20.37023	20.37023	20.37023
	Operation & maintenance costs	mil Euro																				
	- Dwelling boilers		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	- Building boilers		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	TOTAL		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	TOTAL/YEAR		43.03665	42.14807	41.23435	40.32062	39.43204	38.51832	37.60459	36.71601	35.80229	34.88856	33.99998	33.08626	32.17253	31.28395	30.37023	30.37023	30.37023	30.37023	30.37023	30.37023

Calc pS.1

Sirvira	Sir 8760	Ani/ Copy	104	100	90	80	70	60	50	31	18.9	10.77	0	18.9
16.8	8	2008	10	44	129	271	544	1639	3084	3884	4451	6025	8760	4451
16.3	7.833333	2009	1	15	100	186	476	1155	2599	3611	4391	5920	8760	4391
15.8	7.666667	2010	1	1	71	156	406	658	2103	3724	4323	5831	8760	4323
15.3	7.5	2011	1	1	42	127	261	539	1605	3622	4245	5735	8760	4245
14.8	7.333333	2012	1	1	13	98	183	470	1108	3498	4154	5637	8760	4154
14.3	7.166667	2013	1	1	1	69	154	401	818	3284	4043	5537	8760	4043
13.8	7	2014	1	1	1	59	144	348	579	3188	3984	5431	8760	3984
13.3	6.833333	2015	1	1	1	48	133	294	554	3014	3922	5320	8760	3922
12.8	6.666667	2016	1	1	1	39	124	243	531	2846	3859	5204	8760	3859
12.3	6.5	2017	1	1	1	28	113	198	506	2687	3789	5084	8760	3789
12.3	6.5	2018	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2019	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2020	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2021	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2022	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2023	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2024	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2025	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2026	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2027	1	1	1	18	103	188	482	2499	3731	5084	8760	3731
12.3	6.5	2028	1	1	1	18	103	188	482	2499	3731	5084	8760	3731

Ani/ Tabel valori Gcal/h -de format cap tabel cu toate valorile necesare,apoi de completat pe sectoare,utilizind Vmax, Vmin

	Qsold Tcal/an	losses Tcal/an	An	Qtot CET Tcal/an	Q CT Tcal/an	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh
0	220.4442	112.0134	2008	292.5627	39.89491	544	271	104.9907851	2008	283.00	0.8	226.4	28.98	77.34	86.78
0	220.4442	107.3561	2009	288.4643	39.33804	476	186	101.6367278	2009	329.92	0.8	263.936	28.98	77.34	86.78
0	220.4442	102.6988	2010	284.3658	38.77717	406	156	98.19668958	2010	362.91	0.8	290.328	28.98	80.34	89.78
0	220.4442	98.04156	2011	280.2675	38.21829	261	127	94.75665136	2011	399.20	0.8	319.36	28.98	84.34	93.78
0	220.4442	93.38428	2012	276.1691	37.65942	183	98	91.31661314	2012	399.20	0.8	319.36	28.98	87.34	96.78
0	220.4442	88.72701	2013	272.0707	37.10055	154	69	87.91957539	2013	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2014	272.0707	37.10055	144	59	86.71556202	2014	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2015	272.0707	37.10055	133	48	85.51154864	2015	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2016	272.0707	37.10055	124	39	84.35053574	2016	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2017	272.0707	37.10055	113	28	83.10352188	2017	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2018	272.0707	37.10055	103	18	81.94250898	2018	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2019	272.0707	37.10055	103	18	81.94250898	2019	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2020	272.0707	37.10055	103	18	81.94250898	2020	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2021	272.0707	37.10055	103	18	81.94250898	2021	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2022	272.0707	37.10055	103	18	81.94250898	2022	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2023	272.0707	37.10055	103	18	81.94250898	2023	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2024	272.0707	37.10055	103	18	81.94250898	2024	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2025	272.0707	37.10055	103	18	81.94250898	2025	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2026	272.0707	37.10055	103	18	81.94250898	2026	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2027	272.0707	37.10055	103	18	81.94250898	2027	399.20	0.8	319.36	0	87.34	96.78
0	220.4442	88.72701	2028	272.0707	37.10055	103	18	81.94250898	2028	399.20	0.8	319.36	0	87.34	96.78

2008
Valori curente Max-Min Gcal/h

Vmax	Vmin
30	20

Val5000: 12.3
Val 8760: 6.5

ref bio TJ/an: 0

Qv C Tcal	Qv TotTcal	QvCTTcal
121.89	135.4318	13.54

Desfasurator vertical

2008.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	469	2008	1224.96	167.04	544	271	104.9908	2008	283	0.8	226.4	28.98	86.78	77.34	111.45	55	0	25	0	0.00	0	0	29.77	29.77	14.49	14.49	3406	0.00	924	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	12	50	2.48	0	2.48	50	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]
CAF GAS L2	10	0	50	140	6.785714	0	6.785714	140	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]
CAF GAS L3	10	0	140	280	7.5	0	7.5	280	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]
Cz 420 carb	10	0	280	540	7.592593	0	7.592593	540	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]
Cz 420 carb	10	0	540	1610	6.677019	0	6.677019	1610	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
CAF GAS L6	10	0	1610	3100	7.596774	0	7.596774	3100	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
Cz 420 carb	17	0	3100	4100	14.92683	0	14.92683	4100	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
Turbina Gaz Chimiei	19	10	3800	4150	18.62048	0	18.62048	4150	100	0	0	229.1209	[illegible]	[illegible]	0.461533	[illegible]	[illegible]
Babcock	10	3	0	350	6.5	0	6.5	350	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]
Babcock	3	0	0	700	1.5	0	1.5	700	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]
SumBBglobal	1.00	1.00	1.00	1.00	38.29268	4.3	40.01325	4100	100	0	0	395.8688	[illegible]	[illegible]	0.787239	[illegible]	[illegible]
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]
Babcock	14	6	5200	8760	12.78082	5	13.4535	8760	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	cap ee gz kWh/Gcal	cap ee bio kWh/Gcal	cap ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	16.20915	0	0	3.5	[illegible]	[illegible]	0.434	[illegible]	0	32.65116	[illegible]	[illegible]	[illegible]	0.519188	0
CAF GAS L2	124.183	0	0	3.5	[illegible]	[illegible]	3.325	[illegible]	0	250.15	[illegible]	[illegible]	[illegible]	3.97765	0
CAF GAS L3	274.5098	0	0	3.5	[illegible]	[illegible]	7.35	[illegible]	0	552.9631	[illegible]	[illegible]	[illegible]	8.7927	0
Cz 420 carb	535.9477	0	0	3.5	[illegible]	[illegible]	14.35	[illegible]	0	1079.595	[illegible]	[illegible]	[illegible]	17.1667	0
Cz 420 carb	1405.229	0	0	3.5	0	0	37.625	[illegible]	0	2830.645	[illegible]	16879.45	[illegible]	45.01025	0
CAF GAS L6	3076.431	0	0	3.5	0	0	82.425	0	0	6201.087	[illegible]	18977.04	[illegible]	98.60385	0
Cz 420 carb	8000	0	0	3.5	0	0	214.2	[illegible]	0	16114.93	[illegible]	37287.8	[illegible]	256.2444	0
Turbina Gaz Chimiei	17705.31	0	0	1	0	0	77.275	0.81542797	83012.2	35864.98	[illegible]	81529.77	[illegible]	323.5504	62934.92
Babcock	290.9207	0	0	5.9	[illegible]	[illegible]	13.4225	0	0	586.0207	[illegible]	[illegible]	[illegible]	9.525425	0
Babcock	134.2711	0	0	5.9	[illegible]	[illegible]	6.195	[illegible]	0	270.4711	[illegible]	[illegible]	[illegible]	4.39635	0
SumBBglobal	64944	0	0	0.127153	[illegible]	[illegible]	20859.9687	[illegible]	208599.7	129150	[illegible]	[illegible]	[illegible]	657.359	187739.7
Ciclu mixt Chimiei	0	0	0	1	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
Babcock	15069.82	0	0	5.9	[illegible]	[illegible]	895.330526	0	0	30357.84	[illegible]	[illegible]	[illegible]	468.7765	0
	0	0	0	0	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0
Total	111576.8	0	0 Cogen							223091.3	182336.7	411715.7			250674.6

0 V

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	62934.92	-359.709	-714.948	0	3.422099	3.422099	-10.365	78378.51	22.18112	33200.32	7.516553	0	0	29.69767	1693.922	54.61096	49761.67	411715.7	0	0	0	0	0	632.9789085	43.23213	263.6726	0

congasC1 TJ/y: 2789.452
CongasC2 TJ/y: 1181.583
Cons lig TJ/y: 0
biorefTJ/y: 0

Hdeliv	TJ/y
H livr C1	418.7113
H livr C2	806.2487
H livr CT	167.04
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	2977.08	0.230247
T C2	5732.511	0.497467
D PT	2810.928	0.313278
D CT	578.0773	0.064427
C1	359.709	0.02782
C2	714.948	0.062043
TOTAL	13173.25	1.195282

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
5030.567	118609.4	31.12132
TJ/y	TJ/y	
179.0354	4150.07	
milE/y		
1.423651		

TOTcomb: 31.12132

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143564	209611	235000	11908.68	223091.3	0.297717

BIO	WASTE
0	0

2009.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	449.5	2009	1207.8	164.7	476	186	101.6367	2009	329.92	0.8	263.936	28.98	86.78	77.34	111.45	58	0.00	25	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3406.00	0.00	924.00	0.00

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	12	50	2.48	0	2.48	50	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L2	10	0	50	140	6.785714	0	6.785714	140	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L3	46	0	1000	1800	35.77778	5	37.66082	1800	100	0	[illegible]	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15156.88	0	65.8416	30.1455	0	59.8125

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	cap ee gz kWh/Gcal	cap ee bio kWh/Gcal	cap ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	16.20915	0	0	10.12	0	[illegible]	1.25488	0	0	32.65116	[illegible]	[illegible]	[illegible]	0.519188	0
CAF GAS L2	124.183	0	0	10.12	0	[illegible]	9.814	0	0	250.15	[illegible]	0	0	3.97765	0
CAF GAS L3	8861.369	0	0	10.12	0	[illegible]	686.029474	0	0	17650.04	[illegible]	0	0	269.6428	0
Cz 420 carb	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2959.865	0.004187	0

765

	S ext M	S ext m	T M	T m	S md ech	Intampl	Sarc prod	Durata M	% gaz	% bio	% lignit	cap gaz	cap bio	cap lign	CO2em gz	CO2ep bio	CO2ep lig	cons gaz	cons bio	cons lignit	csp ee gz	csp ee bio	csp ee lig	cons ee	prod ee/G	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0	0.42704	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Turbina Gaz Chimiei	19	11	0	4300	14	8	15.21739	4300	100	0	0	213.8078	0	0.805153	0.430687	0	0.8007	13990.47	0	0	200	0	0	13086.9565	0.685510418	44856.23	28181.92	[illegible]	62176.25	0	252.0574	31769.27
Babcock	10	3	0	350	6.5	8	7.065217	350	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	316.2182	0	0	5.9	0	0	14.5896739	0	0	636.979	0	0	0	9.525425	0
0 Babco 0 0	3	0	0	700	1.5	8	1.5	831	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	1	1	1	2350	40	9	43.95604	2350	[illegible]	0	73	411.125	1.19615	2.217583	0.784875	0	1.607125	11466.32	0	167220.4	0.09645	0.147675	0.265815	22789.9849	0.9845	101695.6	143078.1	20446.39	372409	3798.357	983.578	78805.62
SUM Q BV	45	0	140	2350	27.7	15	32.58824	2350	27	0	73	133.7625	0.389176	0.741774	0.256365	0	0.52289	2766.656	0	41406.96	0.02	0.03	0.05	3208.80059	0.2	15316.47	34512.46	326618.6	91818.74	3620.565	272.5523	12107.87
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	125.412	0.389176	0.741774	0.256365	0	0.52289	0.008421	0	0.704685	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	0	3007.574	4657.721	0.004187	0.242963
SUM Q BBDSL iarna an init	0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.182353	0	0	0	0	0	0	0	0	0.387469	0	3123.812	0	0	0
SUM Q BB DSL vara an init	0	0	0	0	0	4.3	1	1	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0		0	0	0	0	0	0
																		37671.48	0	208800.2 Cogen	0	0	0	0			224956.1	1436562	1535648			122782.8
																				55.04 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	122782.8	-696.908	-20.174	0	7.120232	7.120232	-0.00117	9001.892	2.969904	28659.89	7.564377	208855.2	6.052623	16.5869	1205.837	-0.16251	110087.2	1535648	3093.051	4151.52	0	4151.52	0	21.46497993	540.921	0	272.7334

Hdeliv	TJ/y
H livr C1	276.1192
H livr C2	931.6808
H livr CT	164.7
H livr PT	812.24

Epomp+si	MWh/y	mil E/y
T C1	1963.236	0.151837
T C2	6624.346	0.574861
D PT	2810.928	0.313278
D CT	569.9792	0.063524
C1	696.9085	0.053899
C2	20.17402	0.001751
TOTAL	12685.57	1.159149

TJ/y 320.3728 — TJ/y 1019.991 — bioref TJ/y 0 — TJ/y 1442.772

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4960.096	42621.88	12.17072
TJ/y 176.5273	TJ/y 1516.891	
mil E/y 1.638435		

TOTcomb 18.22334

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143564	209811	235000	10043.86	224956.1	0.251097

BIO	WASTE
0	0

Gaz termo	E3 NMc	26535.08	Amortiz tr
Carb termo	t	79073.11	
Gaz termo	mil Eur	8.75445	
Carb termo	mil Eur	2.291539	
Sal termo	mil E	3.500298	
Rep termo	mil E	5.062693	
Pomp pr	mil E	0.728687	
Pomp sec	mil E	0.376802	
Serv propr	mil E	0.05565	
SO2	mil E	0	
Alte dir	mil E	0.486024	
Heat sold	GJ	923000	
PR H	E/GJ	23.77451	
PR EL	E/MWh	87.13724	
EL sold	MWh	113498.3	

2010.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	430	2010	1190.64	162.36	406	156	98.19669	2010	362.91	0.8	290.328	28.98	89.78	80.34	114.45	61	0	25	0	0.00	0	0	29.77	29.77	14.49	14.49	3525.21	0.00	956.34	0

Tip sursa

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Intampl %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2em gz t/Gcal	CO2ep bio t/Gcal	CO2ep lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	1	1	1	1	1	0	1	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0.130719	0	0	10.12	0	0	0.01012	0	0	0.263316	0	0	0	0.004187	0
CAF GAS L 2	1	1	1	1	1	0	1	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0.130719	0	0	10.12	0	0	0.01012	0	0	0.263316	0	0	0	0.004187	0
CAF GAS L3	1	1	1	1	1	5	1.052632	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	0.137599	0	0	10.12	0	0	0.01065263	0	0	0.277175	0	0	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0	[illegible]	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Turbina Gaz Chimiei	19	11	0	4500	13.5	8	14.67391	4500	100	0	0	211.5499	0	0.776398	0.426139	0	0	13969.19	0	0	200	0	0	13208.5217	0.668353544	44001.06	28139.06	[illegible]	58322.5	0	254.3803	30794.54
Babcock	50	3	500	2200	31.84091	8	34.60968	2200	100	0	0	130	0	0	0.257	0	[illegible]	9898.37	0	0	0	0	0	0	0	0	19568.32	0	0	0	293.2994	0
Babcock	5	0	0	690	1.5	8	1.5	690	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	1	1	1	2300	40	9	43.95604	2300	[illegible]	0	[illegible]	411.125	1.19615	2.217583	0.784875	0	1.607125	11222.36	0	163982.5	0.09645	0.147675	0.265815	22305.0916	0.9845	99531.87	140033.9	20446.39	372409	3798.357	[illegible]	77226.78
SUM Q BV	45	0	140	2300	26	15	30.58824	2300	[illegible]	0	[illegible]	153.7625	0.389176	0.741774	0.256365	0	0.52289	2541.858	0	38095.77	0.02	0.03	0.05	2947.78824	0.2	14070.59	31705.12	326818.8	86181.78	3820.566	250.3826	11122.8
Babcock	0	0	0	0	1	0	1	1	[illegible]	0	[illegible]	128.412	[illegible]	[illegible]	0.255365	0	0.52289	0.006421	0	0.704685	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	[illegible]	[illegible]	[illegible]	0.004187	0.242963
	0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.192353	0	0	0	0	0	0	0	0	0.387469	[illegible]	[illegible]	0	0	0
	0	0	0	0	0	4.3	1	1	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		37762.04	0	201869.1 Cogen	0	0	0	0			219861	1435671	1527159			119144.4
																				55.04 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	119144.4	-0.04101	-5.58435	0	7.267465	7.267465	-0.00034	0.529756	0.000192	37751.82	10.96041	201924.1	5.851761	16.81236	1187.813	-0.25421	107300.4	1527159	3098.147	4013.738	0	4013.738	0	0.001263201	546.9308	0	263.6904

Hdeliv	TJ/y
H livr C1	3.426617
H livr C2	1187.213
H livr CT	162.36
H livr PT	812.24

Epomp+si	MWh/y	mil E/y
T C1	24.3636	0.001957
T C2	8441.209	0.757852
D PT	2810.928	0.321711
D CT	561.8812	0.064307
C1	0.041013	3.29E-06
C2	5.58435	0.000501
TOTAL	11844.01	1.146332

TJ/y 0.018854 — TJ/y 1343.568 — bioref TJ/y 0 — TJ/y 1394.892

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4889.625	42641.97	12.7351
TJ/y 174.0193	TJ/y 1517.606	
mil E/y 1.774494		

TOTcomb 18.58686

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143564	209811	235000	15138.97	219861	0.378474

BIO	WASTE
BIO	0

Gaz termo	E3 NMc	26878.38	Amortiz tr
Carb termo	t	75139.32	
Gaz termo	mil Eur	8.754429	
Carb termo	mil Eur	2.177637	
Sal termo	mil E	3.633009	
Rep termo	mil E	5.082065	
Pomp pr	mil E	0.759809	
Pomp sec	mil E	0.386018	
Serv propr	mil E	0.000505	
SO2	mil E	0	
Alte dir	mil E	0.525007	
Heat sold	GJ	923000	
PR H	E/GJ	24.88745	
PR EL	E/MWh	84.47586	
EL sold	MWh	110678.7	

2011.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	410.5	2011	1173.48	160.02	261	127	94.75665	2011	399.2	0.8	319.36	28.98	93.78	84.34	118.45	65	0	26	0	0.00	0	0	29.77	29.77	14.49	14.49	3638.017	0.00	986.9429	0

Tip sursa

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Intampl %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2em gz t/Gcal	CO2ep bio t/Gcal	CO2ep lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	12	50	2.48	0	2.48	50	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	16.20915	0	0	10.12	0	0	1.25488	0	0	32.65116	0	0	0	0.519188	0
CAF GAS L 2	10	0	50	140	6.785714	0	6.785714	140	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	124.183	0	0	10.12	0	0	9.614	0	0	250.15	0	0	0	3.97765	0
CAF GAS L3	46	0	1000	1600	35.77778	5	37.66082	1600	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	7876.773	0	0	10.12	0	0	609.803977	0	0	15866.7	0	0	0	239.6825	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0	[illegible]	0.130719	0	0	10.12	0	13.15	0.01012	0	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	2968.665	0.004187	0
Turbina Gaz Chimiei	19	11	0	4300	14.5	8	15.76087	4300	100	0	0	216.1145	0	0.833908	0.435334	0	0	14648.46	0	0	200	0	0	13554.3478	0.705080643	47784.54	29503.32	65292.82	65091.58	0	261.0595	34230.19
Babcock	10	3	0	340	6.5	8	7.065217	340	100	0	0	0	0	0	0	0	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	9.25327	0
Babcock	3	0	0	710	1.5	8	1.5	690	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
SumBBglobal	1	1	1	2350	39	9	42.85714	2350	27	0	73	421.8667	1.22682	2.274444	0.805	0	1.646333	11468.32	0	167220.4	0.101367	0.15205	0.27369	22876.5291	[illegible]	102090.7	143078.1	20970.86	372409	3798.357	383.7386	79212.19
SUM Q BV	45	0	140	2350	27	15	31.76471	2350	27	0	73	133.7625	0.389176	0.741774	0.255365	0	0.52289	2695.944	0	40421.01	0.02	0.03	0.05	3127.71176	0.2	14929.41	33640.3	[illegible]	[illegible]	[illegible]	265.6652	11801.7

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SUM Q BV

								% gaz	% bio	% lignit	csp gaz	csp bio	csp lign	CO2sp gz	CO2sp bio	CO2sp lig	cons gaz	cons bio	cons lignit	csp ee gz	csp ee bio	csp ee lig	cons ee	prod ee/G	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz
0	0	0	0	1	0	1	1	[illegible]	0	[illegible]	128.412	[illegible]	0.741774	0.255365	0	0.52289	0.006421	0	0.704685	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	0	3007.574	4857.721	0.004187	0.242963
0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.192353	0	0	0	0	0	0	0	0	0.387469	0	3123.812	0	0	0
0	0	0	0	0	4.3	1	1	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	36958.76	0	207752.2 Cogen	0	0	0	0			222785.1	1437996	1536243			125244.3
																			55.04 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	125244.3	-620.683	-5.58435	0	8.140518	8.140518	-0.00036	8017.295	3.200504	28929.77	9.23901	207807.2	6.022254	18.46177	1168.25	-0.44568	112909.8	1536243	2088.083	4130.688	0	4130.688	0	19.11721286	539.2022	0	271.3702

Hdeliv	TJ/y
H livr C1	249.7964
H livr C2	923.6836
H livr CT	160.02
H livr PT	812.24

Epomp+st	MWh/y	milE/y
T C1	1776.078	0.149794
T C2	6587.485	0.615899
D PT	2810.928	0.332954
D CT	553.7831	0.065596
C1	620.683	0.052348
C2	5.58435	0.000524
TOTAL	12334.54	1.217115

congasC1 TJ/y 285.3315; CongasC2 TJ/y 1029.596; biorefTJ/y 0; Cons lig TJ/y 1435.532

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4819.153	41766.21	14.36332
TJ/y 171.5113	TJ/y 1486.439	
milE/y 1.923806		

TOTcomb 20.38557

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	12214.93	222785.1	0.317588

BIO 0 WASTE 0

Gaz termo	E3 NMc	25219.38	Amortiz tr
Carb termo	t	77086.14	
Gaz termo	mil Eur	10.06757	
Carb termo	mil Eur	2.233956	
Sal termo	mil E	3.7057	
Rep termo	mil E	5.001915	
Pomp pr.	mil E	0.765693	
Pomp sec	mil E	0.38855	
Serv propr	mil E	0.052872	
SO2	mil E	0	
Alte dir	mil E	0.541287	
Heat sold	GJ	923000	
PR H	E/GJ	25.2809	
PR EL	E/MWh	93.84501	
EL sold	MWh	116280.1	

2012.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	391	2012	1156.32	157.68	183	98	91.31661	2012	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	27	0	0.00	0	0	29.77	29.77	14.49	14.49	3739.881	0.00	1014.577	0

Tip sursa: CAF G L1; CAF GAS L2; CAF GAS L3; CAF GAS L4; CAF GAS L5; CAF GAS L6; CAF GAS L7; Turbina Gaz Chimiei; Babcock; Babcock; SumBBglobal; SUM Q BV; Babcock

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
4	0	12	60	2.48	0	2.48	50	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
10	0	50	140	6.785714	0	6.785714	140	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
46	0	1000	1600	35.77778	5	37.66082	1550	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125
1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125
1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0.00	[illegible]
1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	0	59.8125
19	11	0	4300	14.2	8	15.43478	4300	100	0	0	214.7246	0	0.816655	0.432534	0	0
10	3	0	310	6.5	8	7.065217	310	[illegible]	0	0	0	[illegible]	[illegible]	0	0	[illegible]
3	0	0	740	1.5	8	1.5	740	[illegible]	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
1	1	1	2350	39	8	42.85714	2350	[illegible]	[illegible]	[illegible]	[illegible]	1.22682	[illegible]	[illegible]	0	[illegible]
45	0	140	2350	27	15	31.76471	2350	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.741774	[illegible]	0	[illegible]
0	0	0	0	1	0	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]
0	0	0	0	0	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0
0	0	0	0	0	4.3	1	1	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704

cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
16.20915	0	0	10.12	0	0	1.25488	0	0	32.65116	0	0	0	0.519188	0
124.183	0	0	10.12	0	0	9.614	0	0	250.15	0	0	0	3.97765	0
7630.623	0	0	10.12	0	0	590.747602	0	0	15370.87	0	0	0	232.1924	0
3.168	0	55.04	0	0	0	0	0	0	56.3	[illegible]	333538.9	[illegible]	0.004187	0
3.168	0	55.04	0	0	0	0	0	0	56.3	[illegible]	333538.9	[illegible]	0.004187	0
0.130719	0	0	10.12	0.00	13.15	0.01012	0.00	0	0.263316	[illegible]	2498.039	0	0.004187	0
3.168	0	55.04	0	0	0	0	0	0	56.3	[illegible]	333538.9	[illegible]	0.004187	0
14251.18	0	0	200	0	0	13273.913	0.693288161	46013.23	28707.08	[illegible]	63334.88	0	255.6582	32739.32
0	0	0	0	0	0	0	0	0	0	0	0	0	8.436805	0
121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	22878.5291	[illegible]	102090.7	143078.1	[illegible]	372409	[illegible]	[illegible]	[illegible]
[illegible]	0	[illegible]	0.03	0.03	0.05	3127.71175	0.2	14929.41	33640.3	[illegible]	89496.46	[illegible]	[illegible]	[illegible]
[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	0.0420375	0.285	0.285	0.509514	0	3007.574	[illegible]	[illegible]	[illegible]
0.192353	0	0	0	0	0	0	0	0	0.387469	0	3123.812	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36315.33	0	207752.2 Cogen	0	0	0	0			221493	1437445	1534486			123753.4
		55.04 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	123753.4	-601.627	-5.58435	0	8.414855	8.414855	-0.00038	7771.146	3.102242	28534.49	9.112773	207807.2	6.022254	18.23727	1154.856	-0.12657	111568.1	1534486	2088.816	4130.688	0	4130.688	0	18.53027109	538.2597	0	271.3702

Hdeliv	TJ/y
H livr C1	238.8541
H livr C2	817.4659
H livr CT	157.68
H livr PT	812.24

Epomp+st	MWh/y	milE/y
T C1	1698.277	0.148328
T C2	6523.277	0.631323
D PT	2810.928	0.341387
D CT	545.685	0.066273
C1	601.6268	0.052546
C2	5.58435	0.00054
TOTAL	12185.38	1.240397

congasC1 TJ/y 278.5712; CongasC2 TJ/y 1015.528; biorefTJ/y 0; Cons lig TJ/y 1435.532

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4748.882	41054.31	14.11069
TJ/y 169.0032	TJ/y 1461.102	
milE/y 1.895674		

TOTcomb 20.13294

CO2 t Cen t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	13507.01	221493	0.364689

BIO 0 WASTE 0

Gaz termo	E3 NMc	24750.97	Amortiz tr
Carb termo	t	77086.14	
Gaz termo	mil Eur	9.880587	
Carb termo	mil Eur	2.233956	
Sal termo	mil E	3.807512	
Rep termo	mil E	5.38079	
Pomp pr.	mil E	0.77965	
Pomp sec	mil E	0.407661	
Serv propr	mil E	0.053087	
SO2	mil E	0	
Alte dir	mil E	0.53304	
Heat sold	GJ	923000	
PR H	E/GJ	25.5151	
PR EL	E/MWh	95.45996	
EL sold	MWh	114930.3	

2013.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2013	1139.16	155.34	154	69	87.91958	2013	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	28	0	0.00	0	0	29.77	29.77	14.49	14.49	3833.378	0.00	1039.942	0

Tip sursa: CAF G L1; CAF GAS L2; CAF GAS L3; CAF GAS L4; CAF GAS L5; CAF GAS L6; CAF GAS L7; Turbina Gaz Chimiei; Turbina Gaz Chimiei

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
4.00	0.00	10.00	40.00	2.5	0	2.5	40	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
10.00	0.00	40.00	125.00	6.6	0	6.6	125	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
10.00	0.00	125.00	260.00	7.403846	0	7.403846	260	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
10.00	0.00	260.00	525.00	7.47619	0	7.47619	525	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
10.00	0.00	525.00	1590.00	6.650943	0	6.650943	1590	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
10.00	0.00	1590.00	2800.00	7.839286	0	7.839286	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]
31.10	0.00	2800.00	4000.00	26.435	0	26.435	4000	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
18.90	10.77	4000.00	6005.00	17.54274	0	17.54274	6005	100	0	0	224.0393	0	[illegible]	0.451297	0	0.762632
10.77	7.16	0.00	2700.00	8.965	0	8.965	2700	100	0	0	273.9421	0	[illegible]	0.55182	0	[illegible]
0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]
0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]
0.00	0.00	0.00	0.00	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
0.00	0.00	0.00	0.00	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
0.00	0.00	0.00	0.00	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]

cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
13.0719	0	0	3.5	0	0	0.35	0	0	26.33158	0	0	0	0.4187	0
107.8431	0	0	3.5	0	0	2.8875	0	0	217.2355	0	0	0	3.454275	0
251.634	0	0	3.5	0	0	6.7375	0	0	506.8829	0	0	0	8.059975	0
513.0719	0	0	3.5	0	0	13.7375	0	0	1033.514	0	0	0	16.43398	0
1382.353	0	0	3.5	0	0	37.0125	0	0	2784.584	[illegible]	18614.32	0	44.27753	0
2869.281	0	0	3.5	0	0	76.825	0	0	5779.781	[illegible]	19582.84	0	91.90465	0
13822.22	0	0	3.5	0	0	370.09	[illegible]	0	27843.01	[illegible]	68035.67	0	442.7334	0
23601.23	0	0	1	0	0	105.344175	0.77231498	81358.88	47541.51	[illegible]	75107.33	0	441.0761	81253.54
6630.905	0	0	5.9	0	0	142.81245	0.191587546	4637.472	13357.07	0	0	0	101.3484	4494.66
0	0	0	5.9	0	0	0	[illegible]	0	0	0	0	0	0	0
0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49191.61	0	0 Cogen	0	0	0	0			99089.9	208568.1	177340.2			85748.2
		0 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	85748.2	-393.803	-113.838	0	5.823137	5.823137	-0.00774	14707.84	5.871371	34483.77	11.01274	0	0	16.88411	1149.707	0.925855	73792.5	177340.2	0	0	0	0	0	20.93779133	49.0904	0	0

Gaz termo	E3 NMc	38876.83	Amortiz tr
Carb termo	t	0	
Gaz termo	mil Eur	14.30357	

Carb termo	mil. Eur	0
Sal termo	mil E	4.135206
Rep termo	mil E	5.544079
Pomp pr	mil E	0.752962
Pomp sec	mil E	0.406677
Serv propr	mil E	0.045412
SO2	mil E	0
Alte dir	mil E	0.629357
Heat sold	GJ	923000
PR H	E/GJ	28.67531
PR EL	E/MWh	84.24402
EL sold	MWh	77254.85

Hdeliv	TJ/y
H livr C1	460.5533
H livr C2	678.6087
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3274.582	0.286002
T C2	4824.963	0.46696
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	393.8025	0.034395
C2	113.8375	0.011017
TOTAL	11955.7	1.205051

BIO 0 WASTE 0

TJ/y 523.4448
Gas CT E3Nmc/y 4678.211 | GAS TOT E3Nmc/y 53869.82 | milE/y 18.75165
TJ/y 166.4952 | TJ/y 1917.2
milE/y 1.867542
TJ/y 1227.26 | biorefTJ/y 0
TJ/y 0
TOTcomb 18.75165

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-6909.35	6909.349	-0.19346

2014.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2014	1139.16	155.34	144	59	86.71556	2014	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	29	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa		
CAF G L1		
CAF GAS L2		
CAF GAS L3		
CAF GAS L4		
CAF GAS L5		
CAF GAS L6		
CAF GAS L7		
Turbina Gaz Chimiei		
Turbina Gaz Chimiei		

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y
4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	11.76471
10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	101.3072
10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	245.098
10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	506.5359
10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]	1375.817
10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]	2886.013
31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69
18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0484	[illegible]	[illegible]	0.447283	0	0.782632	25829.55
10.77	7	0	1805	8.885	0	8.885	1805	100	0	0	274.823	[illegible]	[illegible]	0.553594	0	[illegible]	4407.454
0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0
0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0
0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]	0
0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0
0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0
0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]	0
																	48759.22

cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
0	0	3.5	[illegible]	[illegible]	0.315	[illegible]	0	23.69842	[illegible]	[illegible]	[illegible]	0.37683	0
0	0	3.5	[illegible]	[illegible]	2.7125	[illegible]	0	204.0697	[illegible]	[illegible]	[illegible]	3.244925	0
0	0	3.5	[illegible]	[illegible]	8.5625	[illegible]	0	493.7171	[illegible]	[illegible]	[illegible]	7.850625	0
0	0	3.5	[illegible]	[illegible]	13.5625	[illegible]	0	1020.349	[illegible]	[illegible]	[illegible]	16.22463	0
0	0	3.5	0	0	36.8375	[illegible]	0	2771.399	[illegible]	16587.93	[illegible]	44.06818	0
0	0	3.5	0	0	78.7375	0	0	5773.198	[illegible]	19560.54	[illegible]	91.79998	0
0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	[illegible]	429.7118	0
0	0	1	0	0	118.325	0.755407232	87872.75	52030.15	[illegible]	72588.82	[illegible]	487.0528	87756.42
0	0	5.9	[illegible]	[illegible]	94.6208075	0.183777315	2947.315	8878.223	[illegible]	[illegible]	[illegible]	67.1487	2852.694
0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	5.9	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	Cogen	0	0	0	0	0	98218.9	207848.3	176203.8			90609.12
		V	0	0	0	0	0						

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSed Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90609.12	-382.358	-113.575	0	8.153697	8.153697	-0.00772	14280.39	5.700733	34478.83	11.01116	0	0	16.71189	1147.478	0.730228	78665.12	176203.8	0	0	0	0	0	20.32928067	49.08337	0	0

Hdeliv	TJ/y
H livr C1	449.0904
H livr C2	690.0696
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3193.079	0.278883
T C2	4906.466	0.474848
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204795

BIO 0 WASTE 0

TJ/y 508.232
Gas CT E3Nmc/y 4678.211 | GAS TOT E3Nmc/y 53437.43 | milE/y 18.57943
TJ/y 166.4952 | TJ/y 1901.812
milE/y 1.867542
TJ/y 1227.084 | biorefTJ/y 0
TJ/y 0
TOTcomb 18.57943

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-4605.97	4605.967	-0.13357

Gaz termo	E3 NMc	36772.48
Carb termo	t	0
Gaz termo	mil Eur	14.2247
Carb termo	mil Eur	0
Sal termo	mil E	4.196126
Rep termo	mil E	4.158321
Pomp pr	mil E	0.753731
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.626327
Heat sold	GJ	923000
PR H	E/GJ	27.15157
PR EL	E/MWh	76.27151
EL sold	MWh	82127.21

Amortiz tr

2015.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2015	1139.16	155.34	133	48	85.51155	2015	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	30	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa		
CAF G L1		
CAF GAS L2		
CAF GAS L3		
CAF GAS L4		
CAF GAS L5		
CAF GAS L6		
CAF GAS L7		
Turbina Gaz Chimiei		
Turbina Gaz Chimiei		

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y
4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	11.76471
10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	101.3072
10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	245.098
10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	506.5359
10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]	1375.817
10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]	2868.013
31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69
18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0484	[illegible]	[illegible]	0.447283	0	0.782632	25829.55
10.77	6.83	0	1805	8.8	0	8.8	1805	100	0	0	275.7852	[illegible]	[illegible]	0.555492	0	[illegible]	4380.255
0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0
0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0
0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]	0
0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0
0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0
0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]	0
																	48732.02

cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
0	0	3.5	[illegible]	[illegible]	0.315	[illegible]	0	23.69842	[illegible]	[illegible]	[illegible]	0.37683	0
0	0	3.5	[illegible]	[illegible]	2.7125	[illegible]	0	204.0697	[illegible]	[illegible]	[illegible]	3.244925	0
0	0	3.5	[illegible]	[illegible]	8.5625	[illegible]	0	493.7171	[illegible]	[illegible]	[illegible]	7.850625	0
0	0	3.5	[illegible]	[illegible]	13.5625	[illegible]	0	1020.349	[illegible]	[illegible]	[illegible]	16.22463	0
0	0	3.5	0	0	36.8375	[illegible]	0	2771.399	[illegible]	16587.93	[illegible]	44.06818	0
0	0	3.5	0	0	78.7375	0	0	5773.198	[illegible]	19560.54	[illegible]	91.79998	0
0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	[illegible]	429.7118	0
0	0	1	0	0	118.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	[illegible]	487.0528	87756.42
0	0	5.9	[illegible]	[illegible]	93.7156	0.175423716	2786.43	8823.436	[illegible]	[illegible]	[illegible]	86.50631	2692.715
0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	5.9	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	Cogen	0	0	0	0	0	98164.12	207848.3	176203.9			90449.14
		V	0	0	0	0	0						

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSed Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90449.14	-382.358	-113.575	0	8.142818	8.142818	-0.00772	14280.39	5.700733	34451.63	11.00247	0	0	16.70321	1146.836	0.673834	78505.14	176203.9	0	0	0	0	0	20.32928067	49.04465	0	0

Hdeliv	TJ/y
H livr C1	449.7328
H livr C2	689.4272
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3197.646	0.279282
T C2	4901.898	0.474406
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204752

BIO WASTE

TJ/y 508.232
Gas CT E3Nmc/y 4678.211 | GAS TOT E3Nmc/y 53410.23 | milE/y 18.57075
TJ/y 166.4952 | TJ/y 1900.844
milE/y 1.867542
TJ/y 1226.116 | biorefTJ/y 0
TJ/y 0
TOTcomb 18.57075

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-4591.73	4591.731	-0.13775

Gaz termo	E3 NMc	38754.43
Carb termo	t	0
Gaz termo	mil Eur	14.22894
Carb termo	mil Eur	0
Sal termo	mil E	4.19724
Rep termo	mil E	4.159799
Pomp pr	mil E	0.753688
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.626073
Heat sold	GJ	923000

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PJ5

768

PR H	E/GJ	27.00223
PR EL	E/MWh	75.35116
EL sold	MWh	81967.23

0 0

2016.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H pnce E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2016	1139.16	155.34	124	39	84.35054	2016	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	31	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L 4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L 5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24980.39	16587.93	0	44.06818	0
CAF GAS L 6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.196	24980.39	19560.54	0	91.79998	0
CAF GAS L 7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	77689.02	67466.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	80198.49	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	278.714	0	[illegible]	0.557403	0	[illegible]	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.238984	0	[illegible]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0.333333	0.606061	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48704.64	0	0 Cogen		0	0	0	0		98108.95	207848.3	176203.9			90290.82
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.132052	6.132052	-0.00772	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1148.194	0.617442	78346.62	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	362.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

TJ/y 508.232

TJ/y 1225.142

TJ/y 0

bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4678.211	53382.85	18.562
TJ/y	TJ/y	
168.4952	1899.869	
mil E/y		
1.867542		

TOTcomb 18.562

CO2 f Cert t/y	CO2 t Sud t/y	CO2 f Tot t/y	Dif CO2 t/y	CO2 tot t/y	incom CO2 mil E/y
143584	209811	225000	-4577.12	4577.122	-0.14189

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.161263
Pomp pr	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.99009
PR EL	E/MWh	75.42916
EL sold	MWh	81808.91

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2017.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2017	1139.16	155.34	113	28	83.10352	2017	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	32	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L 4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L 5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24980.39	16587.93	0	44.06818	0
CAF GAS L 6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	[illegible]	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.196	24980.39	19560.54	0	91.79998	0
CAF GAS L 7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	278.714	0	[illegible]	0.557403	0	[illegible]	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48704.64	0	0 Cogen		0	0	0	0		98108.95	207848.3	176203.9			90290.82
																				0 V												

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.132052	6.132052	-0.00772	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1148.194	0.617442	78346.62	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

TJ/y 508.232

TJ/y 1225.142

TJ/y 0

bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4678.211	53382.85	18.562
TJ/y	TJ/y	
168.4952	1899.869	
mil E/y		
1.867542		

TOTcomb 18.562

CO2 f Cert t/y	CO2 t Sud t/y	CO2 f Tot t/y	Dif CO2 t/y	CO2 tot t/y	incom CO2 mil E/y
143584	209811	235000	-4577.12	4577.122	-0.14647

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.570504
Pomp pr	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	27.37938
PR EL	E/MWh	76.68526
EL sold	MWh	81808.91

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2018.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2018	1139.16	155.34	103	18	81.94251	2018	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	33	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa

Tip sursa
CAF G L1
CAF GAS L2
CAF GAS L3
CAF GAS L4
CAF GAS L5
CAF GAS L6
CAF GAS L7
Turbina Gaz Chimiei
Turbina Gaz Chimiei

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1375.817	0	0	3.5	0	0	38.8375	0	0	2771.399	24960.39	16587.93	0	44.06818	0
10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24960.39	19560.54	0	91.79998	0
31.1	0	2800	3600	27.00789	0	27.00789	3600	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	[illegible]	67486.78	0	429.7118	0
18.9	10.77	3600	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	0	[illegible]	0.557403	0	0.42704	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.35	0	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	48704.64	0	0 Cogen		0	0	0		0	98108.95	207848.3	176203.9			90290.82
																			0 V		0	0	0		0						

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.817442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

congasC1: TJ/y 508.232; CongasC2: TJ/y 1225.142; bioref TJ/y 0; Cons lig: TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4678.211	53382.85	18.562
TJ/y	TJ/y	
166.4952	1899.869	
milE/y		
1.867542		

TOTcomb 18.562

CO2 I Cert t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	remun CO2 milE/y
143564	209811	235000	-4577.12	4577.122	-0.15105

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.127893
Pomp pr	mil E	0.753845
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte ch	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.82253
PR EL	E/MWh	75.32812
EL sold	MWh	81808.91

Amortiz tr

2019.0

Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
923	371.5	2019	1139.16	155.34	103	18	81.94251	2019	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	34	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1083.86	0

Tip sursa
CAF G L1
CAF GAS L2
CAF GAS L3
CAF GAS L4
CAF GAS L5
CAF GAS L6
CAF GAS L7
Turbina Gaz Chimiei
Turbina Gaz Chimiei

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
4	0	10	35	2.571429	0	2.571429	35	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	11.76471	0	0	3.5	[illegible]	[illegible]	0.315	[illegible]	0	23.69842	[illegible]	[illegible]	[illegible]	0.37683	0
10	0	35	120	6.458333	0	6.458333	120	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	101.3072	0	0	3.5	[illegible]	[illegible]	2.7125	[illegible]	0	204.0697	[illegible]	[illegible]	[illegible]	3.244925	0
10	0	120	255	7.352941	0	7.352941	255	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	245.098	0	0	3.5	[illegible]	[illegible]	6.5625	[illegible]	0	493.7171	[illegible]	[illegible]	[illegible]	7.850625	0
10	0	255	520	7.451923	0	7.451923	520	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	506.5359	0	0	3.5	[illegible]	[illegible]	13.5625	[illegible]	0	1020.349	[illegible]	[illegible]	[illegible]	16.22463	0
10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	1375.817	0	0	3.5	0	0	38.8375	[illegible]	0	2771.399	[illegible]	16587.93	[illegible]	44.06818	0
10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	[illegible]	91.79998	0
31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	[illegible]	0.42704	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67486.78	[illegible]	429.7118	0
18.9	10.77	3800	6800	17.10662	0	17.10662	6800	[illegible]	[illegible]	[illegible]	222.0464	[illegible]	[illegible]	0.447283	[illegible]	0.762632	25829.55	0	0	1	[illegible]	[illegible]	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	[illegible]	487.0528	87756.42
10.77	8.66	0	1805	8.715	0	8.715	1805	[illegible]	[illegible]	[illegible]	276.714	[illegible]	[illegible]	0.557403	[illegible]	[illegible]	4352.87	0	0	5.9	[illegible]	[illegible]	92.8103925	0.16701264	2627.205	8768.271	[illegible]	[illegible]	[illegible]	65.86392	2534.394
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0.00	0.00	0.00	0.00	0	4.3	0	0	[illegible]	[illegible]	[illegible]	395.8688	[illegible]	[illegible]	0.787239	[illegible]	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	1	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	127.87	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	192.3529	[illegible]	[illegible]	0.387469	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	0.42704	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
																	48704.64	0	0 Cogen		0	0	0		0	98108.95	207848.3	176203.9			90290.82
																			0 V												

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.817442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

congasC1: TJ/y 508.232; CongasC2: TJ/y 1225.142; bioref TJ/y 0; Cons lig: TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4678.211	53382.85	18.562
TJ/y	TJ/y	
166.4952	1899.869	
milE/y		
1.867542		

TOTcomb 18.562

CO2 I Cert t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	remun CO2 milE/y
143564	209811	235000	-4577.12	4577.122	-0.15562

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.127893
Pomp pr	mil E	0.753845
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte ch	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.76533
PR EL	E/MWh	75.32812
EL sold	MWh	81808.91

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2020.0

Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
923	371.5	2020	1139.16	155.34	103	18	81.94251	2020	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	35	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa
CAF G L1
CAF GAS L2
CAF GAS L3
CAF GAS L4
CAF GAS L5
CAF GAS L6

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
4	0	10	35	2.571429	0	2.571429	35	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	11.76471	0	0	3.5	[illegible]	[illegible]	0.315	[illegible]	0	23.69842	[illegible]	[illegible]	[illegible]	0.37683	0
10	0	35	120	6.458333	0	6.458333	120	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	101.3072	0	0	3.5	[illegible]	[illegible]	2.7125	[illegible]	0	204.0697	[illegible]	[illegible]	[illegible]	3.244925	0
10	0	120	255	7.352941	0	7.352941	255	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	245.098	0	0	3.5	[illegible]	[illegible]	6.5625	[illegible]	0	493.7171	[illegible]	[illegible]	[illegible]	7.850625	0
10	0	255	520	7.451923	0	7.451923	520	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	506.5359	0	0	3.5	[illegible]	[illegible]	13.5625	[illegible]	0	1020.349	[illegible]	[illegible]	[illegible]	16.22463	0
10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	1375.817	0	0	3.5	0	0	38.8375	[illegible]	0	2771.399	[illegible]	16587.93	[illegible]	44.06818	0
10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	[illegible]	91.79998	0

770

Tip sursa	S ent M	S ad m	T M	T m	S md ech	Interne	Sarc prod	Durata M	% gaz	% bio	% lignit	csp gaz	csp bio	csp lign	CO2sp gz	CO2sp bio	CO2sp lig	cons gaz	cons bio	cons lignit	csp ee gz	csp ee bio	csp ee lig	cons ee	prod ee/G	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz
CAF GAS L 7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	[illegible]	0.42704	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	[illegible]	[illegible]	0.447283	[illegible]	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	[illegible]	[illegible]	0.557403	[illegible]	[illegible]	4352.87	0	0	5.9	[illegible]	[illegible]	92.8103925	0.16701264	2627.205	8788.271	[illegible]	[illegible]	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	5.9	0	0	0	[illegible]	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	[illegible]	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48704.64	0	0 Cogen		0	0	0	0		98108.95	207848.3	176203.9			90290.82
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.817442	76346.82	176203.9	0	0	0	0	0	20.32926067	49.00567	0	0
								TJ/y 508.232		TJ/y 1225.142		TJ/y 0															
										bioref TJ/y 0																	

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4678.211	53382.85	18.562
TJ/y 166.4952	TJ/y 1899.869	
milE/y 1.867542		

TOTcomb 18.562

CO2 t Cert t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143564	205811	235000	-4577.12	4577.122	-0.1602

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38	Amortiz tr
Carb termo	t	0	
Gaz termo	mil Eur	14.22317	
Carb termo	mil Eur	0	
Sal termo	mil E	4.198343	
Rep termo	mil E	4.127693	
Pomp pr	mil E	0.753645	
Pomp sec	mil E	0.406877	
Serv propr	mil E	0.044387	
SO2	mil E	0	
Alte dir	mil E	0.62582	
Heat sold	GJ	923000	
PR H	E/GJ	26.75682	
PR EL	E/MWh	75.32612	
EL sold	MWh	81808.91	

2021.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2021	1139.16	155.34	103	18	81.94251	2021	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	36	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S ent M Gcal/h	S ad m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	11.76471	0	0	3.5	0	0	0.315	[illegible]	0	23.69842	[illegible]	[illegible]	0	0.37683	0
CAF GAS L2	10	0	35	120	8.458333	0	8.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	101.3072	0	0	3.5	0	0	2.7125	[illegible]	0	204.0697	[illegible]	[illegible]	0	3.244925	0
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	245.098	0	0	3.5	0	0	8.5625	[illegible]	0	493.7171	[illegible]	[illegible]	0	7.850625	0
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	506.5359	0	0	3.5	0	0	13.5625	[illegible]	0	1020.349	[illegible]	[illegible]	0	16.22463	0
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1375.817	0	0	3.5	0	0	38.8375	[illegible]	0	2771.399	[illegible]	16587.93	0	44.06818	0
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	0	91.79998	0
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	[illegible]	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.82	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	[illegible]	[illegible]	0.557403	0	[illegible]	4352.87	0	0	5.9	[illegible]	[illegible]	92.8103925	0.16701264	2627.205	8788.271	[illegible]	[illegible]	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]	0	0	0	1	0	0	0	0	0	0	[illegible]	[illegible]	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		48704.64	0	0 Cogen		0	0	0	0		98108.95	207848.3	176203.9			90290.82
																				0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.817442	76346.82	176203.9	0	0	0	0	0	20.32926067	49.00567	0	0
								TJ/y 508.232		TJ/y 1225.142		TJ/y 0															
										bioref TJ/y 0																	

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+si	MWh/y	milE/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4678.211	53382.85	18.562
TJ/y 166.4952	TJ/y 1899.869	
milE/y 1.867542		

TOTcomb 18.562

CO2 t Cert t/y	CO2 t Sud t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143564	205811	235000	-4577.12	4577.122	-0.16478

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38	Amortiz tr
Carb termo	t	0	
Gaz termo	mil Eur	14.22317	
Carb termo	mil Eur	0	
Sal termo	mil E	4.196343	
Rep termo	mil E	4.127693	
Pomp pr	mil E	0.753645	
Pomp sec	mil E	0.406877	
Serv propr	mil E	0.044387	
SO2	mil E	0	
Alte dir	mil E	0.62582	
Heat sold	GJ	923000	
PR H	E/GJ	26.75621	
PR EL	E/MWh	75.32612	
EL sold	MWh	81808.91	

2022.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2022	1139.16	155.34	103	18	81.94251	2022	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	37	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S ent M Gcal/h	S ad m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	11.76471	0	0	3.5	0	0	0.315	[illegible]	0	23.69842	[illegible]	[illegible]	0	0.37683	0
CAF GAS L2	10	0	35	120	8.458333	0	8.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	101.3072	0	0	3.5	0	0	2.7125	[illegible]	0	204.0697	[illegible]	[illegible]	0	3.244925	0
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	245.098	0	0	3.5	0	0	8.5625	[illegible]	0	493.7171	[illegible]	[illegible]	0	7.850625	0
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]	506.5359	0	0	3.5	0	0	13.5625	[illegible]	0	1020.349	[illegible]	[illegible]	0	16.22463	0
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1375.817	0	0	3.5	0	0	38.8375	[illegible]	0	2771.399	[illegible]	16587.93	0	44.06818	0
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	0	91.79998	0
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	[illegible]	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.82	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	[illegible]	[illegible]	0.557403	0	[illegible]	4352.87	0	0	5.9	[illegible]	[illegible]	92.8103925	0.16701264	2627.205	8788.271	[illegible]	[illegible]	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	[illegible]	0	0	0	1	0	0	0	0	0	0	[illegible]	[illegible]	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0

cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y			
0	16.69446	1146.194	0.617442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0			

Hdeliv TJ/y
H livr C1 450.3752
H livr C2 688.7848
H livr CT 155.34
H livr PT 812.24

Epomp+si	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

TJ/y 508.232 | TJ/y 1225.142 | TJ/y 0 | biorefTJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4678.211	53382.85	18.562
TJ/y	TJ/y	
166.4952	1899.869	
mil E/y		
1.867542		

TOTcomb 18.562

CO2 i Cen t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	incom CO2 mil E/y
142584	209811	235000	-4577.12	4577.122	-0.16935

BIO	WASTE
0	0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.536933
Pomp pr	mil E	0.753645
Pomp sec	mil E	0.406577
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	27.19678
PR EL	E/MWh	76.58222
EL sold	MWh	81808.91

Amortiz tr

2023.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2023	1139.16	155.34	103	18	81.94251	2023	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	38	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S md M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	11.78471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24980.39	18587.93	0	44.06818	0
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	2868.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24980.39	19560.54	0	91.79998	0
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	77689.02	67486.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	[illegible]	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	[illegible]	[illegible]	0.557403	0	[illegible]	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8788.271	0	0	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0	0	0	5.9	0	0	0	[illegible]	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.67	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0							
																		48704.64	0	0 Cogen	0	0	0	0			98108.95	207848.3	176203.9			90290.82
																				0 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0

cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	16.69446	1146.194	0.617442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv TJ/y
H livr C1 450.3752
H livr C2 688.7848
H livr CT 155.34
H livr PT 812.24

Epomp+si	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

TJ/y 508.232 | TJ/y 1225.142 | TJ/y 0 | biorefTJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4678.211	53382.85	18.562
TJ/y	TJ/y	
166.4952	1899.869	
mil E/y		
1.867542		

TOTcomb 18.562

CO2 i Cen t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	incom CO2 mil E/y
142584	209811	235000	-4577.12	4577.122	-0.17393

BIO	WASTE
0	0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.127893
Pomp pr	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.74389
PR EL	E/MWh	75.32612
EL sold	MWh	81808.91

Amortiz tr

2024.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2024	1139.16	155.34	103	18	81.94251	2024	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	39	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S md M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	11.78471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24980.39	18587.93	0	44.06818	0
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704	2868.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24980.39	19560.54	0	91.79998	0
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	77689.02	67486.78	0	429.7118	0
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	[illegible]	[illegible]	0.447283	0	0.762632	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	[illegible]	[illegible]	0.557403	0	[illegible]	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8788.271	0	0	0	65.86392	2534.394
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]	0	0	0	5.9	0	0	0	[illegible]	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	5	0	0	100	0	0	127.67	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0.236984	0	0.42704	0	0	0	0	0	0	0	0							
																		48704.64	0	0 Cogen	0	0	0	0			98108.95	207848.3	176203.9			90290.82
																				0 V	0	0	0	0								

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0

cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	16.69446	1146.194	0.617442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv TJ/y
H livr C1 450.3752
H livr C2 688.7848

Epomp+si	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473964

TJ/y 508.232 | TJ/y 1225.142 | TJ/y 0 | biorefTJ/y

Gas CT | GAS TOT

CO2 i Cen t/y	CO2 i Sud t/y	CO2 i Tot t/y	Dif CO2 t/y	CO2 tot t/y	incom CO2 mil E/y

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.127693

Amortiz tr

H livr CT	155.34	D PT	2810.928	0.341387	E3Nmc/y 4678.211	E3Nmc/y 53382.85	milE/y 18.562
H livr PT	812.24	D CT	537.587	0.06529	TJ/y 166.4952	TJ/y 1899.869	
		C1	382.3575	0.033395	milE/y 1.867542		
		C2	113.575	0.010992			
		TOTAL	11943.99	1.204709			

BIO 0 WASTE 0

0

TOTcomb 18.562

143564 209811 235000 -4577.12 4577.122 -0.17851

Pomp pr	mil E	0.753845
Pomp sec	mil E	0.406577
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.74379
PR EL	E/MWh	75.32612
EL sold	MWh	81808.91

2025.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2025	1139.16	155.34	103	18	81.94251	2025	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	40	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa

Tip sursa	S inst M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ach Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimie	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632
Turbina Gaz Chimie	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	0	[illegible]	0.557403	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8888	[illegible]	[illegible]	0.787239	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22483	0
CAF GAS L5	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24980.39	16587.93	0	44.06818	0
CAF GAS L6	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24980.39	19560.54	0	91.79998	0
CAF GAS L7	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	77089.02	67466.78	0	429.7118	0
Turbina Gaz Chimie	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	80198.49	72588.62	0	487.0528	87756.42
Turbina Gaz Chimie	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0.127153	0.190729	0.190729	0	1.271528026	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48704.64	0	0 Cogen		0	0	0	0		98108.95	207848.3	176203.9			90290.82
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	consgasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.89446	1146.194	0.617442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.127893
Pomp pr	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.68779
PR EL	E/MWh	75.32612
EL sold	MWh	81808.91

Amortiz tr

Hdeliv	TJ/y	Epomp+sl	MWh/y	milE/y
H livr C1	450.3752	T C1	3202.214	0.279681
H livr C2	688.7848	T C2	4897.331	0.473964
H livr CT	155.34	D PT	2810.928	0.341387
H livr PT	812.24	D CT	537.587	0.06529
		C1	382.3575	0.033395
		C2	113.575	0.010992
		TOTAL	11943.99	1.204709

BIO 0 WASTE 0

TJ/y 508.232 — TJ/y 1225.142 — bioref TJ/y 0 — TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4678.211	53382.85	18.562
TJ/y 166.4952	TJ/y 1899.869	
milE/y 1.867542		

TOTcomb 18.562

CO2 l Cer t/y	CO2 l Sud t/y	CO2 l Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143564	209811	235000	-4577.12	4577.122	-0.18308

2026.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iD E/ MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2026	1139.16	155.34	103	18	81.94251	2026	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	40	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa

Tip sursa	S inst M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ach Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimie	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632
Turbina Gaz Chimie	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	0	[illegible]	0.557403	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8888	[illegible]	[illegible]	0.787239	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22483	0
CAF GAS L5	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24980.39	16587.93	0	44.06818	0
CAF GAS L6	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24980.39	19560.54	0	91.79998	0
CAF GAS L7	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	77089.02	67466.78	0	429.7118	0
Turbina Gaz Chimie	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	80198.49	72588.62	0	487.0528	87756.42
Turbina Gaz Chimie	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0.127153	0.190729	0.190729	0	1.271528026	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48704.64	0	0 Cogen		0	0	0	0		98108.95	207848.3	176203.9			90290.82
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	consgasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.617442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.127893
Pomp pr	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.63287
PR EL	E/MWh	75.32812
EL sold	MWh	81808.91

Amortiz tr

Hdeliv	TJ/y	Epomp+sl	MWh/y	milE/y
H livr C1	450.3752	T C1	3202.214	0.279681
H livr C2	688.7848	T C2	4897.331	0.473964
H livr CT	155.34	D PT	2810.928	0.341387
H livr PT	812.24	D CT	537.587	0.06529
		C1	382.3575	0.033395
		C2	113.575	0.010992
		TOTAL	11943.99	1.204709

BIO 0 WASTE 0

TJ/y 508.232 — TJ/y 1225.142 — bioref TJ/y 0 — TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4678.211	53382.85	18.562
TJ/y 166.4952	TJ/y 1899.869	
milE/y 1.867542		

TOTcomb 18.562

CO2 l Cer t/y	CO2 l Sud t/y	CO2 l Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143564	209811	235000	-4577.12	4577.122	-0.18308

2027.0	Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz lp	r ghp/glp	Pr. Gazhp	Pret carbv	Pret eeiC2	Pretee iC1	Pret ee iD	Pret eee	W H price	Pret CO2	Pret TSO2	Fred pomp	Bonus G	Bonus C	E pomT C1	EpomT C2	E pom PT	E pom CT	Sal C1	Sal C2	Sal PT	Sal CT
	TJ/y	TJ/y		TJ/y	TJ/y	h/an	h/an	Gcal/h		E/1000mc		E/1000mc	E/t	E/ MWh	E/ MWh	E/ MWh	E/MWh	E/TJ	E/t	E/t	%	E/MWh	E/MWh	MWh/Tcal	MWh/Tcal	MWh/Tcal	MWh/Tcal	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
	923	371.5	2027	1139.16	155.34	103	18	81.94251	2027	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	40	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa

CAF G L1		
CAF GAS L2		
CAF GAS L3		
CAF GAS L4		
CAF GAS L5		
CAF GAS L6		
CAF GAS L7		
Turbina Gaz Chimie		
Turbina Gaz Chimie		

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata h/y	M	% gaz %	% bio %	% lignit %	cap gaz kmol/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cap ga t/Gcal	CO2cap bio t/Gcal	CO2cap lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	cap ee ga kWh/Gcal	cap ee bio kWh/Gcal	cap ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmd gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N El vinz. TJ/y	MWh/y
4	0	10	35	2.571429	0	2.571429	35		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
10	0	35	120	6.458333	0	6.458333	120		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0897	0	0	0	3.244925	0
10	0	120	255	7.352941	0	7.352941	255		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
10	0	255	520	7.451923	0	7.451923	520		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	508.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
10	0	520	1585	6.640379	0	6.640379	1585		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24960.39	16567.93	0	44.06818	0
10	0	1585	2800	7.830357	0	7.830357	2800		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24960.39	19560.54	0	91.79998	0
31.1	0	2800	3800	27.00789	0	27.00789	3800		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	77669.02	67466.78	0	429.7118	0
18.9	10.77	3800	6800	17.10662	0	17.10662	6800		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	25829.55	0	0	3.5	0	0	116.325	0.755407232	87872.75	52030.15	80198.49	72568.62	0	487.0528	87756.42
10.77	6.66	0	1805	8.715	0	8.715	1805		100	0	0	222.0464	0	0.000000	0.447283	0.000000	0.000000	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
0	0	0	0	0	0	0	0		100	0	0	276.714	0	0.000000	0.557403	0.000000	0.000000	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0	4.3	0	0		100	0	0	127.8772	0.000000	0.000000	0.257592	0.000000	0.000000	0	0	0	0.127153	0.000000	0.000000	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0		100	0	0	395.8668	0.000000	0.000000	0.787239	0.000000	0.000000	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	5	0	0		100	0	0	117.6471	0.000000	0.000000	0.236984	0.000000	0.000000	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.71	0	0		100	0	0	127.87	0	0	0.257592	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.55	0	0		100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
												117.6471	0.333333	0.606061	0.236984	0	0.42704	48704.64	0	0	Cogen V			0	0	0	98108.95	207848.3	176203.9			90290.82

ee pr C1 MWh/y	ee pr C2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.139775	6.139775	0	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.617442	78346.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	888.7848
H livr CT	155.34
H livr PT	812.24

Epompsi	MWh/y	mil E/y
T C1	3202.214	0.279881
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

	TJ/y
Gas CT	508.232
GAS TOT	1225.142
biorefTJ/y	0

	E3Nmc/y	E3Nmc/y	mil E/y
Gas CT	4678.211	53362.85	18.562
	TJ/y	TJ/y	
	186.4952	1899.869	
	mil E/y		
	1.867542		

	TJ/y
TOTcomb	18.562

CO21 Cen t/y	CO21 Sud t/y	CO21 Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	235000	-4577.12	4577.122	-0.18308

	BIO	WASTE
	0	0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.538993
Pomp pr	mil E	0.753845
Pomp sec	mil E	0.406977
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	27.05416
PR EL	E/MWh	78.56222
EL sold	MWh	61808.91

Amortiz tr

2028.0	Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz lp	r ghp/glp	Pr. Gazhp	Pret carbv	Pret eeiC2	Pretee iC1	Pret ee iD	Pret eee	W H price	Pret CO2	Pret TSO2	Fred pomp	Bonus G	Bonus C	E pomT C1	EpomT C2	E pom PT	E pom CT	Sal C1	Sal C2	Sal PT	Sal CT
	TJ/y	TJ/y		TJ/y	TJ/y	h/an	h/an	Gcal/h		E/1000mc		E/1000mc	E/t	E/ MWh	E/ MWh	E/ MWh	E/MWh	E/TJ	E/t	E/t	%	E/MWh	E/MWh	MWh/Tcal	MWh/Tcal	MWh/Tcal	MWh/Tcal	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
	923	371.5	2028	1139.16	155.34	103	16	82	2028	399.20	0.80	319.36	0	96.78	87.34	121.45	68	0	40	0	0	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0.00

Tip sursa

CAF G L1		
CAF GAS L2		
CAF GAS L3		
CAF GAS L4		
CAF GAS L5		
CAF GAS L6		
CAF GAS L7		
Turbina Gaz Chimie		
Turbina Gaz Chimie		

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata h/y	M	% gaz %	% bio %	% lignit %	cap gaz kmol/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cap ga t/Gcal	CO2cap bio t/Gcal	CO2cap lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	cap ee ga kWh/Gcal	cap ee bio kWh/Gcal	cap ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmd gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N El vinz. TJ/y	MWh/y
4	0	10	35	2.571429	0	2.571429	35		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
10	0	35	120	6.458333	0	6.458333	120		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0897	0	0	0	3.244925	0
10	0	120	255	7.352941	0	7.352941	255		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
10	0	255	520	7.451923	0	7.451923	520		100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	508.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
10	0	520	1585	6.640379	0	6.640379	1585		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	24960.39	18567.93	0	44.06818	0
10	0	1585	2800	7.830357	0	7.830357	2800		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	24960.39	19560.54	0	91.79998	0
31.1	0	2800	3800	27.00789	0	27.00789	3800		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	77669.02	67466.78	0	429.7118	0
18.9	10.77	3800	6800	17.10662	7	18.39421	6800		100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.000000	25829.55	0	0	3.5	0	0	125.080645	0.755407232	94486.82	55946.4	86234.94	78052.28	0	487.0528	94361.74
10.77	6.66	0	1805	8.715	0	8.715	1805		100	0	0	222.0464	0	0.000000	0.447283	0.000000	0.000000	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
0	0	0	0	0	0	0	0		100	0	0	276.714	0	0.000000	0.557403	0.000000	0.000000	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0.00	0.00	0.00	0.00	0	4.3	0	0		100	0	0	127.8772	0.000000	0.000000	0.257592	0.000000	0.000000	0	0	0	0.127153	0.000000	0.000000	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0		100	0	0	395.8668	0.000000	0.000000	0.787239	0.000000	0.000000	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	5	0	0		100	0	0	117.6471	0.000000	0.000000	0.236984	0.000000	0.000000	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.71	0	0		100	0	0	127.87	0	0	0.257592	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.55	0	0		100	0	0	192.3529	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
												117.6471	0.333333	0.606061	0.236984	0	0.42704	50648.8	0	0	Cogen V			0	0	0	102025.2	213884.7	181667.5			96896.14

ee pr C1 MWh/y	ee pr C2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	96896.14	-382.358	-113.575	0	6.588937	6.588937	0	14280.39	5.700733	38368.41	11.61461	0	0	17.31535	1146.194	0.617442	84952.15	181667.5	0	0	0	0	0	20.32928067	51.77333	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	888.7848
H livr CT	155.34
H livr PT	812.24

Epompsi	MWh/y	mil E/y
T C1	3202.214	0.279881
T C2	4897.331	0.473964
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

	TJ/y
Gas CT	508.232
GAS TOT	1294.333
biorefTJ/y	0

	E3Nmc/y	E3Nmc/y	mil E/y
Gas CT	4678.211	55327.01	19.18289
	TJ/y	TJ/y	
	186.4952	1969.061	
	mil E/y		
	1.867542		

	TJ/y
TOTcomb	19.18289

CO21 Cen t/y	CO21 Sud t/y	CO21 Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	235000	-4577.12	4577.122	-0.18308

	BIO	WASTE
	0	0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.152966
Rep termo	mil E	4.087954
Pomp pr	mil E	0.753845
Pomp sec	mil E	0.406977
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.82582
Heat sold	GJ	923000
PR H	E/GJ	28.4558
PR EL	E/MWh	77.90962
EL sold	MWh	88414.24

Amortiz tr

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CO2 inf t/y	224956.1	219861	222785.1	221493	99089.9	98218.9	98164.12	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	98108.95	102025.2

eff evolution					med load	% maxload
10.77	6.5	0	3676		8.63	0.45
18.9	10.77	3431	5084		17.81	0.94

10.77/18.9= 57

Anexa 5B-II

Calc

pg. 1

An	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	EpomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
2008.00	111.45	55	[illegible]	25	0	0.00	0	0	29.77	29.77	14.49	14.49	3406.00	0.00	924.00	0.00
2009.00	111.45	58	[illegible]	25	0	0.00	0	0	29.77	29.77	14.49	14.49	3406.00	0.00	924.00	0.00
2010.00	114.45	61	[illegible]	25	0	0.00	0	0	29.77	29.77	14.49	14.49	3525.21	0.00	956.34	0.00
2011.00	118.45	65	[illegible]	26	0	0.00	0	0	29.77	29.77	14.49	14.49	3638.02	0.00	988.94	0.00
2012.00	121.45	68	[illegible]	27	0	0.00	0	0	29.77	29.77	14.49	14.49	3739.88	0.00	1014.58	0.00
2013.00	121.45	68	[illegible]	28	0	0.00	0	0	29.77	29.77	14.49	14.49	3833.38	0.00	1039.94	0.00
2014.00	121.45	68	[illegible]	29	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2015.00	121.45	68	[illegible]	30	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2016.00	121.45	68	[illegible]	31	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2017.00	121.45	68	[illegible]	32	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2018.00	121.45	68	[illegible]	33	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2019.00	121.45	68	[illegible]	34	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2020.00	121.45	68	[illegible]	35	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2021.00	121.45	68	[illegible]	36	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2022.00	121.45	68	[illegible]	37	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2023.00	121.45	68	[illegible]	38	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2024.00	121.45	68	[illegible]	39	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2025.00	121.45	68	[illegible]	40	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2026.00	121.45	68	[illegible]	40	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2027.00	121.45	68	[illegible]	40	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00
2028.00	121.45	68	[illegible]	40	0	0.00	0.00	0.00	29.77	29.77	14.49	14.49	3921.55	0.00	1063.86	0.00

An	SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	Cfix OPSE Th(e3) E/y	Cor Pomp 0 or 1	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOiCAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOx CAF 0 or 1
2008.00	0.00	6693.15	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2009.00	0.00	6693.15	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2010.00	0.00	6693.15	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2011.00	0.00	6693.15	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2012.00	0.00	6693.15	512.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2013.00	0.00	6693.15	173.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2014.00	0.00	5033.15	173.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2015.00	0.00	5033.15	173.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2016.00	0.00	5033.15	173.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2017.00	0.00	5033.15	685.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2018.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2019.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2020.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2021.00	0.00	4991.15	685.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2022.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2023.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2024.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2025.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2026.00	0.00	4991.15	685.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2027.00	0.00	4991.15	173.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00	[illegible]
2028.00	0.00	4991.15		0.00	0.00	0.00	0.00											

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SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOiCAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2
0	6693.15	0	0	0	0	0.00	2008	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 (450 mg)	67.00 (200 mg)	0.00	0.00	0.00	0.00	0	0	150 (450mg)	67 (200mg)	0.0	0	0	20	0	0.00	0.00	127.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ		NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
-0.434	1	35589.5	12561	8374	0.578876	90	52	90	29	87	39.55	86	0	0.578876	0.578876	0	0	0	0	0	0	0	67	0.038651	0	0	1	0	0	3.83E-15	0	0	0		
-3.325	1	35589.5	12561	8374	4.419611	90	52	90.	29	87	39.55	86	0	4.419611	4.419611	0	0	0	0	0	0	0	67	0.298114	0	0	1	0	0	2.78E-14	0	0	0		
-7.35	1	35589.5	12561	8374	9.769867	90	52	90	29	87	39.55	86	0	9.769867	9.769867	0	0	0	0	0	0	0	67	0.654568	0	0	1	0	0	6.14E-14	0	0	0		
-14.35	1	35589.5	12561	8374	19.07411	90	52	90	29	87	39.55	86	0	19.07411	19.07411	0	0	0	0	0	0	0	67	1.277965	0	0	1	0	0	1.2E-13	0	0	0		
-37.625	1	35589.5	12561	8374	50.01139	90	52	90	33	87	39.55	86	0	50.01139	50.01139	0	0	0	0	0	0	0	67	3.350763	0	0	1	0	0	3.14E-13	0	0	0		
-82.425	1	35589.5	12561	8374	109.5598	90	52	90	33	87	39.55	86	0	109.5598	109.5598	0	0	0	0	0	0	0	67	7.340509	0	0	1	0	0	6.88E-13	0	0	0		
-214.2	1	35589.5	12561	8374	284.716	90	52	90	29	87	39.55	86	0	284.716	284.716	0	0	0	0	0	0	0	67	19.07597	0	0	1	0	0	1.79E-12	0	0	0		
0	1	35589.5	12561	8374	630.1233	87.30294	52	90	29	87	39.55	86	436.2383	359.5005	795.7388	26.28303	14.22329	0	14.22329	0	0	0	67	42.21826	0	0	0	1	1	0	0	62934.92	62934.92		
-13.4225	1	35589.5	12561	6908	10.35372	92	52	90	29	87	39.55	86	0	10.58381	10.58381	0	0	0	0	0	0	0	67	0.693699	0	0	0	1	0	0	0	0	0		
-6.195	1	35589.5	12561	6908	4.778841	92	52	90	29	87	39.55	86	0	4.884833	4.884833	0	0	0	0	0	0	0	67	0.320169	0	0	0	1	1	88531.83	117513.6	70226.1	0	1	94.30889
0	0.374061	35589.5	12561	6908	2311.324	57.68216	52	90	29	87	39.55	86	1444.152	730.3989	2174.551	-5.91756	0	0	0	0	0	0	260	600.9444	250	263.6726	1	0	1	0	0	0	0		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0		
-695.331	1	35589.5	12561	6908	536.3272	87.40495	52	90	33	87	39.55	86	0	520.8628	520.8628	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0						
																	14.22329	0	TotalcogG 14.22328	TotalcogS 0										88531.83	117513.6	133161	62934.92		

Products		
Heat sold	TJ/y	923
Losses	TJ/y	469
Heat C1	TJ/y	418.7113
Heat C2	TJ/y	809.2487
Heat CT	TJ/y	197.04
HeatDwell	TJ/y	791.3848
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	62934.92
El Cogen	MWh/y	133161
El hef Cog	MWh/y	62934.92
El Tot	MWh/y	62934.92

Emmiss		
CO2	t/y	223081.3
SO2 C2	t/y	0
NOx C1	t/y	632.9789
NOx C2	t/y	43.23213
Dust C2	t/y	0
Emm lim		
CO2	t/y	235000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	127.00
EM verif		
CO2		OK
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E
Inv NET	0.00
Tr Pump	0.00
Tr NET	0.00
PT	0.00
Dist NET	0.00
CT	0.00
TOTAL mil E	0.00

Fuelcosts mil E	
coal	0
gas	31.12152
biomass	7.516553
waste H	0
others	0
TOTAL	38.63787
Fuel cons	
gsE3Mc/y	116608.4
Coal t/y	0
biom t/y	33200.32
gas TJ/y	4150.07
coal TJ/y	0
biom TJ/y	1181.583
Total TJ/y	5331.653

O&Mcos	mil E
Tpump&is	0.817578
D pump	0.377706
DESOX	0
Free	0
Ist Depr	0.97
Sal	4.33
Cfix	6.69315
Others	0
TOTAL	13.18851
Electr inc mil E	
C1	0
C2	3.422099
Total	3.422099
CO2 Inc mil E	0.287717

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOiCAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2
0.00	6693.15	0.00	0.00	0.00	0.00	0.00	2009.00	0.94	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00 (550mg)	67.00 (250mg)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	150.00 (450mg)	67.00 (200mg)	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y		Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
-1.25468	1	35589.5	12561	6908	0.578876	90	52	90	29	87	39.55	86	0	0.578876	0.578876		0	0	0	0	0	0	67	0.038651	0	0	1	0	0	3.83E-15	0	0	0		
-9.614	1	35589.5	12561	6908	4.419611	90	52	90	29	87	39.55	86	0	4.419611	4.419611		0	0	0	0	0	0	67	0.298114	0	0	1	0	0	2.78E-14	0	0	0		
-888.029	1	35589.5	12561	6908	315.3717	85.5	52	90	29	87	39.55	86	0	299.6031	299.6031		0	0	0	0	0	0	67	21.1299	0	0	1	0	0	1.98E-12	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165		303	0.149388	100	0.033354	0	0	1	44.64654	0	0	0		

0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	0	0	1	28.0944
0	1	35589.5	12561	6908	497.9138	73.59241	52	90	29	87	39.55	86	310.5431	280.0638	590.6069	18.61628	1.842618	0	1.842618	0	0	67	33.36023	0	0	0	1	1	0	0	31769.27	31769.27		
0	1	35589.5	12561	6908	11.25405	84.64	52	90	29	87	39.55	86	0	10.58381	10.58381	0	0	0	0	0	0	67	0.754021	0	0	0	1	0	0	0	0	0		
-14.5897	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.450391	35589.5	12561	6908	1583.239	43.54834	52	90	29	87	39.55	86	665.6348	452.1571	1317.992	-15.6684	0	0	0	0	3324.174	260	408.4422	250	218.7903	0	1	1	99890.05	42957.12	36248.5	0	1	102.9662
0	0.85	35589.5	12561	6908	384.9024	82.1352	52	90	33	87	39.55	86	130.4042	313.1169	443.5229	15.22967	0.598808	0.105337	0.161165	0.435743	828.9815	260	106.0748	250	53.34234	0	1	1	0	1516.151	10291.52	10291.52	1	95.47826
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.41E-05	0	7.05E-07	1.34E-05	0.014008	260	0.001375	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432
0	0	35589.5	12561	6908	0.008846	0	52	90	29	87	39.55	86	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908		0	52	90	29	87	39.55	86	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.43954	0.105337	TotelcogG 2.003783	TotelcogS 0.435756									100030.9	44473.27	78309.53	42061.03		

mil E 0.669724

Products		
Heat sold	TJ/y	923
Losses	TJ/y	449.5
Heat C1	TJ/y	776.1192
Heat C2	TJ/y	831.6906
Heat CT	TJ/y	164.7
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	122782.8
El Cogen	MWh/y	78309.53
El hef Cog	MWh/y	42061.03
El Tot	MWh/y	122782.8

Emmiss		
CO2	t/y	224856.1
SO2 C2	t/y	4151.52
NOx C1	t/y	21.46496
NOx C2	t/y	540.821
Dust C2	t/y	272.7334
Emm lim		
CO2	t/y	235000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	127.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		WRONG
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	0.083
C 1	mil E	0.027
F		0
LOilTank		0
F		0
CAF 100		0.027
F		0
F		0
C2	mil E	0.056
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0.042
Water ep		0
Col cen		0.00
Inch dep		0.014
Waste Pl		0

Inv NET	mil E	3.31
Tr Pump		0.02
Tr NET		0.00
PT		0.00
Dist NET		3.30
CT		0.00
TOTAL	mil E	3.40

Fuelcosts	mil E	
coal		6.052823
gas		12.17072
biomass		0
waste H		0
others		0.486024
TOTAL		18.70936
Fuel cons		
gsE3Mc/y		42621.88
Coal t/y		208655.2
biom t/y		0
gas TJ/y		1516.891
coal TJ/y		1442.772
biom TJ/y		0
Total TJ/y		2959.663

O&Mcos	mil E	
Tpump&is		0.782347
D pump		0.376802
DESOX		0
Free		0
1st Depr		0.94
Sal		4.33
Cfix		6.69315
Others		0
TOTAL		13.12444
Electr inc	mil E	
C1		0
C2		7.120232
Total		7.120232
CO2 inc	mil E	0.251097

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOiCAFC1	NOi CAC2	NO act C2	NO re C2	NOxi CAF1	NOxi CAF2	NOxi CAF3	NOxi CAF4	NOxi CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	6693.15	0	0	0	0	0.00	2010	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00		0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef		
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y		
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	29	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	29	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
-0.01065	1	35589.5	12561	6908	0.004897	85.5	52	90	29	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000328	0	0	1	0	0	3.08E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	30794.54	30794.54	1	28.0944
0	1	35589.5	12561	6908	497.1565	73.4819	52	90	29	87	39.55	86	304.6227	282.6225	587.2452	18.1208	1.878467	0	1.878467	0	0	67	33.30949	0	0	0	1	1	0	0	0	0		
0	1	35589.5	12561	6908	352.278	83.25792	52	90	29	87	39.55	86	0	325.8882	325.8882	0	0	0	0	0	0	67	23.80263	0	0	0	1	0	0	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.450391	35589.5	12561	6908	1529.678	42.54634	52	90	29	87	39.55	86	487.4128	442.5367	1258.946	-15.6684	0	0	0	0	3258.247	260	397.7946	250	214.1362	0	1	1	97862.6	41748.52	35477.25	0	1	102.9662
0	0.85	35589.5	12561	6908	383.9824	82.1352	52	90	33	87	39.55	86	119.7908	327.6466	447.4459	15.22967	0.576717	0.101774	0.155714	0.421004	787.3087	260	91.92489	250	48.55492	0	1	1	0	1668.42	9454.38	9454.38	1	52.07436
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.48E-05	0	7.41E-07	1.41E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432
0	0	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908		0	52	90	29	87	39.55	86	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.455196	0.101774	TotelcogG 2.034181	TotelcogS 0.421018									97903.41	43417.84	75726.42	40249.16		

mil E 0.652739

Products		
Heat sold	TJ/y	923
Losses	TJ/y	430
Heat C1	TJ/y	3.428617
Heat C2	TJ/y	1187.213
Heat CT	TJ/y	182.36
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	119144.4
El Cogen	MWh/y	75726.42
El hef Cog	MWh/y	40249.16
El Tot	MWh/y	119144.4

Emmiss		
CO2	t/y	219861
SO2 C2	t/y	4013.738
NOx C1	t/y	0.601263
NOx C2	t/y	548.9308
Dust C2	t/y	265.6904
Emm lim		
CO2	t/y	235000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	12.045
C 1	mil E	5.635
F		0
LOilTank		0
F		0
CAF 100		5.636
F		0
F		0
C2	mil E	6.41
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		1
Comb Cy		5
Water ep		0
Col cen		0.00
Inch dep		0.41
Waste Pl		0

Inv NET	mil E	7.05
Tr Pump		1.35
Tr NET		0.00
PT		0.00
Dist NET		5.70
CT		0.00
TOTAL	mil E	19.10

Fuelcosts	mil E	
coal		5.651781
gas		12.7351
biomass		0
waste H		0
others		0.525007
TOTAL		19.11186
Fuel cons		
gsE3Mc/y		42641.97
Coal t/y		201924.1
biom t/y		0
gas TJ/y		1517.608
coal TJ/y		1394.692
biom TJ/y		0
Total TJ/y		2912.498

O&Mcos	mil E	
Tpump&is		0.780314
D pump		0.388015
DESOX		0
Free		0
1st Depr		0.88
Sal		4.48185
Cfix		8.68515
Others		0
TOTAL		13.20892
Electr inc	mil E	
C1		0
C2		7.267465
Total		7.267465
CO2 inc	mil E	0.378474

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOiCAFC1	NOi CAC2	NO act C2	NO re C2	NOxi CAF1	NOxi CAF2	NOxi CAF3	NOxi CAF4	NOxi CAF5	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 8 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	6693.15	0	0	0	0	0.00	2011	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00		0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef		
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y		
-1.25488	1	35589.5	12561	6908	0.578876	90	52	90	29	87	39.55	86	0	0.578876	0.578876	0	0	0	0	0	0	67	0.038651	0	0	1	0	0	3.63E-15	0	0	0		
-9.614	1	35589.5	12561	6908	4.419611	90	52	90	29	87	39.55	86	0	4.419611	4.419611	0	0	0	0	0	0	67	0.296114	0	0	1	0	0	2.78E-14	0	0	0		
-609.804	1	35589.5	12561	6908	280.3304	85.5	52	90	29	87	39.55	86	0	268.3139	266.3139	0	0	0	0	0	0	67	18.78214	0	0	1	0	0	1.76E-12	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	34230.19	34230.19	1	28.0944
0	1	35589.5	12561	6908	521.2601	73.72291	52	90	29	87	39.55	86	330.8181	290.0661	620.8821	19.11176	2.224963	0	2.224963	0	0	67	34.92443	0	0	0	1	1	0	0	0	0		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	10.28141	10.28141	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307604	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288609	0	0	0	1	0	0	0	0	0	0	0
0	0.446172	35589.5	12561	6908	1583.238	42.78951	52	90	29	87	39.55	86	869.1987	440.8531	1310.052	-16.1985	0	0	0	0	3324.174	260	406.4422	250	218.7903	0	1	1	101007.3	43569.9	35342.26	0	1	100.5533
0	0.85	35589.5	12561	6908	375.1756	82.1352	52	90	33	87	39.55	86	127.1088	305.206	432.3148	15.22967	0.652044	0.115067	0.176052	0.475992	803.5292	260	97.54586	250	52.57917	0	1	1	0	1770.255	10031.45	10031.45	1	54.07725
0	1	35589.5	12561	6908	0.005096	99.31704	52	90	33	87	39.55	86	0.002563	0.004858	0.007421	45.60887	1.58E-05	0	7.9E-07	1.5E-05	0.014008	260	0.001325	250	0.000752	0	1	1		0	0.242963	0.242963	1	1.702432

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef		
0	0	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.877022	0.115067	TotelcogG	TotelcogS									101048.1	45640.16	79604.17	44261.88		
																			2.401015	0.476007														

mil E 0.566749

Products		
Heat sold	TJ/y	923
Losses	TJ/y	410.5
Heat C1	TJ/y	249.7964
Heat C2	TJ/y	923.6836
Heat CT	TJ/y	160.02
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	125244.3
El Cogen	MWh/y	79604.17
El hef Cog	MWh/y	44261.88
El Tot	MWh/y	125244.3

Emmiss		
CO2	t/y	222765.1
SO2 C2	t/y	4130.688
NOx C1	t/y	19.11721
NOx C2	t/y	539.2022
Dust C2	t/y	271.3702
Emm lim		
CO2	t/y	235000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	0.558
C 1	mil E	0.558
F		0
LOilTank		0
F		0
CAF 100		0.558
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	4.79
Tr Pump		0.51
Tr NET		0.00
PT		0.00
Dist NET		4.28
CT		0.00
TOTAL	mil E	5.35

Fuelcosts	mil E
coal	6.022254
gas	14.38332
biomass	0
waste H	0
others	0.541267
TOTAL	20.92684
Fuel cons	
gsE3Mc/y	41766.21
Coal t/y	207807.2
biom t/y	0
gas TJ/y	1486.439
coal TJ/y	1435.532
biom TJ/y	0
Total TJ/y	2921.971

O&Mcos	mil E
Tpump&is	0.818566
D pump	0.39855
DESOX	0
Free	0
Ist Depr	0.78
Sal	4.62496
Cfix	8.69316
Others	0
TOTAL	13.31973
Electr Inc mil E	
C1	0
C2	8.140518
Total	8.140518
CO2 Inc mil E	0.317588

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	6693.15	512	0	0	0	0.00	2012	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y		
-1.25488	1	35589.5	12561	6908	0.576876	90	52	90	29	87	39.55	86	0	0.576876	0.576876	0	0	0	0	0	0	67	0.038651	0	0	1	0	0	3.63E-15	0	0	0		
-9.814	1	35589.5	12561	6908	4.419611	90	52	90	29	87	39.55	86	0	4.419611	4.419611	0	0	0	0	0	0	67	0.296114	0	0	1	0	0	2.78E-14	0	0	0		
-590.748	1	35589.5	12561	6908	271.5701	85.5	52	90	29	87	39.55	86	0	257.9916	257.9916	0	0	0	0	0	0	67	18.19519	0	0	1	0	0	1.71E-12	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.0212	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944
-0.01012	1	35589.5	12561	6908	0.004652	90	52	90	33	87	39.55	86	0	0.004652	0.004652	0	0	0	0	0	0	67	0.000312	0	0	1	0	0	2.92E-17	0	0	0		
0	0	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	0	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	0	-48.3687	0	0	0	1	28.0944
0	1	35589.5	12561	6908	507.1923	73.64461	52	90	29	87	39.55	86	318.5532	284.0647	602.6178	18.81447	2.226274	0	2.226274	0	0	67	33.98188	0	0	0	1	1	0	0	32739.32	32739.32		
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	9.374228	9.374228	0	0	0	0	0	0	67	0	0	0	0	1	0	0	0	0	0		
-5.58435	1	35589.5	12561	6908	4.307804	92	52	90	29	87	39.55	86	0	4.403328	4.403328	0	0	0	0	0	0	67	0.288809	0	0	0	1	0	0	0	0	0	0	0
0	0.446172	35589.5	12561	6908	1563.239	42.78951	52	90	29	87	39.55	86	1069.199	440.8531	1510.052	-16.1163	0	0	0	0	3324.174	260	408.4422	250	218.7903	0	1	1	101007.3	45889.9	35342.28	0	1	400.5533
0	0.85	35589.5	12561	6908	376.1756	82.1362	52	90	33	87	39.55	86	127.1068	305.206	432.3148	15.22987	0.682138	0.120377	0.184177	0.497961	803.5282	260	97.84586	250	52.57917	0	1	1	0	1770.255	10031.45	10031.45	1	34.07725
0	1	35589.5	12561	6908	0.006096	99.51704	52	90	33	87	39.55	86	0.002565	0.004855	0.007421	45.80887	1.69E-05	0	4.26E-07	1.57E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242663	0.242663	1	1.702432
0	0	35589.5	12561	6908	0.006846	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.11174	0	0	0	0	0
0	0	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	2.908429	0.120377	TotelcogG	TotelcogS									101048.1	45640.18	78113.29	42771.01		
																			2.410452	0.497977														

mil E 0.474155

Products		
Heat sold	TJ/y	923
Losses	TJ/y	391
Heat C1	TJ/y	236.8541
Heat C2	TJ/y	917.4659
Heat CT	TJ/y	157.88
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	123753.4
El Cogen	MWh/y	78113.29
El hef Cog	MWh/y	42771.01
El Tot	MWh/y	123753.4

Emmiss		
CO2	t/y	221493
SO2 C2	t/y	4130.668
NOx C1	t/y	15.53027
NOx C2	t/y	538.2587
Dust C2	t/y	271.3702
Emm lim		
CO2	t/y	235000
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	0.748
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0.748
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0.748
Waste Pl		0

Inv NET	mil E	3.98
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		3.98
CT		0.00
TOTAL	mil E	4.73

Fuelcosts	mil E
coal	6.022254
gas	14.11069
biomass	0
waste H	0
others	0.53304
TOTAL	20.66598
Fuel cons	
gsE3Mc/y	41054.31
Coal t/y	207807.2
biom t/y	0
gas TJ/y	1461.102
coal TJ/y	1435.532
biom TJ/y	0
Total TJ/y	2896.635

O&Mcos	mil E
Tpump&is	0.632737
D pump	0.407661
DESOX	0
Free	0
Ist Depr	0.86
Sal	4.754458
Cfix	7.20518
Others	0
TOTAL	13.85665
Electr Inc mil E	
C1	0
C2	8.414855
Total	8.414856
CO2 Inc mil E	0.364589

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	6693.15	173	0	0	0	0.00	2013	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.35	1	35589.5	12561	6908	0.465222	90	52	90	29	87	39.55	86	0	0.465222	0.465222	0	0	0	0	0	0	40	0.018609	0	0	1	0	0	2.92E-15	0	0	0
-2.8875	1	35589.5	12561	6908	3.838083	90	52	90	29	87	39.55	86	0	3.838083	3.838083	0	0	0	0	0	0	40	0.153523	0	0	1	0	0	2.41E-14	0	0	0
-6.7375	1	35589.5	12561	6908	8.955528	90	52	90	29	87	39.55	86	0	8.955528	8.955528	0	0	0	0	0	0	40	0.358221	0	0	1	0	0	5.63E-14	0	0	0
-13.7375	1	35589.5	12561	6908	18.25997	90	52	90	29	87	39.55	86	0	18.25997	18.25997	0	0	0	0	0	0	40	0.730399	0	0	1	0	0	1.15E-13	0	0	0
-37.0125	1	35589.5	12561	6908	49.19725	90	52	90	33	87	39.55	86	0	49.19725	49.19725	0	0	0	0	0	0	40	1.96789	0	0	0	1	0	3.09E-13	0	0	0
-76.825	1	35589.5	12561	6908	102.1163	90	52	90	33	87	39.55	86	0	102.1163	102.1163	0	0	0	0	0	0	40	4.084651	0	0	0	1	0	6.42E-13	0	0	0
-370.09	1	35589.5	12561	6908	491.926	90	52	90	29	87	39.55	86	0	491.926	491.926	0	0	0	0	0	0	40	19.67704	0	0	1	0	0	3.09E-12	0	0	0
0	1	35589.5	12561	6908	839.956	87.33658	52	90	29	87	39.55	86	563.2538	490.0845	1053.338	25.40399	5.525241	0	5.525241	0	0	40	33.59824	0	0	0	1	1	0	0	81253.54	81253.54
0	1	35589.5	12561	6908	235.9906	49.80249	52	90	29	87	39.55	86	32.10558	112.6094	144.7149	-38.6777	0.305637	0	0.305637	0	0	40	8.439624	0	0	0	1	1	6909.349	0	4494.86	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	5.830878	0	TotelcogG	TotelcogS									6909.349	0	85748.2	81253.54
																			5.830878	0												

mil E 0.850044

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	460.5533
Heat C2	TJ/y	678.5087

Emmiss		
CO2	t/y	6909.349
SO2 C2	t/y	0
NOx C1	t/y	20.93779
NOx C2	t/y	46.0904

Inv LCP	mil E	1.766
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0

Inv NET	mil E	4.54
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		4.54
CT		0.00

Fuelcosts	mil E
coal	0
gas	18.75165
biomass	0

O&Mcos	mil E
Tpump&is	0.798324
D pump	0.406677
DESOX	0
Free	0

Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	85748.2
El Cogen	MWh/y	85748.2
El hef Cog	MWh/y	81253.64
El Tot	MWh/y	85748.2

Dust C2	t/y	0
Emm lim		
CO2	t/y	
SO2 C2	t/y	
NOx C1	t/y	
NOx C2	t/y	
Dust C2	t/y	
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

		Relative
		0.00
		20
		0.00
		22.00

F		0
F		0
C2	mil E	1.756
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		1.756
Waste Pl		0

TOTAL	mil E	6.30

waste H		0
others		0.628357
TOTAL		19.38101
Fuel cons		
gsE3Mc/y		53869.62
Coal t/y		0
biom t/y		0
gas TJ/y		1917.2
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1917.2

Ist Depr		0.65
Sal		4.87132
Cfix		6.86615
Others		0
TOTAL		13.69457
Electr inc	mil E	
C1		0
C2		5.823137
Total		5.823137
CO2 inc	mil E	0.19346

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	S NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5033.15	173	0	0	0	0.00	2014	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187		90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472		90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917		90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.46E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736		90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464		90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	40	1.958586	0	0	1	0	0	3.08E-13	0	0	0
-78.7375	1	35589.5	12561	6908	102		90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	40	4.079999	0	0	1	0	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576		90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	1	0	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	156.8591	49.35538	52	90	29	87	39.55	86	20.40449	74.60966	95.01415	-39.4271	0.193983	0	0.193983	0	0	40	6.274363	0	0	1	0	1	4605.967	0	2852.694	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35588.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	6.16142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																					TotelcogG 6.16142	TotelcogS 0							4605.967	0	90609.12	87756.42

mil E	0.640624	
Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	449.0904
Heat C2	TJ/y	690.0896
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90609.12
El Cogen	MWh/y	90609.12
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90609.12

Emmiss		
CO2	t/y	4605.967
SO2 C2	t/y	0
NOx C1	t/y	20.52828
NOx C2	t/y	49.08337
Dust C2	t/y	0
Emm lim		
CO2	t/y	
SO2 C2	t/y	
NOx C1	t/y	
NOx C2	t/y	
Dust C2	t/y	
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

		Relative
		0.00
		20
		0.00
		22.00

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		18.57043
biomass		0
waste H		0
others		0.628327
TOTAL		19.20876
Fuel cons		
gsE3Mc/y		53437.43
Coal t/y		0
biom t/y		0
gas TJ/y		1901.812
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1901.812

O&Mcos	mil E	
Tpump&is		0.788119
D pump		0.406677
DESOX		0
Free		0
Ist Depr		0.84
Sal		4.985406
Cfix		5.20615
Others		0
TOTAL		12.03658
Electr inc	mil E	
C1		0
C2		6.153497
Total		6.153497
CO2 inc	mil E	0.13357

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	S NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5033.15	173	0	0	0	0.00	2015	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187		90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472		90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917		90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.46E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736		90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464		90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	40	1.958586	0	0	1	0	0	3.08E-13	0	0	0
-78.7375	1	35589.5	12561	6908	102		90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	40	4.079999	0	0	1	0	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576		90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	1	0	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	155.8911	48.88033	52	90	29	87	39.55	86	19.29067	73.8959	93.18657	-40.2233	0.183105	0	0.183105	0	0	40	6.235644	0	0	1	0	1	4591.731	0	2692.715	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35588.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	6.150541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																					TotelcogG 6.150541	TotelcogS 0							4591.731	0	90449.14	87756.42

mil E	0.506251	
Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	449.7326
Heat C2	TJ/y	689.4272
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90449.14
El Cogen	MWh/y	90449.14
El hef Cog	MWh/y	87756.42

Emmiss		
CO2	t/y	4591.731
SO2 C2	t/y	0
NOx C1	t/y	20.52828
NOx C2	t/y	49.04485
Dust C2	t/y	0
Emm lim		
CO2	t/y	
SO2 C2	t/y	
NOx C1	t/y	
NOx C2	t/y	
Dust C2	t/y	
EM verif		
CO2 limit		WRONG

		Relative
		0.00
		20
		0.00
		22.00

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		18.57075
biomass		0
waste H		0
others		0.626073
TOTAL		19.19682
Fuel cons		
gsE3Mc/y		53410.23
Coal t/y		0
biom t/y		0
gas TJ/y		1900.844
coal TJ/y		0

O&Mcos	mil E	
Tpump&is		0.799075
D pump		0.406677
DESOX		0
Free		0
Ist Depr		0.51
Sal		4.985406
Cfix		5.20615
Others		0
TOTAL		11.90258
Electr inc	mil E	
C1		0
C2		6.142818
Total		6.142818

El Tot	MWh/y	90449.14

SO2 C2	OK
NOx C1	WRONG
NOx C2	OK
Dust C2	OK

Col cen	0.00
Inch dep	0
Waste Pl	0

biom TJ/y	0
Total TJ/y	1900.844

CO2 Inc mil E -0.13775

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5033.15	173	0	0	0	0.00	2016	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.83E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-38.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3496	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.139775												4577.122	0	90290.82	87756.42

TotelcogG	TotelcogS
6.139775	0

mil E 0.498541

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	688.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		Relative
CO2	t/y	0.00
SO2 C2	t/y	20
NOx C1	t/y	0.00
NOx C2	t/y	22.00
Dust C2	t/y	
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62562
TOTAL	19.18782
Fuel cons	
gsE3Mc/y	53382.85
Coal t/y	0
biom t/y	0
gas TJ/y	1899.869
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1899.869

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406677
DESOX	0
Free	0
Ist Depr	0.50
Sal	4.865406
Cfix	5.20815
Others	0
TOTAL	11.89481
Electr Inc	mil E
C1	0
C2	6.132052
Total	6.132052
CO2 Inc mil E	-0.14189

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	5033.15	685	0	0	0	0.00	2017	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.83E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-38.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3496	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.139775												4577.122	0	90290.82	87756.42

TotelcogG	TotelcogS
6.139775	0

mil E 0.448617

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	688.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		Relative
CO2	t/y	0.00
SO2 C2	t/y	20
NOx C1	t/y	0.00
NOx C2	t/y	22.00
Dust C2	t/y	
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62582
TOTAL	19.18782
Fuel cons	
gsE3Mc/y	53382.85
Coal t/y	0
biom t/y	0
gas TJ/y	1899.869
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1899.869

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406677
DESOX	0
Free	0
Ist Depr	0.45
Sal	4.865406
Cfix	5.71815
Others	0
TOTAL	12.35688
Electr Inc	mil E
C1	0
C2	6.132052
Total	6.132052
CO2 Inc mil E	-0.14647

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	4991.15	173	0	0	0	0.00	2018	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196858	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.139775	0											4577.122	0	90290.82	87756.42

TotelcogG 6.139775 TotelcogS 0

mil E 0.377457

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	688.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.456
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	48.00567
Dust C2	t/y	0
Emm lim		Relative
CO2	t/y	0.00
SO2 C2	t/y	20
NOx C1	t/y	0.00
NOx C2	t/y	22.00
Dust C2	t/y	
EM verif		
CO2 lim		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0.00
Col cen		0
Inch dep		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62582
TOTAL	19.18762
Fuel cons	
gsE3Mc/y	53382.85
Coal t/y	0
biom t/y	0
gas TJ/y	1899.869
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1899.869

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406877
DESOX	0
Free	0
Ist Depr	0.38
Sal	4.985406
Cfix	5.16415
Others	0
TOTAL	11.73172
Electr inc	mil E
C1	0
C2	6.139775
Total	6.139775
CO2 inc	0.13105

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	Waste Pl Th(e3) E/y	Th(e3) E/y	mg/Nmc	NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0.x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	4991.15	173	0	0	0	0.00	2019	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0.00	0	0 150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196858	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.139775	0											4577.122	0	90290.82	87756.42

TotelcogG 6.139775 TotelcogS 0

mil E 0.324862

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	688.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.456
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	48.00567
Dust C2	t/y	0
Emm lim		Relative
CO2	t/y	0.00
SO2 C2	t/y	20
NOx C1	t/y	0.00
NOx C2	t/y	22.00
Dust C2	t/y	
EM verif		
CO2 lim		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0.00
Col cen		0
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62582
TOTAL	19.18762
Fuel cons	
gsE3Mc/y	53382.85
Coal t/y	0
biom t/y	0
gas TJ/y	1899.869
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1899.869

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406877
DESOX	0
Free	0
Ist Depr	0.32
Sal	4.985406
Cfix	5.16415
Others	0
TOTAL	11.67683
Electr inc	mil E
C1	0
C2	6.139775
Total	6.139775
CO2 inc	-0.15582

SalOPSEC Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0.x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	4991.15	173	0	0	0	0.00	2020	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0.00	0	0 150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35588.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.139775	0	TotelcogG	TotelcogS									4577.122	0	90290.82	87756.42
																			6.139775	0												

mil E	0.316803				
Products			Emmiss		
Heat sold	TJ/y	923	CO2	t/y	4577.122
Losses	TJ/y	371.5	SO2 C2	t/y	0
Heat C1	TJ/y	450.3752	NOx C1	t/y	20.32928
Heat C2	TJ/y	688.7848	NOx C2	t/y	49.00567
Heat CT	TJ/y	155.34	Dust C2	t/y	0
HeatDwell	TJ/y	791.5648	Emm lim		
HeatPublic	TJ/y	31.382	CO2	t/y	Relative
H Industrie	TJ/y	0	SO2 C2	t/y	0.00
H Services	TJ/y	30.459	NOx C1	t/y	20
El Tot C1	MWh/y	0	NOx C2	t/y	0.00
El Tot C2	MWh/y	90290.82	Dust C2	t/y	22.00
El Cogen	MWh/y	90290.82	EM verif		
El hef Cog	MWh/y	87756.42	CO2 limit		WRONG
El Tot	MWh/y	90290.82	SO2 C2		OK
			NOx C1		WRONG
			NOx C2		OK
			Dust C2		OK

Inv LCP	mil E		Inv NET	mil E	0.00
C 1	mil E	0	Tr Pump		0.00
F		0	Tr NET		0.00
LOilTank		0	PT		0.00
F		0	Dist NET		0.00
CAF 100		0	CT		0.00
F		0	TOTAL	mil E	0.00
F		0			
C2	mil E	0			
St boil 15 t/h		0			
LOilTank		0			
F		0			
GAS duct		0			
Comb Cy		0			
Water ep		0			
Col cen		0.00			
Inch dep		0			
Waste Pl		0			

Fuelcosts	mil E		O&Mcos	mil E	
coal		0	Tpump&is		0.798032
gas		18.562	D pump		0.406677
biomass		0	DESOX		0
waste H		0	Free		0
others		0.82562	1st Depr		0.32
TOTAL		19.18762	Sal		4.985406
Fuel cons			Cfix		5.16415
gsE3Mc/y		53382.85	Others		0
Coal t/y		0	TOTAL		11.67107
biom t/y		0	Electr inc	mil E	
gas TJ/y		1899.869	C1		0
coal TJ/y		0	C2		6.139775
biom TJ/y		0	Total		6.139775
Total TJ/y		1899.869	CO2 inc	mil E	-0.1602

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	4991.15	173	0	0	0	0.00	2021	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96484	90	52	90	33	87	39.55	86	0	48.96484	48.96484	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908													6.139775	0	TotelcogG	TotelcogS									4577.122	0	90290.82	87756.42
																			6.139775	0												

mil E	0.316243				
Products			Emmiss		
Heat sold	TJ/y	923	CO2	t/y	4577.122
Losses	TJ/y	371.5	SO2 C2	t/y	0
Heat C1	TJ/y	450.3752	NOx C1	t/y	20.32928
Heat C2	TJ/y	688.7848	NOx C2	t/y	49.00567
Heat CT	TJ/y	155.34	Dust C2	t/y	0
HeatDwell	TJ/y	791.5648	Emm lim		
HeatPublic	TJ/y	31.382	CO2	t/y	Relative
H Industrie	TJ/y	0	SO2 C2	t/y	0.00
H Services	TJ/y	30.459	NOx C1	t/y	20
El Tot C1	MWh/y	0	NOx C2	t/y	0.00
El Tot C2	MWh/y	90290.82	Dust C2	t/y	22.00
El Cogen	MWh/y	90290.82	EM verif		
El hef Cog	MWh/y	87756.42	CO2 limit		WRONG
El Tot	MWh/y	90290.82	SO2 C2		OK
			NOx C1		WRONG
			NOx C2		OK
			Dust C2		OK

Inv LCP	mil E		Inv NET	mil E	0.00
C 1	mil E	0	Tr Pump		0.00
F		0	Tr NET		0.00
LOilTank		0	PT		0.00
F		0	Dist NET		0.00
CAF 100		0	CT		0.00
F		0	TOTAL	mil E	0.00
F		0			
C2	mil E	0			
St boil 15 t/h		0			
LOilTank		0			
F		0			
GAS duct		0			
Comb Cy		0			
Water ep		0			
Col cen		0.00			
Inch dep		0			
Waste Pl		0			

Fuelcosts	mil E		O&Mcos	mil E	
coal		0	Tpump&is		0.798032
gas		18.562	D pump		0.406677
biomass		0	DESOX		0
waste H		0	Free		0
others		0.82562	1st Depr		0.32
TOTAL		19.18762	Sal		4.985406
Fuel cons			Cfix		5.16415
gsE3Mc/y		53382.85	Others		0
Coal t/y		0	TOTAL		11.67051
biom t/y		0	Electr inc	mil E	
gas TJ/y		1899.869	C1		0
coal TJ/y		0	C2		6.139775
biom TJ/y		0	Total		6.139775
Total TJ/y		1899.869	CO2 inc	mil E	-0.16478

SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C1 Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC1 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF1 0 or 1	NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	4991.15	685	0	0	0	0.00	2022	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	87	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																550mg	250mg							450mg	200mg									

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96484	90	52	90	33	87	39.55	86	0	48.96484	48.96484	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908													6.139775	0	TotelcogG	TotelcogS									4577.122	0	90290.82	87756.42

mil E 0.313851

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	888.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5848
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	50.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 lim		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E
C 1	mil E
F	
LOilTank	
F	
CAF 100	
F	
F	
C2	mil E
St boil 15 t/h	
LOilTank	
F	
GAS duct	
Comb Cy	
Water ep	
Col cen	
inch dep	
Waste Pl	

0 Inv NET	mil E	0.00
0 Tr Pump		0.00
0 Tr NET		0.00
0 PT		0.00
0 Dist NET		0.00
0 CT		0.00
0 TOTAL	mil E	0.00

6.139775 0

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62582
TOTAL	19.18782
Fuel cons	
gsE3Mc/y	53382.85
Coal t/y	0
biom t/y	0
gas TJ/y	1899.869
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1899.869

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406677
DESOX	0
Free	0
Ist Depr	0.31
Sal	4.985406
Cfix	5.87615
Others	0
TOTAL	12.17962
Electr Inc	mil E
C1	0
C2	6.139775
Total	6.139775
CO2 Inc	mil E -0.16935

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S	NOiCAFC2	NOi CAC2	NO act C2	NO re C2	NOxi CAF'	NOxi CAF'	NOxi CAF'	NOxi CAF'	NOxi CAF'	NOxi CAF'	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	4991.15	173	0	0	0	0	0.00	2023	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-8.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	33	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	1	0	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	29	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	1	0	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	1	0	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	1	0	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
																					6.139775								4577.122	0	90290.82	87756.42

0 TotelcogG	TotelcogS	
6.139775	0	

mil E 0.30487

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	888.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5848
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	50.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 lim		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E
C 1	mil E
F	
LOilTank	
F	
CAF 100	
F	
F	
C2	mil E
St boil 15 t/h	
LOilTank	
F	
GAS duct	
Comb Cy	
Water ep	
Col cen	
inch dep	
Waste Pl	

0 Inv NET	mil E	0.00
0 Tr Pump		0.00
0 Tr NET		0.00
0 PT		0.00
0 Dist NET		0.00
0 CT		0.00
0 TOTAL	mil E	0.00

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62582
TOTAL	19.18782
Fuel cons	
gsE3Mc/y	53382.85
Coal t/y	0
biom t/y	0
gas TJ/y	1899.869
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1899.869

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406677
DESOX	0
Free	0.30
Ist Depr	4.985406
Sal	5.16415
Cfix	0
Others	11.55914
TOTAL	
Electr Inc	mil E
C1	0
C2	6.139775
Total	6.139775
CO2 Inc	mil E -0.17393

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S	NOiCAFC2	NOi CAC2	NO act C2	NO re C2	NOxi CAF'	NOxi CAF'	NOxi CAF'	NOxi CAF'	NOxi CAF'	NOxi CAF'	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	4991.15	173	0	0	0	0	0.00	2024	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg									

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-8.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	33	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	1	0	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	29	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	1	0	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	1	0	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	1	0	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	1	0	1	0	0	0	0
																					6.139775								4577.122	0	90290.82	87756.42

0 TotelcogG	TotelcogS	
6.139775	0	

mil E 0.304777

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	888.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5848
HeatPublic	TJ/y	31.382

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative

Inv LCP	mil E
C 1	mil E
F	
LOilTank	
F	
CAF 100	
F	
F	
C2	mil E

0 Inv NET	mil E	0.00
0 Tr Pump		0.00
0 Tr NET		0.00
0 PT		0.00
0 Dist NET		0.00
0 CT		0.00
0 TOTAL	mil E	0.00
0		
0		

Fuelcosts	mil E
coal	0
gas	18.562
biomass	0
waste H	0
others	0.62582
TOTAL	19.18782

O&Mcos	mil E
Tpump&is	0.798032
D pump	0.406677
DESOX	0
Free	0.30
Ist Depr	4.985406
Sal	5.16415
Cfix	

H Industrie	TJ/y	0	SO2 C2	t/y	0.00	St boil 15 t/h	0
H Services	TJ/y	30.459	NOx C1	t/y	20	LOilTank	0
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	F	0
El Tot C2	MWh/y	90290.82	Dust C2	t/y	22.00	GAS duct	0
El Cogen	MWh/y	90290.82	EM verif			Comb Cy	0
El hef Cog	MWh/y	87756.42	CO2 limit		WRONG	Water ep	0
El Tot	MWh/y	90290.82	SO2 C2		OK	Col cen	0.00
			NOx C1		WRONG	Inch dep	0
			NOx C2		OK		
			Dust C2		OK	Waste Pl	0

Fuel cons		
gsE3Mc/y	53382.85	
Coal t/y	0	
biom t/y	0	
gas TJ/y	1899.869	
coal TJ/y	0	
biom TJ/y	0	
Total TJ/y	1899.869	

Others		0
TOTAL		11.65904
Electr inc	mil E	
C1		0
C2		6.139775
Total		6.139775
CO2 Inc	mil E	-0.17851

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S	NOxCAFC	NOx CAC2	NO act C2	NO re C2	NOx CAF	NOx CAF	NOx CAF	NOx CAF	NOx CAF	NOx CAF	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	4991.15	173	0	0	0	0.00	2025	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg										

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																													4577.122	0	90290.82	87756.42
																		6.139775		TotelcogG	TotelcogS											
																				6.139775	0											

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		16.562
biomass		0
waste H		0
others		0.82582
TOTAL		19.18782
Fuel cons		
gsE3Mc/y		53382.85
Coal t/y		0
biom t/y		0
gas TJ/y		1899.869
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1899.869

O&Mcos	mil E	
Tpump&is		0.798032
D pump		0.406877
DESOX		0
Free		0
Ist Depr		0.25
Sal		4.985406
Cfix		5.16415
Others		0
TOTAL		11.60736
Electr inc	mil E	
C1		0
C2		6.139775
Total		6.139775
CO2 Inc	mil E	-0.18308

mil E 0.253091

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	698.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S	NOxCAFC	NOx CAC2	NO act C2	NO re C2	NOx CAF	NOx CAF	NOx CAF	NOx CAF	NOx CAF	NOx CAF	NO md C1	NO act C1	NOx re C1	PIN1 C1	PIN12 C1	PIN123 C1	PIN1234C	N12345C1	PI N 6 C2	PI S 6C2	PI D 6 C2	PI N 7 C2
Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	0 or 1		Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	mg/Nmc	0 or 1(act)	0 or 1(act)	0 or 1(act)	g/GJ	g/GJ	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0,x	g/GJ	g/GJ	t	t	t	t	t	t	t	t	t
0	4991.15	173	0	0	0	0.00	2026	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg										

El cump	Cota elcog	Qi gaz	Qi Bio	Qi carb	Comb	Effic limit	Effs el g	Effs T g	Effs el b	Effs T b	Effs el c	Effs T c	CombrefE	CombrefT	Combref	Eccombef	Vl e cog	Vl e cd	Vl e cog g	Vlecogc+b	SO2	NOx	NOx	Dust	Dust	Marc pl 1	Marc pl 2	Marc elect	CO2 2013	El cd	El cog	El cog hef
MWh/y		kJ/Nmc	kJ/kg	kJ/kg	TJ/y	%	%	%	%	%	%	%	TJ/y	TJ/y	TJ/y	%	mil E/y	mil E/y	mil E/y	mil E/y	t/y	g/GJ	t/y	mg/Nmc	t/y				t/y	MWh/y	MWh/y	MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2606	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																													4577.122	0	90290.82	87756.42
																		6.139775		TotelcogG	TotelcogS											
																				6.139775	0											

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		16.562
biomass		0
waste H		0
others		0.82582
TOTAL		19.18782
Fuel cons		
gsE3Mc/y		53382.85
Coal t/y		0
biom t/y		0
gas TJ/y		1899.869
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1899.869

O&Mcos	mil E	
Tpump&is		0.798032
D pump		0.406877
DESOX		0
Free		0.20
Ist Depr		4.985406
Sal		5.16415
Cfix		0
Others		0
TOTAL		11.55567
Electr inc	mil E	
C1		0
C2		6.139775
Total		6.139775
CO2 Inc	mil E	-0.18308

mil E 0.202403

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	698.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5648
HeatPublic	TJ/y	31.382
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00567
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative
SO2 C2	t/y	0.00
NOx C1	t/y	20
NOx C2	t/y	0.00
Dust C2	t/y	22.00
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK

Dust C2 | OK | Waste Pl | 0

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0	4991.15	685	0	0	0	0.00	2027	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00 550mg	67.00 250mg	0.00	0.00	0.00	0.00	0	0	150 450mg	67 200mg	0.0	0	0	20	0	0.00	0.00	22.00	0.00

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	919.2605	87.35019	52	90	29	87	39.55	86	608.3498	541.1698	1149.52	25.04827	5.967437	0	5.967437	0	0	40	36.77042	0	0	0	1	1	0	0	87756.42	87756.42
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.139775	0	TotelcogG 6.139775	TotelcogS 0									4577.122	0	90290.82	87756.42

mil E 0.182

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	688.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5848
HeatPublic	TJ/y	31.362
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	90290.82
El Cogen	MWh/y	90290.82
El hef Cog	MWh/y	87756.42
El Tot	MWh/y	90290.82

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	49.00587
Dust C2	t/y	0
Emm lim		Relative
CO2	t/y	0.00
SO2 C2	t/y	20
NOx C1	t/y	0.00
NOx C2	t/y	22.00
Dust C2	t/y	
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		18.562
biomass		0
waste H		0
others		0.62582
TOTAL		19.18782
Fuel cons		
gsE3Mc/y		53382.85
Coal t/y		0
biom t/y		0
gas TJ/y		1899.869
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1899.869

O&Mcos	mil E	
Tpump&is		0.796032
D pump		0.406877
DESOX		0
Free		0
Ist Depr		0.16
Sal		4.985406
Cfix		5.67615
Others		0
TOTAL		12.04827
Electr inc	mil E	
C1		0
C2		6.139775
Total		6.139775
CO2 inc	mil E	-0.18308

SalOPSE Th(e3) E/y	Cfix C1 Th(e3) E/y	Cfix C2 Th(e3) E/y	Cfix PT Th(e3) E/y	Cfix CT Th(e3) E/y	CfixOPSE Th(e3) E/y	Cor Pomp 0 or 1	An	Amortiz C' Th(e3) E/y	AmortizC2 Th(e3) E/y	AmortizPT Th(e3) E/y	AmortizCT Th(e3) E/y	AmOPSE Th(e3) E/y	SO2 lim mg/Nmc	NOiCAFC 0 or 1(act)	NOi CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NOxi CAF 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t
0.00	4991.15	173	0	0	0	0	2028	0.144054	0	0	0	0	0	0	0	150 550mg	67 250mg	0	0	0	0	0	0	150 450mg	67 200mg	0	0	0	20	0	0	0	22	0

El cump MWh/y	Cota elcog	Qi gaz kJ/Nmc	Qi Bio kJ/kg	Qi carb kJ/kg	Comb TJ/y	Effic limit %	Effs el g %	Effs T g %	Effs el b %	Effs T b %	Effs el c %	Effs T c %	CombrefE TJ/y	CombrefT TJ/y	Combref TJ/y	Eccombef %	Vl e cog mil E/y	Vl e cd mil E/y	Vl e cog g mil E/y	Vlecogc+b mil E/y	SO2 t/y	NOx g/GJ	NOx t/y	Dust mg/Nmc	Dust t/y	Marc pl 1	Marc pl 2	Marc elect	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.315	1	35589.5	12561	6908	0.4187	90	52	90	29	87	39.55	86	0	0.4187	0.4187	0	0	0	0	0	0	40	0.016748	0	0	1	0	0	2.63E-15	0	0	0
-2.7125	1	35589.5	12561	6908	3.605472	90	52	90	29	87	39.55	86	0	3.605472	3.605472	0	0	0	0	0	0	40	0.144219	0	0	1	0	0	2.27E-14	0	0	0
-6.5625	1	35589.5	12561	6908	8.722917	90	52	90	29	87	39.55	86	0	8.722917	8.722917	0	0	0	0	0	0	40	0.348917	0	0	1	0	0	5.48E-14	0	0	0
-13.5625	1	35589.5	12561	6908	18.02736	90	52	90	29	87	39.55	86	0	18.02736	18.02736	0	0	0	0	0	0	40	0.721094	0	0	1	0	0	1.13E-13	0	0	0
-36.8375	1	35589.5	12561	6908	48.96464	90	52	90	33	87	39.55	86	0	48.96464	48.96464	0	0	0	0	0	0	40	1.958586	0	0	0	1	0	3.08E-13	0	0	0
-76.7375	1	35589.5	12561	6908	102	90	52	90	33	87	39.55	86	0	102	102	0	0	0	0	0	0	40	4.079999	0	0	0	1	0	6.41E-13	0	0	0
-359.205	1	35589.5	12561	6908	477.4576	90	52	90	29	87	39.55	86	0	477.4576	477.4576	0	0	0	0	0	0	40	19.0983	0	0	1	0	0	3E-12	0	0	0
0	1	35589.5	12561	6908	988.4523	83.64137	52	90	29	87	39.55	86	654.1396	541.1698	1195.309	20.92738	6.416599	0	6.416599	0	0	40	39.53809	0	0	0	1	1	0	0	94361.74	94361.74
0	1	35589.5	12561	6908	154.9165	48.40528	52	90	29	87	39.55	86	18.18834	73.18213	91.37047	-41.0195	0.172339	0	0.172339	0	0	40	6.196658	0	0	0	1	1	4577.122	0	2534.394	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	40	0	0	0	0	1	1	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	33	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																	6.588937	0	TotelcogG 6.588937	TotelcogS 0									4577.122	0	96896.14	94361.74

mil E 0.144054

Products		
Heat sold	TJ/y	923
Losses	TJ/y	371.5
Heat C1	TJ/y	450.3752
Heat C2	TJ/y	688.7848
Heat CT	TJ/y	155.34
HeatDwell	TJ/y	791.5848
HeatPublic	TJ/y	31.362
H Industrie	TJ/y	0
H Services	TJ/y	30.459
El Tot C1	MWh/y	0
El Tot C2	MWh/y	96896.14
El Cogen	MWh/y	96896.14
El hef Cog	MWh/y	94361.74
El Tot	MWh/y	96896.14

Emmiss		
CO2	t/y	4577.122
SO2 C2	t/y	0
NOx C1	t/y	20.32928
NOx C2	t/y	51.77333
Dust C2	t/y	0
Emm lim		Relative
CO2	t/y	0.00
SO2 C2	t/y	20
NOx C1	t/y	0.00
NOx C2	t/y	22.00
Dust C2	t/y	
EM verif		
CO2 limit		WRONG
SO2 C2		OK
NOx C1		WRONG
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0
C 1	mil E	0
F		0
LOilTank		0
F		0
CAF 100		0
F		0
F		0
C2	mil E	0
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		0
Comb Cy		0
Water ep		0
Col cen		0.00
Inch dep		0
Waste Pl		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00
PT		0.00
Dist NET		0.00
CT		0.00
TOTAL	mil E	0.00

Fuelcosts	mil E	
coal		0
gas		19.18289
biomass		0
waste H		0
others		0.62582
TOTAL		19.80871
Fuel cons		
gsE3Mc/y		55327.01
Coal t/y		0
biom t/y		0
gas TJ/y		1969.061
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1969.061

O&Mcos	mil E	
Tpump&is		0.796032
D pump		0.406877
DESOX		0
Free		0
Ist Depr		0.14
Sal		4.985406
Cfix		5.16415
Others		0
TOTAL		11.49532
Electr inc	mil E	
C1		0
C2		6.588937
Total		6.588937
CO2 inc	mil E	-0.18308

Anexa 5B - II
Calc - 185

NOxi CAF2 0 or 1	NOxi CAF3 0 or 1	NOxi CAF4 0 or 1	NOxi CAF5 0 or 1	NO md C1 0,x	NO act C1 g/GJ	NOx re C1 g/GJ	PIN1 C1 t	PIN12 C1 t	PIN123 C1 t	PIN1234C t	N12345C1 t	PI N 6 C2 t	PI S 6C2 t	PI D 6 C2 t	PI N 7 C2 t	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00	0.00	90.00	1099.00	8132.00	263.00	0.00	0	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	127.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.042	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	5.64	0.00	0.00	0.00	0.00	1.00	0.00	0.41	0.00	5	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.56	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.75	0.00	0	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.76	0.00	0.00	0	1	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00
0.00	0.00	0.00	0.00	0.00	150.00	67.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	22.00	0.00	0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0	0.00

oneior, valorilor si timpilor	Nume
CAF GAS L1	
CAF GAS L 2	
CAF GAS L3	
CAF GAS L 4	
CAF GAS L 5	
CAF GAS L 6	
CAF GAS L 7	
Turbina Gaz Chimiei	
Turbina Gaz Chimiei	

	An	2008								2009								2010								2011		
	Index	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L
1st, trap N	1	104.00	100.00	12.00	50.00	4	0	12	50	104.00	100.00	12.00	50.00	4	0	12	50	104.00	100.00	11.00	48.00	4	0	11	48	104.00	100.00	10.00
2nd colt	1	100.00	90.00	50.00	140.00	10	0	50	140	100.00	90.00	50.00	140.00	10	0	50	140	100.00	90.00	48.00	138.00	10	0	48	138	100.00	90.00	46.00
3rd panta	1	90.00	80.00	140.00	280	10	0	140	280	90.00	80.00	140.00	280	10	0	140	280	90.00	80.00	138.00	275	10	0	138	275	90.00	80.00	135.00
4-trap col	1	80.00	70	280.00	540.00	10	0	280	540	80.00	70	280.00	540.00	10	0	280	540	80.00	70	275.00	537.00	10	0	275	537	80.00	70	270.00
daca 3	1	70.00	60.00	540.00	1610.00	10	0	540	1610	70.00	60.00	540.00	1610.00	10	0	540	1610	70.00	60.00	537.00	1605.00	10	0	537	1605	70.00	60.00	535.00
atunci	1	60.00	50.00	1610.00	3100.00	10	0	1610	3100	60.00	50.00	1610.00	3100.00	10	0	1610	3100	60.00	50.00	1605.00	3080.00	10	0	1605	3080	60.00	50.00	1600.00
md-2	1	50.00	18.90	3100.00	4700.00	31.1	0	3100	4700	50.00	18.90	3100.00	4700.00	31.1	0	3100	4700	50.00	18.90	3080.00	4440.00	31.1	0	3080	4440	50.00	18.90	3060.00
	3	18.90	10.77	4700.00	6025.00	18.9	10.77	4700	6025	18.90	10.77	4700.00	6025.00	18.9	10.77	4700	6025	18.90	10.77	4440.00	6005.00	18.9	10.77	4440	6005	18.90	10.77	4410.00
	4	10.77	8.00	6025.00	8760.00	10.77	8	0	2735	10.77	7.83	6025.00	8760.00	10.77	7.83	0	2735	10.77	7.66	6005.00	8760.00	10.77	7.66	0	2755	10.77	7.50	8075.00
		0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00

PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An
0.00	90.00	1099.00	8132.00	263.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2008.00

zonele se incarca de la virf spre baza,fara colturi
daca o unitate nu este folosita, se pun valori 0,0,0,0
sau 1,1,1,1 . Adresa TmaxL,Tmin L se stabileste la inceput
prin identificare pentru primul an. I
Se copiaza zona bleu-turcoaz-roz. Apoi se da paste special
"FORMULAS" pentru toti anii cu albastrul pe zonele galbene.
Orice zona necesita un index.
Ultima zona trebuie sa fie trapez normal si Vmin=0
Ea poate fi si dreptunghi (cod de trap.normal)
Zonele depenta si colt trebuie scrise tot de la virf spre baza iar
adresele rebuie verificate si rescrise pentru ca pot aparea salturi
daca nu exista colt definit in fiecare strat. Se dau, la fel, adresele
pentru durate.Pentru ca este necesara mereu o zona precedenta
ea trebuie stabilita cu atentie si mai trebuie o ultima zona
precedenta care sa fie CAF cu toate valorile "0".
Rezultatele Vmax,Vmin, Tmax,Tmin sint transcrise cu paste link
la fiecare an din desfasuratorul vertical.

210 0.497

Link	2008	2009	2010	2011
104.00	12.00	12.00	11.00	10
100.00	50.00	50.00	48.00	46
90.00	140.00	140.00	138.00	135
80.00	280.00	280.00	275.00	270
70.00	540.00	540.00	537.00	535
60.00	1610	1610	1605	1600
50.00	3100	3100	3080	3060
33.00	3800	3800	3780	3760
24.00	4700	4700	4440	4410
17.00	6025	8025	8005	8075
14.00	8760	8760	8760	8760
0.00	0	0	0	0
0.00	0	0	0	0

PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An
0.00	90.00	1099.00	8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.042	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30	0.00	0.00	0.02	0.00	1	2009.00

210 0.497

210	0.497
210	0.497
0	0
230	0.497
55.47920	0.2
1.702432	0.285
0	0
0	0

0 pentru dur: 0 0 0 0 0 14.00 5200 0 0 0 0 0 0 0 5200 0 0 0 0 0 0 0 5180 0 0 0 0 0 0 0 5170

PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An
0.00	90.00	1099.00	8132.00	157.00	0.00	5.64	0.00	0.00	0.00	0.00	1.00	[illegible]	0.41	0.00	5	0	1	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	5.70	0.00	0.00	1.35	0.00	1	2010.00

210	0.497
210	0.497
210	0.497
0	0
230	0.497
52.07439	0.2
1.702432	0.285
0	0
0	0

PI S 7 C2 t	PI D 7 C2 t	PI N C2 t	PI S C2 t	PI D C2 t	Inv oil T1 mil E	Inv CF100 mil E	In.col. cen mil E	InvNCAL mil E	InCAB15 mil E	Inv oil T2 mil E	Inv Gduct mil E	NA mil E	Inch. Dep mil E	Inv Wtr 2 mil E	Inv CB Cy mil E	Inv col cen 0 or 1	Inch dep 0 or 1	Inv oil T1 0 or 1	InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An
0.00	90.00	1099.00	8132.00	157.00	0.00	0.58	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.28	0.00	0.00	0.51	0.00	1	2011.00

210	0.497
210	0.497
210	0.497
0	0
230	0.497
54.07725	0.2
1.702432	0.285

0	0
0	0

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.75	0.00	0	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.98	0.00	0.00	0.00	0.00	1	2012.00

210	0.497
210	0.497
210	0.497
0	0
230	0.497
54.67726	0.2
1.702432	0.255
0	0
0	0

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	1.76	0.00	0	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.00	0.00	0.00	0.00	0	2013.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2014.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2015.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2016.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2017.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2018.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1098.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00		0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2019.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1098.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00		0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2020.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2021.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2022.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	invNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	invNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2023.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	invNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	invNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[illegible]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2024.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2025.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2026.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In col cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0.00	90.00	1099.00	8132.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	[redacted]	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2027.00

Pl S 7 C2	Pl D 7 C2	Pl N C2	Pl S C2	Pl D C2	Inv oil T1	Inv CF100	In.col. cen	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Inv col cen	Inch dep	Inv oil T1	InCF100	Free	Free	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	Inv Wtr 2	Inv T net	Inv D net	Inv PT	Inv CT	Inv Tr pum	Inv Waste	Inv CB Cy	An
t	t	t	t	t	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	0 or 1	mil E	mil E	mil E	mil E	mil E	0 or 1	0 or 1	
0	90	1099	8132	157	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2026

Anexa … results pg. 1 495

Tip sursa
Cz 420 carb
CAF GAS L 6
Cz 420 carb
Turbina Gaz Chimiei
Babcock
Babcol
SumBBglobal
SUM Q BV
SUM Q BV
SUM Q BBDSL iarna an init
SUM Q BB DSL vara an init

ee pr C1	ee prC2	ee cs C1	ee cs C2	El inco C1	El inco C2	Elinc Tot	El bonus	congasC1	costg C1	CongasC2	costgC2	Cons lig	cost lign	costcomb	prod cald	D dif %	ee dispo	DmgSSud	SO2 mix	SO2 C2	SO2 rem	SO2 emC	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2
MWh/y	MWh/y	MWh/y	MWh/y	mil E/y	mil E/y	mil E/y	mil E/y	E3Nmc/y	mil E/y	E3Nmc/y	mil E/y	t/y	mil E/y	mil E/y	TJ/y		MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	mil E/y	t/y	t/y	t/y	t/y
0	122782.8	-696.908	-20.174	0	7.120232	7.120232	-0.00117	9001.892	2.969904	28659.89	7.564377	208855.2	6.052623	16.5869	1205.837	-0.16251	110097.2	1535648	3093.051	4151.52	0	4151.52		21.46497993	540.921	0	272.7334

Hdeliv	TJ/y
H livr C1	276.1192
H livr C2	931.6808
H livr C1	164.7
H livr PT	812.24

Epomp+si	MWh/y	mil E/y
T C1	1963.236	0.151837
T C2	6624.346	0.574861
D PT	2810.928	0.313278
D CT	569.9792	0.063524
C1	896.9085	0.053899
C2	20.17402	0.001751
TOTAL	12685.57	1.159149

TJ/y 320.3726; Gas CT E3Nmc/y 4960.096, TJ/y 176.5273; GAS TOT E3Nmc/y 42621.88, mil E/y 12.17072, TJ/y 1516.891; mil E/y 1.636435; TJ/y 1019.991; biorefTJ/y 0; TJ/y 1442.772; TOTcomb 18.22334

CO2 t Cen	CO2 t Sud	CO2 t Tot	Dif CO2	CO2 tot	Incom CO2
t/y	t/y	t/y	t/y	t/y	mil E/y
143534	209817	235000	10043.86	224956.1	0.251097

BIO 0 WASTE 0

Gaz termo	E3 NMc	26535.08
Carb termo	t	79073.11
Gaz termo	mil Eur	8.75445
Carb termo	mil Eur	2.291539
Sal termo	mil E	3.500296
Rep termo	mil E	5.082693
Pomp pr	mil E	0.726697
Pomp sec	mil E	0.378802
Serv propr	mil E	0.05565
SO2	mil E	0
Alte dir	mil E	0.468024
Heat sold	GJ	923000
PR H	E/GJ	23.77451
PR EL	E/MWh	87.13724
EL sold	MWh	113498.3

Amortiz tr

2010.0 Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz lp	r ghp/glp	Pr. Gazhp	Pret carbv	Pret eeiC2	Pretee iC1	Pret ee iD	Pret eee	W H price	Pret CO2	Pret TSO2	Fred pomp	Bonus G	Bonus C	E pomT C1	EpomT C2	E pom PT	E pom CT	Sal C1	Sal C2	Sal PT	Sal CT
TJ/y	TJ/y		TJ/y	TJ/y	h/an	h/an	Gcal/h		E/1000mc		E/1000mc	E/t	E/ MWh	E/ MWh	E/ MWh	E/MWh	E/TJ	E/t	E/t	%	E/MWh	E/MWh	MWh/Tcal	MWh/Tcal	MWh/Tcal	MWh/Tcal	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
923	430	2010	1190.84	162.36	406	156	98.19669	2010	362.91	0.8	290.328	28.98	89.78	80.34	114.45	61	0	25	0	0.00	0	0	29.77	29.77	14.49	14.49	3525.21	0.00	956.34	0

Tip sursa
CAF G L1
CAF GAS L 2
CAF GAS L3
Cz 420 carb
Cz 420 carb
CAF GAS L 6
Cz 420 carb
Turbina Gaz Chimiei
Babcock
Babcock
SumBBglobal
SUM Q BV
Babcock

ee pr C1	ee prC2	ee cs C1	ee cs C2	El inco C1	El inco C2	Elinc Tot	El bonus	congasC1	costg C1	CongasC2	costgC2	Cons lig	cost lign	costcomb	prod cald	D dif %	ee dispo	DmgSSud	SO2 mix	SO2 C2	SO2 rem	SO2 emC	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2
MWh/y	MWh/y	MWh/y	MWh/y	mil E/y	mil E/y	mil E/y	mil E/y	E3Nmc/y	mil E/y	E3Nmc/y	mil E/y	t/y	mil E/y	mil E/y	TJ/y		MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	mil E/y	t/y	t/y	t/y	t/y
0	119144.4	-0.04101	-5.58435	0	7.287465	7.287465	-0.00034	0.529756	0.000192	37751.82	10.96041	201924.1	5.851781	16.81238	1187.613	-0.25421	107300.4	1527159	3060.147	4013.738	0	4013.738		0.001283201	546.9308	0	263.6904

Hdeliv	TJ/y
H livr C1	3.426617
H livr C2	1187.213
H livr C1	162.36
H livr PT	812.24

Epomp+si	MWh/y	mil E/y
T C1	24.3638	0.001957
T C2	8441.209	0.757852
D PT	2810.928	0.321711
D CT	561.8812	0.064307
C1	0.041013	3.29E-06
C2	5.58435	0.000501
TOTAL	11844.01	1.146332

TJ/y 0.018854; Gas CT E3Nmc/y 4889.625, TJ/y 174.0193; GAS TOT E3Nmc/y 42641.97, mil E/y 12.7351, TJ/y 1517.606; mil E/y 1.774494; TJ/y 1343.568; biorefTJ/y 0; TJ/y 1384.892; TOTcomb 18.58686

CO2 t Cen	CO2 t Sud	CO2 t Tot	Dif CO2	CO2 tot	Incom CO2
t/y	t/y	t/y	t/y	t/y	mil E/y
143534	209811	235000	15138.97	219861	0.378474

BIO WASTE
BIO 0

Gaz termo	E3 NMc	28878.38
Carb termo	t	75139.32
Gaz termo	mil Eur	9.754429
Carb termo	mil Eur	2.177537
Sal termo	mil E	3.633009
Rep termo	mil E	5.082065
Pomp pr	mil E	0.799809
Pomp sec	mil E	0.388018
Serv propr	mil E	0.000505
SO2	mil E	0
Alte dir	mil E	0.525007
Heat sold	GJ	923000
PR H	E/GJ	24.88745
PR EL	E/MWh	84.47586
EL sold	MWh	110678.7

Amortiz tr

2011.0 Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz lp	r ghp/glp	Pr. Gazhp	Pret carbv	Pret eeiC2	Pretee iC1	Pret ee iD	Pret eee	W H price	Pret CO2	Pret TSO2	Fred pomp	Bonus G	Bonus C	E pomT C1	EpomT C2	E pom PT	E pom CT	Sal C1	Sal C2	Sal PT	Sal CT
TJ/y	TJ/y		TJ/y	TJ/y	h/an	h/an	Gcal/h		E/1000mc		E/1000mc	E/t	E/ MWh	E/ MWh	E/ MWh	E/MWh	E/TJ	E/t	E/t	%	E/MWh	E/MWh	MWh/Tcal	MWh/Tcal	MWh/Tcal	MWh/Tcal	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y	Th(e3) E/y
923	410.5	2011	1173.48	160.02	261	127	94.75665	2011	399.2	0.8	319.36	28.98	93.78	84.34	118.45	65	0	26	0	0.00	0	0	29.77	29.77	14.49	14.49	3638.017	0.00	986.9429	0

Tip sursa
CAF G L1
CAF GAS L 2
CAF GAS L3
Cz 420 carb
Cz 420 carb
CAF GAS L 6
Cz 420 carb
Turbina Gaz Chimiei
Babcock
Babcock
SumBBglobal
SUM Q BV
SUM Q BV

pg. 2
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0	0	0	0	0	4.3	1	1	192.3529
0	0	0	0	0	4.3	1	1	117.6471

0.387469	0.192353	0	0	0	0	0	0.387469	0
0.236984	0	0	207752.2 Cogen	0	0	0	222785.1	1437996
	36956.76		55.04 V					1536243

0 0 125244.3

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	125244.3	-620.683	-5.58435	0	8.140518	8.140518	-0.00036	8017.295	3.200504	28929.77	9.23901	207807.2	6.022254	18.46177	1168.25	-0.44588	112909.8	1536243	3086.083	4130.688		0	4130.688	0	19.11721286	539.2022	0	271.3702

Hdeliv	TJ/y	Epomp+sl	MWh/y	mil E/y
H livr C1	249.7964	T C1	1776.076	0.148794
H livr C2	923.6836	T C2	6567.485	0.815899
H livr C1	160.02	D PT	2810.928	0.332954
H livr PT	812.24	D CT	553.7831	0.065596
		C1	620.683	0.052348
		C2	5.58435	0.000524
		TOTAL	12334.54	1.217115

TJ/y 285.3315; TJ/y 1029.596; TJ/y 1435.532; bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4819.153	41766.21	14.36332
TJ/y 171.5113	TJ/y 1486.439	
mil E/y 1.923806		

TOTcomb 20.38557

CO2 t/y	Cert CO2 t/y	Gid CO2 t/y	Tot CO2 t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
142584	209811	235000	12214.93	222785.1	0.317588	

BIO	WASTE
0	0

Gaz termo	E3 NMc	25219.36
Carb termo	t	77086.14
Gaz termo	mil Eur	10.06757
Carb termo	mil Eur	2.233956
Sal termo	mil E	3.7057
Rep termo	mil E	5.001915
Pomp pr	mil E	0.785693
Pomp sec	mil E	0.39855
Serv propr	mil E	0.052872
SO2	mil E	0
Alte dir	mil E	0.541267
Heat sold	GJ	923000
PR H	E/GJ	25.2809
PR EL	E/MWh	93.84501
EL sold	MWh	116280.1

Amortiz tr

2012.0

Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
923	391	2012	1156.32	157.68	183	98	91.31661	2012	399.2	0.8	319.36	28.98	96.78	87.34	121.45	68	0	27	0	0.00	0	0	29.77	29.77	14.49	14.49	3739.881	0.00	1014.577	0

Tip sursa

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata t/y	M % gaz	% bio	% lignit	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	cap ee gz kWh/Gcal	cap ee bio kWh/Gcal	cap ee lig kWh/Gcal	cons ee MWh/y	prod eeIG MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmr gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del TJ/y	N El vinz. MWh/y
CAF G L1	4	0	12	50	2.48	0	2.48	50	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	16.20915	0	0	10.12	0	0	1.25488	0	0	32.65116				0.519188	0
CAF GAS L2	10	0	50	140	6.785714	0	6.785714	140	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	124.183	0	0	10.12	0	0	9.614	0	0	250.15				3.97765	0
CAF GAS L3	48	0	1000	1800	35.77778	5	37.66082	1550	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	7630.623	0	0	10.12	0	0	590.747602	0	0	15370.87				232.1924	0
CAF GAS L4	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	[illegible]	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	[illegible]	0.004187	0
CAF GAS L5	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	[illegible]	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	[illegible]	0.004187	0
CAF GAS L6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	[illegible]	[illegible]	0.130719	0	0	10.12	0.00	13.15	0.01012	0	0.00	0.263316	2498.039	2498.039	[illegible]	0.004187	0
CAF GAS L7	1	1	1	1	1	4.3	1.044932	1	20	0	80	15158.88	0	65.8416	30.1455	[illegible]	59.8125	3.168	0	55.04	0	0	0	0	0	0	56.3	333538.9	333538.9	[illegible]	0.004187	0
Turbina Gaz Chimiei	1	1	1	1	1	4.3	1.044932	1	20	0	80	214.7248	0	0.816655	0.432534		0	14251.18	0	200	0			13273.913	0.693288161	46013.23	28707.08	[illegible]	63334.88	[illegible]	255.6582	32739.32
Babcock	19	11	0	4300	14.2	8	15.43478	4300	100	0	0	0	[illegible]	[illegible]	0			0	0	0	0			0			0				8.436805	0
Babcock	10	3	0	310	6.5	8	7.065217	310	0	0	100	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	121.0358	0	0	5.9	[illegible]	[illegible]	5.58435	[illegible]	0	243.8104				3.962996	0
SumBBglobal	3	0	0	740	1.5	0	1.5	740	[illegible]	[illegible]	[illegible]	421.8882	1.22882	2.274444	0.006	[illegible]	1.648333	11466.9	1677228.4	0.191307	0.16205	0.27586	22878.5291	1.013566687	102090.7	143078.1	20970.65	372409	[illegible]	[illegible]	79212.19
SUM Q BV	1	1	1	2350	39	9	42.85714	2350	[illegible]	[illegible]	[illegible]	132.7425	0.389176	0.741774	0.26598	[illegible]	0.52289	2660.649	40421.01	0.02	0.03	0.05	3127.71178	[illegible]	14929.41	33640.3	[illegible]	69486.46	[illegible]	266.8862	1801.7
Babcock	45	0	140	2350	27	15	31.76471	2350	[illegible]	[illegible]	[illegible]	126.412	0.389178	0.741774	0.26598	[illegible]	1.52289	0.009421	0.70485	0.0285	0.04279	0.04275	0.0420375	[illegible]	0.285	0.509514	[illegible]	3007.574	[illegible]	0.004187	9.242993
	0	0	0	0	1	4.3	1	1	100	0	0	192.3529	0	0	0.387469	0	0	0.192353	0	0	0	0	0	0	0	0	0.387469	0	3123.812	0	0	0
	0	0	0	0	0	4.3	1	1	100	0	0	117.6471	0.333333	0.606061	0.236984		0.42704	36315.33	0	207752.2 Cogen 55.04 V	0	0	0	0	0	0	221493	1437448	1534486			123753.4

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	123753.4	-601.627	-5.58435	0	8.414855	8.414855	-0.00036	7771.146	3.102242	28534.49	9.112773	207807.2	6.022254	18.23727	1154.856	-0.12857	111568.1	1534486	3089.816	4130.688		0	4130.688	0	18.53027109	538.2597	0	271.3702

Hdeliv	TJ/y	Epomp+sl	MWh/y	mil E/y
H livr C1	238.8541	T C1	1698.277	0.148328
H livr C2	917.4659	T C2	6523.277	0.631323
H livr C1	157.68	D PT	2810.928	0.341387
H livr PT	812.24	D CT	545.685	0.066273
		C1	601.6266	0.052548
		C2	5.58435	0.00054
		TOTAL	12185.38	1.240397

TJ/y 276.5712; TJ/y 1015.528; TJ/y 1435.532; bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
4748.662	41054.31	14.11089
TJ/y 169.0032	TJ/y 1461.102	
mil E/y 1.895674		

TOTcomb 20.13294

CO2 t/y	Cert CO2 t/y	Gid CO2 t/y	Tot CO2 t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143544	209311	235000	13507.01	221493	0.364689	

BIO	WASTE
0	0

Gaz termo	E3 NMc	24750.97
Carb termo	t	77086.14
Gaz termo	mil Eur	9.880587
Carb termo	mil Eur	2.233956
Sal termo	mil E	3.807512
Rep termo	mil E	5.38076
Pomp pr	mil E	0.77965
Pomp sec	mil E	0.407661
Serv propr	mil E	0.059087
SO2	mil E	0
Alte dir	mil E	0.55384
Heat sold	GJ	923000
PR H	E/GJ	25.5151
PR EL	E/MWh	95.46998
EL sold	MWh	114930.3

Amortiz tr

2013.0

Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
923	371.5	2013	1139.16	155.34	154	89	87.91958	2013	399.2	0.8	319.36	0	96.78	87.34	121.45	88	0	28	0	0.00	0	0	29.77	29.77	14.49	14.49	3833.378	0.00	1039.942	0

Tip sursa

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata t/y	M % gaz	% bio	% lignit	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	cap ee gz kWh/Gcal	cap ee bio kWh/Gcal	cap ee lig kWh/Gcal	cons ee MWh/y	prod eeIG MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmr gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del TJ/y	N El vinz. MWh/y
CAF G L1	4.00	0.00	10.00	40.00	2.5	0	2.5	40	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	13.0719	0	0	3.5	[illegible]	[illegible]	0.35	[illegible]	0	26.33158				0.4187	0
CAF GAS L2	10.00	0.00	40.00	125.00	6.6	0	6.6	125	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	107.8431	0	0	3.5	[illegible]	[illegible]	2.8875	[illegible]	0	217.2355				3.454275	0
CAF GAS L3	10.00	0.00	125.00	260.00	7.403846	0	7.403846	260	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	251.634	0	0	3.5	[illegible]	[illegible]	6.7375	[illegible]	0	506.8829				8.059975	0
CAF GAS L4	10.00	0.00	260.00	525.00	7.47619	0	7.47619	525	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	513.0719	0	0	3.5	[illegible]	[illegible]	13.7375	[illegible]	0	1033.514				16.43398	0
CAF GAS L5	10.00	0.00	525.00	1590.00	6.650943	0	6.650943	1590	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	1382.353	0	0	3.5	[illegible]	[illegible]	37.0125	[illegible]	0	2784.564	[illegible]	16814.32	[illegible]	44.27753	0
CAF GAS L6	10.00	0.00	1590.00	2800.00	7.839286	0	7.839286	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	2889.281	0	0	3.5	[illegible]	0	76.825	[illegible]	0	5779.781	[illegible]	19582.84	[illegible]	91.90465	0
CAF GAS L7	10.00	0.00	2800.00	4000.00	26.435	0	26.435	4000	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	0.42704	13822.22	0	0	3.5	0	0	370.09	0	0	27843.01	[illegible]	66035.87	[illegible]	442.7334	0
Turbina Gaz Chimiei	31.10	0.00	4000.00	6005.00	17.54274	0	17.54274	6005	100	0	0	130.719	0.333333	0.606061	0.451297	[illegible]	0.762832	23801.23	0	0	1			105.344175	0.77231498	81358.88	47541.51	[illegible]	75107.33	[illegible]	441.0761	81253.54
Turbina Gaz Chimiei	18.90	10.77	6005.00	2700.00	8.965	0	8.965	2700	[illegible]	[illegible]	[illegible]	224.0393	[illegible]	[illegible]	0.55182	[illegible]	[illegible]	8630.905	0	0	5.9			142.81245	0.191567546	4837.472	13357.07				101.3484	4494.66
	10.77	7.16	0.00	0.00	0	0	0	0	[illegible]	[illegible]	[illegible]	273.9421	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	5.9			0	[illegible]	0	0				0	0
	0.00	0.00	0.00	0.00	0	0	0	0	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.787239	[illegible]	[illegible]	0	0	0.127153	[illegible]	[illegible]		0	0	0	0				0	0
	0.00	0.00	0.00	0.00	0	4.3	0	0	[illegible]	[illegible]	[illegible]	395.8688	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	1	0	0	0	0	0	0				0	0
	0.00	0.00	0.00	0.00	0	0	0	0	[illegible]	[illegible]	[illegible]	117.6471	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	5.9	0	0	0	0	0	0				0	0
	0.00	0.00	0.00	0.00	0	5	0	0	[illegible]	[illegible]	[illegible]	127.87	0	0	0.387469	0	0	0	0	0	0	0	0	0	0	0	0				0	0
	0.00	0.00	0.00	0.00	0	0.71	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	0	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0				0	0
	0.00	0.00	0.00	0.00	0	0.35	0	0	[illegible]	[illegible]	[illegible]	117.6471	0.333333	0.606061				49191.61	0	0 Cogen 0 V	0	0	0	0	0	0	99089.9	208568.1	177340.2			85748.2

Gaz termo	E3 NMc	38878.83
Carb termo	t	0
Gaz termo	mil Eur	14.30357
Carb termo	mil Eur	0

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ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	85748.2	-393.803	-113.838	0	5.823137	5.823137	-0.00774	14707.84	5.871371	34483.77	11.01274	0	0	16.88411	1149.707	0.925855	73792.5	177340.2	0	0	0	0	0	20.93779133	49.0904	0	0

Hdeliv TJ/y; Epomp+sl MWh/y mil E/y; TJ/y; TJ/y; TJ/y

Anexa 3/3-II

H livr C1	460.5533	
H livr C2	678.6067	
H livr CT	155.34	
H livr PT	812.24	

T C1	3274.582	0.286002
T C2	4824.963	0.46696
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	393.8025	0.034395
C2	113.8375	0.011017
TOTAL	11955.7	1.205051

BIO 0 WASTE 0

Gas CT E3Nmc/y 4678.211; TJ/y 166.4952; milE/y 1.867542
523.4448; GAS TOT E3Nmc/y 53869.82; milE/y 18.75165; TJ/y 1917.2
1227.26 bioref TJ/y 0
0
TOTcomb 18.75165

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-6909.35	6909.349	-0.19346

Sal termo	mil E	4.135206
Rep termo	mil E	5.544079
Pomp pr	mil E	0.752962
Pomp sec	mil E	0.406677
Serv propr	mil E	0.045412
SO2	mil E	0
Alte dir	mil E	0.629357
Heat sold	GJ	923000
PR H	E/GJ	28.67631
PR EL	E/MWh	84.24402
EL sold	MWh	77254.85

2014.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2014	1139.16	155.34	144	59	86.71556	2014	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	29	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	16.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0484	[illegible]	[illegible]	0.447283	0	0.762632
Turbina Gaz Chimiei	10.77	7	0	1805	8.885	0	8.885	1805	100	0	0	274.823	[illegible]	[illegible]	0.553594	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0.333333	0.606061	0.236984	0	0.42704

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/Q MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L5	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	[illegible]	16587.93	0	44.06818	0
CAF GAS L6	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	0	91.79998	0
CAF GAS L7	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	25829.55	0	0	1	0	0	118.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	4407.454	0	0	5.9	0	0	94.6208075	0.183777315	2947.315	8878.223	0	0	0	67.1487	2852.694
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0.127153	0.190729	0.190729	0	1.271528025	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0						
	48759.22	0	0 Cogen		0	0	0	0		98218.9	207848.3	176203.9			90609.12
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90609.12	-382.358	-113.575	0	6.153697	6.153697	-0.00772	14280.39	5.700733	34478.83	11.01116	0	0	18.71189	1147.476	0.790226	78685.12	176203.9	0	0	0	0	0	20.32928067	49.08337	0	0

Hdeliv	TJ/y
H livr C1	449.0904
H livr C2	890.0696
H livr CT	155.34
H livr PT	812.24

Epomp+el	MWh/y	milE/y
T C1	3193.079	0.278883
T C2	4906.468	0.474848
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204795

BIO 0 WASTE 0

TJ/y 508.232
Gas CT E3Nmc/y 4678.211; TJ/y 166.4952; milE/y 1.867542
GAS TOT E3Nmc/y 53437.43; milE/y 18.57943; TJ/y 1901.812
TJ/y 1227.084 bioref TJ/y 0
TJ/y 0
TOTcomb 18.57943

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-4605.97	4605.967	-0.13357

Gaz termo	E3 NMc	38772.48	Amortiz tr
Carb termo	t	0	
Gaz termo	mil Eur	14.2347	
Carb termo	mil Eur	0	
Sal termo	mil E	4.196126	
Rep termo	mil E	4.158321	
Pomp pr	mil E	0.753791	
Pomp sec	mil E	0.406677	
Serv propr	mil E	0.044387	
SO2	mil E	0	
Alte dir	mil E	0.628327	
Heat sold	GJ	923000	
PR H	E/GJ	27.15157	
PR EL	E/MWh	75.27151	
EL sold	MWh	82127.21	

2015.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2015	1139.16	155.34	133	48	85.51155	2015	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	30	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	[illegible]	0.263316	0	0.42704
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	16.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0484	[illegible]	[illegible]	0.447283	0	0.762632
Turbina Gaz Chimiei	10.77	6.83	0	1805	8.8	0	8.8	1805	100	0	0	275.7652	[illegible]	[illegible]	0.555492	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	117.6471	[illegible]	[illegible]	0.236984	0	0.42704
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0.333333	0.606061	0.236984	0	0.42704

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/Q MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
CAF G L1	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L5	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	[illegible]	16587.93	0	44.06818	0
CAF GAS L6	2866.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	0	91.79998	0
CAF GAS L7	13415.69	0	0	3.5	0	0	359.205	0	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	4380.255	0	0	5.9	0	0	93.7156	0.175423716	2786.43	8823.436	0	0	0	66.50631	2692.715
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0						
	48732.02	0	0 Cogen		0	0	0	0		98164.12	207848.3	176203.9			90449.14
			0 V		0	0	0	0							

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot milE/y	El bonus milE/y	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90449.14	-382.358	-113.575	0	6.142818	6.142818	-0.00772	14280.39	5.700733	34451.63	11.00247	0	0	16.70321	1146.836	0.673834	78505.14	176203.9	0	0	0	0	0	20.32928067	49.04465	0	0

Hdeliv	TJ/y
H livr C1	449.7328
H livr C2	689.4272
H livr CT	155.34
H livr PT	812.24

Epomp+el	MWh/y	milE/y
T C1	3197.648	0.279282
T C2	4901.898	0.474406
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204752

BIO 0 WASTE 0

TJ/y 508.232
Gas CT E3Nmc/y 4678.211; TJ/y 166.4952; milE/y 1.867542
GAS TOT E3Nmc/y 53410.23; milE/y 18.57075; TJ/y 1900.844
TJ/y 1226.116 bioref TJ/y 0
TJ/y 0
TOTcomb 18.57075

CO2 I Cen t/y	CO2 I Sud t/y	CO2 I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-4591.73	4591.731	-0.13775

Gaz termo	E3 NMc	38754.43	Amortiz tr
Carb termo	t	0	
Gaz termo	mil Eur	14.22894	
Carb termo	mil Eur	0	
Sal termo	mil E	4.19724	
Rep termo	mil E	4.159799	
Pomp pr	mil E	0.753656	
Pomp sec	mil E	0.406677	
Serv propr	mil E	0.044387	
SO2	mil E	0	
Alte dir	mil E	0.626073	
Heat sold	GJ	923000	
PR H	E/GJ	27.00223	

PR EL	E/MWh	76.35116
EL sold	MWh	81967.23

2016.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2016	1139.16	155.34	124	39	84.35054	2016	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	31	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	0	[illegible]	0.557403	0	0.42704
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704
								0									

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
CAF G L1	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L5	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	[illegible]	16587.93	0	44.06818	0
CAF GAS L6	2886.013	0	0	3.5	0	0	76.7375	0	0	5773.198	[illegible]	19560.54	0	91.79998	0
CAF GAS L7	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48704.84		0 Cogen							98108.95	207848.3	176203.9			90290.82
			0 V												

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.132052	6.132052	-0.00772	14280.39	5.700733	34424.25	10.99373	0	0	18.69446	1146.194	0.617442	78946.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+el	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473984
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

congasC1 TJ/y 508.232; CongasC2 TJ/y 1225.142; biorefTJ/y 0; Cons lig TJ/y 0

Gas CT E3Nmc/y 4678.211; TJ/y 166.4952; mil E/y 1.867542

GAS TOT E3Nmc/y 53382.85; TJ/y 1899.869; mil E/y 18.562

TOTcomb 18.562

CO2 l Cert	CO2 l Sud	CO2 l Tot	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143594	209811	235000	-4577.12	4577.122	-0.14189

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.181263
Pomp pl	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	26.99009
PR EL	E/MWh	75.42916
EL sold	MWh	81808.91

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2017.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2017	1139.16	155.34	113	28	83.10352	2017	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	32	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

Tip sursa	S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S md ech Gcal/h	Interne %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	csp gaz Nmc/Gcal	csp bio t/Gcal	csp lign t/Gcal	CO2sp gz t/Gcal	CO2sp bio t/Gcal	CO2sp lig t/Gcal
CAF G L1	4	0	10	35	2.571429	0	2.571429	35	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L2	10	0	35	120	6.458333	0	6.458333	120	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L3	10	0	120	255	7.352941	0	7.352941	255	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L4	10	0	255	520	7.451923	0	7.451923	520	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L5	10	0	520	1585	6.640379	0	6.640379	1585	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L6	10	0	1585	2800	7.830357	0	7.830357	2800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
CAF GAS L7	31.1	0	2800	3800	27.00789	0	27.00789	3800	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704
Turbina Gaz Chimiei	18.9	10.77	3800	6800	17.10662	0	17.10662	6800	100	0	0	222.0464	0	[illegible]	0.447283	0	0.762632
Turbina Gaz Chimiei	10.77	6.66	0	1805	8.715	0	8.715	1805	100	0	0	276.714	0	[illegible]	0.557403	0	0.42704
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0.333333	0.606061	0.257592	0	0.42704
	0.00	0.00	0.00	0.00	0	4.3	0	0	100	0	0	395.8688	[illegible]	[illegible]	0.787239	0	[illegible]
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704
	0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.257592	0	0
	0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.387469	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.333333	0.606061	0.236984	0	0.42704
								0									

Tip sursa	cons gaz E3Nmc/y	cons bio t/y	cons lignit t/y	csp ee gz kWh/Gcal	csp ee bio kWh/Gcal	csp ee lig kWh/Gcal	cons ee MWh/y	prod ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz MWh/y
CAF G L1	11.76471	0	0	3.5	0	0	0.315	0	0	23.69842	0	0	0	0.37683	0
CAF GAS L2	101.3072	0	0	3.5	0	0	2.7125	0	0	204.0697	0	0	0	3.244925	0
CAF GAS L3	245.098	0	0	3.5	0	0	6.5625	0	0	493.7171	0	0	0	7.850625	0
CAF GAS L4	506.5359	0	0	3.5	0	0	13.5625	0	0	1020.349	0	0	0	16.22463	0
CAF GAS L5	1375.817	0	0	3.5	0	0	36.8375	0	0	2771.399	[illegible]	16587.93	0	44.06818	0
CAF GAS L6	2886.013	0	0	3.5	0	0	78.7375	0	0	5773.198	[illegible]	19560.54	0	91.79998	0
CAF GAS L7	13415.69	0	0	3.5	0	0	359.205	[illegible]	0	27024.1	[illegible]	67466.78	0	429.7118	0
Turbina Gaz Chimiei	25829.55	0	0	1	0	0	116.325	0.755407232	87872.75	52030.15	[illegible]	72588.62	0	487.0528	87756.42
Turbina Gaz Chimiei	4352.87	0	0	5.9	0	0	92.8103925	0.16701264	2627.205	8768.271	0	0	0	65.86392	2534.394
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0.127153	[illegible]	[illegible]	0	[illegible]	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48704.84		0 Cogen							98108.95	207848.3	176203.9			90290.82
			0 V												

ee pr C1 MWh/y	ee prC2 MWh/y	ee cs C1 MWh/y	ee cs C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elinc Tot mil E/y	El bonus mil E/y	congasC1 E3Nmc/y	costg C1 mil E/y	CongasC2 E3Nmc/y	costgC2 mil E/y	Cons lig t/y	cost lign mil E/y	costcomb mil E/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emC2 t/y	Cost SO2 mil E/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	90290.82	-382.358	-113.575	0	6.132052	6.132052	-0.00772	14280.39	5.700733	34424.25	10.99373	0	0	16.69446	1146.194	0.617442	78946.82	176203.9	0	0	0	0	0	20.32928067	49.00567	0	0

Hdeliv	TJ/y
H livr C1	450.3752
H livr C2	688.7848
H livr CT	155.34
H livr PT	812.24

Epomp+el	MWh/y	mil E/y
T C1	3202.214	0.279681
T C2	4897.331	0.473984
D PT	2810.928	0.341387
D CT	537.587	0.06529
C1	382.3575	0.033395
C2	113.575	0.010992
TOTAL	11943.99	1.204709

congasC1 TJ/y 508.232; CongasC2 TJ/y 1225.142; biorefTJ/y 0; Cons lig TJ/y 0

Gas CT E3Nmc/y 4678.211; TJ/y 166.4952; mil E/y 1.867542

GAS TOT E3Nmc/y 53382.85; TJ/y 1899.869; mil E/y 18.562

TOTcomb 18.562

CO2 l Cert	CO2 l Sud	CO2 l Tot	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143594	209811	235000	-4577.12	4577.122	-0.14647

BIO 0 WASTE 0

Gaz termo	E3 NMc	38736.38
Carb termo	t	0
Gaz termo	mil Eur	14.22317
Carb termo	mil Eur	0
Sal termo	mil E	4.198343
Rep termo	mil E	4.570504
Pomp pl	mil E	0.753645
Pomp sec	mil E	0.406677
Serv propr	mil E	0.044387
SO2	mil E	0
Alte dir	mil E	0.62582
Heat sold	GJ	923000
PR H	E/GJ	27.37938
PR EL	E/MWh	76.68526
EL sold	MWh	81808.91

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2018.0	Qsold TJ/y	losses TJ/y	An	Qtotal CET TJ/y	Q CT TJ/y	Tmax h/an	Tmin h/an	QMM Gcal/h	An	Pr gaz lp E/1000mc	r ghp/glp	Pr. Gazhp E/1000mc	Pret carbv E/t	Pret eeiC2 E/MWh	Pretee iC1 E/MWh	Pret ee iD E/MWh	Pret eee E/MWh	W H price E/TJ	Pret CO2 E/t	Pret TSO2 E/t	Fred pomp %	Bonus G E/MWh	Bonus C E/MWh	E pomT C1 MWh/Tcal	EpomT C2 MWh/Tcal	E pom PT MWh/Tcal	E pom CT MWh/Tcal	Sal C1 Th(e3) E/y	Sal C2 Th(e3) E/y	Sal PT Th(e3) E/y	Sal CT Th(e3) E/y
	923	371.5	2018	1139.16	155.34	103	18	81.94251	2018	399.2	0.8	319.36	0	96.78	87.34	121.45	68	0	33	0	0.00	0	0	29.77	29.77	14.49	14.49	3921.546	0.00	1063.86	0

InCF100 0 or 1	Free 0 or 1	Free 0 or 1	InvNCAL 0 or 1	InCAB15 0 or 1	Inv oil T2 0 or 1	Inv Gduct 0 or 1	Inv Wtr 2 0 or 1	Inv T net mil E	Inv D net mil E	Inv PT mil E	Inv CT mil E	Inv Tr pum mil E	Inv Waste 0 or 1	Inv CB Cy 0 or 1	An	Dwellings %	Industrie %	Services %	Publics %	Rand CT %
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2008.00	85.76	0	3.30	3.40	93.30
1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.000	0.00	0.02	0.00	1.00	2009.00	85.76	0	3.30	3.40	93.30
1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	6.70	0.000	0.00	1.35	0.00	1	2010.00	85.76	0	3.30	3.40	93.30
1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.28	0.000	0.00	0.51	0.00	1	2011.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.98	0.000	0.00	0.00	0.00	1	2012.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	0.000	0.00	0.00	0.00	0	2013.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2014.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2015.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2016.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2017.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2018.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2019.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2020.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2021.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2022.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2023.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2024.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2025.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2026.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2027.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0	2028.00	85.76	0	3.30	3.40	93.30

Paste Tr	Copy	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	104.00	12.00	12.00	11.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	100.00	50.00	50.00	48.00	46.00	43.00	40.00	35.00	35.00	35.00	35.00	35.00
	90.00	140.00	140.00	138.00	135.00	130.00	125.00	120.00	120.00	120.00	120.00	120.00
	80.00	280.00	280.00	275.00	270.00	265.00	260.00	255.00	255.00	255.00	255.00	255.00
	70.00	540.00	540.00	537.00	535.00	530.00	525.00	520.00	520.00	520.00	520.00	520.00
	60	1610	1610	1605	1600	1595	1590	1585	1585	1585	1585	1585
	50	3100	3100	3080	3060	3050	3040	3030	3030	3030	3030	3030
	31	3800	3800	3780	3760	3750	3720	3700	3700	3700	3700	3700
	18.9	4700	4700	4440	4410	4360	4290	4220	4220	4220	4220	4220
	10.77	6025	6025	6005	6075	6055	6005	6955	6955	6955	6955	6955
	0	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0

					2012								2013								2014								2016					
Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin
46.00	4	0	10	46	104.00	100.00	10.00	43.00	4	0	10	43	104.00	100.00	10.00	40.00	4.00	0.00	10	40	104.00	100	10	35	4	0	10	35	104.00	100	10	35	4	0
135.00	10	0	46	135	100.00	90.00	43.00	130.00	10	0	43	130	100.00	90	40	125	10	0	40	125	100.00	90	35	120	10	0	35	120	100.00	90	35	120	10	0
270	10	0	135	270	90.00	80.00	130.00	265	10	0	130	265	90.00	80	125	260	10	0	125	260	90.00	80	120	255	10	0	120	255	90.00	80	120	255	10	0
535.00	10	0	270	535	80.00	70	265.00	530.00	10	0	265	530	80.00	70	260	625	10	0	260	625	80.00	70	265	520	10	0	265	520	80.00	70	265	520	10	0
1600.00	10	0	535	1600	70.00	60.00	530.00	1595.00	10	0	530	1595	70.00	60	525.00	1590	10	0	525	1590	70.00	60	520.00	1585	10	0	520	1585	70.00	60	520.00	1585	10	0
3060.00	10	0	1600	3060	60.00	50.00	1595.00	3050.00	10	0	1595	3050	60.00	50	1590	3040	10	0	1590	3040	60.00	50	1585	3030	10	0	1585	3030	60.00	50	1585	3030	10	0
4410.00	31.1	0	3060	4410	50.00	18.90	3050.00	4360.00	31.1	0	3050	4360	50.00	18.9	3040	4290	31.1	0	3040	4290	50.00	18.9	3030	4220	31.1	0	3030	4220	50.00	18.9	3030	4220	31.1	0
6075.00	18.9	10.77	4410	6075	18.90	10.77	4360.00	6055.00	18.9	10.77	4360	6055	18.90	10.77	4290	6005	18.9	10.77	4290	6005	18.90	10.77	4220	6955	18.9	10.77	4220	6955	18.90	10.77	4220	6955	18.9	10.77
8760.00	10.77	7.5	0	2855	10.77	7.33	6055.00	8760.00	10.77	7.33	0	2705	10.77	7.16	6005	8760	10.77	7.16	0	2756	10.77	7	6955.00	8760.00	10.77	7	0	1805	10.77	6.83	6955	8760	10.77	6.83
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0
0.00	0	0	0	0	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0

Dwellings %	Industrie %	Services %	Publics %	Rand CT %
85.76	0.00	3.30	3.40	93.30

2012	2013	2014	2015
10	10	10	10
43	40	35	35
130	125	120	120
265	260	255	255
530	525	520	520
1595	1590	1585	1585
3050	3040	3030	3030
3750	3720	3700	3700
4360	4290	4220	4220
6055	6005	6955	6955
8760	8760	8760	8760
0	0	0	0
0	0	0	0

Dwellings %	Industrie %	Services %	Publics %	Rand CT %
85.76	0	3.30	3.40	93.30

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2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
255.00	255.00	255.00	255.00	255.00	255.00	255.00	255.00	255.00	255.00
520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00
1585	1585	1585	1585	1585	1585	1585	1585	1585	1585
3030	3030	3030	3030	3030	3030	3030	3030	3030	3030
3700	3700	3700	3700	3700	3700	3700	3700	3700	3700
4220	4220	4220	4220	4220	4220	4220	4220	4220	4220
6955	6955	6955	6955	6955	6955	6955	6955	6955	6955
8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

2016												
39	28	18	18	18	18	18	18	18	18	18	18	18
124	113	103	103	103	103	103	103	103	103	103	103	103
243	198	188	188	188	188	188	188	188	188	188	188	188
531	506	482	482	482	482	482	482	482	482	482	482	482
2846	2667	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499	2499
3859	3789	3731	3731	3731	3731	3731	3731	3731	3731	3731	3731	3731
5204	5084	5084	5084	5084	5084	5084	5084	5084	5084	5084	5084	5084

37	26	17	17	17	17	17	17	17	17	17	17	17
117	106	97	97	97	97	97	97	97	97	97	97	97
228	186	177	177	177	177	177	177	177	177	177	177	177
499	476	453	453	453	453	453	453	453	453	453	453	453
2675	2507	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349
3627	3562	3507	3507	3507	3507	3507	3507	3507	3507	3507	3507	3507
4892	4779	4779	4779	4779	4779	4779	4779	4779	4779	4779	4779	4779

		2016								2017								2018								2019								2020
Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax	Tmin	Vmax L
10	35	104.00	100	10	35	4	0	10	35	104.00	100	10	35	4	0	10	35	104.00	100	10	35	4	0	10	35	104.00	100	10	35	4	0	10	35	104.00
35	120	100.00	90	35	120	10	0	35	120	100.00	90	35	120	10	0	35	120	100.00	90	35	120	10	0	35	120	100.00	90	35	120	10	0	35	120	100.00
120	255	90.00	80	120	255	10	0	120	255	90.00	80	120	255	10	0	120	255	90.00	80	120	255	10	0	120	255	90.00	80	120	255	10	0	120	255	90.00
255	520	80.00	70	255	520	10	0	255	520	80.00	70	255	520	10	0	255	520	80.00	70	255	520	10	0	255	520	80.00	70	255	520	10	0	255	520	80.00
520	1585	70.00	60	520.00	1585	10	0	520	1585	70.00	60	520.00	1585	10	0	520	1585	70.00	60	520.00	1585	10	0	520	1585	70.00	60	520.00	1585	10	0	520	1585	70.00
1585	3030	60.00	50	1585	3030	10	0	1585	3030	60.00	50	1585	3030	10	0	1585	3030	60.00	50	1585	3030	10	0	1585	3030	60.00	50	1585	3030	10	0	1585	3030	60.00
3030	4220	50.00	18.9	3030	4220	31.1	0	3030	4220	50.00	18.9	3030	4220	31.1	0	3030	4220	50.00	18.9	3030	4220	31.1	0	3030	4220	50.00	18.9	3030	4220	31.1	0	3030	4220	50.00
4220	6955	18.90	10.77	4220	6955	18.9	10.77	4220	6955	18.90	10.77	4220	6955	18.9	10.77	4220	6955	18.90	10.77	4220	6955	18.9	10.77	4220	6955	18.90	10.77	4220	6955	18.9	10.77	4220	6955	18.90
6955	8760	10.77	6.88	6955	8760	10.77	6.88	6955	8760	10.77	6.5	6955	8760	10.77	6.5	6955	8760	10.77	6.5	6955	8760	10.77	6.5	6955	8760	10.77	6.5	6955	8760	10.77	6.5	6955	8760	10.77
8760	1905	0	0	0	0	0	0	0	1905	0	0	0	0	0	0	0	1905	0	0	0	0	0	0	0	1905	0	0	0	0	0	0	0	1905	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				2016								2017								2018								2019						
				10								10								10								10						
				35								35								35								35						
				120								120								120								120						
				255								255								255								255						
				520								520								520								520						
				1585								1585								1585								1585						
				3030								3030								3030								3030						
				3700								3700								3700								3700						
				4220								4220								4220								4220						
				6955								6955								6955								6955						
				8760								8760								8760								8760						
				0								0								0								0						
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