5A/II

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 GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L3	10	0	1	37	5.135135	0	5.135135	37	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 4	10	0	37	117	6.581197	0	6.581197	117	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 5	10	0	117	228	7.565789	0	7.565789	228	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 6	10	0	228	499	7.284569	0	7.284569	499	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 7	31.1	0	499	3627	17.68936	0	17.68936	3627	100	0	0	130.719	0	0	0.263316	0	0
Turbina Gaz Chimiei	18.9	10.77	3627	4892	17.84885	0	17.84885	4892	100	0	0	225.4595	0	[illegible]	0.454158	0	0
Turbina Gaz Chimiei	10.77	6.66	0	3868	8.715	0	8.715	3868	100	0	0	276.714	0	[illegible]	0.557403	0	0
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0
	0	0	0	0	0	0	0	0	100	0	0	127.8772	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	0	0.236984	0	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	El cump MWh/y	Cota elcog
CAF GAS L 2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	24.8366	0	0	10.12	0	0	1.9228	0	0	50.03	0	0	0	0.79553	0	-1.9228	1
CAF GAS L 4	100.6536	0	0	10.12	0	0	7.7924	0	0	202.7531	0	0	0	3.22399	0	-7.7924	1
CAF GAS L 5	225.4902	0	0	10.12	0	0	17.457	0	0	454.2197	24980.39	18899.64	0	7.222575	0	-17.457	1
CAF GAS L 6	475.1634	0	0	10.12	0	0	36.7862	0	0	957.1529	24980.39	18197.14	0	15.21975	0	-36.7862	1
CAF GAS L 7	8386.837	0	0	10.12	0	0	649.292116	0	0	16894.16	77688.02	44188.71	0	268.635	0	-649.2921	1
Turbina Gaz Chimiei	19686.35	0	0	1	0	0	87.316575	0.784364546	68488.03	39655.51	81431.24	76902.33	0	365.5945	68400.71	0	1
Turbina Gaz Chimiei	9327.922	0	0	5.9	0	0	198.886758	0.16701264	5629.933	18789.85	0	0	0	141.1422	5431.046	0	1
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	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	0	0	1
	38227.25	0	0	Cogen	0	0	0	0		77003.67	209081	158187.8			73831.76		
			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	73831.76	-659.0073	-54.2432	0	5.020559	5.020559	0	8512.327	3.398121	29714.93	9.489759	0	0	12.88788	801.8335	-1.544672	70523.69	158187.8	0	0	0	0	0	20.29761346	70.85514	0	0

Hdeliv	TJ/y
H livr C1	285.2345
H livr C2	529.179
H livr CT	90.49039
H livr PT	632.7

Epomp+rei	MWh/y	milE/y
T C1	14.41389	0.001259
T C2	77.64784	0.007515
D PT	2189.592	0.265926
D CT	313.1612	0.038033
C1	659.0073	0.057558
C2	54.2432	0.00525
TOTAL	3308.066	0.37554

congasC1 TJ/y 302.9495; CongasC2 TJ/y 1057.539; Cons lig TJ/y 0; biorefTJ/y 0

	Gas CT	GAS TOT	
E3Nmc/y	2725.204	40962.46	
milE/y			13.97578
TJ/y	96.98863	1457.478	
milE/y	1.087901		

TOTcomb 13.97578

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
142584	209811	253000	-9808.481	9808.481	-0.304063

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 eelC2 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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5351.15

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	0	0	0.263316	0	0
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L3	10	0	1	26	5.192308	0	5.192308	26	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 4	10	0	26	106	6.226415	0	6.226415	106	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 5	10	0	106	186	7.849462	0	7.849462	186	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 6	10	0	186	476	6.953782	0	6.953782	476	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 7	31.1	0	476	3562	17.62799	0	17.62799	3562	100	0	0	130.719	0	0	0.263316	0	0
Turbina Gaz Chimiei	18.9	10.77	3562	4779	17.86482	0	17.86482	4779	100	0	0	225.5341	0	[illegible]	0.454308	0	0
Turbina Gaz Chimiei	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0
	0	0	0	0	0	0	0	0	100	0	0	127.8772	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	0	0.236984	0	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	El cump MWh/y	Cota elcog
CAF G L1	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	17.64706	0	0	10.12	0	0	1.3662	0	0	35.54763	0	0	0	0.565245	0	-1.3662	1
CAF GAS L 4	86.27451	0	0	10.12	0	0	6.6792	0	0	173.7884	0	0	0	2.76342	0	-6.6792	1
CAF GAS L 5	190.8497	0	0	10.12	0	0	14.7752	0	0	384.441	24980.39	19608.26	0	6.11302	0	-14.7752	1
CAF GAS L 6	432.6797	0	0	10.12	0	0	33.4972	0	0	871.5752	24980.39	17370.82	0	13.85897	0	-33.4972	1
CAF GAS L 7	8207.961	0	0	10.12	0	0	635.443908	0	0	16533.83	77688.02	44035.41	0	262.9055	0	-635.4439	1
Turbina Gaz Chimiei	19255.2	0	0	1	0	0	85.375995	0.784997544	67019.95	38787.01	[illegible]	76996.62	0	357.4693	66934.57	0	1
Turbina Gaz Chimiei	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	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	0	0	1
	37733.81	0	0	Cogen	0	0	0	0		76009.7	209108	158011.1			72199.01		
			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	72199.01	-643.4893	-48.2724	0	4.909533	4.909533	0	8311.882	3.318103	29421.93	9.396187	0	0	12.71429	787.8075	0.071174	69023.23	158011.1	0	0	0	0	0	19.81965438	70.15649	0	0

Hdeliv	TJ/y
H livr C1	265.674
H livr C2	521.3733
H livr CT	87.4497
H livr PT	606.6

Epomp+rei	MWh/y	milE/y
T C1	12.11701	0.001058
T C2	69.9986	0.006774
D PT	2099.268	0.254956
D CT	302.6382	0.036755
C1	643.4893	0.056202
C2	48.2724	0.004672
TOTAL	3175.783	0.360418

congasC1 TJ/y 295.8157; CongasC2 TJ/y 1047.112; Cons lig TJ/y 0; biorefTJ/y 0

	Gas CT	GAS TOT	
E3Nmc/y	2633.63	40367.44	
milE/y			13.76564
TJ/y	93.72958	1436.657	
milE/y	1.051345		

TOTcomb 13.76564

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	209811	253000	-10063.94	10063.94	-0.322046

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 eelC2 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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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	0	0	0.263316	0	0
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0
CAF GAS L 7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0
Turbina Gaz Chimiei	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0
Turbina Gaz Chimiei	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	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	El cump MWh/y	Cota elcog
CAF G L1	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L 4	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L 5	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24980.39	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L 6	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24980.39	17370.47	0	13.18905	0	-31.878	1
CAF GAS L 7	8049.412	0	0	10.12	0	0	623.16936	0	0	16214.46	77688.02	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiei	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	[illegible]	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiei	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1

	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	1
	0	0	0	0	0	0.35	0	0	[illegible]	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																	37455.92	0	0 Cogen	0	0	0	0		75448.92	209029.1	157288.3			71865.97			
																			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	Elnc Tot mil E/y	E/ 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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61146	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y	Epomp+si	MWh/y	mil E/y
H livr C1	248.391	T C1	10.51702	0.000919
H livr C2	519.3905	T C2	64.97059	0.006288
H livr C1	85.30905	D PT	2015.172	0.244743
H livr PT	582.3	D CT	295.23	0.035856
		C1	629.8486	0.055011
		C2	45.7424	0.004427
		TOTAL	3061.481	0.347243

congasC1 TJ/y: 289.545; CongasC2 TJ/y: 1043.492; Cons lig TJ/y: 0; bioref TJ/y: 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb 13.63708

CO2 l Cen t/y	CO2 l Sud t/y	CO2 l Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253000	-10063.94	10063.94	-0.33211

BIO	WASTE
0	0

2019	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 eeC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iO 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	SalOPSEC Th(e3) E/y	Cfix C1 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	0	5309.15

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	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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24960.39	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24960.39	17370.47	0	13.18905	0	-31.878	1
CAF GAS L 7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	77683.02	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiei	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiei	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0 Cogen	0	0	0	0		75449.92	209029.1	157288.3			71865.97			
																				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	Elnc Tot mil E/y	E/ 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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61146	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y	Epomp+si	MWh/y	mil E/y
H livr C1	248.391	T C1	10.51702	0.000919
H livr C2	519.3905	T C2	64.97059	0.006288
H livr C1	85.30905	D PT	2015.172	0.244743
H livr PT	582.3	D CT	295.23	0.035856
		C1	629.8486	0.055011
		C2	45.7424	0.004427
		TOTAL	3061.481	0.347243

congasC1 TJ/y: 289.545; CongasC2 TJ/y: 1043.492; Cons lig TJ/y: 0; bioref TJ/y: 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb 13.63708

CO2 l Cen t/y	CO2 l Sud t/y	CO2 l Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253000	-10063.94	10063.94	-0.342174

BIO	WASTE
0	0

2020	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 eeC2 E/ MWh	Pretee iC1 E/ MWh	Pret ee iO 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	SalOPSEC Th(e3) E/y	Cfix C1 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	0	5309.15

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	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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24960.39	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24960.39	17370.47	0	13.18905	0	-31.878	1
CAF GAS L 7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	77683.02	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiei	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiei	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0 Cogen	0	0	0	0		75449.92	209029.1	157288.3			71865.97			
																				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	Elnc Tot mil E/y	E/ 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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61146	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y	Epomp+si	MWh/y	mil E/y
H livr C1	248.391	T C1	10.51702	0.000919
H livr C2	519.3905	T C2	64.97059	0.006288
H livr C1	85.30905	D PT	2015.172	0.244743

congasC1 TJ/y: 289.545; CongasC2 TJ/y: 1043.492; Cons lig TJ/y: 0; bioref TJ/y: 0

Gas CT E3Nmc/y | GAS TOT E3Nmc/y | mil E/y

TOTcomb

CO2 l Cen t/y	CO2 l Sud t/y	CO2 l Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
143584	209811	253000	-10063.94	10063.94	-0.352238

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H livr PT	582.3	D CT	295.23	0.035856	2569.162	40025.08	13.63708		13.63708
		C1	629.8486	0.055011	TJ/y	TJ/y			
		C2	45.7424	0.004427	91.43521	1424.473			
		TOTAL	3061.481	0.347243	mil E/y				
					1.02561				

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 eeC2 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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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 lg 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 lg 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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37583	0	-0.9108	1
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	[illegible]	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	0	13.18905	0	-31.878	1
CAF GAS L7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	0	0	16214.46	[illegible]	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimie	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	[illegible]	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimie	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.8128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35		0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0 Cogen		0	0	0	0		75449.92	209029.1	157288.3			71865.97		
																				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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0
								TJ/y		TJ/y		TJ/y															
								289.545		1043.492		0															
										bioref TJ/y																	
										0																	

Hdeliv	TJ/y	Epomp+el	MWh/y	mil E/y
H livr C1	248.391	T C1	10.51702	0.000919
H livr C2	519.3905	T C2	64.97059	0.006288
H livr CT	85.30905	D PT	2015.172	0.244743
H livr PT	582.3	D CT	295.23	0.035856
		C1	629.8486	0.055011
		C2	45.7424	0.004427
		TOTAL	3061.481	0.347243

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb
13.63708

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
[illegible]	[illegible]	[illegible]	-10063.94	10063.94	-0.362302

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 eeC2 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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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 lg 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 lg 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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37583	0	-0.9108	1
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	[illegible]	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	0	13.18905	0	-31.878	1
CAF GAS L7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	0	0	16214.46	[illegible]	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimie	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	[illegible]	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimie	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35		0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0 Cogen		0	0	0	0		75449.92	209029.1	157288.3			71865.97		
																				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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0
								TJ/y		TJ/y		TJ/y															
								289.545		1043.492		0															
										bioref TJ/y																	
										0																	

Hdeliv	TJ/y	Epomp+el	MWh/y	mil E/y
H livr C1	248.391	T C1	10.51702	0.000919
H livr C2	519.3905	T C2	64.97059	0.006288
H livr CT	85.30905	D PT	2015.172	0.244743
H livr PT	582.3	D CT	295.23	0.035856
		C1	629.8486	0.055011
		C2	45.7424	0.004427
		TOTAL	3061.481	0.347243

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb
13.63708

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
[illegible]	[illegible]	[illegible]	-10063.94	10063.94	-0.372365

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 eeC2 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	SalOPSEE Th(e3) E/y	Cfix C1 Th(e3) E/y

5A/II
p 8

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	0	5309.15

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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24960.39	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24960.29	17370.47	0	13.18905	0	-31.878	1
CAF GAS L 7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	77683.02	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiei	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiei	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	1.15486111	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0	Cogen	0	0	0	0		75449.92	209029.1	157288.3			71865.97		
																				0	V	0	0	0	0									

ee pr C1 MWh/y	ee prC2 MWh/y	ee ca C1 MWh/y	ee ca C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elnc 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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y
H livr C1	248.391
H livr C2	519.3905
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	mil E/y
T C1	10.51702	0.000919
T C2	64.97059	0.006288
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	629.8486	0.055011
C2	45.7424	0.004427
TOTAL	3061.481	0.347243

TJ/y 289.545 — TJ/y 1043.492 — biorefTJ/y 0 — TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb 13.63708

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	353000	-10063.94	10063.94	-0.38243

BIO	WASTE
0	0

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 eelC2 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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24960.39	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24960.39	17370.47	0	13.18905	0	-31.878	1
CAF GAS L 7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	77683.02	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiei	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiei	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	1.15486111	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0	Cogen	0	0	0	0		75449.92	209028.1	157288.3			71865.97		
																				0	V	0	0	0	0									

ee pr C1 MWh/y	ee prC2 MWh/y	ee ca C1 MWh/y	ee ca C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	Elnc 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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y
H livr C1	248.391
H livr C2	519.3905
H livr CT	85.30905
H livr PT	582.3

Epomp+si	MWh/y	mil E/y
T C1	10.51702	0.000919
T C2	64.97059	0.006288
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	629.8486	0.055011
C2	45.7424	0.004427
TOTAL	3061.481	0.347243

TJ/y 289.545 — TJ/y 1043.492 — biorefTJ/y 0 — TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb 13.63708

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	253000	-10063.94	10063.94	-0.392494

BIO	WASTE
0	0

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 eelC2 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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24960.39	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24960.29	17370.47	0	13.18905	0	-31.878	1
CAF GAS L 7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	77683.02	43862.06	0	257.8271	0	-623.1694	1

605

GA/6

799

Turbina Gaz Chimiel	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiel	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	[illegible]	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0	Cogen	0	0	0	0		75449.92	209029.1	157288.3			71865.97		
																				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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y
H livr C1	248.391
H livr C2	519.3905
H livr CT	85.30905
H livr PT	582.3

Epompare	MWh/y	mil E/y
T C1	10.51702	0.000919
T C2	64.97059	0.006288
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	629.8486	0.055011
C2	45.7424	0.004427
TOTAL	3061.481	0.347243

TJ/y 289.545 — TJ/y 1043.492 — TJ/y 0

bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb 13.63708

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	[illegible]	[illegible]	-10063.94	10063.94	-0.402558

BIO	WASTE
0	0

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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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 g6 Nmc/h	Dmd g3 Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	[illegible]	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	0	13.18905	0	-31.878	1
CAF GAS L7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	[illegible]	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiel	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiel	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	[illegible]	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0	Cogen	0	0	0	0		75449.92	209029.1	157288.3			71865.97		
																				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	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	68804.49	157288.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeliv	TJ/y
H livr C1	248.391
H livr C2	519.3905
H livr CT	85.30905
H livr PT	582.3

Epompare	MWh/y	mil E/y
T C1	10.51702	0.000919
T C2	64.97059	0.006288
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	629.8486	0.055011
C2	45.7424	0.004427
TOTAL	3061.481	0.347243

TJ/y 289.545 — TJ/y 1043.492 — TJ/y 0

bioref TJ/y 0

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	mil E/y
2569.162	40025.08	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
mil E/y		
1.02561		

TOTcomb 13.63708

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	[illegible]	[illegible]	-10063.94	10063.94	-0.402558

BIO	WASTE
0	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	SalOPSEE Th(e3) E/y	Cfix C1 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	0	5309.15

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 g6 Nmc/h	Dmd g3 Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y	El cump MWh/y	Cota elcog
CAF G L1	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L2	0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69842	0	0	0	0.37683	0	-0.9108	1
CAF GAS L4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
CAF GAS L5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	[illegible]	19335.11	0	5.73619	0	-13.8644	1
CAF GAS L6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	0	13.18905	0	-31.878	1
CAF GAS L7	31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	8049.412	0	0	10.12	0	0	623.16936	[illegible]	0	16214.46	[illegible]	43862.06	0	257.8271	0	-623.1694	1
Turbina Gaz Chimiel	18.9	10.77	3507	4779	17.81804	0	17.81804	4779	100	0	0	225.3157	0	[illegible]	0.453868	0	0	19186.18	0	0	1	0	0	85.15242	0.783144883	66686.68	38647.98	81379.32	76720.64	0	356.5332	66601.53	0	1
Turbina Gaz Chimiel	10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	[illegible]	0.559214	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	[illegible]	0	0	143.932	5264.444	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	100	0	0	127.8772	0	0	0.257592	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
	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	1
	0	0	0	0	0	0.35	0	0	0	0	0	[illegible]	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																		37455.92	0	0	Cogen	0	0	0	0		75449.92	209029.1	157288.3			71865.97		
																				0	V	0	0	0	0									

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 emC2	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2

GA/II

MWh/y	MWh/y	MWh/y	MWh/y	mil E/y	mil E/y	milE/y	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	milE/y	TJ/y	MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	71865.97	-629.8486	-45.7424	0	4.886886	4.886886	0	8135.686	3.247766	29320.23	9.363709	0	0	12.61148	779.981	1.588934	66804.49	357268.3	0	0	0	0	0	19.39951545	69.91399	0	0

Hdeltv	TJ/y
H livr C1	248.391
H livr C2	519.3905
H livr C1	85.30905
H livr P1	582.3

Epomp+si	MWh/y	milE/y
T C1	10.51702	0.000919
T C2	64.97059	0.006288
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	629.8486	0.055011
C2	45.7424	0.004427
TOTAL	3061.481	0.347243

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2569.162	40025.06	13.63708
TJ/y	TJ/y	
91.43521	1424.473	
milE/y		
1.02561		

TJ/y
289.545
1043.492
biorefTJ/y
0

TOTcomb
13.63708

CO2 i Cen	CO2 i Sud	CO2 i Tot	Dif CO2	CO2 tot	incom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
142584	209811	352000	-10063.94	10063.94	-0.402558

BIO	WASTE
0	0

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	SalOPSEE	Cfix C1
	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	Th(e3) E/y	Th(e3) E/y
	647	209	2028	767.7814	85.30905	103	18	82	2028	399.20	0.80	319.36	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	0.00	5309.15

Tip sursa

CAF G	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 Chimel		
Turbina Gaz Chimel		

S ext M	S ext in	T M	T in	S mil ech	Intemis	Savc prod	Durata M	% gaz	% bio	% lgnit	cap gaz	cap bio	cap lign	CCOap gz	CCOap bio	CCOap lig	cons gaz	cons bio	cons lignit	cap ee gz	cap ee bio	cap ee lig	cons ee	prod eeIC2	prod ee	CO2	Dmix gS	Dmid gS	SO2	Heat del N	El vinz.	El cump	Cota elcog
Gcal/h	Gcal/h	h	h	Gcal/h	%	Gcal/h	h/y	%	%	%	Nmc/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	E3Nmc/y	t/y	t/y	MWh/Gcal	MWh/Gcal	MWh/Gcal	MWh/y	MWh/Gcal	MWh/y	t/y	Nmc/h	Nmc/h	mg/Nmc	T.J/y	MWh/y	MWh/y	
0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	1	1	0	0	0	1	100	0	0	130.719	0	0	0.263316	0	0	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0	0	0.263316	0	0	11.76471	0	0	10.12	0	0	0.9108	0	0	23.69642	0	0	0	0.37683	0	-0.9108	1
10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0	0	0.263316	0	0	74.5098	0	0	10.12	0	0	5.7684	0	0	150.09	0	0	0	2.38659	0	-5.7684	1
10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0	0	0.263316	0	0	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24890.39	19335.11	0	5.73619	0	-13.8644	1
10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0	0	0.263316	0	0	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24890.39	17370.47	0	13.18905	0	-31.878	1
10	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	6049.412	0	0	10.12	0	0	623.16936	0	0	16214.46	77659.07	43862.06	0	257.8271	0	-623.1694	1
31.1	0	453	3507	17.5586	0	17.5586	3507	100	0	0	130.719	0	0	0.263316	0	0	20630.3	0	0	1	0	0	91.5617419	0.783144083	71706.11	41556.97	87604.64	82495.31	0	356.5332	71614.55	0	1
18.9	10.77	3507	4779	17.81804	7	19.15918	4779	100	0	0	225.3157	0	0	0.453368	0	0	9543.201	0	0	5.9	0	0	202.818017	0.159043294	5467.262	19223.5	0	0	0	143.932	5264.444	0	1
10.77	6.5	0	3981	8.635	0	8.635	3981	100	0	0	277.6128	0	0	0.559214	0	0	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	100	0	0	127.6772	0	0	0.257592	0	0	0	0	0	1	0	0	0	1.11884118	0	0	0	0	0	0	0	0	1
0.00	0.00	0.00	0.00	0	0	0	0	100	0	0	250	0	0	0.503591	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	5.9	0	0	0	0.88	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	100	0	0	127.6772	0	0	0.257592	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1
0	0	0	0	0	0.35	0	0	100	0	0	117.6471	0	0	0.236984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
																	38900.04	0	0	Cogen	0	0	0	0	0	78358.9	216154.4	163062.9		76878.99			
																			0	V	0	0	0	0									

ee pr C1	ee prC2	ee ca C1	ee ca C2	El inco C1	El inco C2	Elinc Tot	El bonus	congaeC1	coetg C1	CongaeC2	coetgC2	Cons lig	coat lign	costcomb	prod cald	D dif %	ee dispo	OmgSSud	SO2 mix	SO2 C2	SO2 rem	SO2 emC2	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2
MWh/y	MWh/y	MWh/y	t/MWh/y	mil E/y	mil E/y	milE/y	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	milE/y	TJ/y		MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	76878.99	-629.8486	-45.7424	0	5.227771	5.227771	0	8135.686	3.247766	30764.35	9.824904	0	0	13.07267	779.981	1.588934	73817.51	1630629	0	0	0	0	0	19.39951545	73.35749	0	0

Hdeltv	TJ/y
H livr C1	248.391
H livr C2	519.3905
H livr C1	85.30905
H livr P1	582.3

Epomp+si	MWh/y	milE/y
T C1	10.51702	0.000919
T C2	64.97059	0.006288
D PT	2015.172	0.244743
D CT	295.23	0.035856
C1	629.8486	0.055011
C2	45.7424	0.004427
TOTAL	3061.481	0.347243

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2569.162	41469.2	14.09828
TJ/y	TJ/y	
91.43521	1475.868	
milE/y		
1.02561		

TJ/y
289.545
1094.888
biorefTJ/y
0

TOTcomb
14.09828

CO2 i Cen	CO2 i Sud	CO2 i Tot	Dif CO2	CO2 tot	incom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
142584	209811	352000	-10063.94	10063.94	-0.402558

BIO	WASTE
0	0

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CO2 inf t/y	211663.9	187813.5	202075.3	197399.8	82214.03	81189.31	80193.09	77003.67	76009.7	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	78358.9

eff evolution				med load	% maxload
10.77	6.5	0	3576	8.63	0.45
18.9	10.77	3431	5064	17.81	0.94

10.77/18.9=.57

Pg 1 - continuare intrebare
Pg 1 - col 2

W H price E/TJ	Pret CO2 Et	Pret TSO2 Et	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
[illegible]	23	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
[illegible]	24	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	2009.00
[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
[illegible]	26	0	0.20	0	0	29.77	29.77	14.49	14.49	4305.59	0.00	1166.52	0.00	0.00	7118.15	0.00	0.00	0.00	0.00	1.00	2011.00
[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
[illegible]	28	0	0.20	0	0	29.77	29.77	14.49	14.49	4536.80	0.00	1231.27	0.00	0.00	7118.15	173.00	0.00	0.00	0.00	1.00	2013.00
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[illegible]	41	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
[illegible]	42	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
[illegible]	43	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

	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 NOKCAFC2 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	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t
	0.97	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	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	127.00	0.00	0.00	90.00	1099.00
	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	450 mg	200 mg							450mg	200mg												
	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						
	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00																						

Definiere coloane, valorile si limite	
z1	CAF GAS L 1
z2	CAF GAS L 2
z3	CAF GAS L3
z4	CAF GAS L 4
z5	CAF GAS L 5
z6	CAF GAS L 6
z7	CAF GAS L 7
z8	Turbina Gaz Chimiei
z9	Turbina Gaz Chimiei
z10	
z11	
z12	
z13	
z14	
z15	

	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 NOKCAFC2 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	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t
	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	67.00	0.00	0.00	0.00	0.00	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	127.00	0.00	0.00	90.00	1099.00
															450 mg	200 mg							450mg	200mg													

	Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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
	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
	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	0.26962	0	0	1	0	0	2.53E-14	0	0	0
	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
	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
	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	0	1	0	3.19E-13	0	0	0
	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	7.360769	0	0	0	1	0	6.9E-13	0	0	0
	35589.5	12561	6908	545.0974	90	52	90	29	87	39.55	86	0	545.0974	545.0974	0	0	0	0	0	0	67	36.52153	0	0	1	0	0	3.43E-12	0	0	0
	35589.5	12561	6908	862.1789	87.32736	52	90	29	87	39.55	86	583.2895	499.9938	1083.283	25.64484	4.628	0	4.628	0	0	67	57.76599	0	0	0	1	1	0	0	84145.46	84145.46
	35589.5	12561	6908	246.1073	52.14982	52	90	29	87	39.55	86	41.18822	119.4131	160.6013	-34.74335	0.318888	0	0.318888	0	0	67	16.48519	0	0	0	1	1	7094.872	0	5797.969	0
	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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
	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
	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
	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	4.946888	0	TotelcogG 4.946888	TotelcogS 0									7094.872	0	89943.43	84145.46

Products		
Heat sold	TJ/y	923
Losses	TJ/y	469
Heat C1	TJ/y	506.2806
Heat C2	TJ/y	702.0424
Heat CT	TJ/y	134.4782
HeatDwell	TJ/y	791.5846
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	89943.43
El Cogen	MWh/y	89943.43
El hef Cog	MWh/y	84145.46
El Tot	MWh/y	89943.43

Emmiss		
CO2	t/y	1045297
SO2 C2	t/y	0
NOx C1	t/y	38.71838
NOx C2	t/y	85.01514
Dust C2	t/y	0
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	127.00
EM verif		
CO2 limit		OK
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		13.81355
biomass		6.672169
waste H		0
others		0
TOTAL		21.48574
Fuel cons		
gsE3Mc/y		85942.03
Coal t/y		0
biom t/y		35654.54
gas TJ/y		1990.849
coal TJ/y		0
biom TJ/y		1268.927
Total TJ/y		3259.876

O&Mcos	mil E	
Tpump&ts		0.167225
D pump		0.272285
DESOX		0
Free		0
Ist Depr		0.87
Sal		5.126
Cfix		7.11815
Others		0
TOTAL		14.37072
Electr Inc	mil E	
C1		0
C2		4.946888
Total		4.946888
CO2 Inc	mil E	3.711759

	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 NOKCAFC2 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	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t
	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	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
															550mg	250mg							450mg	200mg													

	Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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				
	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				
	35589.5	12561	6908	2.675028	90	52	90	29	87	39.55	86	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				
	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				
	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497
	35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497
	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				
	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	1	-48.36873	0	0	0	1	28.0944	210	0.497

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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				
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				
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
35589.5	12561	6908	1463.458	43.06893	52	90	29	87	39.55	86	812.1433	418.0048	1230.148	-15.94237	0	0	0	0	3111.993	260	380.4991	250	204.8249	0	1	1	94083.85	40502.01	33510.58	0	1	101.7598	230	0.497
35589.5	12561	6908	338.2198	82.1352	52	90	33	87	39.55	86	114.5882	275.1424	389.7306	15.22997	0.524513	0.092561	0.141618	0.382894	724.3794	260	87.93715	250	47.39998	0	1	1	0	1595.88	9043.32	9043.32	1	52.07439	52.07439	0.2
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	1.702432	0.285
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	-0.111738	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	0	0
															2.367144	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	276.8453
Heat C2	TJ/y	871.1284
Heat CT	TJ/y	127.5526
HeatDwell	TJ/y	769.2672
HeatPublic	TJ/y	30.496
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	2839.357
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	127.00
EM verif		
CO2 [illegible]		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		
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		3.29
CT		0.00
TOTAL	mil E	3.39

Fuelcosts	mil E	
coal		5.597545
gas		11.51933
biomass		0
waste H		0
others		0
TOTAL		17.11687
Fuel cons		
gsE3Mc/y		40448.84
Coal t/y		193152
biom t/y		0
gas TJ/y		1439.554
coal TJ/y		1334.294
biom TJ/y		0
Total TJ/y		2773.848

O&Mcos	mil E	
Tpump&is		0.745316
D pump		0.360569
DESOX		0
Free		0
Ist Depr		0.94
Sal		5.125
Cfx		7.11815
Others		0
TOTAL		14.29118
Electr Inc	mil E	
C1		0
C2		2.459705
Total		2.459705
CO2 Inc	mil E	1.032401

Cfx C2 Th(e3) E/y	Cfx PT Th(e3) E/y	Cfx CT Th(e3) E/y	CfxOPSE 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	NOICAFC2 0 or 1(act)	NOI CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxl CAF1 0 or 1	NOxl CAF2 0 or 1	NOxl CAF3 0 or 1	NOxl CAF4 0 or 1	NOxl 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
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	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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				
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				
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				
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				
35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497
35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497
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				
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	-48.36873	0	0	0	1	28.0944	210	0.497
35589.5	12561	6908	399.7896	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				
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				
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
35589.5	12561	6908	1463.458	42.23068	52	90	29	87	39.55	86	816.8672	402.1312	1218.998	-16.70425	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	230	0.497
35589.5	12561	6908	338.2198	82.1352	52	90	33	87	39.55	86	114.5882	275.1424	389.7306	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	52.07439	0.2
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	1.702432	0.285
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	-0.111738	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	0	0
															1.926901	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	366
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	28.677
El Tot C1	MWh/y	0
El Tot C2	MWh/y	107611.1
El Cogen	MWh/y	63810.17
El hef Cog	MWh/y	31572.15
El Tot	MWh/y	107611.1

Emmiss		
CO2	t/y	187813.6
SO2 C2	t/y	3838.357
NOx C1	t/y	0.591522
NOx C2	t/y	496.5121
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 [illegible]		OK
SO2 C2		WRONG
NOx C1		OK
NOx C2		OK
Dust C2		WRONG

Inv LCP	mil E	12.04
C 1	mil E	5.63
F		0
LOilTank		0
F		0
CAF 100		5.63
F		0
F		0
C2	mil E	6.41
St boil 15 t/h		0
LOilTank		0
F		0
GAS duct		5
Comb Cy		5
Water ep		0
Col cen		0.00
Inch dep		0.41
Waste Pl		0

Inv NET	mil E	7.04
Tr Pump		1.36
Tr NET		0.00
PT		0.00
Dist NET		5.69
CT		0.00
TOTAL	mil E	19.08

Fuelcosts	mil E	
coal		5.597546
gas		8.525287
biomass		0
waste H		0
others		0
TOTAL		14.12283
Fuel cons		
gsE3Mc/y		28395.31
Coal t/y		193152
biom t/y		0
gas TJ/y		1010.675
coal TJ/y		1334.294
biom TJ/y		0
Total TJ/y		2344.969

O&Mcos	mil E	
Tpump&is		0.693572
D pump		0.357488
DESOX		0
Free		0
Ist Depr		0.89
Sal		5.304376
Cfx		7.11815
Others		0
TOTAL		14.36547
Electr Inc	mil E	
C1		0
C2		2.02325
Total		2.02325
CO2 Inc	mil E	1.629663

Cfx C2 Th(e3) E/y	Cfx PT Th(e3) E/y	Cfx CT Th(e3) E/y	CfxOPSE 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	NOICAFC2 0 or 1(act)	NOI CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxl CAF1 0 or 1	NOxl CAF2 0 or 1	NOxl CAF3 0 or 1	NOxl CAF4 0 or 1	NOxl 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
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	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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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				
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				
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				
35589.5	12561	6908	270.3186	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				
35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497
35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497
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				
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	-48.36873	0	0	0	1	28.0944	210	0.497
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				
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				
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
35589.5	12561	6908	1463.458	42.23068	52	90	29	87	39.55	86	816.8672	402.1312	1218.998	-16.70425	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	230	0.497
35589.5	12561	6908	338.2198	82.1352	52	90	33	87	39.55	86	114.5882	275.1424	389.7306	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	52.07439	0.2
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	1.702432	0.285
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	-0.111738	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	0	0
															2.017324	0.103732	TotelcogG	TotelcogS									#DIV/0!	43800.94	62273.78	31035.75				
																	1.588203	0.429121																

Products		
Heat sold	TJ/y	841

Emmiss		
CO2	t/y	202075.3

Inv LCP	mil E	0.668
C 1	mil E	0.558
F		

Inv NET	mil E	8.42
Tr Pump		0.81
Tr NET		0.00

Fuelcosts	mil E	[illegible]

O&Mcos	mil E	
Tpump&is		0.078416

Losses	TJ/y	313	SO2 C2	t/y	2825.357	LOilTank	0	PT	0.00	coal	5.697845	D pump	0.356748
Heat C1	TJ/y	220.2819	NOx C1	t/y	18.11166	F	0	Dist NET	4.91	gas	12.14034	DESOX	0
Heat C2	TJ/y	799.4972	NOx C2	t/y	494.6243	CAF 100	0.558	CT	0.00	biomass	0	Free	0
Heat CT	TJ/y	1133.3843	Dust C2	t/y	292.2257	F	0	TOTAL mil E	5.98	waste H	0	Ist Depr	0.78
HeatDwell	TJ/y	721.2416	Emm lim			F	0			others	0	Sal	5.474115
HeatPublic	TJ/y	28.694	CO2	t/y	253000	C2 mil E	0			TOTAL	17.73788	Cfix	7.11315
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	St boil 15 t/h	0			Fuel cons		Others	0
H Services	TJ/y	27.153	NOx C1	t/y	20	LOilTank	0			gsE3Mc/y	35262.02	TOTAL	13.81394
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	F	0			Coal t/y	193152	Electr Inc mil E	
El Tot C2	MWh/y	107074.7	Dust C2	t/y	22.00	GAS duct	0			biom t/y	0	C1	0
El Cogen	MWh/y	63272.76	EM verif			Comb Cy	0			gas TJ/y	1254.066	C2	2.121056
El hef Cog	MWh/y	31035.75	SO2 C1		OK	Water ep	0			coal TJ/y	1334.294	Total	2.121056
El Tot	MWh/y	107074.7	SO2 C2		WRONG	Col cen	0.00			biom TJ/y	0	CO2 Inc mil E	1.324042
			NOx C1		OK	Inch dep	0			Total TJ/y	2589.252		
			NOx C2		OK								
			Dust C2		WRONG	Waste Pl	0						

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOICAFC2	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	PI S 7 C2	PI D 7 C2	PI N C2
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	t	t	t
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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				
35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	57	0	0	0	1	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	57	0	0	0	1	0	0	0	0	0						
35589.5	12561	6908	259.0553	85.5	52	90	29	87	39.55	86	0	246.1026	246.1026	0	0	0	0	0	0	57	17.35671	0	0	1	0	0	1.63E-12	0	0	0					
35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497	
35589.5	12561	6908	0.492964	0.849352	50	90	29	87	39	86	0	0.004825	0.004825	-99.02116	0	0	0	0	0.990165	303	0.149368	100	0.033354	0	0	1	44.64654	0	0	0	1	28.0944	210	0.497	
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					
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	-48.36873	0	0	0	1	28.0944	210	0.497	
35589.5	12561	6908	360.752	73.07037	52	90	29	87	39.55	86	220.7809	223.3067	444.0876	16.63436	1.458994	0	1.458994	0	0	67	25.51038	0	0	0	1	1	0	0	21455.8	21455.8					
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					
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	0
35589.5	12561	6908	1463.458	41.11303	52	90	29	87	39.55	86	823.1657	360.9664	1204.132	-17.72008	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	230	0.497
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	46.06561	46.06561	0.2
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	8.26E-07	1.57E-05	0.014008	260	0.001325	250	0.000752	0	1	1	0	0	0.242963	0.242963	1	1.702432	1.702432	0.285
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	-0.111738	0	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					
															2.003001	0.095998	TotelcogG	TotelcogS									#DIV/0!	45887.54	59997.19	29455.9				
																	1.605872	0.397129																	

Products			Emmiss			Inv LCP	mil E		Inv NET	mil E		Fuelcosts mil E			O&Mcos	mil E	
Heat sold	TJ/y	813	CO2	t/y	197399.8	C 1	mil E	0.748	Tr Pump		0.00	coal		5.476898	Tpump&is		0.073221
Losses	TJ/y	251	SO2 C2	t/y	3755.778	F		0	Tr NET		0.00	gas		11.75398	D pump		0.352214
Heat C1	TJ/y	200.268	NOx C1	t/y	17.35707	LOilTank		0	PT		0.00	biomass		0	DESOX		0
Heat C2	TJ/y	748.4159	NOx C2	t/y	434.0894	F		0	Dist NET		3.98	waste H		0	Free		0
Heat CT	TJ/y	1061.3002	Dust C2	t/y	246.7564	CAF 100		0	CT		0.00	others		0	Ist Depr		0.85
HeatDwell	TJ/y	697.2288	Emm lim			F		0	TOTAL	mil E	4.73	TOTAL		17.22958	Sal		5.62739
HeatPublic	TJ/y	27.642	CO2	t/y	253000	F		0				Fuel cons			Cfix		7.63015
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	C2	mil E	0.748				gsE3Mc/y		34184.31	Others		0
H Services	TJ/y	26.829	NOx C1	t/y	20	St boil 15 t/h		0				Coal t/y		188947.6	TOTAL		14.33982
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	105884.7	Dust C2	t/y	22.00	F		0				gas TJ/y		1218.602	C1		0
El Cogen	MWh/y	59997.19	EM verif			GAS duct		0				coal TJ/y		1305.249	C2		2.066399
El hef Cog	MWh/y	29455.9	SO2 C1		OK	Comb Cy		0				biom TJ/y		0	Total		2.066399
El Tot	MWh/y	105884.7	SO2 C2		WRONG	Water ep		0				Total TJ/y		2521.851	CO2 Inc	mil E	1.601206
			NOx C1		OK	Col cen		0.00									
			NOx C2		OK	Inch dep		0.748									
			Dust C2		WRONG												
						Waste Pl		0									

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOICAFC2	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	PI S 7 C2	PI D 7 C2	PI N C2
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	t	t	t
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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				
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						
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						
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					
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					
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	0	1	0	8.11E-14	0	0	0					
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	0	1	0	1.49E-13	0	0	0					
35589.5	12561	6908	337.1863	90	52	90	29	87	39.55	86	0	337.1863	337.1863	0	0	0	0	0	0	67	22.59148	0	0	1	0	0	2.12E-12	0	0	0					
35589.5	12561	6908	790.227	87.32845	52	90	29	87	39.55	86	534.0564	458.5983	992.6548	25.61641	5.238918	0	5.238918	0	0	67	52.94521	0	0	0	1	1	0	77042.91	77042.91						
35589.5	12561	6908	281.7029	49.80249	52	90	29	87	39.55	86	38.32455	134.4222	172.7468	-38.67767	0.36484	0	0.36484	0	0	67	18.87409	0	0	0	1	1	8247.716	0	5365.292	0					
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	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	67	0	0	0	0	1	1	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					
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					
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					
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					
															5.603758	0	TotelcogG	TotelcogS									8247.716	0	82408.2	77042.91				
																	5.603758	0																	

Products			Emmiss			Inv LCP	mil E		Inv NET	mil E		Fuelcosts mil E			O&Mcos	mil E	
Heat sold	TJ/y	788	CO2	t/y	8247.716	C 1	mil E	1.756	Tr Pump		4.54	coal		0	Tpump&is		0.085533
Losses	TJ/y	209	SO2 C2	t/y	0	F		0	Tr NET		0.00	gas		14.99979	D pump		0.339057
Heat C1	TJ/y	326.9878	NOx C1	t/y	23.04812	LOilTank		0	PT		0.00	biomass		0	DESOX		0
Heat C2	TJ/y	666.6702	NOx C2	t/y	74.27237	F		0	Dist NET		4.54	waste H		0	Free		0
Heat CT	TJ/y	99.29533	Dust C2	t/y	0	CAF 100		0	CT		0.00	others		0	Ist Depr		0.85
HeatDwell	TJ/y	674.6736	Emm lim			F		0	TOTAL	mil E	8.38	TOTAL		14.99979	Sal		5.768075
HeatPublic	TJ/y	28.724	CO2	t/y	Relative	F		0				Fuel cons			Cfix		7.29115
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	C2	mil E	1.756				gsE3Mc/y		43804.23	Others		0
H Services	TJ/y	25.938	NOx C1	t/y	20	St boil 15 t/h		0				Coal t/y		0	TOTAL		14.13391
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	82408.2	Dust C2	t/y	22.00	F		0				gas TJ/y		1553.971	C1		0
El Cogen	MWh/y	82408.2	EM verif			GAS duct		0				coal TJ/y		0	C2		5.603758
El hef Cog	MWh/y	77042.91	SO2 C1		WRONG	Comb Cy		0							Total		5.603758
						Water ep		0									

El Tot	MWh/y	82408.2

EM verif	
SO2 C2	OK
NOx C1	WRONG
NOx C2	OK
Dust C2	OK

Col cen	0.00
Inch dep	1.756
Waste Pl	0

biom TJ/y	0
Total TJ/y	1558.971

CO2 Inc	mil E	-0.230935

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOICAFC2	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	PIN1234C1	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
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	t	t	t
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	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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz	Ql Bio	Ql 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
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
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
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
35589.5	12561	6908	1.395667	90	52	90	29	87	39.55	86	0	1.395667	1.395667	0	0	0	0	0	0	67	0.09351	0	0	1	0	0	8.77E-15	0	0	0
35589.5	12561	6908	4.722006	90	52	90	29	87	39.55	86	0	4.722006	4.722006	0	0	0	0	0	0	67	0.316374	0	0	1	0	0	2.97E-14	0	0	0
35589.5	12561	6908	11.44447	90	52	90	33	87	39.55	86	0	11.44447	11.44447	0	0	0	0	0	0	67	0.766779	0	0	0	1	0	7.19E-14	0	0	0
35589.5	12561	6908	21.56305	90	52	90	33	87	39.55	86	0	21.56305	21.56305	0	0	0	0	0	0	67	1.444724	0	0	0	1	0	1.35E-13	0	0	0
35589.5	12561	6908	330.0968	90	52	90	29	87	39.55	86	0	330.0968	330.0968	0	0	0	0	0	0	67	22.11649	0	0	1	0	0	2.07E-12	0	0	0
35589.5	12561	6908	775.9196	87.32802	52	90	29	87	39.55	86	524.6026	450.1669	974.7695	25.62764	5.146183	0	5.146183	0	0	67	51.98661	0	0	0	1	1	0	0	75679.16	75679.15
35589.5	12561	6908	289.2985	49.35538	52	90	29	87	39.55	86	37.63243	137.6042	175.2366	-39.42706	0.357767	0	0.357767	0	0	67	19.383	0	0	0	1	1	8494.883	0	5261.285	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															5.50395	0	TotelcogG 5.50395	TotelcogS 0									8494.883	0	80940.45	75679.16

Products		
Heat sold	TJ/y	756
Losses	TJ/y	209
Heat C1	TJ/y	308.3045
Heat C2	TJ/y	558.7008
Heat CT	TJ/y	96.33392
HeatDwell	TJ/y	650.0606
HeatPublic	TJ/y	25.772
H Industrie	TJ/y	0
H Services	TJ/y	25.014
El Tot C1	MWh/y	0
El Tot C2	MWh/y	80940.45
El Cogen	MWh/y	80940.45
El hef Cog	MWh/y	75679.15
El Tot	MWh/y	80940.45

Emmiss		
CO2	t/y	8494.883
SO2 C2	t/y	0
NOx C1	t/y	22.52637
NOx C2	t/y	73.68112
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

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		14.78426
biomass		0
waste H		0
others		0
TOTAL		14.78426
Fuel cons		
gsE3Mc/y		43206.34
Coal t/y		0
biom t/y		0
gas TJ/y		1537.692
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1537.692

O&Mcos	mil E	
Tpump&is		0.082134
D pump		0.32722
DESOX		0
Free		0
Ist Depr		0.64
Sal		5.900741
Cfix		5.52415
Others		0
TOTAL		12.47487
Electr Inc	mil E	
C1		0
C2		5.50395
Total		5.50395
CO2 Inc	mil E	-0.246352

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOICAFC2	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	PIN1234C1	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
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	t	t	t
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	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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz	Ql Bio	Ql 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
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
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
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
35589.5	12561	6908	1.139794	90	52	90	29	87	39.55	86	0	1.139794	1.139794	0	0	0	0	0	0	67	0.076366	0	0	1	0	0	7.16E-15	0	0	0
35589.5	12561	6908	4.210261	90	52	90	29	87	39.55	86	0	4.210261	4.210261	0	0	0	0	0	0	67	0.282087	0	0	1	0	0	2.65E-14	0	0	0
35589.5	12561	6908	9.932494	90	52	90	33	87	39.55	86	0	9.932494	9.932494	0	0	0	0	0	0	67	0.665477	0	0	0	1	0	6.24E-14	0	0	0
35589.5	12561	6908	19.72542	90	52	90	33	87	39.56	86	0	19.72542	19.72542	0	0	0	0	0	0	67	1.321603	0	0	0	1	0	1.24E-13	0	0	0
35589.5	12561	6908	323.803	90	52	90	29	87	39.55	86	0	323.803	323.803	0	0	0	0	0	0	67	21.6948	0	0	1	0	0	2.03E-12	0	0	0
35589.5	12561	6908	760.9281	87.32755	52	90	29	87	39.55	86	514.6945	441.3337	956.0282	25.63975	5.048993	0	5.048993	0	0	67	50.98218	0	0	0	1	1	0	0	74249.9	74249.9
35589.5	12561	6908	297.0999	48.88033	52	90	29	87	39.55	86	36.76449	140.8321	177.5966	-40.22329	0.348964	0	0.348964	0	0	67	19.90569	0	0	0	1	1	8751	0	5131.822	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															5.397957	0	TotelcogG 5.397957	TotelcogS 0									8751	0	79381.72	74249.9

Products		
Heat sold	TJ/y	730
Losses	TJ/y	209
Heat C1	TJ/y	289.7114
Heat C2	TJ/y	550.6412
Heat CT	TJ/y	93.37252
HeatDwell	TJ/y	826.048
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	79381.72
El Cogen	MWh/y	79381.72
El hef Cog	MWh/y	74249.9
El Tot	MWh/y	79381.72

Emmiss		
CO2	t/y	8751
SO2 C2	t/y	0
NOx C1	t/y	22.85326
NOx C2	t/y	72.87496
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

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		14.57487
biomass		0
waste H		0
others		0
TOTAL		14.57487
Fuel cons		
gsE3Mc/y		42622.59
Coal t/y		0
biom t/y		0
gas TJ/y		1516.917
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1516.917

O&Mcos	mil E	
Tpump&is		0.078965
D pump		0.315384
DESOX		0
Free		0
Ist Depr		0.51
Sal		5.900741
Cfix		5.52415
Others		0
TOTAL		12.32549
Electr Inc	mil E	
C1		0
C2		5.397957
Total		5.397957
CO2 Inc	mil E	-0.26263

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim S	NOICAFC2	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	PIN1234C1	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
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	t	t	t
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Ql gaz	Ql Bio	Ql 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
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
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

SAU
pp 5

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
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
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
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
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	0	1	0	5.04E-14	0	0	0
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	0	1	0	1.06E-13	0	0	0
35589.5	12561	6908	298.4833	90	52	90	29	87	39.55	86	0	298.4833	298.4833	0	0	0	0	0	0	67	19.99838	0	0	1	0	0	1.88E-12	0	0	0
35589.5	12561	6908	700.6274	87.32702	52	90	29	87	39.55	86	474.1479	406.2161	880.364	25.65366	4.651248	0	4.651248	0	0	67	46.94204	0	0	0	1	1	0	0	68400.71	68400.71
35589.5	12561	6908	331.9761	48.40528	52	90	29	87	39.55	86	38.97646	156.8246	195.8011	-41.01952	0.369311	0	0.369311	0	0	67	22.2424	0	0	0	1	1	9808.481	0	5431.046	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	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
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
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
35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	5.020559	0	TotelcogG	TotelcogS									9808.481	0	73831.76	68400.71

Products			Emmiss			Inv LCP	mil E		Inv NET	mil E		Fuelcosts	mil E		O&Mcos	mil E	
Heat sold	TJ/y	703	CO2	t/y	9808.481	C 1	mil E	0	Tr Pump	0	0.00	5.020559	0		Tpump&is	0.071581	
Losses	TJ/y	209	SO2 C2	t/y	0	F		0	Tr NET	0	0.00	Fuelcosts	mil E		D pump	0.303959	
Heat C1	TJ/y	285.2345	NOx C1	t/y	20.25763	LOilTank		0	PT	0	0.00	coal	0		DESOX	0	
Heat C2	TJ/y	529.179	NOx C2	t/y	70.65614	F		0	Det NET	0	0.00	gas	13.97578		Free	0	
Heat CT	TJ/y	80.49039	Dust C2	t/y	0	CAF 100		0	CT	0	0.00	biomass	0		ist Depr	0.30	
HeatDwell	TJ/y	602.8928	Emm lim			F		0	TOTAL	mil E	0.00	waste H	0		Sal	5.900741	
HeatPublic	TJ/y	25.902	CO2	t/y	Relative	F		0				others	0		Cfix	5.52415	
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	C2	mil E	0				TOTAL	13.97578		Others	0	
H Services	TJ/y	23.199	NOx C1	t/y	20	St boil 15 t/h		0				Fuel cons			TOTAL	12.25897	
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	LOilTank		0				gsE3Mc/y	40952.46		Electr Inc	mil E	
El Tot C2	MWh/y	73831.76	Dust C2	t/y	22.00	F		0				Coal t/y	0		C1	0	
El Cogen	MWh/y	73831.76	EM verif			GAS duct		0				biom t/y	0		C2	5.020559	
El hef Cog	MWh/y	68400.71	CO2 inst		WRONG	Comb Cy		0				gas TJ/y	1457.479		Total	5.020559	
El Tot	MWh/y	73831.76	SO2 C2		OK	Water ep		0				coal TJ/y	0		CO2 Inc	mil E	0.204063
			NOx C1		WRONG	Col cen		0.00				biom TJ/y	0				
			NOx C2		OK	Inch dep		0				Total TJ/y	1457.479				
			Dust C2		OK												
						Waste Pi		0									

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 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	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t
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 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	0.00	90.00	1099.00

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
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
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
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
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
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	0	1	0	4.27E-14	0	0	0
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	0	1	0	9.68E-14	0	0	0
35589.5	12561	6908	292.1172	90	52	90	29	87	39.55	86	0	292.1172	292.1172	0	0	0	0	0	0	67	19.57185	0	0	0	1	0	1.84E-12	0	0	0
35589.5	12561	6908	685.2829	87.32652	52	90	29	87	39.55	86	463.9842	397.1881	861.1723	25.65669	4.551551	0	4.551551	0	0	67	45.91396	0	0	0	1	1	0	0	68934.57	68934.57
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	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
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
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
35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	4.909533	0	TotelcogG	TotelcogS									10063.94	0	72199.01	68934.57

Products			Emmiss			Inv LCP	mil E		Inv NET	mil E		Fuelcosts	mil E		O&Mcos	mil E	
Heat sold	TJ/y	674	CO2	t/y	10063.94	C 1	mil E	0	Tr Pump	0	0.00	4.909533	0		Tpump&is	0.065707	
Losses	TJ/y	209	SO2 C2	t/y	0	F		0	Tr NET	0	0.00	Fuelcosts	mil E		D pump	0.291711	
Heat C1	TJ/y	265.474	NOx C1	t/y	19.61165	LOilTank		0	PT	0	0.00	coal	0		DESOX	0	
Heat C2	TJ/y	521.3732	NOx C2	t/y	70.15649	F		0	Det NET	0	0.00	gas	13.76564		Free	0	
Heat CT	TJ/y	87.4497	Dust C2	t/y	0	CAF 100		0	CT	0	0.00	biomass	0		ist Depr	0.45	
HeatDwell	TJ/y	578.9224	Emm lim			F		0	TOTAL	mil E	0.00	waste H	0		Sal	6.900741	
HeatPublic	TJ/y	22.916	CO2	t/y	Relative	F		0				others	0		Cfix	6.03815	
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	C2	mil E	0				TOTAL	13.76564		Others	0	
H Services	TJ/y	22.242	NOx C1	t/y	20	St boil 15 t/h		0				Fuel cons			TOTAL	12.74893	
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	LOilTank		0				gsE3Mc/y	40347.44		Electr Inc	mil E	
El Tot C2	MWh/y	72199.01	Dust C2	t/y	22.00	F		0				Coal t/y	0		C1	0	
El Cogen	MWh/y	72199.01	EM verif			GAS duct		0				biom t/y	0		C2	4.909533	
El hef Cog	MWh/y	68934.57	CO2 inst		WRONG	Comb Cy		0				gas TJ/y	1436.657		Total	4.909533	
El Tot	MWh/y	72199.01	SO2 C2		OK	Water ep		0				coal TJ/y	0		CO2 Inc	mil E	-0.322046
			NOx C1		OK	Col cen		0.00				biom TJ/y	0				
			NOx C2		OK	Inch dep		0				Total TJ/y	1436.657				
			Dust C2		OK												
						Waste Pi		0									

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 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	PI S 7 C2 t	PI D 7 C2 t	PI N C2 t
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 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	0.00	90.00	1099.00

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
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
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
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
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	0.177868	0	0	1	0	0	1.67E-14	0	0	0
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	0	1	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	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
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

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
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
														4.886886		0 TotelcogG	TotelcogS										10063.94	0	71865.97	66601.53
																4.886886	0													

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
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	71865.97
El Cogen	MWh/y	71865.97
El hef Cog	MWh/y	66601.53
El Tot	MWh/y	71865.97

Emmiss		
CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
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	
Inv LCP	mil E	
C 1	mil E	
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
		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

		4.886886
0 TotelcogG	TotelcogS	0
	4.886886	0

Fuelcosts	mil E	
coal		0
gas		13.63708
biomass		0
waste H		0
others		0
TOTAL		13.63708
Fuel cons		
gsE3Mc/y		40025.08
Coal t/y		0
biom t/y		0
gas TJ/y		1424.473
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1424.473

O&Mcos	mil E	
Tpump&is		0.066844
D pump		0.280598
DESOX		0
Free		0
1st Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.10759
Electr Inc	mil E	
C1		0
C2		4.886886
Total		4.886885
CO2 Inc	mil E	-0.33211

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	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	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
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

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	Viecogc+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
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
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
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
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
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															4.886885		0 TotelcogG	TotelcogS									10063.94	0	71865.97	66601.53
																	4.886886	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
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	71865.97
El Cogen	MWh/y	71865.97
El hef Cog	MWh/y	66601.53
El Tot	MWh/y	71865.97

Emmiss		
CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
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	
C 1	mil E	
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		13.63708
biomass		0
waste H		0
others		0
TOTAL		13.63708
Fuel cons		
gsE3Mc/y		40025.08
Coal t/y		0
biom t/y		0
gas TJ/y		1424.473
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1424.473

O&Mcos	mil E	
Tpump&is		0.066844
D pump		0.280598
DESOX		0
Free		0
1st Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.0548
Electr Inc	mil E	
C1		0
C2		4.886886
Total		4.886886
CO2 Inc	mil E	-0.342174

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	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	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
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

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	Viecogc+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
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
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
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
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
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															4.886886		0 TotelcogG	TotelcogS									10063.94	0	71865.97	66601.53
																	4.886886	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
Heat CT	TJ/y	85.30905
HeatDwell	TJ/y	554.8872
HeatPublic	TJ/y	21.998

Emmiss		
CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
Dust C2	t/y	0
Emm lim		
CO2	t/y	Relative

Inv LCP	mil E	
C 1	mil E	
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		13.63708
biomass		0
waste H		0
others		0
TOTAL		13.63708

O&Mcos	mil E	
Tpump&is		0.066844
D pump		0.280598
DESOX		0
Free		0
1st Depr		0.32
Sal		5.900741
Cfix		5.48215

CA7
Pg 2

H industrie TJ/y	0	SO2 C2 t/y	0.00	St boil 15 t/h	0	Fuel cons	40025.08
H Services TJ/y	21.351	NOx C1 t/y	20	LOilTank	0	gsE3Mc/y	0
El Tot C1 MWh/y	0	NOx C2 t/y	0.00	F	0	Coal t/y	0
El Tot C2 MWh/y	71865.97	Dust C2 t/y	22.00	GAS duct	0	biom t/y	1424.473
El Cogen MWh/y	71865.97	EM verif		Comb Cy	0	gas TJ/y	0
El hef Cog MWh/y	66601.53	CO2 limit	WRONG	Water ep	0	coal TJ/y	0
El Tot MWh/y	71865.97	SO2 C2	OK	Col cen	0.00	biom TJ/y	1424.473
		NOx C1	OK	Inch dep	0	Total TJ/y	
		NOx C2	OK				
		Dust C2	OK	Waste Pl	0		

Others	0	
TOTAL	12.04694	
Electr Inc	mil E	
C1	0	
C2	4.886886	
Total	4.886886	
CO2 Inc	mil E	-0.352238

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOICAFC2	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	PI S 7 C2	PI D 7 C2	PI N C2
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	t	t	t
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Gl gaz kJ/Nmc	Gl Bio kJ/kg	Gl 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
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
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
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
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
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
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
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	1	1	10063.94	0	5264.444	0
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
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	1	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	67	0	0	0	1	1	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
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
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
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
															4.886886		0	TotelcogG	TotelcogS							10063.94	0	71865.97	66601.53
																		4.886886	0											

Products			Emmlss				Inv LCP	mil E		Inv NET	mil E		Fuelcosts mil E			O&Mcos	mil E	
Heat sold	TJ/y	647	CO2	t/y	10063.94		C 1	mil E	0	Tr Pump	0	0.00	coal		0	Tpump&is		0.066644
Losses	TJ/y	209	SO2 C2	t/y	0		F		0	Tr NET	0	0.00	gas		13.63708	D pump		0.280598
Heat C1	TJ/y	248.391	NOx C1	t/y	19.39952		LOilTank		0	PT	0	0.00	biomass		0	DESOX		0
Heat C2	TJ/y	519.3905	NOx C2	t/y	69.91399		F		0	Dist NET	0	0.00	waste H		0	Free		0
Heat CT	TJ/y	85.30905	Dust C2	t/y	0		CAF 100		0	CT	0	0.00	others		0	Ist Depr		0.31
HeatDwell	TJ/y	654.6872	Emm lim				F		0	TOTAL	mil E	0.00	TOTAL		13.63708	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				gsE3Mc/y		40025.08	Others		0
H Services	TJ/y	21.351	NOx C1	t/y	20		St boil 15 t/h		0				Coal t/y		0	TOTAL		12.04835
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	71865.97	Dust C2	t/y	22.00		F		0				gas TJ/y		1424.473	C1		0
El Cogen	MWh/y	71865.97	EM verif				GAS duct		0				coal TJ/y		0	C2		4.886886
El hef Cog	MWh/y	66601.53	CO2 limit		WRONG		Comb Cy		0				biom TJ/y		0	Total		4.886886
El Tot	MWh/y	71865.97	SO2 C2		OK		Water ep		0				Total TJ/y		1424.473	CO2 Inc	mil E	-0.362302
			NOx C1		OK		Col cen		0.00									
			NOx C2		OK		Inch dep		0									
			Dust C2		OK		Waste Pl		0									

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOICAFC2	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	PI S 7 C2	PI D 7 C2	PI N C2
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	t	t	t
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	0.00	90.00	1099.00
														550mg	250mg							450mg	200mg												

Gl gaz kJ/Nmc	Gl Bio kJ/kg	Gl 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
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
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
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
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
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
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
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	1	1	10063.94	0	5264.444	0
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
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	1	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
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
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
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
															4.886886		0	TotelcogG	TotelcogS							10063.94	0	71865.97	66601.53
																		4.886886	0											

Products			Emmlss				Inv LCP	mil E		Inv NET	mil E		Fuelcosts mil E			O&Mcos	mil E	
Heat sold	TJ/y	647	CO2	t/y	10063.94		C 1	mil E	0	Tr Pump	0	0.00	coal		0	Tpump&is		0.066644
Losses	TJ/y	209	SO2 C2	t/y	0		F		0	Tr NET	0	0.00	gas		13.63708	D pump		0.280598
Heat C1	TJ/y	248.391	NOx C1	t/y	19.39952		LOilTank		0	PT	0	0.00	biomass		0	DESOX		0
Heat C2	TJ/y	519.3905	NOx C2	t/y	69.91399		F		0	Dist NET	0	0.00	waste H		0	Free		0
Heat CT	TJ/y	85.30905	Dust C2	t/y	0		CAF 100		0	CT	0	0.00	others		0	Ist Depr		0.31
HeatDwell	TJ/y	654.6872	Emm lim				F		0	TOTAL	mil E	0.00	TOTAL		13.63708	Sal		5.900741
HeatPublic	TJ/y	21.998	CO2	t/y	Relative		F		0				Fuel cons			Cfix		5.99415
H Industrie	TJ/y	0	SO2 C2	t/y	0.00		C2	mil E	0				gsE3Mc/y		40025.08	Others		0
H Services	TJ/y	21.351	NOx C1	t/y	20		St boil 15 t/h		0				Coal t/y		0	TOTAL		12.55578
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	71865.97	Dust C2	t/y	22.00		F		0				gas TJ/y		1424.473	C1		0
El Cogen	MWh/y	71865.97	EM verif				GAS duct		0				coal TJ/y		0	C2		4.886886
El hef Cog	MWh/y	66601.53	CO2 limit		WRONG		Comb Cy		0				biom TJ/y		0	Total		4.886886
El Tot	MWh/y	71865.97	SO2 C2		OK		Water ep		0				Total TJ/y		1424.473	CO2 Inc	mil E	-0.372356
			NOx C1		OK		Col cen		0.00									
			NOx C2		OK		Inch dep		0									
			Dust C2		OK		Waste Pl		0									

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOICAFC2	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	PI S 7 C2	PI D 7 C2	PI N C2
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	t	t	t

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 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	0.00	90.00	1099.00	

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
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
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
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
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
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															4.886886	0	TotelcogG	TotelcogS									10063.94	0	71865.97	66601.53
																	4.886886	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
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	71865.97
El Cogen	MWh/y	71865.97
El hef Cog	MWh/y	66601.53
El Tot	MWh/y	71865.97

Emmises		
CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
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 [illegible]		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		13.63708
biomass		0
waste H		0
others		0
TOTAL		13.63708
Fuel cons		
gsE3Mc/y		40025.08
Coal t/y		0
biom t/y		0
gas TJ/y		1424.473
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1424.473

O&Mcos	mil E	
Tpump&ls		0.066644
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.035
Electr inc	mil E	
C1		0
C2		4.886886
Total		4.886886
CO2 inc	mil E	-0.38243

Cfx C2 Th(e3) E/y	Cfx PT Th(e3) E/y	Cfx CT Th(e3) E/y	CfxOPSE 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	NOICAFC2 0 or 1(act)	NOI CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxl CAF1 0 or 1	NOxl CAF2 0 or 1	NOxl CAF3 0 or 1	NOxl CAF4 0 or 1	NOxl 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
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 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	0.00	90.00	1099.00

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
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
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
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
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
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															4.886886	0	TotelcogG	TotelcogS									10063.94	0	71865.97	66601.53
																	4.886886	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
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	71865.97
El Cogen	MWh/y	71865.97
El hef Cog	MWh/y	66601.53
El Tot	MWh/y	71865.97

Emmises		
CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
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 [illegible]		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		13.63708
biomass		0
waste H		0
others		0
TOTAL		13.63708
Fuel cons		
gsE3Mc/y		40025.08
Coal t/y		0
biom t/y		0
gas TJ/y		1424.473
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1424.473

O&Mcos	mil E	
Tpump&ls		0.066644
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.03491
Electr inc	mil E	
C1		0
C2		4.886886
Total		4.886886
CO2 inc	mil E	-0.392434

Cfx C2 Th(e3) E/y	Cfx PT Th(e3) E/y	Cfx CT Th(e3) E/y	CfxOPSE 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	NOICAFC2 0 or 1(act)	NOI CAC2 0 or 1(act)	NO act C2 g/GJ	NO re C2 g/GJ	NOxl CAF1 0 or 1	NOxl CAF2 0 or 1	NOxl CAF3 0 or 1	NOxl CAF4 0 or 1	NOxl 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
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 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	0.00	90.00	1099.00

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
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
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
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
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
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0

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
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
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
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
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
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
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
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	0	0	0	0
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
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
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
															4.886886				0	TotelcogG	TotelcogS						10063.94	0	71865.97	66601.53
																				4.886886	0									

Products

Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
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	71865.97
El Cogen	MWh/y	71865.97
El hef Cog	MWh/y	66601.53
El Tot	MWh/y	71865.97

Emmies

CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
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	13.63708
biomass	0
waste H	0
others	0
TOTAL	13.63708
Fuel cons	
gsE3Mc/y	40025.08
Coal t/y	0
biom t/y	0
gas TJ/y	1424.473
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1424.473

O&Mcos mil E

Tpump&is	0.066644
D pump	0.230598
DESOX	0
Free	0
Ist Depr	0.28
Sal	5.900741
Cftx	5.48215
Others	0
TOTAL	11.93254
Electr inc	mil E
C1	0
C2	4.886886
Total	4.886886
CO2 inc	mil E -0.402558

Cftx C2 Th(e3) E/y	Cftx PT Th(e3) E/y	Cftx CT Th(e3) E/y	CftxOPSE 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 0 or 1(act)	NOKCAFC2 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	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
173	0	0	0	1.00	2026	0.20	0.00	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	0.00	90.00	1099.00

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
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
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
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
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
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
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
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	0	0	0	0
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
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
															4.886886				0	TotelcogG	TotelcogS						10063.94	0	71865.97	66601.53
																				4.886886	0									

Products

Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
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	71865.97
El Cogen	MWh/y	71865.97
El hef Cog	MWh/y	66601.53
El Tot	MWh/y	71865.97

Emmies

CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.39952
NOx C2	t/y	69.91399
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	13.63708
biomass	0
waste H	0
others	0
TOTAL	13.63708
Fuel cons	
gsE3Mc/y	40025.08
Coal t/y	0
biom t/y	0
gas TJ/y	1424.473
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1424.473

O&Mcos mil E

Tpump&is	0.066644
D pump	0.230598
DESOX	0
Free	0
Ist Depr	0.28
Sal	5.900741
Cftx	5.48215
Others	0
TOTAL	11.93254
Electr inc	mil E
C1	0
C2	4.886886
Total	4.886886
CO2 inc	mil E -0.402558

Cftx C2 Th(e3) E/y	Cftx PT Th(e3) E/y	Cftx CT Th(e3) E/y	CftxOPSE 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 0 or 1(act)	NOKCAFC2 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	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
585	0	0	0	1.00	2027	0.18	0.00	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	0.00	90.00	1099.00

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
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
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
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
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
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
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
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	682.8266	87.32798	52	90	29	87	39.55	86	461.677	396.148	857.825	25.62853	4.528904	0	4.528904	0	0	67	45.74938	0	0	0	1	1	0	0	66601.53	66601.53
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982	0	0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	0	0	0	0
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
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
															4.886886				0	TotelcogG	TotelcogS						10063.94	0	71865.97	66601.53
																				4.886886	0									

Products

Heat sold	TJ/y	647

Emmies

CO2	t/y	10063.94

Inv LCP	mil E	0
C 1	mil E	0
F		0

Inv NET	mil E	0.00
Tr Pump		0.00
Tr NET		0.00

Fuelcosts mil E

O&Mcos mil E

Tpump&is	0.066644

Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
Heat CT	TJ/y	85.30006
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	71565.97
El Cogen	MWh/y	71565.97
El hef Cog	MWh/y	66501.53
El Tot	MWh/y	71565.97

SO2 C2	t/y	0
NOx C1	t/y	19.33952
NOx C2	t/y	69.91369
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		VerifOK
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

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 PI	0		

coal	0
gas	13.63708
biomass	0
waste H	0
others	0
TOTAL	13.63708
Fuel cons	
gsE3Mc/y	40025.08
Coal t/y	0
biom t/y	0
gas TJ/y	1424.473
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1424.473

D pump	0.280598
DESOX	0
Free	0
Ist Depr	0.18
Sal	6.900741
Cfix	5.99415
Others	0
TOTAL	12.42413
Electr Inc mil E	
C1	0
C2	4.856886
Total	4.856886
CO2 Inc mil E	-0.402568

Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C1	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	S NOICAFC2	NOI GAC2	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	PI S 7 C2	PI D 7 C2	PI N C2
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	t	t	t
173	0	0	0	1	2028	0.144054	0	0	0	0	0	0	0	550mg	150 250mg	67	0	0	0	0	0	450mg	150 200mg	67	0	0	0	20	0	0	0	22	0	0	96	1099

Ql gaz kJ/Nmc	Ql Bio kJ/kg	Ql 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
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
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
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
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
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	0	1	0	4.01E-14	0	0	0
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	0	1	0	9.21E-14	0	0	0
35589.5	12561	6908	286.4745	90	52	90	29	87	39.55	86	0	286.4745	286.4745	0	0	0	0	0	0	67	19.19379	0	0	1	0	0	1.8E-12	0	0	0
35589.5	12561	6908	734.2221	83.67298	52	90	29	87	39.55	86	496.4269	396.148	892.5749	21.56742	4.869789		0 4.869789	0	0	67	49.19288	0	0	0	1	1	0	0	71614.55	71614.55
35589.5	12561	6908	339.6378	47.95817	52	90	29	87	39.55	86	37.85027	159.9245	197.7748	-41.76891	0.357982		0 0.357982	0	0	67	22.75573	0	0	0	1	1	10063.94	0	5264.444	0
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	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	67	0	0	0	0	1	1	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	67	0	0	0	0	1	1	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
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
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
35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	5.227771	0 TotelcogG	TotelcogS									10063.94	0	76878.99	71614.55
																	5.227771	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	248.391
Heat C2	TJ/y	519.3905
Heat CT	TJ/y	85.30006
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	76878.99
El Cogen	MWh/y	76878.99
El hef Cog	MWh/y	71614.55
El Tot	MWh/y	76878.99

Emmiss		
CO2	t/y	10063.94
SO2 C2	t/y	0
NOx C1	t/y	19.33952
NOx C2	t/y	73.35749
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		VerifOK
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

Inv LCP	mil E	0 Inv NET mil E	0.00
C t	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 PI		0	

Fuelcosts mil E	
coal	0
gas	14.09528
biomass	0
waste H	0
others	0
TOTAL	14.09528
Fuel cons	
gsE3Mc/y	41469.2
Coal t/y	0
biom t/y	0
gas TJ/y	1475.668
coal TJ/y	0
biom TJ/y	0
Total TJ/y	1475.668

O&Mcos	mil E	
Tpump&is		0.066644
D pump		0.280598
DESOX		0
Free		0
Ist Depr		0.14
Sal		6.900741
Cfix		5.48215
Others		0
TOTAL		11.87419
Electr Inc	mil E	
C1		0
C2		5.227771
Total		5.227771
CO2 Inc	mil E	-0.402568

5A II

PS 1 - continuare col 3

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	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
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	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	1.00	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	5	0	1	0.00	1.00	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	1.00	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	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	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	0	0.00	0.00	0.00	0.00	0.00

Nume			An	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	Vmin L	Tmax L	Tmin L	Vmax	Vmin	Tmax
		1etr.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	1.00	0	0	1
		2etr.coll	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	90.00	1.00	42.00	10	0	1
		3epenje	1	90.00	80.00	129.00	271	10	0	129	271	90.00	80.00	100.00	156	10	0	100	156	90.00	80.00	71.00	156	10	0	71	156	90.00	80.00	42.00	127	10	0	42
		4etrap col	1	80.00	70	271.00	544.00	10	0	271	544	80.00	70	156.00	476.00	10	0	156	476	80.00	70	156.00	406.00	10	0	156	406	80.00	70	127.00	261.00	10	0	127
		daca 3	1	70.00	60.00	544.00	1658.00	10	0	544	1658	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	539.00	10	0	261
		atunci	1	60.00	50.00	1658.00	3084.00	10	0	1658	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	1605.00	10	0	539
		h=4.2	1	50.00	18.90	3084.00	4451.00	31.1	0	3084	4451	50.00	18.90	2599.00	4391.00	31.1	0	2599	4391	50.00	18.90	2103.00	4323.00	31.1	0	2103	4323	50.00	18.90	1605.00	4245.00	31.1	0	1605
			3	18.90	10.77	4451.00	6025.00	18.9	10.77	4451	6025	18.90	10.77	4391.00	5920.00	18.9	10.77	4391	5920	18.90	10.77	4323.00	5831.00	18.9	10.77	4323	5831	18.90	10.77	4245.00	5735.00	18.9	10.77	4245
			4	10.77	8.00	6025.00	6760.00	10.77	8	0	2735	10.77	7.83	5920.00	8760.00	10.77	7.83	0	2940	10.77	7.66	5831.00	8760.00	10.77	7.66	0	2829	10.77	7.50	5735.00	8760.00	10.77	7.5	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	0	0	0	0.00	0.00	0.00	0.00	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	0	0	0	0.00	0.00	0.00	0.00	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	0	0	0	0.00	0.00	0.00	0.00	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	0	0	0	0.00	0.00	0.00	0.00	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	0	0	0	0.00	0.00	0.00	0.00	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	0	0	0	0.00	0.00	0.00	0.00	0	0	0

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	Dwellings %	Industrie %	Services %	Publics %
8132.00	263.00	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	2008.00	85.76	0.00	3.30	3.40

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 tot 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 deperta 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.

Lmax	2008								2008								2010								2011				
104.00	10.00								1.00								1.00								1				
100.00	44.00								15.00								1.00								42				
90.00	129.00								100.00								71.00								127				
80.00	271.00								156.00								156.00								261				
70.00	544.00								476.00								406.00								539				
60.00	1658								1155								658								1605				
50.00	3084								2599								2103								4245				
31.00	4451								3811								3724								5735				
18.90	6025								4391								4323								8760				
10.77	6760								5920								5831								0				
0.00	0								8760								8760								0				
0.00	0								0								0								0				
									0								0								0				

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	Dwellings %	Industrie %	Services %	Publics %
8132.00	157.00	0.00	0.03	0.00	0.00	0.00	0.00	1.00	[illegible]	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	85.76	0	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
8132.00	157.00	0.00	5.63	0.00	0.00	0.00	0.00	1.00	[redacted]	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	5.69	0.00	0.00	1.35	0.00	1	2010.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
8132.00	157.00	0.00	0.56	0.00	0.00	0.00	0.00	1.00	[redacted]	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	4.91	0.00	0.00	0.51	0.00	1	2011.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	2016.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	2017.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	2018.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	2021.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%
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	2022.00	85.76	0.00	3.30	3.40

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	Dwellings	Industrie	Services	Publics
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		%	%	%	%

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	0.00	0.00	0	2023.00	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	0.00	0	2024.00	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	0.00	0	2025.00	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	85.76	0.00	3.30	3.40

Pl S C2 t	Pl 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	Dwellings %	Industrie %	Services %	Publics %
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	2028	85.76	0	3.3	3.4

5A II
pg 1 - col 4

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	0.000	0.00	0.00	0.00	0	2008.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	3.19	0.000	0.00	0.02	0.00	1.00	2009.00	85.76	0	3.30	3.40	93.30
0.00	0.00	1.00	0.00	0.00	5.68	0.000	0.00	1.35	0.00	1	2010.00	85.76	0	3.30	3.40	93.30
0.00	0.00	0.00	0.00	0.00	4.31	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	3.98	0.000	0.00	0.00	0.00	1	2012.00	85.76	0	3.30	3.40	93.30
0.00	0.00	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	0.000	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	2019	2020	2021	2022	2023
		104.00	10.00	1.00	1.00	1.00	1	1	1	1	1	1	1	1	1	1	1
		100.00	44.00	15.00	1.00	1.00	1	1	1	1	1	1	1	1	1	1	1
		90.00	129.00	100.00	71.00	42.00	13	1	1	1	1	1	1	1	1	1	1
		80.00	271.00	186.00	156.00	127.00	98	69	59	48	37	26	17	17	17	17	17
		70.00	544.00	476.00	406.00	261.00	183	154	144	133	117	106	97	97	97	97	97
		60	1639	1155	658	539	470	401	348	294	228	186	177	177	177	177	177
		50	3084	2599	2103	1605	1108	618	579	554	499	476	453	453	453	453	453
		31	3884	3811	3724	3622	3496	3284	3188	3014	2675	2507	2349	2349	2349	2349	2349
		18.9	4451	4391	4323	4245	4154	4043	3984	3922	3627	3562	3507	3507	3507	3507	3507
		10.77	6025	5920	5831	5735	5637	5537	5431	5320	4892	4779	4779	4779	4779	4779	4779
		0	8760	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	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012									2013									2014									2015									2016		
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	Tmax L	Tmin L
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	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1
42	100.00	90.00	1.00	13.00	10	0	1	13	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1
127	90.00	80.00	13.00	98	10	0	13	98	90.00	80	1	69	10	0	1	69	90.00	80	1	59	10	0	1	59	90.00	80	1	48	10	0	1	48	90.00	80	1	1
261	80.00	70	98.00	183.00	10	0	98	183	80.00	70	69	154	10	0	69	154	80.00	70	59	144	10	0	59	144	80.00	70	48	133	10	0	48	133	80.00	70	37	37
539	70.00	60.00	183.00	470.00	10	0	183	470	70.00	60	154.000	401	10	0	154	401	70.00	60	144.00	348	10	0	144	348	70.00	60	133.00	294	10	0	133	294	70.00	60	117.00	117
1696	60.00	50.00	470.00	1108.00	10	0	470	1108	60.00	50	401	618	10	0	401	618	60.00	50	348	579	10	0	348	579	60.00	50	294	554	10	0	294	554	60.00	50	228	228
4245	50.00	18.90	1108.00	4154.00	31.1	0	1108	4154	50.00	18.9	618	4043	31.1	0	618	4043	50.00	18.9	579	3984	31.1	0	579	3984	50.00	18.9	554	3922	31.1	0	554	3922	50.00	18.9	499	499
5735	18.90	10.77	4154.00	5637.00	18.9	10.77	4154	5637	18.90	10.77	4043	5537	18.9	10.77	4043	5537	18.90	10.77	3984	5431	18.9	10.77	3984	5431	18.90	10.77	3922	5320	18.9	10.77	3922	5320	18.90	10.77	3627	4892
5735	10.77	7.33	5637.00	8760.00	10.77	7.33	0	5123	10.77	7.16	5537	8760	10.77	7.16	0	3223	10.77	7	5431.00	8760.00	10.77	7	0	3229	10.77	6.83	5320	8760	10.77	6.83	0	3440	10.77	6.66	4892	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	0	0	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	0	0	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	0	0	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	0	0	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	0	0	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	0	0	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	0	0	0	0	0

Rand CT
%
93.30

2012	2013	2014	2015	2016
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1
13	1	59	48	37
98	69	144	133	117
183	154	348	294	228
470	401	579	554	499
1108	618	3188	3014	2675
3496	3284	3984	3922	3627
4154	4043	5431	5320	4892
5637	5537	8760	8760	8760
8760	8760	0	0	0
0	0	0	0	0
0	0			

Rand CT
%
93.30

Publics %	Rand CT %
3.40	93.30

Publics %	Rand CT %
3.40	93.30

Publics %	Rand CT %
3.40	93.30

Publics %	Rand CT %
3.40	93.30

Allegato 5A
pg. 1 col 5

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2023	2024	2025	2026	2027	2028
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1
17	17	17	17	17	17
97	97	97	97	97	97
177	177	177	177	177	177
453	453	453	453	453	453
2349	2349	2349	2349	2349	2349
3507	3507	3507	3507	3507	3507
4779	4779	4779	4779	4779	4779
8760	8760	8760	8760	8760	8760
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

								2017								2018								2019								2020					
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	Vmin
1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0
1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0
1	37	10	0	1	37	90.00	80	1	26	10	0	1	26	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0
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	70	17	97	10	0
117.00	228	10	0	117	228	70.00	60	106.00	186	10	0	106	186	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0
228	499	10	0	228	499	60.00	50	186	476	10	0	186	476	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0
499	3627	31.1	0	499	3627	50.00	18.9	476	3562	31.1	0	476	3562	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0
3627	4892	18.9	10.77	3627	4892	18.90	10.77	3562	4779	18.9	10.77	3562	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77
4892	8760	10.77	6.55	0	3868	10.77	6.5	4779	8760	10.77	6.5	0	3981	10.77	6.5	4779	8760	10.77	6.5	0	3981	10.77	6.5	4779	8760	10.77	6.5	0	3981	10.77	6.5	4779.00	8760.00	10.77	6.5
0	0	0	0	0	0	0	0	0	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	0
0	0	0	0	0	0	0	0	0	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	0
0	0	0	0	0	0	0	0	0	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	0
0	0	0	0	0	0	0	0	0	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	0
0	0	0	0	0	0	0	0	0	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	0
0	0	0	0	0	0	0	0	0	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	0

2016	2017	2018	2019	2020
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1
1	26	17	17	17
37	106	97	97	97
117	186	177	177	177
228	476	453	453	453
499	2507	2349	2349	2349
2675	3562	3507	3507	3507
3627	4779	4779	4779	4779
4892	8760	8760	8760	8760
8760	0	0	0	0
0	0	0	0	0
0				

Anexa 54
pg 1 col 6

		2021								2022								2023								2024								2025	
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	Vmin L
1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100
1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90
1	17	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0	1	17	90.00	80
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	17	97	80.00	70
97	177	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177	70.00	60
177	453	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0	177	453	60.00	50
453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9
3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77
0	3961	10.77	6.5	4779	8760	10.77	6.5	0	3961	10.77	6.5	4779	8760	10.77	6.5	0	3961	10.77	6.5	4779	8760	10.77	6.5	0	3961	10.77	6.5	4779	8760	10.77	6.5	0	3961	10.77	6.5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2021	2022	2023	2024
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
3507	3507	3507	3507
4779	4779	4779	4779
8760	8760	8760	8760
0	0	0	0
0	0	0	0

Anexa 5A
pg. 1 col. 7

						2025								2026								2027							
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
1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1	104.00	100	1	1	0	0	1	1
1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1	100.00	90	1	1	0	0	1	1
1	17	10	0	1	17	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0	1	17	90.00	80	1	17	10	0	1	17
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
97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177	70.00	60	97.00	177	10	0	97	177
177	453	10	0	177	453	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0	177	453	60.00	50	177	453	10	0	177	453
453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507	50.00	18.9	453	3507	31.1	0	453	3507
3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779	18.90	10.77	3507	4779	18.9	10.77	3507	4779
4779	8760	10.77	6.5	0	3981	10.77	6.5	4779.00	8760.00	10.77	6.5	0	3981	10.77	6.5	4779.00	8760.00	10.77	6.5	0	3981	10.77	6.5	4779.00	8760.00	10.77	6.5	0	3981
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0
0	0	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0	0	0.00	0.00	0	0	0	0

2025	2026	2027	2028
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
3507	3507	3507	3507
4779	4779	4779	4779
8760	8760	8760	8760
0	0	0	0
0	0	0	0

Anexo 5A
II Results, pg 1

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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	365	313	261	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	
508.2606	Heat C2	TJ/y	276.8453	8.586563	220.9619	208.286	326.9878	308.3045	289.7114	285.2345	265.674	248.391	248.391	248.391	248.391	248.391	248.391	248.391	248.391	248.391	248.391	248.391	
702.0434	Heat C1	TJ/y	871.1284	1075.63	799.4972	748.4158	566.6702	558.7008	550.6413	529.179	521.3733	519.3905	519.3905	519.3905	519.3905	519.3905	519.3905	519.3905	519.3905	519.3905	519.3905	519.3905	
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	
791.5648	HeatDwell	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	
89943.43	El Tot C1	MWh/y	116421.3	107611.1	107074.7	105884.7	82408.2	80940.45	79381.72	73831.76	72199.01	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	76878.99	
89943.43	El Cogen	MWh/y	74323.41	63810.17	63273.78	59997.19	82408.2	80940.45	79381.72	73831.76	72199.01	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	76878.99	
84145.46	El hef Cog	MWh/y	40812.83	31572.15	31035.75	29455.9	77042.91	75679.16	74249.9	68400.71	66934.57	66601.53	66601.53	66601.53	66601.53	66601.53	66601.53	66601.53	66601.53	66601.53	66601.53	71614.55	
89943.43	El Tot	MWh/y	116421.3	107611.1	107074.7	105884.7	82408.2	80940.45	79381.72	73831.76	72199.01	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	71865.97	76878.99	
	Emmiss																						
104529.7	CO2	t/y	211663.9	187813.5	202075.3	197399.8	8247.716	8494.883	8751	9808.481	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	10063.94	
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	18.11166	17.35702	23.04812	22.52637	22.05326	20.29761	19.81965	19.39952	19.39952	19.39952	19.39952	19.39952	19.39952	19.39952	19.39952	19.39952	19.39952	19.39952	
3	NOx C1	t/y	503.0171	495.5121	494.8743	484.0899	74.27237	73.58112	72.87496	70.85514	70.15649	69.91399	69.91399	69.91399	69.91399	69.91399	69.91399	69.91399	69.91399	69.91399	69.91399	73.35749	
60	Dust	t/y	252.2257	252.2257	252.2257	246.7564	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	CO2 limit		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 C1		WRONG	OK	OK	OK	WRONG	WRONG	WRONG	WRONG	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	
OK	NOx C2		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	12.04	0.558	0.748	1.756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	**C 2**	mil E	0.027	5.63	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	5.63	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	6.41	0	0.748	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	
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	5	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	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 Pl		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	1.354	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	20 prioritary
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	19.084	5.981	4.728	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	5.475696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13.81355	gas		11.51933	8.525287	12.14034	11.75386	14.99979	14.78426	14.57487	13.97578	13.76564	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	14.09828	
8.072189	biomass		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Anexa 5A
I, Anu H5, pg. 2

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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
21.88574	**TOTAL**		17.11687	14.12283	17.73788	17.22956	14.99979	14.78426	14.57487	13.97578	13.76564	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	13.63708	14.09828
0	**Fuel cons**																					
55942.03	gsE3Mc/y		40448.84	28395.31	35262.02	34184.31	43804.23	43206.34	42622.59	40952.46	40367.44	40025.08	40025.08	40025.08	40025.08	40025.08	40025.08	40025.08	40025.08	40025.08	40025.08	41469.2
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
35654.54	biom t/y		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990.949	gas TJ/y		1439.554	1010.575	1254.958	1216.602	1558.971	1537.692	1516.917	1457.478	1436.657	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1475.868
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
1268.927	biom TJ/y		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3259.876	Total TJ/y		2773.848	2344.869	2589.252	2521.851	1558.971	1537.692	1516.917	1457.478	1436.657	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1424.473	1475.868
	O&Mcos	mil E																				
0.787225	Tpump&is		0.745316	0.693572	0.078416	0.073221	0.085583	0.082134	0.078965	0.071581	0.068707	0.066644	0.066644	0.066644	0.066644	0.066644	0.066644	0.066644	0.066644	0.066644	0.066644	0.066644
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
0.968079	Ist Depr		0.942142	0.887883	0.784508	0.656839	0.650044	0.640624	0.506251	0.498541	0.448617	0.377457	0.324662	0.316803	0.316243	0.313651	0.30487	0.304777	0.253091	0.202403	0.182	0.144054
5.125	Sal		5.125	5.304375	5.474115	5.62739	5.768075	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	7.63015	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
14.37072	TOTAL		14.29118	14.36147	13.81194	14.33982	14.13391	12.47487	12.32549	12.29897	12.74593	12.10759	12.0548	12.04694	12.04636	12.55578	12.035	12.03491	11.98322	11.93254	12.42413	11.87419
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
4.946888	C1		2.459705	2.02325	2.121056	2.098999	5.603758	5.50395	5.397957	5.020559	4.909533	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	5.227771
4.946888	Total		2.459705	2.02325	2.121056	2.098999	5.603758	5.50395	5.397957	5.020559	4.909533	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	4.886886	5.227771
3.711759	**CO2 inc**	mil E	1.033401	1.629663	1.324042	1.501205	-0.230936	-0.246352	-0.26253	-0.304063	-0.322046	-0.33211	-0.342174	-0.352238	-0.362302	-0.372366	-0.38243	-0.392494	-0.402558	-0.402558	-0.402558	-0.402558
	CO2 inc real	mil E	0	0	0	0	-0.230936	-0.246352	-0.26253	-0.304063	-0.322046	-0.33211	-0.342174	-0.352238	-0.362302	-0.372366	-0.38243	-0.392494	-0.402558	-0.402558	-0.402558	-0.402558
	CO2 inf	t/y	211663.9	187813.5	202075.3	197399.8	82214.03	81189.31	80193.09	77003.67	76009.7	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	75449.92	78358.9

0	0	0	0	0	0	0	0	Inv LCP	mil E													
Products	0	0	0	Emmiss	0	0	0	C 1	mil E													
Heat sold	TJ/y		0	CO2	t/y		0	F		0												
Losses	TJ/y		0	SO2 C2	t/y		0	LOilTank		0												
Heat C1	TJ/y		0	NOx C1	t/y		0	F		0												
Heat C2	TJ/y		0	NOx C2	t/y		0	CAF 100		0												
Heat CT	TJ/y		0	Dust C2	t/y		0	F		0												
HeatDwell	TJ/y		0	Emm limt		0	0	F		0												
HeatPublic	TJ/y		0	CO2	t/y		0	C2	mil E													
H Industrie	TJ/y		0	SO2 C2	t/y		0	St boil 15 t/		0												
H Services	TJ/y		0	NOx C1	t/y		0	LOilTank		0												
El Tot C1	MWh/y		0	NOx C2	t/y		0	F		0												
El Tot C2	MWh/y		0	Dust C2	t/y		0	GAS duct		0												
El Cogen	MWh/y		0	EM verif		0	0	Comb Cy		0												
El hef Cog	MWh/y		0	CO2 limit		0	0	Water ep		0												
El Tot	MWh/y		0	SO2 C2		0	0	Col cen		0												
0	0	0	0	NOx C1		0	0	Inch dep		0												
0	0	0	0	NOx C2		0	0	0	0	0												
0	0	0	0	Dust C2		0	0	Waste Pl		0												

Inv NET	mil E				0	0	5.227771	0	0	0	0	0	0	0	0							
Tr Pump	0				0	0	0	0	0	0	0	0	0	O&Mcos	mil E							
Tr NET	0				0	0	Fuelcosts	mil E		0	0	0	0	Tpump&is		0						
PT	0				0	0	coal		0		0	0	0	D pump		0						
Dist NET	0				0	0	gas		0		0	0	0	DESOX		0						
CT	0				0	0	biomass		0		0	0	0	Free		0						
TOTAL	mil E				0	0	waste H		0		0	0	0	Ist Depr		0						
0	0	0	0		0	0	others		0		0	0	0	Sal		0						
0	0	0	0		0	0	TOTAL		0		0	0	0	Cfix		0						
0	0	0	0		0	0	Fuel cons		0		0	0	0	Others		0						
0	0	0	0		0	0	gsE3Mc/y		0		0	0	0	TOTAL		0						
0	0	0	0		0	0	Coal t/y		0		0	0	0	Electr inc	mil E							
0	0	0	0		0	0	biom t/y		0		0	0	0	C1		0						
0	0	0	0		0	0	gas TJ/y		0		0	0	0	C2		0						
0	0	0	0		0	0	coal TJ/y		0		0	0	0	Total		0						
0	0	0	0		0	0	biom TJ/y		0		0	0	0	CO2 inc	mil E							
0	0	0	0		0	0	Total TJ/y		0		0	0	0	0	0	0						
0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0						
0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0						

Anexa 54
II tech & exp base pg 1

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 eft Mwe/MWt	prod eff/Q 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	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	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	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	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	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	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	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			0.137931	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	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	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			0.956	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	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		52	90	33	87	39.55	86
	80	100	100	8500	3000	1650	35589.5	12561	6908	1.188	192.3529	0	0	0.387409	0	0	0			0		52	90	29	87	39.55	86
	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.236984	0	0.42704	0			0		52	90	29	87	39.55	86

Ani speciali

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	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	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	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	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	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	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	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			0.137931	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	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	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			0.956	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	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		52	90	33	87	39.55	86
	80	100	100	8500	3000	1650	35589.5	12561	6908	1.188	192.3529	0.333	0.727273	0.387409	0	0.558988	0			0		52	90	29	87	39.55	86
	100	100	100	8500	3000	1650	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.236984	0	0.42704	0			0		52	90	29	87	39.55	86

param turbina gaz	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	-0.408196	1.428386	0.65	0.55	0.825389	0.688164									
Eta el rel= m x MW ter rel + b	0.576063	0.478966	2.13	-0.80469	2.674591	-0.80469									

Chetlueli de reparatii si demolari, alte chetlueli 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				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	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		685				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		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	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	656.8392	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	448.6166	0	0	0	0

Salii

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
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

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

Anexa 51
I decl & exp bne
pg 2

2018.00	377.4574	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2019.00	324.6621	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2020.00	316.8034	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2021.00	316.2426	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2022.00	313.6513	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2023.00	304.8703	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2024.00	304.7771	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2025.00	253.0905	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2026.00	202.4032	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2027.00	182	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00
2028.00	144.0542	0	0	0	0	4641.15	0.00	1259.59	0.00	0.00	2942.00	0.00	1094.00	0.00	0.00

Anexa 54
I Sheet 1 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
Pretrezultant
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 5A-III
pg. 1 col I

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

Sinvira	Sir 8760	Copy	104	100	90	80	70	60	50	33	24	17	14	0
15.8	8	2008	10	44	129	263	528	1590	2991	3702	4039	4471	5102	8760
16.3	7.833333	2009	1	15	100	180	482	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	389	599	2982	3590	4081	4442	8760
13.8	7	2014	1	1	1	57	140	338	562	2613	3534	4020	4358	8760
13.3	6.833333	2015	1	1	1	43	120	265	498	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

	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	289.0523	43.39528	544	271	104.9907651	2008	283.03	0.8	226.4	28.98	77.34	76.86
0	214.2345	99.59398	2009	274.1757	39.8528	476	186	101.8367278	2009	329.92	0.8	283.936	28.98	77.34	86.78
0	207.5472	87.17459	2010	258.9483	35.77349	406	156	98.19668958	2010	382.91	0.8	290.928	28.98	80.34	89.78
0	200.8598	74.75519	2011	243.7208	31.88416	261	127	94.75865136	2011	399.20	0.8	319.36	28.98	84.34	93.78
0	194.1724	62.3358	2012	228.4934	28.01487	183	98	91.31661314	2012	399.20	0.8	319.36	28.98	87.34	96.78
0	187.7239	49.91641	2013	213.4383	24.20597	154	69	87.91957539	2013	399.20	0.8	319.36	28.98	87.34	96.78
0	181.0365	49.91641	2014	207.0708	23.88218	144	59	86.71558202	2014	399.20	0.8	319.36	28.98	87.34	96.78
0	174.3492	49.91641	2015	200.7052	23.56039	133	48	85.51154864	2015	399.20	0.8	319.36	28.98	87.34	96.78
0	167.9006	49.91641	2016	194.51	23.30701	124	39	84.35053574	2016	399.20	0.8	319.36	28.98	87.34	96.78
0	160.9744	49.91641	2017	187.974	22.91681	113	28	83.10352168	2017	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2018	183.3727	21.06964	103	18	81.94250898	2018	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2019	183.3727	21.06964	103	18	81.94250898	2019	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2020	183.3727	21.06964	103	18	81.94250898	2020	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2021	183.3727	21.06964	103	18	81.94250898	2021	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2022	183.3727	21.06964	103	18	81.94250898	2022	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2023	183.3727	21.06964	103	18	81.94250898	2023	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2024	183.3727	21.06964	103	18	81.94250898	2024	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2025	183.3727	21.06964	103	18	81.94250898	2025	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2026	183.3727	21.06964	103	18	81.94250898	2026	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2027	183.3727	21.06964	103	18	81.94250898	2027	399.20	0.8	319.36	28.98	87.34	96.78
0	154.5259	49.91641	2028	183.3727	21.06964	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	Vmin
22	17

Vat5000	12.3
Vat 8760	6.5

ref bio TJ/an	Qv C Tcal	Qv TotTcal	QvCTTcal
0	121.89	135.4316	13.54

Desfasurator vertical

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 gaz lp 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	1210.304	181.6961	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

CAF G	L1
CAF GAS L 2	
CAF GAS L3	
Cz 420 carb	
Cz 420 carb	
CAF GAS L 8	
Cz 420 carb	
Turbina Gaz Chimiei	
Babcock	
Babcock	
Ciclu mat Chimiei	
Ciclu mat Chimiei	
Babcock	

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S ind ech Gcal/h	Intervie %	Sarc prod Gcal/h	Durata h/y	% gaz %	% bio %	% lignit %	cap gaz t/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 eeiC 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	44	2.454545	0	2.454545	44	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	13.66224	0	0	3.5	0	0	0.378	0	0	27.52075	0	0	0	0.452196	0
10	0	44	129	6.705426	0	6.705426	129	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	109.4244	0	0	3.5	0	0	3.0275	0	0	220.4208	0	0	0	3.621755	0
10	0	129	263	7.452471	0	7.452471	263	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	247.9443	0	0	3.5	0	0	6.86	0	0	499.4506	0	0	0	8.20652	0
10	0	263	528	7.49053	0	7.49053	528	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	500.3163	0	0	3.5	0	0	13.8425	0	0	1007.82	0	0	0	16.55959	0
10	0	528	1590	6.660377	0	6.660377	1590	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	1339.658	0	0	3.5	0	0	37.065	0	0	2698.562	24174.57	16101.18	0	44.34033	0
10	0	1590	2991	7.657974	0	7.657974	2991	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	2897.533	0	0	3.5	0	0	80.1675	0	0	5836.692	24174.57	18512.83	0	95.90324	0
17	0	2991	3702	15.3675	0	15.3675	3702	100	0	0	229.1404	0	0.985425	0.461573	0	0.8007	7196.774	0	0	1	0	0	199.11675	0	0	14496.94	41096.77	37150.26	0	238.2005	0
18	10	3702	4039	18.62454	0	18.62454	4039	100	0	0	127.8772	0.333333	0.47619	0.257592	0	0.406737	17236.97	0	0	1	0	0	75.2245	0.815593829	61352.84	34721.57	20196.59	81554.48	0	314.965	61277.41
10	3	0	432	6.5	0	6.5	432	100	0	0	127.8772	0.333333	0.47619	0.257592	0	0.406737	359.0793	0	0	5.9	0	0	16.5672	0	0	723.317	0	0	0	11.7571	0
3	0	0	831	1.5	0	1.5	831	100	0	0	41813.12	0.333333	0.47619	84.22891	0	0.406737	121.0358	0	0	5.9	0	0	5.58435	0	0	243.8104	0	0	0	3.962996	0
0.00	8.00	1.00	1.00	0	0	0	1	100	0	0	117.6471	0.333333	0.47619	0.236884	0	0.406737	0	0	0	1	0	0	0	194.0796107	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	127.87	0	0	0.257592	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
14	4	5102.00	8760	12.74726	5	13.41617	8760	100	0	0	192.3529	0	0	0.387469	0	0	15030.24	0	0	5.9	0	0	693.504832	0	0	30278.12	0	0	0	467.5455	0
0	0	0	0	0	0.71	0	0	100	0	0	127.8772	0.333333	0.47619	0.236884	0	0.406737	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.35	0	0	100	0	0	127.8772	0.333333	0.47619	0.236884	0	0.406737	45052.64	0	0	1	0	0	0	0	0	0	0	0	0	0	0

Cogen
V

90754.22 172644.5 153318.8 61277.41

ee pr C1 MWh/y	ee prC2 MWh/y	ee ce C1 MWh/y	ee ce C2 MWh/y	El inco C1 mil E/y	El inco C2 mil E/y	El inc Tot milEy	El bonus milEy	congasC1 E3Nmc/y	costg C1 milE/y	CongasC2 E3Nmc/y	costgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milEy	prod cald TJ/y	D dif %	ee disso MWh/y	DmgSSud Nmc/h	SO2 mix mg/Nmc	SO2 C2 t/y	SO2 rem t/y	SO2 emiC2 t/y	Cost SO2 milE/y	NOx C1 t/y	NOx C2 t/y	Dust C1 t/y	Dust C2 t/y
0	61277.41	-340.4573	-715.658	0	3.370258	3.370258	0	12305.31	3.482404	32747.33	7.413996	0	0	10.8964	1205.515	-0.3957	48200.82	162318.8	0	0	0	0	0	29.341978	42.24833	0	0

Hidrov	TJ/y
H livr C1	412.0733
H livr C2	798.2306
H livr CT	181.6961
H livr PT	802.5219

	MWh/y	milEy
Epcmp+sl		
T C1	2929.864	0.226597
T C2	5675.502	0.438219
D PT	2777.297	0.30953
D CT	628.7977	0.07008
C1	340.4573	0.026331
C2	715.6562	0.055005
TOTAL	13067.59	1.123782

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milEy
5471.948	50524.59	12.44498
TJ/y	TJ/y	
194.7439	1798.145	
milEy		
1.548561		

TJ/y	milEy
437.9399	
1165.461	
biorefTJ/y	
0	

TOTcomb
12.44498

CO2 Gen t/y	CO2 Bio t/y	CO2 Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milEy
143584	209813	353000	144245.8	90754.22	3.606145

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
	897	417	2009	1147.974	168.0263	476	186	101.6367	2009	229.92	0.8	263.936	28.98	86.78	77.34	111.45	56	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

CAF G	L1
CAF GAS L 2	
CAF GAS L3	
Cz 420 carb	

S ext M Gcal/h	S ext m Gcal/h	T M h	T m h	S ind ech Gcal/h	Intervie %	Sarc prod Gcal/h	Durata h/y	% gaz %	% bio %	% lignit %	cap gaz t/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	Dmx gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
4	0	1	15	2.133333	0	2.133333	15	100	0	0	130.719	0.333333	0.60606	0.283316	0	0.62264	4.183007	0	0	10.12	0	0	0.32364	0	0	8.426105	0	0	0	0.133984	0
10	0	15	100	5.75	0	5.75	100	100	0	0	130.719	0.333333	0.60606	0.283316	0	0.62264	75.1634	0	0	10.12	0	0	5.819	0	0	151.4066	0	0	0	2.407525	0
45	0	1000	1800	35.77778	5	37.86082	1800	100	0	0	130.719	0.333333	0.60606	0.283316	0	0.62264	8661.369	0	0	10.12	0	0	686.029474	0	0	17850.04	0	0	0	269.6428	0
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	339538.9	339538.9	2996.666	0.004187	0

pg.2

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Tip sursa									% gaz	% bio	% lignit	csp gaz	csp bio	csp lign	CO2sp gz	CO2sp bio	CO2sp lig
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
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0.00	[illegible]
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
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
Babcock	10	3	0	432	6.5	8	7.065217	432	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
Babco 0 0 0	3	0	0	631	1.5	8	1.5	631	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	[illegible]
SumBBglobal	1	1	1	2200	39.5	9	43.40659	2200	27	0	73	418.3261	1.211291	2.245654	0.79481	0	1.627488
SUM Q BV	45	0	140	2200	26	15	30.58824	2200	27	0	73	133.7625	0.389176	0.741774	0.255365	0	0.52289
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	128.412	0.389176	0.741774	0.255365	0	0.52289
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
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

Tip sursa	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	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	0.130719	0	0	10.12	0.00	13.15	0.01012	0.00	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	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	13990.47	0	0	200	0	0	13086.9565	0.685510418	44856.23	28181.92	84392.06	62176.25	0	252.0574	31789.27
Babcock	390.3036	0	0	5.9	0	0	18.0078261	0	0	786.2141	0	0	0	11.7571	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	0.09969	0.149635	0.269103	21376.7512	0.996598734	95389.34	133945.4	20705.21	372409	3766.357	363.8503	74012.59
SUM Q BV	2430.388	0	36439.43	0.02	0.03	0.05	2819.62353	0.2	13458.82	30326.64	328618.6	86181.78	3820.568	239.4964	10636.2
SUM Q BV	0.006421	0	0.704665	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	0.192353	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	0	0	0	0	0	0	0	0	0	0
	36617.17	0	193097 Cogen	0	0	0	0			211663.9	1436821	1530013			116421.3
			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	-692.1824	-23.5922	0	2.459705	2.459705	-4.29273	8940.846	2.949764	27666.63	7.30222	193152	5.597545	15.84953	1143.329	-0.40456	104256.7	1530013	3090.372	3839.357	0	3839.357	0	21.31941655	503.0171	0	252.2257

congasC1: TJ/y 318.2002
CongasC2: TJ/y 984.6416; biorefTJ/y 0
Cons lig: TJ/y 1334.294

Hdeliv	TJ/y
H livr C1	276.8453
H livr C2	871.1284
H livr CT	166.0263
H livr PT	783.6624

Epomp+si	MWh/y	milE/y
T C1	1968.399	0.152236
T C2	6193.812	0.537499
D PT	2712.03	0.302258
D CT	574.5691	0.064036
C1	692.1824	0.053533
C2	23.59218	0.002047
TOTAL	12164.58	1.111607

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
5000.038	41607.51	11.9016
TJ/y 177.9489	TJ/y 1480.791	
milE/y 1.649613		

TOTcomb 17.49914

CO2I Cert t/y	CO2I Sud t/y	CO2I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143554	209811	235000	23336.06	211663.9	0.583401

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	149.7836	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 ind ech Gcal/h	Interna %	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	1	1	1	1	1	0	1	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	[illegible]
CAF GAS L 2	1	1	1	1	1	0	1	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	1	1	1	1	1	5	1.052632	1800	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
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
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
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0.00	[illegible]
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
Turbina Gaz Chimiei	19	11	0	4200	12	8	13.04348	4200	100	0	0	205.0533	0	0.690131	0.413052	0	0
Babcock	50	3	500	2000	32.375	8	35.19022	2000	100	0	0	0	[illegible]	[illegible]	4031	0	[illegible]
Babco 0 0 0	3	0	0	631	1.5	8	1.5	631	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704
SumBBglobal	1	1	1	2200	38	9	41.75824	2200	27	0	73	452.7652	1.259106	2.534298	0.828184	0	1.691711
SUM Q BV	45	0	140	2200	26	15	30.58824	2200	27	0	73	133.7625	0.389176	0.741774	0.255365	0	0.52289
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	128.412	0.389176	0.741774	0.255365	0	0.52289
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
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

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	0.130719	0	0	10.12	0	0	0.01012	0	0	0.263316	0	0	0	0.004187	0
CAF GAS L 2	0.130719	0	0	10.12	0	0	0.01012	0	0	0.263316	0	0	0	0.004187	0
CAF GAS L3	247.678	0	0	10.12	0	0	19.1747368	0	0	498.9141	0	0	0	7.5386	0
Cz 420 carb	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	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	0.130719	0	0	10.12	0.00	13.15	0.01012	0.00	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	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	11233.36	0	0	200	0	0	10958.5217	0.611236094	33485.11	22628.09	50929.98	51111.77	0	211.0248	22528.59
Babcock	0	0	0	0	0	0	0	0	0	2.84E+08	0	0	0	271.1083	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	0.104437	0.156655	0.251979	21501.0896	1.044368421	95944.18	133945.4	21522.62	372409	3798.357	350.0332	74845.09
SUM Q BV	2430.386	0	36439.43	0.02	0.03	0.05	2819.62353	0.2	13458.82	30326.64	328618.8	86181.78	3820.568	239.4964	10639.2
SUM Q BV	0.006421	0	0.704665	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	0.192353	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	0		0	0	0	0	0	0	0	0
	24778.98	0	193097 Cogen	0	0	0	0			2.84E+08	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	98716.75	1518949	3112.853	3839.357	0	3839.357	0	0.591522465	495.5121	0	252.2257

congasC1: TJ/y 8.828694
CongasC2: TJ/y 872.6266; biorefTJ/y 0
Cons lig: TJ/y 1334.294

Hdeliv	TJ/y
H livr C1	8.586563
H livr C2	1075.63
H livr CT	149.7836
H livr PT	763.5203

Epomp+si	MWh/y	milE/y
T C1	61.05134	0.004905
T C2	7647.839	0.686623
D PT	2642.324	0.302414
D CT	518.3579	0.059326
C1	19.2051	0.001543
C2	5.58435	0.000501
TOTAL	10894.36	1.055312

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
4510.675	29278.16	8.845683
TJ/y 160.5398	TJ/y 1041.995	
milE/y 1.637041		

TOTcomb 14.44323

CO2I Cert t/y	CO2I Sud t/y	CO2I Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	-2.8E+08	2.84E+08	-7091.41

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	133.5409	261	127	94.75685	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 ind ech Gcal/h	Interna %	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	0	0	0	0	0	0	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L 2	0	0	0	0	0	0	0	0	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
CAF GAS L3	46	0	800	1600	34.5	5	36.31579	1600	100	0	0	130.719	[illegible]	[illegible]	0.263316	0	0.42704
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
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
CAF GAS L 6	1	1	1	1	1	0	1	1	100	0	0	130.719	0	[illegible]	0.263316	0.00	[illegible]
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
Turbina Gaz Chimiei	19	11	0	4100	12	8	13.04348	4100	100	0	0	205.0533	0	0.690131	0.413052	0	0
Babcock	0	0	0	0	0	8	0	0	100	0	0	0	[illegible]	[illegible]	0	0	[illegible]
Babco 0 0 0	3	0	0	631	1.5	8	1.5	631	100	0	0	127.8772	[illegible]	[illegible]	0.257592	0	0.42704
SumBBglobal	1	1	1	2200	38	9	41.75824	2200	27	0	73	432.7652	1.259106	2.534298	0.828184	0	1.691711
SUM Q BV	45	0	140	2200	26	15	30.58824	2200	27	0	73	133.7625	0.389176	0.741774	0.255365	0	0.52289
SUM Q BV	0	0	0	0	1	0	1	1	5	0	95	128.412	0.389176	0.741774	0.255365	0	0.52289

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 L 2	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L3	7595.459	0	0	10.12	0	0	588.025263	0	0	15300.03	0	0	0	231.1224	0
Cz 420 carb	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	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	0.130719	0	0	10.12	0.00	13.15	0.01012	0.00	0	0.263316	2498.039	2498.039	0	0.004187	0
Cz 420 carb	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	10965.9	0	0	200	0	0	10695.6522	0.611236094	32687.84	22089.33	50929.96	51111.77	0	206.0004	21992.19
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	0.104437	0.156655	0.251979	21501.0896	1.044368421	95944.18	133945.4	21522.52	372409	3798.357	350.0332	74443.09
SUM Q BV	2430.386	0	36439.43	0.02	0.03	0.05	2819.62353	0.2	13458.82	30326.64	328618.8	86181.78	3820.568	239.4964	10639.2
SUM Q BV	0.006421	0	0.704665	0.0285	0.04275	0.04275	0.0420375	0.285	0.285	0.509514	0	3007.574	4657.721	0.004187	0.242963

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2016.0	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
	703	209	2016	814.4135	97.58647	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

CAF G L1		
CAF GAS L2		
CAF GAS L3		
CAF GAS L 4		
CAF GAS L 5		
CAF GAS L 6		
CAF GAS L 7		
Turbina Gaz Chimiei		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
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	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
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	0	0	0	3.5	0	0	0	0	0	0				0	0
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	0	0	0	3.5	0	0	0	0	0	0				0	0
10	0	1	35	5.142857	0	5.142857	35	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	22.7704	0	0	3.5	0	0	0.63	0	0	45.86791				0.75366	0
10	0	35	112	6.5625	0	6.5625	112	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	92.97913	0	0	3.5	0	0	2.5725	0	0	187.294				3.077445	0
10	0	112	219	7.557078	0	7.557078	219	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	209.3612	0	0	3.5	0	0	5.7925	0	0	421.7299	24174.57	18258.91		6.929485	0
10	0	219	478	7.290795	0	7.290795	478	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	440.8602	0	0	3.5	0	0	12.1975	0	0	888.0537	24174.57	17625.19		14.5917	0
17	0	478	2302	10.26499	0	10.26499	2302	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	2989.247	0	0	3.5	0	0	82.705	0	0	6021.437	41096.77	24815.17		98.93881	0
19	10	2302	3166	17.77195	0	17.77195	3166	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	12665.53	0	0	1	0	0	56.266	0.781323184	43961.93	25513.02	81731.93	78449.26		235.5857	43905.88
10	3	0	448	6.5	0	6.5	448	100	0	0	225.101	0	0.940315	0.453436	0	0.8007	372.3785	0	0	5.9	0	0	17.1808	0	0	750.1065				12.19254	0
3	0	0	288	1.5	0	1.5	288	100	0	0	127.8772	0.333333	0.47619	0.257592	0	0.406737	55.24297	0	0	5.9	0	0	2.5488	0	0	111.2795				1.808784	0
14.00	6.66	3902.00	8760.00	11.96474	0	11.96474	8760	100	0	0	127.8772	0.333333	0.47619	0.698677	0	0.406737	36353.44	0	0	1	0	0	104.81114	1.410665252	147853.4	73229.13				436.8442	147748.6
0	0	0	0	0	0	0	0	100	0	0	346.8471	0	0.476190	0.236984	0	0.406737	0	0	0	1	0	0	0	0	0	0				0	0
0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.476190	0.257592	0	0.406737	0	0	0	5.9	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	0.406737	0	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	0.406737	0	0	0	0	0	0	0	0	0	0				0	0
0	0	0	0	0	0.33	0	0	100	0	0	117.6471	0.333333	0.476190	0.236984	0	0.406737	0	0	0	0	0	0	0	0	0	0				0	0
																	53201.82	0	0	Cogen						107167.9	171177.9	157156.5			191654.3
																				V											

ee pr C1 MWh/y	ee prC2 MWh/y	ee ca C1 MWh/y	ee ca 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	191654.3	-103.8975	-19.7296	0	13.03249	13.03249	0	3755.218	1.499083	49446.6	15.78127	0	0	17.29035	812.7224	-0.20765	188867.2	157156.5	0	0	0	0	0	8.954304694	117.9052	0	0

Hdelv	TJ/y
H livr C1	125.9822
H livr C2	689.4313
H livr CT	97.58647
H livr PT	827.7771

	Epomp+sl MWh/y	milE/y
T C1	6.366317	0.000556
T C2	146.8516	0.014212
D PT	2172.556	0.263857
D CT	337.7186	0.041016
C1	103.8975	0.009074
C2	19.7296	0.001909
TOTAL	2787.119	0.330625

	TJ/y
Gas CT	133.6463
GAS TOT	1759.78
biorefTJ/y	0

Gas CT	GAS TOT	milE/y
E3Nmc/y	E3Nmc/y	
2938.909	56140.73	18.46356
TJ/y	TJ/y	
104.5843	1998.02	
milE/y		
1.173212		

TQTcomb 18.46356

CO2 t Cen t/y	CO2 t Sub t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	0	0	0

	BIO	WASTE
	0	0

2017.5	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
	674	209	2017	787.0473	95.95269	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

CAF G 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		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
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	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
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	0	0	0	3.5	0	0	0	0	0	0				0	0
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	0	0	0	3.5	0	0	0	0	0	0				0	0
10	0	1	25	5.2	0	5.2	25	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	16.44529	0	0	3.5	0	0	0.455	0	0	33.12682				0.54431	0
10	0	25	102	6.22549	0	6.22549	102	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	80.32891	0	0	3.5	0	0	2.2225	0	0	161.8116				2.658745	0
10	0	102	178	7.865169	0	7.865169	178	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	177.1031	0	0	3.5	0	0	4.9	0	0	356.7504	24174.57	19013.71		5.8618	0
10	0	178	455	6.958044	0	6.958044	455	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	400.3795	0	0	3.5	0	0	11.0775	0	0	806.5107	24174.57	16815.94		13.25186	0
17	0	455	2140	10.30724	0	10.30724	2140	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	2790.323	0	0	3.5	0	0	77.20125	0	0	5620.73	41096.77	24917.32		92.35475	0
19	10	2140	3101	17.60545	0	17.60545	3101	100	0	0	126.5022	0.333333	0.47619	0.254822	0	0.406737	12247.12	0	0	1	0	0	54.5945	0.774770968	42298.23	24670.17	81451.52	75473.19		228.5872	42243.64
10	3	0	450	6.5	0	6.5	450	100	0	0	224.3267	0	0.891505	0.45188	0	0.8007	12247.12	0	0	5.9	0	0	17.2575	0	0	753.4552				12.24698	0
3	0	0	280	1.5	0	1.5	280	100	0	0	127.8772	0.333333	0.47619	0.257592	0	0.406737	374.0409	0	0	5.9	0	0	2.478	0	0	108.1884				1.75854	0
14.00	6.50	3831.00	8760.00	11.88998	0	11.88998	8760	100	0	0	127.8772	0.333333	0.47619	0.257592	0	0.406737	53.70844	0	0	1	0	0	104.15625	1.420713709	147976.2	73225.31				436.1022	147672.1
0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.476190	0.703033	0	0.406737	36351.55	0	0	1	0	0	0	0	0	0				0	0
0	0	0	0	0	5	0	0	100	0	0	127.87	0	0	0.236984	0	0.406737	0	0	0	5.9	0	0	0	0	0	0				0	0
0	0	0	0	0	0.71	0	0	100	0	0	192.3529	0	0	0.257592	0	0.406737	0	0	0	0	0	0	0	0	0	0				0	0
0	0	0	0	0	0.35	0	0	100	0	0	117.6471	0.333333	0.476190	0.236984	0	0.406737	0	0	0	0	0	0	0	0	0	0				0	0
																	52490.99	0	0	Cogen						105736.1	170897.4	136220.2			190115.7
																				V											

ee pr C1 MWh/y	ee prC2 MWh/y	ee ca C1 MWh/y	ee ca 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	190115.7	-95.85625	-19.7355	0	12.92787	12.92787	0	3464.579	1.38308	49026.41	15.65707	0	0	17.04013	793.3864	0.802881	187451.1	136220.2	0	0	0	0	0	8.261277406	116.9033	0	0

Hdelv	TJ/y
H livr C1	108.3524
H livr C2	678.6949
H livr CT	95.95269
H livr PT	600.7587

	Epomp+sl MWh/y	milE/y
T C1	4.9418	0.000432
T C2	132.9818	0.01287
D PT	2079.053	0.252501
D CT	332.0646	0.040329
C1	95.85625	0.008372
C2	19.7355	0.00191
TOTAL	2684.832	0.316414

	TJ/y
Gas CT	123.3026
GAS TOT	1744.625
biorefTJ/y	0

Gas CT	GAS TOT	milE/y
E3Nmc/y	E3Nmc/y	
2689.706	55380.7	18.19371
TJ/y	TJ/y	
102.8432	1970.871	
milE/y		
1.15357		

TQTcomb 18.19371

CO2 t Cen t/y	CO2 t Sub t/y	CO2 t Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	235000	0	0	0

	BIO	WASTE
	0	0

2018.0	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
	647	209	2018	767.7814	88.21857	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

98.6

C19

Tip sursa

CAF G 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		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
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	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	Dmd gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
0	0	1	1	0	0	0	1				126.5022	0.333333	0.47619	0.254822			0	0	0	3.5			0	0	0					0	0
0	0	1	1	0	0	0	1				126.5022	0.333333	0.47619	0.254822			0	0	0	3.5			0	0	0					0	0
10	0	1	16	5.3125	0	5.3125	16				126.5022	0.333333	0.47619	0.254822			10.75269	0	0	3.5			0.2975	0	0	21.65985				0.355895	0
10	0	16	93	5.860215	0	5.860215	93				126.5022	0.333333	0.47619	0.254822			68.94371	0	0	3.5			1.9075	0	0	138.8778				2.281915	0
10	0	93	169	7.751479	0	7.751479	169				126.5022	0.333333	0.47619	0.254822			185.7179	0	0	3.5			4.585	0	0	333.8165	24174.57	18738.87		5.48497	0
10	0	169	434	6.947005	0	6.947005	434				126.5022	0.333333	0.47619	0.254822			381.4042	0	0	3.5			10.5525	0	0	788.2875	24174.57	16794.09		12.62381	0
17	0	434	1990	10.35377	0	10.35377	1990				126.5022	0.333333	0.47619	0.254822			2606.452	0	0	3.5			72.114	0	0	5250.347	41096.77	25029.79		86.26895	0
19	10	1990	3024	17.46131	0	17.46131	3024				126.5022	0.333333	0.47619	0.254822			11810.15	0	0	1			52.803	0.769134937	40612.63	23789.97	81210.32	74633.61		221.0862	40559.83
10	3	0	482	6.5	0	6.5	482				223.8644	0	0.923879	0.450542			400.6394	0	0	5.9			18.4847	0	0	807.0342				13.11787	0
3	0	0	293	1.5	0	1.5	293				127.8772	0.333333	0.47619	0.257592			56.20205	0	0	5.9			2.59305	0	0	113.2115				1.840187	0
14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760				127.8772	0.333333	0.47619	0.257592			36351.2	0	0	1			104.03625	1.422568549	147998.7	73224.8				435.5998	147894.7
0	0	0	0	0	0	0	0				349.409	0	0.923879	0.703837			0	0	0	1			0	0	0	0				0	0
0	0	0	0	0	5	0	0				117.6471	0.333333	0.47619	0.236984			0	0	0	5.9			0	0	0	0				0	0
0	0	0	0	0	0.71	0	0				127.87	0	0	0.257592			0	0	0	1			0	0	0	0				0	0
0	0	0	0	0	0.35	0	0				192.3529	0	0	0.387469			0	0	0	0			0	0	0	0				0	0
											377.4403	0.333333	0.50001	0.236984			51851.46	0	0	4.4204			0	0	0	0				0	0
																			0	Cogen V											

| | | |

ee pr C1	ee prC2	ee cs C1	ee cs C2	El inco C1	El inco C2	El inc 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	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	TJ/y			MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	778.6595	1.416822	185903	136196.4	0	0	0	0	0	7.709721195	115.9299	0	0

Hdelv	TJ/y
H livr C1	96.13743
H livr C2	671.644
H livr CT	88.21857
H livr PT	580.3208

Epomp+si	MWh/y	milE/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911
D CT	305.299	0.037079
C1	89.4565	0.007813
C2	21.07775	0.00204
TOTAL	2551.526	0.303131

Gas CT	GAS TOT		TJ/y	
E3Nmc/y	E3Nmc/y	milE/y	115.0705	
2656.785	54508.25	17.87802	E3Nmc/y	milE/y
TJ/y	TJ/y		1730.297	
94.55366	1939.921		biorefTJ/y	
milE/y			0	
1.060589				

TOTcomb 17.87802

CO2 i Cen	CO2 i Sud	CO2 i Tot	Dif CO2	CO2 tot	tscom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
143584	208611	235000	0	0	0

BIO	WASTE
0	0

2023.0	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
	647	209	2023	767.7814	88.21857	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

CAF G 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		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
Babcock		

S ext M	S ext m	T M	T m	S md ach	Intertie	Sarc prod	Durata M	% gaz	% bio	% lignit	cap gaz	cap bio	cap lign	CO2sp gz	CO2sp bio	CO2sp lig	cons gaz	cons bio	cons lignit	cap ee gz	cap ee bio	cap ee lig	cons ee	prod eeIG	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz.
Gcal/h	Gcal/h	h	h	Gcal/h	%	Gcal/h	h/y	%	%	%	Nmc/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	E3Nmc/y	t/y	t/y	kWh/Gcal	kWh/Gcal	kWh/Gcal	MWh/y	MWh/Gcal	MWh/y	t/y	Nmc/h	Nmc/h	mg/Nmc	TJ/y	MWh/y
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0	0
10	0	1	16	5.3125	0	5.3125	16	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0.355895	0
10	0	16	93	5.860215	0	5.860215	93	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	2.281915	0
10	0	93	169	7.751479	0	7.751479	169	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	10.75269	0	0	3.5	0	0	0.2975	0	0	21.65985	0	0	0	5.48497	0
10	0	169	434	6.947005	0	6.947005	434	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	68.94371	0	0	3.5	0	0	1.9075	0	0	138.8778	0	0	0	12.62381	0
17	0	434	1990	10.35377	0	10.35377	1990	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	165.7179	0	0	3.5	0	0	4.585	0	0	333.8165	24174.57	18738.87	0	86.26895	0
19	10	1990	3024	17.46131	0	17.46131	3024	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	381.4042	0	0	3.5	0	0	10.5525	0	0	768.2875	24174.57	16794.09	0	221.0862	40559.83
10	3	0	482	6.5	0	6.5	482	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	2606.452	0	0	3.5	0	0	72.114	0	0	5250.347	41896.72	25029.79	0	13.11787	0
3	0	0	293	1.5	0	1.5	293	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	11810.15	0	0	1	0	0	52.803	0.769134937	40612.63	23789.97	61215.92	74633.61	0	1.840187	0
14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760	100	0	0	127.8772	0.333333	0.47619	0.257592	0.333333	0.47619	400.8394	0	0	5.9	0	0	16.4847	0	0	807.0342	0	0	0	435.5998	147894.7
0	0	0	0	0	0	0	0	100	0	0	127.8772	0.333333	0.47619	0.257592	0.333333	0.47619	56.20205	0	0	5.9	0	0	2.59305	0	0	113.2115	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	349.409	0.333333	0.47619	0.703837	0.333333	0.47619	36351.2	0	0	1	0	0	104.03825	1.422568549	147998.7	73224.6	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.47619	0.236984	0.333333	0.47619	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	127.87	0.333333	0.47619	0.257592	0.333333	0.47619	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	5	0	0	100	0	0	192.3529	0.333333	0.47619	0.387469	0.333333	0.47619	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.71	0	0	100	0	0	117.6471	0.333333	0.47619	0.236984	0.333333	0.47619	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	117.6471	0.333333	0.47619	0.236984	0.333333	0.47619	51851.46	0	0	Cogen	0	0	0	0	0	104447.8	170656.2	135196.4		188454.5	
																				0 V											

ee pr C1	ee prC2	ee cs C1	ee cs C2	El inco C1	El inco C2	El inc 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	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	TJ/y			MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	778.6595	1.416822	185903	136196.4	0	0	0	0	0	7.709721195	115.9299	0	0

Hdelv	TJ/y
H livr C1	96.13743
H livr C2	671.644
H livr CT	88.21857
H livr PT	580.3208

Epomp+si	MWh/y	milE/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911
D CT	305.299	0.037079
C1	89.4565	0.007813
C2	21.07775	0.00204
TOTAL	2551.526	0.303131

Gas CT	GAS TOT		TJ/y	
E3Nmc/y	E3Nmc/y	milE/y	115.0705	
2656.785	54508.25	17.87802	E3Nmc/y	milE/y
TJ/y	TJ/y		1730.297	
94.55366	1939.921		biorefTJ/y	
milE/y			0	
1.060589				

TOTcomb 17.87802

CO2 i Cen	CO2 i Sud	CO2 i Tot	Dif CO2	CO2 tot	tscom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
143584	208611	235000	0	0	0

BIO	WASTE
0	0

2024.0	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
	647	209	2024	767.7814	88.21857	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

CAF G 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		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
Babcock		

S ext M	S ext m	T M	T m	S md ach	Intertie	Sarc prod	Durata M	% gaz	% bio	% lignit	cap gaz	cap bio	cap lign	CO2sp gz	CO2sp bio	CO2sp lig	cons gaz	cons bio	cons lignit	cap ee gz	cap ee bio	cap ee lig	cons ee	prod eeIG	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz.
Gcal/h	Gcal/h	h	h	Gcal/h	%	Gcal/h	h/y	%	%	%	Nmc/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	E3Nmc/y	t/y	t/y	kWh/Gcal	kWh/Gcal	kWh/Gcal	MWh/y	MWh/Gcal	MWh/y	t/y	Nmc/h	Nmc/h	mg/Nmc	TJ/y	MWh/y
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0	0
10	0	1	16	5.3125	0	5.3125	16	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0.355895	0
10	0	16	93	5.860215	0	5.860215	93	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	0	0	0	3.5	0	0	0	0	0	0	0	0	0	2.281915	0
10	0	93	169	7.751479	0	7.751479	169	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	10.75269	0	0	3.5	0	0	0.2975	0	0	21.65985	0	0	0	5.48497	0
10	0	169	434	6.947005	0	6.947005	434	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	68.94371	0	0	3.5	0	0	1.9075	0	0	138.8778	0	0	0	12.62381	0
17	0	434	1990	10.35377	0	10.35377	1990	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	165.7179	0	0	3.5	0	0	4.585	0	0	333.8165	24174.57	18738.87	0	86.26895	0
19	10	1990	3024	17.46131	0	17.46131	3024	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	381.4042	0	0	3.5	0	0	10.5525	0	0	768.2875	24174.57	16794.09	0	221.0862	40559.83
10	3	0	482	6.5	0	6.5	482	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	2606.452	0	0	3.5	0	0	72.114	0	0	5250.347	41896.72	25029.79	0	13.11787	0
3	0	0	293	1.5	0	1.5	293	100	0	0	126.5022	0.333333	0.47619	0.254822	0.333333	0.47619	11810.15	0	0	1	0	0	52.803	0.769134937	40612.63	23789.97	61215.92	74633.61	0	1.840187	0
14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760	100	0	0	127.8772	0.333333	0.47619	0.257592	0.333333	0.47619	400.8394	0	0	5.9	0	0	16.4847	0	0	807.0342	0	0	0	435.5998	147894.7
0	0	0	0	0	0	0	0	100	0	0	127.8772	0.333333	0.47619	0.257592	0.333333	0.47619	56.20205	0	0	5.9	0	0	2.59305	0	0	113.2115	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	349.409	0.333333	0.47619	0.703837	0.333333	0.47619	36351.2	0	0	1	0	0	104.03825	1.422568549	147998.7	73224.6	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	117.6471	0.333333	0.47619	0.236984	0.333333	0.47619	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	100	0	0	127.87	0.333333	0.47619	0.257592	0.333333	0.47619	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	5	0	0	100	0	0	192.3529	0.333333	0.47619	0.387469	0.333333	0.47619	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.71	0	0	100	0	0	117.6471	0.333333	0.47619	0.236984	0.333333	0.47619	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	117.6471	0.333333	0.47619	0.236984	0.333333	0.47619	51851.46	0	0	Cogen	0	0	0	0	0	104447.8	170656.2	135196.4		188454.5	
																				0 V											

ee pr C1	ee prC2	ee cs C1	ee cs C2	El inco C1	El inco C2	El inc 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	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	TJ/y			MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	778.6595	1.416822	185903	136196.4	0	0	0	0	0	7.709721195	115.9299	0	0

Hdelv	TJ/y
H livr C1	96.13743
H livr C2	671.644
H livr CT	88.21857

Epomp+si	MWh/y	milE/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y

TOTcomb

CO2 i Cen	CO2 i Sud	CO2 i Tot	Dif CO2	CO2 tot	tscom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
143584	208611	235000	0	0	0

H livr PT	580.3208	D CT	305.299	0.037079	2856.785	54508.25	17.87602		17.87602
		C1	89.4565	0.007813	TJ/y	TJ/y			
		C2	21.07775	0.00204	94.55366	1939.921			
		TOTAL	2551.526	0.303131	milE/y				
					1.060589				

BIO	WASTE
0	0

2025	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	2025	767.7814	88.21857	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

CAF G 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	
Babcock	
Babcock	
Ciclu mbt Chimiei	
Ciclu mbt Chimiei	
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 t/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cp gz t/Gcal	CO2cp bio t/Gcal	CO2cp 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 eef/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	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	1	0	0		1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
10	0	1	16	5.3125	0	5.3125	16	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	10.75269	0	0	3.5	[illegible]	[illegible]	0.2975	[illegible]	0	21.65985	[illegible]	[illegible]	[illegible]	0.355895	0
10	0	16	93	5.860215	0	5.860215	93	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	68.94371	0	0	3.5	[illegible]	[illegible]	1.9075	[illegible]	0	138.8778	[illegible]	[illegible]	[illegible]	2.281915	0
10	0	93	169	7.751479	0	7.751479	169	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	165.7179	0	0	3.5	0	0	4.585	0	0	333.8165	24174.57	18738.87	0	5.48497	0
10	0	169	434	6.947005	0	6.947005	434	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	381.4042	0	0	3.5	0	0	10.5525	0	0	768.2875	24174.57	18794.09	0	12.62381	0
17	0	434	1990	10.35377	0	10.35377	1990	100	0	0	126.5022	0.333333	0.47619	0.254822	[illegible]	0.406737	2806.452	0	0	3.5	0	0	72.114	0	0	5250.347	41096.77	25029.79	0	86.26895	0
19	10	1990	3024	17.46131	0	17.46131	3024	100	0	0	223.6644	0	0.923879	0.450542	0	0.8007	11810.15	0	0	1	0	0	52.803	0.769134937	40612.63	23789.97	51210.32	74833.61	0	221.0862	40559.83
10	3	0	482	6.5	0	6.5	482	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	400.6394	0	0	5.9	[illegible]	[illegible]	18.4847	[illegible]	0	807.0342	[illegible]	[illegible]	[illegible]	13.11767	0
3	0	0	293	1.5	0	1.5	293	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	56.20205	0	0	5.9	[illegible]	[illegible]	2.59305	[illegible]	0	113.2115	[illegible]	[illegible]	[illegible]	1.840167	0
14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760	[illegible]	[illegible]	[illegible]	349.409	0	[illegible]	0.703837	0	[illegible]	36351.2	0	0	1	[illegible]	[illegible]	104.03625	1.422568549	147998.7	73224.6	[illegible]	[illegible]	[illegible]	435.5998	147894.7
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	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	127.87	0	0	0.257592	0	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	0	0.387489	0	[illegible]	0	0	0	0	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	51851.48	0	0	Cogen	0	0	0	0	0	0	104447.8	170658.2	135196.4		188454.5
0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						0	V	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 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 diapo 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	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	776.6595	1.416822	165903	[illegible]	0	0	0	0	0	7.709721195	115.9299	0	0

Hdeliv	TJ/y
H livr C1	96.13743
H livr C2	671.644
H livr CT	88.21857
H livr PT	580.3208

Epomp+si	MWh/y	milE/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911
D CT	305.299	0.037079
C1	89.4565	0.007813
C2	21.07775	0.00204
TOTAL	2551.526	0.303131

	TJ/y
	115.0705
	1730.297
biorefTJ/y	0

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2856.785	54508.25	17.87602
TJ/y	TJ/y	
94.55366	1939.921	
milE/y		
1.060589		

TOTcomb 17.87602

CO2 1Con t/y	CO2 1Sud t/y	CO2 1Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
14.564	209811	235000	0	0	0

BIO	WASTE
0	0

2026	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	2026	767.7814	88.21857	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

CAF G 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	
Babcock	
Babcock	
Ciclu mbt Chimiei	
Ciclu mbt Chimiei	
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 t/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cp gz t/Gcal	CO2cp bio t/Gcal	CO2cp 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 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	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	1	0	0		1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
10	0	1	16	5.3125	0	5.3125	16	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	10.75269	0	0	3.5	[illegible]	[illegible]	0.2975	[illegible]	0	21.65985	[illegible]	[illegible]	[illegible]	0.355895	0
10	0	16	93	5.860215	0	5.860215	93	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	68.94371	0	0	3.5	[illegible]	[illegible]	1.9075	[illegible]	0	138.8778	[illegible]	[illegible]	[illegible]	2.281915	0
10	0	93	169	7.751479	0	7.751479	169	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	165.7179	0	0	3.5	0	0	4.585	0	0	333.8165	24174.57	18738.87	0	5.48497	0
10	0	169	434	6.947005	0	6.947005	434	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	381.4042	0	0	3.5	0	0	10.5525	0	0	768.2875	24174.57	18794.09	0	12.62381	0
17	0	434	1990	10.35377	0	10.35377	1990	100	0	0	126.5022	0.333333	0.47619	0.254822	[illegible]	0.406737	2806.452	0	0	3.5	0	0	72.114	0	0	5250.347	41096.77	25029.79	0	86.26895	0
19	10	1990	3024	17.46131	0	17.46131	3024	100	0	0	223.6644	0	0.923879	0.450542	0	0.8007	11810.15	0	0	1	0	0	52.803	0.769134937	40612.63	23789.97	51210.32	74833.61	0	221.0862	40559.83
10	3	0	482	6.5	0	6.5	482	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	400.6394	0	0	5.9	[illegible]	[illegible]	18.4847	[illegible]	0	807.0342	[illegible]	[illegible]	[illegible]	13.11767	0
3	0	0	293	1.5	0	1.5	293	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	56.20205	0	0	5.9	[illegible]	[illegible]	2.59305	[illegible]	0	113.2115	[illegible]	[illegible]	[illegible]	1.840167	0
14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760	[illegible]	[illegible]	[illegible]	349.409	0	[illegible]	0.703837	0	[illegible]	36351.2	0	0	1	[illegible]	[illegible]	104.03625	1.422568549	147998.7	73224.6	[illegible]	[illegible]	[illegible]	435.5998	147894.7
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	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	127.87	0	0	0.257592	0	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	0	0.387489	0	[illegible]	0	0	0	0	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	51851.48	0	0	Cogen	0	0	0	0	0	0	104447.8	170658.2	135196.4		188454.5
0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						0	V	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 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 diapo 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	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	776.6595	1.416822	165903	[illegible]	0	0	0	0	0	7.709721195	115.9299	0	0

Hdeliv	TJ/y
H livr C1	96.13743
H livr C2	671.644
H livr CT	88.21857
H livr PT	580.3208

Epomp+si	MWh/y	milE/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911
D CT	305.299	0.037079
C1	89.4565	0.007813
C2	21.07775	0.00204
TOTAL	2551.526	0.303131

	TJ/y
	115.0705
	1730.297
biorefTJ/y	0

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2856.785	54508.25	17.87602
TJ/y	TJ/y	
94.55366	1939.921	
milE/y		
1.060589		

TOTcomb 17.87602

CO2 1Con t/y	CO2 1Sud t/y	CO2 1Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
14.564	209811	235000	0	0	0

BIO	WASTE
0	0

pg. 10

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
	847	209	2027	767.7814	88.21857	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

CAF G L1	0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0
CAF GAS L 2	0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0
CAF GAS L3	10	0	1	16	5.3125	0	5.3125	16	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	10.75269	0	0	3.5	[illegible]	[illegible]	0.2975	[illegible]	0	21.65985	[illegible]	[illegible]	0.355895	0
CAF GAS L 4	10	0	16	93	5.860215	0	5.860215	93	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	68.94371	0	0	3.5	[illegible]	[illegible]	1.9075	[illegible]	0	138.8778	[illegible]	[illegible]	2.281915	0
CAF GAS L 5	10	0	93	169	7.751479	0	7.751479	169	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	165.7179	0	0	3.5	[illegible]	[illegible]	4.585	[illegible]	0	333.8165	24174.57	18738.87	5.48497	0
CAF GAS L 6	10	0	169	434	6.947005	0	6.947005	434	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	381.4042	0	0	3.5	[illegible]	[illegible]	10.5525	0	0	768.2875	24174.57	16794.09	12.62381	0
CAF GAS L 7	17	0	434	1990	10.35377	0	10.35377	1990	100	0	0	126.5022	0.333333	0.47619	0.254822	[illegible]	0.406737	2606.452	0	0	3.5	[illegible]	[illegible]	72.114	[illegible]	0	5250.347	41996.77	25029.79	86.26895	0
Turbina Gaz Chimiei	19	10	1990	3024	17.46131	0	17.46131	3024	100	0	0	126.5022	0.333333	0.47619	0.254822	[illegible]	0.8007	11810.15	0	0	1	[illegible]	[illegible]	52.803	0.769134937	40612.63	23789.97	51210.32	74633.61	221.0862	40559.83
Babcock	10	3	0	482	6.5	0	6.5	482	[illegible]	[illegible]	[illegible]	223.6844	0	0.923879	0.450542	[illegible]	[illegible]	400.6394	0	0	5.9	[illegible]	[illegible]	18.4847	[illegible]	0	807.0342	[illegible]	[illegible]	13.11787	0
Babcock	3	0	0	293	1.5	0	1.5	293	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	56.20205	0	0	5.9	[illegible]	[illegible]	2.59305	[illegible]	0	113.2115	[illegible]	[illegible]	1.840187	0
Ciclu mixt Chimiei	14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	36351.2	0	0	1	[illegible]	[illegible]	104.03625	1.422568549	147998.7	73224.6	[illegible]	[illegible]	435.5998	147894.7
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	349.409	0	[illegible]	0.703837	[illegible]	[illegible]	0	0	0	1	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
Babcock	0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
	0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	127.87	0	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
	0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	[illegible]	0.387469	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	51851.46	0	0 Cogen	0	0	0	0	0	0	104447.8	170658.2	135196.4		188454.5
																				0 V	0	0	0	0							

	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	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	778.8595	1.416822	165903	135199.4	0	0	0	0	0	7.709721195	115.9299	0	0

Hidelv	TJ/y
H livr C1	96.13743
H livr C2	671.844
H livr CT	88.21857
H livr PT	580.3208

Epompt-si	MWh/y	mil E/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911
D CT	305.299	0.037079
C1	89.4565	0.007813
C2	21.07775	0.00204
TOTAL	2551.526	0.303131

	TJ/y
	115.0705
Gas CT	GAS TOT
E3Nmc/y	E3Nmc/y
2858.785	54508.25
TJ/y	TJ/y
94.55366	1939.921
mil E/y	
1.080589	

	TJ/y
	1730.297
biorefTJ/y	
0	

TOTcomb	17.87802

	CO2 t/y	Can CO2 t/y	Sud CO2 t/y	CO2 Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
	143564	208811	235000		0	0	0

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
	847	209	2028	767.7814	88.21857	103	18	82	2028	399.20	0.80	319.36	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

CAF G L1	0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0
CAF GAS L 2	0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	0	0	0	3.5	[illegible]	[illegible]	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0
CAF GAS L3	10	0	1	16	5.3125	0	5.3125	16	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	10.75269	0	0	3.5	[illegible]	[illegible]	0.2975	[illegible]	0	21.65985	[illegible]	[illegible]	0.355895	0
CAF GAS L 4	10	0	16	93	5.860215	0	5.860215	93	[illegible]	[illegible]	[illegible]	126.5022	[illegible]	[illegible]	0.254822	[illegible]	[illegible]	68.94371	0	0	3.5	[illegible]	[illegible]	1.9075	[illegible]	0	138.8778	[illegible]	[illegible]	2.281915	0
CAF GAS L 5	10	0	93	169	7.751479	0	7.751479	169	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	165.7179	0	0	3.5	[illegible]	[illegible]	4.585	[illegible]	0	333.8165	24174.57	18738.87	5.48497	0
CAF GAS L 6	10	0	169	434	6.947005	0	6.947005	434	100	0	0	126.5022	0.333333	[illegible]	0.254822	[illegible]	[illegible]	381.4042	0	0	3.5	[illegible]	[illegible]	10.5525	0	0	768.2875	24174.57	16794.09	12.62381	0
CAF GAS L 7	17	0	434	1990	10.35377	0	10.35377	1990	100	0	0	126.5022	0.333333	0.47619	0.254822	[illegible]	0.406737	2606.452	0	0	3.5	[illegible]	[illegible]	72.114	[illegible]	0	5250.347	41996.77	25029.79	86.26895	0
Turbina Gaz Chimiei	19	10	1990	3024	17.46131	0	17.46131	3024	100	0	0	126.5022	0.333333	0.47619	0.254822	[illegible]	0.8007	11810.15	0	0	1	[illegible]	[illegible]	52.803	0.769134937	40612.63	23789.97	51210.32	74633.61	221.0862	40559.83
Babcock	10	3	0	482	6.5	0	6.5	482	[illegible]	[illegible]	[illegible]	223.6844	0	0.923879	0.450542	[illegible]	[illegible]	400.6394	0	0	5.9	[illegible]	[illegible]	18.4847	[illegible]	0	807.0342	[illegible]	[illegible]	13.11787	0
Babcock	3	0	0	293	1.5	0	1.5	293	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	56.20205	0	0	5.9	[illegible]	[illegible]	2.59305	[illegible]	0	113.2115	[illegible]	[illegible]	1.840187	0
Ciclu mixt Chimiei	14.00	6.50	3799.00	8760.00	11.87628	0	11.87628	8760	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	36351.2	0	0	1	[illegible]	[illegible]	104.03625	1.422568549	147998.7	73224.6	[illegible]	[illegible]	435.5998	147894.7
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	349.409	0	[illegible]	0.703837	[illegible]	[illegible]	0	0	0	1	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
Babcock	0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	5.9	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
	0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	127.87	0	[illegible]	0.257592	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
	0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	[illegible]	0.387469	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	0	0
									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	51851.46	0	0 Cogen	0	0	0	0	0	0	104447.8	170658.2	135196.4		188454.5
																				0 V	0	0	0	0							

	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	188454.5	-89.4565	-21.0778	0	12.81491	12.81491	0	3233.27	1.290721	48618.19	15.52671	0	0	16.81743	778.8595	1.416822	165903	135199.4	0	0	0	0	0	7.709721195	115.9299	0	0

Hidelv	TJ/y
H livr C1	96.13743
H livr C2	671.844
H livr CT	88.21857
H livr PT	580.3208

Epompt-si	MWh/y	mil E/y
T C1	4.070515	0.000356
T C2	123.299	0.011933
D PT	2008.323	0.243911
D CT	305.299	0.037079
C1	89.4565	0.007813
C2	21.07775	0.00204
TOTAL	2551.526	0.303131

	TJ/y
	115.0705
Gas CT	GAS TOT
E3Nmc/y	E3Nmc/y
2858.785	54508.25
TJ/y	TJ/y
94.55366	1939.921
mil E/y	
1.080589	

	TJ/y
	1730.297
biorefTJ/y	
0	

TOTcomb	17.87802

	CO2 t/y	Can CO2 t/y	Sud CO2 t/y	CO2 Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 mil E/y
	143564	208811	235000		0	0	0

BIO	WASTE
0	0

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CO2 inf t/y	211863.94	2.84E+08	202075.3	197399.8	114247.5	112740.1	108502.6	107187.9	105736.1	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8

eff evolution				med load	% maxload
12.00	8.00	0.00	2759.00	10	0.83
12.00	6.50	0.00	3885.00	9.25	0.77

pg 1
col. II

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	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	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	Cfix OPSE 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
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	2006.00	0.97	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00
111.45	58	[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	2009.00	0.94	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	150.00	67.00
114.45	61	[illegible]	26	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
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	0.00	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
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
121.45	68	[illegible]	28	0	0.20	0	0	29.77	29.77	14.49	14.49	4538.80	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

NO act C2 g/GJ	NO re C2 g/GJ	NOxi CAF 0 or 1
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]
150.00	67.00	[illegible]

Definirea z
z1
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z14
z15

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 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	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	0.00	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 t/y	CO2 2013 t/y	El cd MWh/y	El cog MWh/y	El cog hef MWh/y
-0.378	1	35589.5	12561	8374	0.486232	93	52	90	29	87	39.55	86	0	0.50244	0.50244		0	0	0	0	0	67	0.032578	0	0	1	0	0	0	0	0	0	0
-3.0275	1	35589.5	12561	8374	3.89436	93	52	90	29	87	39.55	86	0	4.024172	4.024172		0	0	0	0	0	67	0.260922	0	0	1	0	0	0	0	0	0	0
-8.86	1	35589.5	12561	8374	6.824215	93	52	90	29	87	39.55	86	0	9.118356	9.118356		0	0	0	0	0	67	0.591222	0	0	1	0	0	0	0	0	0	0
-13.8425	1	35589.5	12561	8374	17.80601	93	52	90	29	87	39.55	86	0	18.39954	18.39954		0	0	0	0	0	67	1.193002	0	0	1	0	0	0	0	0	0	0
-37.085	1	35589.5	12561	8374	47.67777	93	52	90	33	87	39.55	86	0	49.26703	49.26703		0	0	0	0	0	67	3.194411	0	0	1	0	0	0	0	0	0	0
-80.1675	1	35589.5	12561	8374	103.1218	93	52	90	33	87	39.55	86	0	106.5592	106.5592		0	0	0	0	0	67	6.909158	0	0	1	0	0	0	0	0	0	0
-199.117	1	35589.5	12561	8374	256.1296	93	52	90	29	87	39.55	86	0	264.6672	264.6672		0	0	0	0	0	67	17.16068	0	0	1	0	0	0	0	61277.41	61277.41	
0	1	35589.5	12561	6908	613.4552	87.30281	52	90	29	87	39.55	86	424.749	349.9611	774.7101	26.28633	3.370258	0	3.370258	0	0	67	41.1015	0	0	0	1	1	0	0	0	0	0
-18.5672	1	35589.5	12561	6908	12.77945	92	52	90	29	87	39.55	86	0	13.06344	13.06344		0	0	0	0	0	67	0.856223	0	0	0	1	0	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	67	0.288609	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	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	67	0	0	0	0	1	1	0	0	0	0	0
-693.505	1	35589.5	12561	6908	534.9189	87.40495	52	90	33	87	39.55	86	0	519.495	519.495		0	0	0	0	0	0	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	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
																	3.370258		0	TotelcogG	TotelcogS												
																				3.370258	0												

Products		
Heat sold	TJ/y	923
Losses	TJ/y	469
Heat C1	TJ/y	412.0733
Heat C2	TJ/y	798.2306
Heat CT	TJ/y	181.6961
HeatDwell	TJ/y	701.5649
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	61277.41
El Cogen	MWh/y	61277.41
El hef Cog	MWh/y	61277.41
El Tot	MWh/y	61277.41

Emmiss		
CO2	t/y	80754.22
SO2 C2	t/y	0
NOx C1	t/y	29.34198
NOx C2	t/y	42.24633
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 limit		OK
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 Pt		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		12.44496
biomass		0
waste H		0
others		0
TOTAL		12.44496
Fuel cons		
gsE3Mc/y		50524.09
Coal t/y		0
biom t/y		0
gas TJ/y		1798.145
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1798.145

O&Mcos	mil E	
Tpump&is		0.744153
D pump		0.379609
DESOX		0
Free		0
Ist Depr		0.97
Sal		5.125
Cfix		7.11815
Others		0
TOTAL		14.33499
Electr inc	mil E	
C1		0
C2		3.370258
Total		3.370258
CO2 inc	mil E	3.606145

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 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	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 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 t/y	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	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	86	0	2.675028	2.675028		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	67	21.1299	0	0	1	0	0	1.98E-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

pg 2 col II

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pg 3 col. II

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pg 4 col II

Heat CT	TJ/y	101.342
HeatDwell	TJ/y	674.0736
HeatPublic	TJ/y	28.724
H Industrie	TJ/y	0
H Services	TJ/y	26.958
El Tot C1	MWh/y	0
El Tot C2	MWh/y	199477.5
El Cogen	MWh/y	199477.5
El hef Cog	MWh/y	199477.5
El Tot	MWh/y	199477.5

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 leak		OK
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

F		0
F		0
C2	mil E	1.736
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 PI		0
TOTAL	mil E	6.30

waste H	0
others	0
TOTAL	19.73014
Fuel cons	
gsE3Mc/y	50798.39
Coal t/y	0
biom t/y	0
gas TJ/y	2127.127
coal TJ/y	0
biom TJ/y	0
Total TJ/y	2127.127

Ist Depr	0.65
Sal	8.768075
Cfix	7.29115
Others	0
TOTAL	14.08402
Electr inc	mil E
C1	0
C2	13.58447
Total	13.58447
CO2 inc	mil E
	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	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	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	450mg	150 200mg	67	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	Viecogc+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
-1.015	1	35589.5	12561	6908	1.305624	93	52	90	29	87	39.55	86	0	1.349144	1.349144	0	0	0	0	0	0	67	0.087477	0	0	1	0	0	0	0	0	0
-3.4475	1	35589.5	12561	6908	4.434818	93	52	90	29	87	39.55	86	0	4.582439	4.582439	0	0	0	0	0	0	67	0.297119	0	0	1	0	0	0	0	0	0
-6.365	1	35589.5	12561	6908	10.76014	93	52	90	33	87	39.55	86	0	11.11881	11.11881	0	0	0	0	0	0	67	0.720929	0	0	1	0	0	0	0	0	0
-15.75	1	35589.5	12561	6908	20.25968	93	52	90	33	87	39.55	86	0	20.935	20.935	0	0	0	0	0	0	67	1.357398	0	0	1	0	0	0	0	0	0
-100.406	1	35589.5	12561	6908	129.1554	93	52	90	29	87	39.55	86	0	133.4606	133.4606	0	0	0	0	0	0	67	8.653415	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	515.2319	87.31975	52	90	29	87	39.55	86	351.1032	297.284	648.3872	25.84376	3.444269	0	3.444269	0	0	67	34.52054	0	0	0	1	1	0	0	50651.01	50651.01
-18.6381	1	35589.5	12561	6908	14.37868	92	52	90	29	87	39.55	86	0	14.69637	14.69637	0	0	0	0	0	0	67	0.963251	0	0	0	1	0	0	0	0	0
-2.8913	1	35589.5	12561	6908	2.307401	92	52	90	29	87	39.55	86	0	2.358877	2.358877	0	0	0	0	0	0	67	0.154596	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1294.043	75.67235	52	90	29	87	39.55	86	1020.451	498.8717	1519.323	17.40896	10.0158	0	10.0158	0	0	67	86.7009	0	0	0	1	1	0	0	147291.2	147291.2
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	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
																	13.46007		0	TotelcogG 13.46007	TotelcogS 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
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	19.44833
biomass	0
waste H	0
others	0
TOTAL	19.44833
Fuel cons	
gsE3Mc/y	56379.49
Coal t/y	0
biom t/y	0
gas TJ/y	2099.05
coal TJ/y	0
biom TJ/y	0
Total TJ/y	2099.05

O&Mcos	mil E
Tpump&is	0.032713
D pump	0.327674
DESOX	0
Free	0
Ist Depr	0.64
Sal	5.900741
Cfix	5.52415
Others	0
TOTAL	12.4259
Electr inc	mil E
C1	0
C2	13.46007
Total	13.46007
CO2 inc	mil E
	0

Products		
Heat sold	TJ/y	754
Losses	TJ/y	209
Heat C1	TJ/y	135.1166
Heat C2	TJ/y	731.8897
Heat CT	TJ/y	99.99469
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	197942.3
El Cogen	MWh/y	197942.3
El hef Cog	MWh/y	197942.3
El Tot	MWh/y	197942.3

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	11.11634
NOx C2	t/y	122.9393
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 leak		OK
SO2 C2		OK
NOx C1		OK
NOx C2		OK
Dust C2		OK

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	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	450mg	150 200mg	67	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	Viecogc+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
-0.77	1	35589.5	12561	6908	0.990473	93	52	90	29	87	39.55	86	0	1.023489	1.023489	0	0	0	0	0	0	67	0.086362	0	0	1	0	0	0	0	0	0
-2.8525	1	35589.5	12561	6908	3.689253	93	52	90	29	87	39.55	86	0	3.791561	3.791561	0	0	0	0	0	0	67	0.24564	0	0	1	0	0	0	0	0	0
-6.7375	1	35589.5	12561	6908	8.66664	93	52	90	33	87	39.55	86	0	8.955528	8.955528	0	0	0	0	0	0	67	0.580865	0	0	1	0	0	0	0	0	0
-13.37	1	35589.5	12561	6908	17.19822	93	52	90	33	87	39.55	86	0	17.77149	17.77149	0	0	0	0	0	0	67	1.15228	0	0	1	0	0	0	0	0	0
-87.822	1	35589.5	12561	6908	112.966	93	52	90	29	87	39.55	86	0	116.7336	116.7336	0	0	0	0	0	0	67	7.568853	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	464.2934	87.32485	52	90	29	87	39.55	86	314.9215	268.7682	583.6897	25.7157	3.0893	0	3.0893	0	0	67	31.10766	0	0	0	1	1	0	0	45430.89	45430.89
-17.2575	1	35589.5	12561	6908	13.31193	92	52	90	29	87	39.55	86	0	13.60775	13.60775	0	0	0	0	0	0	67	0.891899	0	0	0	1	0	0	0	0	0
-2.64815	1	35589.5	12561	6908	2.041163	92	52	90	29	87	39.55	86	0	2.086522	2.086522	0	0	0	0	0	0	67	0.136758	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.868	75.20811	52	90	29	87	39.55	86	1022.738	490.6932	1513.432	16.96951	10.03839	0	10.03839	0	0	67	86.65918	0	0	0	1	1	0	0	147623.4	147623.4
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	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
																	13.12769		0	TotelcogG 13.12769	TotelcogS 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

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	16.71001
biomass	0
waste H	0
others	0
TOTAL	16.71001
Fuel cons	
gsE3Mc/y	56635.27
Coal t/y	0
biom t/y	0
gas TJ/y	2022.739
coal TJ/y	0

O&Mcos	mil E
Tpump&is	0.027934
D pump	0.31605
DESOX	0
Free	0
Ist Depr	0.61
Sal	5.900741
Cfix	5.52415
Others	0
TOTAL	12.27615
Electr inc	mil E
C1	0
C2	13.12769
Total	13.12769

Products		
Heat sold	TJ/y	730
Losses	TJ/y	209
Heat C1	TJ/y	142.7125
Heat C2	TJ/y	697.6401
Heat CT	TJ/y	96.64736
HeatDwell	TJ/y	629.048
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	193054.3
El Cogen	MWh/y	193054.3
El hef Cog	MWh/y	193054.3

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	9.814
NOx C2	t/y	118.8255
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 leak		OK

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El Tot MWh/y 192054.3

SO2 C2	OK
NOx C1	OK
NOx C2	OK
Dust C2	OK

Col cen 0.00
Inch dep 0
Waste Pi 0

biom TJ/y 0
Total TJ/y 2022.738

CO2 inc mil E 0

SalOPSEI	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 CAF2	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	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 cod 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
-0.63	1	35589.5	12561	6908	0.810367	93	52	90	29	87	39.55	86	0	0.8374	0.8374	0	0	0	0	0	0	67	0.054296	0	0	1	0	0	0	0	0	0
-2.5725	1	35589.5	12561	6908	3.309081	93	52	90	33	87	39.55	86	0	3.419383	3.419383	0	0	0	0	0	0	67	0.221708	0	0	1	0	0	0	0	0	0
-5.7925	1	35589.5	12561	6908	7.451059	93	52	90	33	87	39.55	86	0	7.699428	7.699428	0	0	0	0	0	0	67	0.499221	0	0	1	0	0	0	0	0	0
-12.1975	1	35589.5	12561	6908	15.68999	93	52	90	29	87	39.55	86	0	16.21299	16.21299	0	0	0	0	0	0	67	1.05123	0	0	1	0	0	0	0	0	0
-82.705	1	35589.5	12561	6908	106.3858	93	52	90	29	87	39.55	86	0	109.932	109.932	0	0	0	0	0	0	67	7.12785	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	450.78	87.32942	52	90	29	87	39.55	86	304.3518	261.7619	566.1138	25.59084	2.985585	0	2.985585	0	0	67	30.20092	0	0	1	1	0	0	43905.66	43905.66	0
-17.1808	1	35589.5	12561	6908	13.25277	92	52	90	29	87	39.55	86	0	13.54727	13.54727	0	0	0	0	0	0	67	0.887935	0	0	1	0	0	0	0	0	0
-2.5488	1	35589.5	12561	6908	1.96607	92	52	90	29	87	39.55	86	0	2.00976	2.00976	0	0	0	0	0	0	67	0.131727	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	1293.801	75.03004	52	90	29	87	39.55	86	1023.601	487.6047	1511.205	16.80358	10.04691	0	10.04691	0	0	67	66.68466	0	0	1	1	0	0	147748.6	147748.6	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	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	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	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	0	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	0	0	0	0	0	1	0	0	0	0	0	0
																		13.03249	0	TotelcogG	TotelcogS											
																				13.03249	0											

Products		
Heat sold	TJ/y	703
Losses	TJ/y	209
Heat C1	TJ/y	125.9622
Heat C2	TJ/y	882.4313
Heat CT	TJ/y	97.55647
HeatDwell	TJ/y	602.8928
HeatPublic	TJ/y	23.902
H Industrie	TJ/y	0
H Services	TJ/y	23.196
El Tot C1	MWh/y	0
El Tot C2	MWh/y	191654.3
El Cogen	MWh/y	191654.3
El hef Cog	MWh/y	191654.3
El Tot	MWh/y	191654.3

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	8.454305
NOx C2	t/y	117.9062
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 vertf		
CO2 inc		OK
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 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		16.48356
biomass		0
waste H		0
others		0
TOTAL		16.48356
Fuel cons		
gsE3Mc/y		56140.73
Coal t/y		0
biom t/y		0
gas TJ/y		1998.02
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1998.02

O&Mcos	mil E	
Tpump&is		0.025752
D pump		0.304873
DESOX		0
Free		0
Ist Depr		0.50
Sal		5.900741
Cfix		5.52415
Others		0
TOTAL		12.25496
Electr inc	mil E	
C1		0
C2		13.03249
Total		13.03249
CO2 Inc	mil E	0

SalOPSEI	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 CAF2	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	5351.15	885	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 cod 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	0.604789	0.604789	0	0	0	0	0	0	67	0.039214	0	0	1	0	0	0	0	0	0
-0.455	1	35589.5	12561	6908	0.58528	93	52	90	29	87	39.55	86	0	2.954161	2.954161	0	0	0	0	0	0	67	0.191544	0	0	1	0	0	0	0	0	0
-2.2225	1	35589.5	12561	6908	2.858896	93	52	90	29	87	39.55	86	0	8.513111	8.513111	0	0	0	0	0	0	67	0.422302	0	0	1	0	0	0	0	0	0
-4.9	1	35589.5	12561	6908	6.303011	93	52	90	33	87	39.55	86	0	14.72428	14.72428	0	0	0	0	0	0	67	0.954704	0	0	1	0	0	0	0	0	0
-11.0775	1	35589.5	12561	6908	14.24931	93	52	90	33	87	39.55	86	0	102.6164	102.6164	0	0	0	0	0	0	67	8.653514	0	0	1	0	0	0	0	0	0
-77.2013	1	35589.5	12561	6908	99.30619	93	52	90	29	87	39.55	86	292.8338	253.9857	546.8197	25.45513	2.872567	0	2.872567	0	0	67	29.2032	0	0	1	1	0	0	42243.84	42243.84	0
0	1	35589.5	12561	6908	435.8687	87.33462	52	90	29	87	39.55	86	0	13.60775	13.60775	0	0	0	0	0	0	67	0.891689	0	0	1	0	0	0	0	0	0
-17.2575	1	35589.5	12561	6908	13.31193	92	52	90	29	87	39.55	86	0	1.953933	1.953933	0	0	0	0	0	0	67	0.128068	0	0	1	1	0	0	147872.1	147872.1	0
-2.478	1	35589.5	12561	6908	1.911457	92	52	90	29	87	39.55	86	1024.451	484.558	1509.009	16.83985	10.0553	0	10.0553	0	0	67	66.68014	0	0	1	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.733	74.85835	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	0	0	0	0	1	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	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	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	0	0	0	0	0	1	0	0	0	0	0	0
																		12.92787	0	TotelcogG	TotelcogS											
																				12.92787	0											

Products		
Heat sold	TJ/y	674
Losses	TJ/y	209
Heat C1	TJ/y	106.3524
Heat C2	TJ/y	678.6949
Heat CT	TJ/y	95.96269
HeatDwell	TJ/y	578.0224
HeatPublic	TJ/y	22.916
H Industrie	TJ/y	0
H Services	TJ/y	22.242
El Tot C1	MWh/y	0
El Tot C2	MWh/y	190115.7
El Cogen	MWh/y	190115.7
El hef Cog	MWh/y	190115.7
El Tot	MWh/y	190115.7

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	8.261277
NOx C2	t/y	116.9033
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 vertf		
CO2 inc		OK
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 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		19.19371
biomass		0
waste H		0
others		0
TOTAL		19.19371
Fuel cons		
gsE3Mc/y		55380.7
Coal t/y		0
biom t/y		0
gas TJ/y		1970.971
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1970.971

O&Mcos	mil E	
Tpump&is		0.023664
D pump		0.29285
DESOX		0
Free		0
Ist Depr		0.45
Sal		5.900741
Cfix		6.03615
Others		0
TOTAL		12.70192
Electr inc	mil E	
C1		0
C2		12.92787
Total		12.92787
CO2 Inc	mil E	0

SalOPSEI	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 CAF2	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	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	0.00	0	0	150	67	0.0	0	0	20	0	0.00	0.00	22.00	0.00
																	550mg	250mg							450mg	200mg									

pg 6 col 1

653

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 t/y	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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02584	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	0	1	1	0	0	40559.83	40559.83
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044652	2.044652	0	0	0	0	0	0	67	0.134014	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.606	483.9998	1508.606	16.60986	10.05684	0	10.05684	0	0	67	86.6793	0	0	0	1	1	0	0	147894.7	147894.7
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	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	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
																	12.81491	0	TotelcogG	TotelcogS											188454.5	188454.5
																			12.81491	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	98.19743
Heat C2	TJ/y	671.644
Heat CT	TJ/y	88.21857
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	188454.5
El Cogen	MWh/y	188454.5
El hef Cog	MWh/y	188454.5
El Tot	MWh/y	188454.5

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.709721
NOx C2	t/y	115.9299
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		OK
SO2 C2		OK
NOx C1		OK
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		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802
Fuel cons		
gsE3Mc/y		54508.25
Coal t/y		0
biom t/y		0
gas TJ/y		1939.921
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1939.921

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.36
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.06348
Electr Inc	mil E	
C1		0
C2		12.81491
Total		12.81491
CO2 Inc	mil E	0

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 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	NOxCAFC 0 or 1(act)	NOx 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	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 t/y	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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02584	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	0	1	1	0	0	40559.83	40559.83
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044652	2.044652	0	0	0	0	0	0	67	0.134014	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.606	483.9998	1508.606	16.60986	10.05684	0	10.05684	0	0	67	86.6793	0	0	0	1	1	0	0	147894.7	147894.7
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	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	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
																	12.81491	0	TotelcogG	TotelcogS											188454.5	188454.5
																			12.81491	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	98.19743
Heat C2	TJ/y	671.644
Heat CT	TJ/y	88.21857
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	188454.5
El Cogen	MWh/y	188454.5
El hef Cog	MWh/y	188454.5
El Tot	MWh/y	188454.5

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.709721
NOx C2	t/y	115.9299
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		OK
SO2 C2		OK
NOx C1		OK
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		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802
Fuel cons		
gsE3Mc/y		54508.25
Coal t/y		0
biom t/y		0
gas TJ/y		1939.921
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1939.921

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.32
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		12.01066
Electr Inc	mil E	
C1		0
C2		12.81491
Total		12.81491
CO2 inc	mil E	0

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 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	NOxCAFC 0 or 1(act)	NOx 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	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 t/y	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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02584	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0

| | | |

pg. 8 col II

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Products		
Heat sold	TJ/y	647
Losses	TJ/y	206
Heat C1	TJ/y	96.13743
Heat C2	TJ/y	671.644
Heat CT	TJ/y	88.21857
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.968
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	188454.5
El Cogen	MWh/y	188454.5
El hef Cog	MWh/y	188454.5
El Tot	MWh/y	188454.5

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.709721
NOx C2	t/y	115.5299
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		OK
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

12.81491 0

Fuelcosts	mil E	
coal		0
gas		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802
Fuel cons		
gsE3Mc/y		54508.25
Coal t/y		0
biom t/y		0
gas TJ/y		1939.921
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1939.921

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.31
Sal		5.900741
Cfix		5.96415
Others		0
TOTAL		12.51187
Electr Inc	mil E	
C1		0
C2		12.81491
Total		12.81491
CO2 inc	mil E	0

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	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	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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02564	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	1	1	0	0	40559.83	40559.83
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	1	0	0	0	0	0	0	0
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	1	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044652	2.044652	0	0	0	0	0	0	67	0.134014	0	0	1	0	0	0	1	1	0	0	147894.7	147894.7
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.608	483.9996	1508.606	16.60988	10.05684	0	10.05684	0	0	67	86.6793	0	0	1	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
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
																		12.81491	0	TotelcogG	TotelcogS														
																				12.81491	0														

Products		
Heat sold	TJ/y	647
Losses	TJ/y	206
Heat C1	TJ/y	96.13743
Heat C2	TJ/y	671.644
Heat CT	TJ/y	88.21857
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.968
H Industrie	TJ/y	0
H Services	TJ/y	21.351
El Tot C1	MWh/y	0
El Tot C2	MWh/y	188454.5
El Cogen	MWh/y	188454.5
El hef Cog	MWh/y	188454.5
El Tot	MWh/y	188454.5

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.709721
NOx C2	t/y	115.5299
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		OK
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		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802
Fuel cons		
gsE3Mc/y		54508.25
Coal t/y		0
biom t/y		0
gas TJ/y		1939.921
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1939.921

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215
Others		0
TOTAL		11.90089
Electr Inc	mil E	
C1		0
C2		12.81491
Total		12.81491
CO2 inc	mil E	0

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	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	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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02564	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	1	1	0	0	40559.83	40559.83
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	1	0	0	0	0	0	0	0
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	1	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044652	2.044652	0	0	0	0	0	0	67	0.134014	0	0	1	0	0	0	1	1	0	0	147894.7	147894.7
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.608	483.9996	1508.606	16.60988	10.05684	0	10.05684	0	0	67	86.6793	0	0	1	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
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
																		12.81491	0	TotelcogG	TotelcogS														
																				12.81491	0														

Products		
Heat sold	TJ/y	647
Losses	TJ/y	206
Heat C1	TJ/y	96.13743
Heat C2	TJ/y	671.644
Heat CT	TJ/y	88.21857
HeatDwell	TJ/y	554.8672
HeatPublic	TJ/y	21.968

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.709721
NOx C2	t/y	115.5299
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		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.30
Sal		5.900741
Cfix		5.48215

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H Industrie TJ/y	0	SO2 C2 t/y	0.00	St boil 15 t/h	0	Fuel cons	54508.25	Others	0
H Services TJ/y	21.351	NOx C1 t/y	20	LOilTank	0	gsE3Mc/y	0	TOTAL	11.9908
El Tot C1 MWh/y	0	NOx C2 t/y	0.00	F	0	Coal t/y	0	Electr inc mil E	
El Tot C2 MWh/y	188454.5	Dust C2 t/y	22.00	GAS duct	0	biom t/y	0	C1	0
El Cogen MWh/y	188454.5	EM verif		Comb Cy	0	gas TJ/y	1939.921	C2	12.81491
El hef Cog MWh/y	188454.5	CO2 emit	OK	Water ep	0	coal TJ/y	0	Total	12.81491
El Tot MWh/y	188454.5	SO2 C2	OK	Col cen	0.00	biom TJ/y	0	CO2 inc mil E	0
		NOx C1	OK	Inch dep	0	Total TJ/y	1939.921		
		NOx C2	OK						
		Dust C2	OK	Waste Pl	0				

SalOPSEC	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	NOiCAFC2	NOi CAC2	NO act C2	NO re C2	NOxi CAF'	NOxi CAF2	NOxi CAF2	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	87	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
-0.2975	1	35589.5	12561	6908	0.382663	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02564	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	0	1	1	0	0	40559.83	40559.83
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044852	2.044852	0	0	0	0	0	0	67	0.134014	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.606	483.9998	1508.606	16.60986	10.05684	0	10.05684	0	0	67	86.6793	0	0	0	1	1	0	0	147894.7	147894.7
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	188454.5	188454.5
																			12.81491		0	TotelcogG	TotelcogS									
																						12.81491	0									

Products		Emmiss		Inv LCP	mil E	Inv NET	mil E	Fuelcosts	mil E	O&Mcos	mil E
Heat sold	TJ/y 647	CO2	t/y 0	C 1	mil E	Tr Pump	0.00	coal	0	Tpump&is	0.022141
Losses	TJ/y 209	SO2 C2	t/y 0	F		Tr NET	0.00	gas	17.87802	D pump	0.280989
Heat C1	TJ/y 96.15743	NOx C1	t/y 7.709721	LOilTank		PT	0.00	biomass	0	DESOX	0
Heat C2	TJ/y 871.844	NOx C2	t/y 115.9299	F		Dist NET	0.00	waste H	0	Free	0
Heat CT	TJ/y 88.21867	Dust C2	t/y 0	CAF 100		CT	0.00	others	0	Ist Depr	0.25
HeatDwell	TJ/y 554.8872	Emm lim		F		TOTAL	0.00	TOTAL	17.87802	Sal	6.900741
HeatPublic	TJ/y 21.998	CO2	t/y Relative	F				Fuel cons		Cfix	5.48215
H industrie	TJ/y 0	SO2 C2	t/y 0.00	C2	mil E			gsE3Mc/y	54508.25	Others	0
H Services	TJ/y 21.351	NOx C1	t/y 20	St boil 15 t/h				Coal t/y	0	TOTAL	11.93811
El Tot C1	MWh/y 0	NOx C2	t/y 0.00	LOilTank				biom t/y	0	Electr inc	mil E
El Tot C2	MWh/y 188454.5	Dust C2	t/y 22.00	F				gas TJ/y	1939.921	C1	0
El Cogen	MWh/y 188454.5	EM verif		GAS duct				coal TJ/y	0	C2	12.81491
El hef Cog	MWh/y 188454.5	CO2 emit	OK	Comb Cy				biom TJ/y	0	Total	12.81491
El Tot	MWh/y 188454.5	SO2 C2	OK	Water ep				Total TJ/y	1939.921	CO2 inc	mil E 0
		NOx C1	OK	Col cen	0.00						
		NOx C2	OK	Inch dep							
		Dust C2	OK	Waste Pl	0						

SalOPSEC	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Amortiz C'	AmortizC2	AmortizPT	AmortizCT	AmOPSE	SO2 lim	NOiCAFC2	NOi CAC2	NO act C2	NO re C2	NOxi CAF'	NOxi CAF2	NOxi CAF2	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
-0.2975	1	35589.5	12561	6908	0.382663	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02584	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	0	1	1	0	0	40559.83	40559.83
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044852	2.044852	0	0	0	0	0	0	67	0.134014	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.606	483.9998	1508.606	16.60986	10.05684	0	10.05684	0	0	67	86.6793	0	0	0	1	1	0	0	147894.7	147894.7
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	188454.5	188454.5
																			12.81491		0	TotelcogG	TotelcogS									
																						12.81491	0									

Products		Emmiss		Inv LCP	mil E	Inv NET	mil E	Fuelcosts	mil E	O&Mcos	mil E
Heat sold	TJ/y 647	CO2	t/y 0	C 1	mil E	Tr Pump	0.00	coal	0	Tpump&is	0.022141
Losses	TJ/y 209	SO2 C2	t/y 0	F		Tr NET	0.00	gas	17.87802	D pump	0.280989
Heat C1	TJ/y 96.15743	NOx C1	t/y 7.709721	LOilTank		PT	0.00	biomass	0	DESOX	0
Heat C2	TJ/y 871.844	NOx C2	t/y 115.9299	F		Dist NET	0.00	waste H	0	Free	0
Heat CT	TJ/y 88.21867	Dust C2	t/y 0	CAF 100		CT	0.00	others	0	Ist Depr	0.20
HeatDwell	TJ/y 554.8872	Emm lim		F		TOTAL	0.00	TOTAL	17.87802	Sal	5.900741
HeatPublic	TJ/y 21.998	CO2	t/y Relative	F				Fuel cons		Cfix	5.48215
H industrie	TJ/y 0	SO2 C2	t/y 0.00	C2	mil E			gsE3Mc/y	54508.25	Others	0
H Services	TJ/y 21.351	NOx C1	t/y 20	St boil 15 t/h				Coal t/y	0	TOTAL	11.68842
El Tot C1	MWh/y 0	NOx C2	t/y 0.00	LOilTank				biom t/y	0	Electr inc	mil E
El Tot C2	MWh/y 188454.5	Dust C2	t/y 22.00	F				gas TJ/y	1939.921	C1	0
El Cogen	MWh/y 188454.5	EM verif		GAS duct				coal TJ/y	0	C2	12.81491
El hef Cog	MWh/y 188454.5	CO2 emit	OK	Comb Cy				biom TJ/y	0	Total	12.81491
El Tot	MWh/y 188454.5	SO2 C2	OK	Water ep				Total TJ/y	1939.921	CO2 inc	mil E 0
		NOx C1	OK	Col cen	0.00						
		NOx C2	OK	Inch dep							

pag. 10 col II

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SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An	Dust C2	OK	Waste Pl	0
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					
0	5309.15	685	0	0	0	1.00	2027				

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 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	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
0.18	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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02564	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	0	1	1	0	0	40559.83	40559.83
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044652	2.044652	0	0	0	0	0	0	67	0.134014	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.606	483.9998	1508.606	16.60986	10.05684	0	10.05684	0	0	67	88.6793	0	0	0	1	1	0	0	147894.7	147894.7
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	188454.5	188454.5
																	12.81491	0	ToteicogG	TotelcogS												
																			12.81491	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	96.13743
Heat C2	TJ/y	671.844
Heat CT	TJ/y	88.21857
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	188454.5
El Cogen	MWh/y	188454.5
El hef Cog	MWh/y	188454.5
El Tot	MWh/y	188454.5

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.708721
NOx C2	t/y	115.9299
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		OK
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		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802
Fuel cons		
gsE3Mc/y		54508.25
Coal t/y		0
biom t/y		0
gas TJ/y		1939.921
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1939.921

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.18
Sal		5.900741
Cfix		5.99415
Others		0
TOTAL		12.38002
Electr Inc	mil E	
C1		0
C2		12.81491
Total		12.81491
CO2 Inc	mil E	0

SalOPSEE	Cfix C1	Cfix C2	Cfix PT	Cfix CT	CfixOPSE	Cor Pomp	An
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	
0.00	5309.15	173	0	0	0	1	2028

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 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	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
0.144054	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
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
-0.2975	1	35589.5	12561	6908	0.382683	93	52	90	29	87	39.55	86	0	0.395439	0.395439	0	0	0	0	0	0	67	0.02564	0	0	1	0	0	0	0	0	0
-1.9075	1	35589.5	12561	6908	2.453672	93	52	90	29	87	39.55	86	0	2.535461	2.535461	0	0	0	0	0	0	67	0.164396	0	0	1	0	0	0	0	0	0
-4.585	1	35589.5	12561	6908	5.897817	93	52	90	33	87	39.55	86	0	6.094411	6.094411	0	0	0	0	0	0	67	0.395154	0	0	1	0	0	0	0	0	0
-10.5525	1	35589.5	12561	6908	13.57398	93	52	90	33	87	39.55	86	0	14.02645	14.02645	0	0	0	0	0	0	67	0.909457	0	0	1	0	0	0	0	0	0
-72.114	1	35589.5	12561	6908	92.76231	93	52	90	29	87	39.55	86	0	95.85439	95.85439	0	0	0	0	0	0	67	6.215075	0	0	1	0	0	0	0	0	0
0	1	35589.5	12561	6908	420.3174	87.33912	52	90	29	87	39.55	86	281.1644	245.6513	526.8157	25.33757	2.758068	0	2.758068	0	0	67	28.16127	0	0	0	1	1	0	0	40559.83	40559.83
-18.4847	1	35589.5	12561	6908	14.25856	92	52	90	29	87	39.55	86	0	14.57541	14.57541	0	0	0	0	0	0	67	0.955323	0	0	0	1	0	0	0	0	0
-2.59305	1	35589.5	12561	6908	2.000203	92	52	90	29	87	39.55	86	0	2.044652	2.044652	0	0	0	0	0	0	67	0.134014	0	0	0	1	0	0	0	0	0
0	1	35589.5	12561	6908	1293.721	74.82453	52	90	29	87	39.55	86	1024.606	483.9998	1508.606	16.60986	10.05684	0	10.05684	0	0	67	88.6793	0	0	0	1	1	0	0	147894.7	147894.7
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	188454.5	188454.5
																	12.81491	0	ToteicogG	TotelcogS												
																			12.81491	0												

Products		
Heat sold	TJ/y	647
Losses	TJ/y	209
Heat C1	TJ/y	96.13743
Heat C2	TJ/y	671.844
Heat CT	TJ/y	88.21857
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	188454.5
El Cogen	MWh/y	188454.5
El hef Cog	MWh/y	188454.5
El Tot	MWh/y	188454.5

Emmiss		
CO2	t/y	0
SO2 C2	t/y	0
NOx C1	t/y	7.708721
NOx C2	t/y	115.9299
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		OK
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		17.87802
biomass		0
waste H		0
others		0
TOTAL		17.87802
Fuel cons		
gsE3Mc/y		54508.25
Coal t/y		0
biom t/y		0
gas TJ/y		1939.921
coal TJ/y		0
biom TJ/y		0
Total TJ/y		1939.921

O&Mcos	mil E	
Tpump&is		0.022141
D pump		0.280989
DESOX		0
Free		0
Ist Depr		0.14
Sal		5.900741
Cfix		5.46215
Others		0
TOTAL		11.83008
Electr Inc	mil E	
C1		0
C2		12.81491
Total		12.81491
CO2 Inc	mil E	0

pg 1 col III

65p

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	PI S 7 C2	PI D 7 C2	PI N C2	PI S C2	PI D C2	Inv oil T1	Inv CF100	Adap.con	InvNCAL	InCAB15	Inv oil T2	Inv Gduct	NA	Inch. Dep	Inv Wtr 2	Inv CB Cy	Adap.con	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	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	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	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	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	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	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	1.78	0.00	0.00	0	1	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	0	0.00
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	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
onelor valorilor si timpilor		Nume																																
	CAF GAS L1			intra trap N	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			zona colt	1	100.00	90.00	44.00	126.00	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	90.00	1.00
	CAF GAS L3			depenta	1	90.00	80.00	126.00	263.00	10	0	129	263	90.00	80.00	100.00	180	10	0	100	180	90.00	80.00	71.00	151	10	0	71	151	90.00	80.00	42.00
	CAF GAS L 4			4=trap col	1	80.00	70	263.00	528.00	10	0	263	528	80.00	70	180.00	462.00	10	0	180	462	80.00	70	151.00	394.00	10	0	151	394	80.00	70	123.00
	CAF GAS L 5				1	70.00	60.00	528.00	1580.00	10	0	528	1580	70.00	60.00	462.00	1120.00	10	0	462	1120	70.00	60.00	394.00	638.00	10	0	394	638	70.00	60.00	253.00
	CAF GAS L 6			daca 3	1	60.00	50.00	1580.00	2991.00	10	0	1580	2991	60.00	50.00	1120.00	2521.00	10	0	1120	2521	60.00	50.00	638.00	2040.00	10	0	638	2040	60.00	50.00	523.00
	CAF GAS L 7			atunci	1	50.00	33.00	2991.00	3702.00	17	0	2991	3702	50.00	33.00	2521.00	3628.00	17	0	2521	3628	50.00	33.00	2040.00	3541.00	17	0	2040	3541	50.00	33.00	1557.00
	Turbina Gaz Chimiei			rol 2	1	33.00	24.00	3702.00	4039.00	19	10	3702	4039	33.00	24.00	3628.00	3977.00	19	10	3628	3977	33.00	24.00	3541.00	3904.00	19	10	3541	3904	33.00	24.00	3438.00
	Babcock				4	24.00	17.00	4039.00	4471.00	10	3	0	432	24.00	17.00	3977.00	4409.00	10	3	0	432	24.00	17.00	3904.00	4342.00	10	3	0	438	24.00	17.00	3819.00
	Babcock				2	17.00	14.00	4471.00	5102.00	3	0	0	631	17.00	14.00	4409.00	5003.00	3	0	0	594	17.00	14.00	4342.00	4902.00	3	0	0	560	17.00	14.00	4267.00
	Ciclu mot Chimiei				3	14.00	8.00	1.00	0.00	0	8	1	1	14.00	8.00	1.00	1.00	0	8	1	1	14.00	7.66	4902.00	8760.00	14	7.66	4902	8760	14.00	7.50	4677.00
	Ciclu mot Chimiei				1	0.00	0.00	0.00	5.00	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	14.00	8.00	5102.00	8760.00	14	8	6001	8760	14.00	7.83	5003.00	8760.00	14	7.83	6001	8760	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00
					-2	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	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	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. !
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 pasto 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	126.00	100.00	71.00	42
80.00	263.00	180.00	151.00	123
70.00	528.00	462.00	394.00	253
60.00	1580	1120	638	523
50.00	2991	2521	2040	1557
33.00	3702	3628	3541	3438
24.00	4039	3977	3904	3819
17.00	4471	4409	4342	4267
14.00	5102	5003	4902	4677
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	3.25	0.00	0.00	6.02	0.00	1	2009.00

210 0.497

pg 2 col 4
659

210	0.497
210	0.497

0	0
230	0.497
52.07439	0.2
1.702432	0.265
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	0.265
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	0.265

pg 3 col 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
290	0.497
45.06581	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

pg 4 col 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	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

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	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	[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	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	[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	2018.00

pg. 6 col III

663

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

pg. 7 of

664

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	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	[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	2022.00

pg. 8 col 11

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	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	[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	2024.00

pg 9 col 5

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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	[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	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	[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	2026.00

pg. to col 11

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2026

pg 1 col 7

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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	3.26	0.000	0.00	0.42	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	5.88	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	3.98	0.000	0.00	0.00	0.00	1	2012.00	85.76	0	3.30	3.40	93.30
0.00	0.00	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	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	263.00	180.00	151.00	123.00	95	67	57	43	35	25	16
70.00	528.00	462.00	384.00	253.00	178	149	140	120	112	102	93
60	1590	1120	838	523	456	389	338	265	219	178	169
50	2991	2521	2040	1557	1075	599	562	499	478	455	434
33	3702	3626	3541	3438	3285	2982	2813	2453	2302	2140	1990
24	4039	3977	3904	3819	3716	3590	3534	3223	3166	3101	3024
17	4471	4409	4342	4267	4182	4081	4020	3673	3614	3551	3506
14	5102	5003	4902	4677	4554	4442	4358	3972	3902	3831	3799
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
123	10	0	42	123	90.00	80.00	13.00	95	10	0	13	95	90.00	80.00	1	67	10	0	1	67	90.00	80.00	1	57	10	0	1	57	90.00	80.00	1	43	10	0
253.00	10	0	123	253	80.00	70	95.00	178.00	10	0	95	178	80.00	70	67	149	10	0	67	149	80.00	70	67	140	10	0	67	140	80.00	70	43	120	10	0
523.00	10	0	253	523	70.00	60.00	178.00	456.00	10	0	178	456	70.00	60.00	149.00	389	10	0	149	389	70.00	60.00	140.00	338	10	0	140	338	70.00	60.00	120.00	265	10	0
1557.00	10	0	523	1557	60.00	50.00	456.00	1075.00	10	0	456	1075	60.00	50.00	389	599	10	0	389	599	60.00	50.00	338	562	10	0	338	562	60.00	50.00	265	499	10	0
3438.00	17	0	1557	3438	50.00	33.00	1075.00	3285.00	17	0	1075	3285	50.00	33.00	599	2982	17	0	599	2982	50.00	33.00	562	2813	17	0	562	2813	50.00	33.00	499	2453	17	0
3819.00	19	10	3438	3819	33.00	24.00	3285.00	3716.00	19	10	3285	3716	33.00	24.00	2982	3590	19	10	2982	3590	33.00	24.00	2813	3534	19	10	2813	3534	33.00	24.00	2453	3223	19	10
4267.00	10	3	0	448	24.00	17.00	3716.00	4182.00	10	3	0	466	24.00	17.00	3590	4081	10	3	0	491	24.00	17.00	3534	4020	10	3	0	486	24.00	17.00	3223	3673	10	3
4677.00	3	0	0	410	17.00	14.00	4182.00	4554.00	3	0	0	372	17.00	14.00	4081	4442	3	0	0	361	17.00	14.00	4020	4358	3	0	0	338	17.00	14.00	3673	3972	3	0
8760.00	14	7.5	4677	8760	14.00	7.33	4554.00	8760.00	14	7.33	4554	8760	14.00	7.15	4442	8760	14	7.15	4442	8760	14.00	7	4358	8760	14	7	4358	8760	14.00	6.83	3972	8760	14	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
1	1	1	1
13	1	1	1
95	87	57	43
178	149	140	120
456	389	338	265
1075	599	562	499
3285	2982	2813	2453
3716	3590	3534	3223
4182	4081	4020	3673
4554	4442	4358	3972
8760	8760	8760	8760
0	0	0	0

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

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

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

pg 3 cont

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

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

pj. 4 col IV

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

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

pg 5 col IV

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

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

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

pg. 6 cont'd

6+3

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

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

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

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

pg. 8 col 1

625

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

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

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

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

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

Dwellings %	Industrie %	Services %	Publics %	Rand CT %
85.76	0	3.3	3.4	93.3

pg 1 col 1

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
16	16	16	16	16	16	16	16	16	16
93	93	93	93	93	93	93	93	93	93
169	169	169	169	169	169	169	169	169	169
434	434	434	434	434	434	434	434	434	434
1990	1990	1990	1990	1990	1990	1990	1990	1990	1990
3024	3024	3024	3024	3024	3024	3024	3024	3024	3024
3506	3506	3506	3506	3506	3506	3506	3506	3506	3506
3799	3799	3799	3799	3799	3799	3799	3799	3799	3799
8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
0	0	0	0	0	0	0	0	0	0

2008						2014	2015													
271.00	186.00	156.00	127.00	98	69	58	46	39	28	16	18	18	18	18	18	18	18	18	18	18
544.00	476.00	406.00	261.00	183	154	144	133	124	113	103	103	103	103	103	103	103	103	103	103	103
1639	1155	658	539	470	401	348	294	243	198	188	188	188	188	188	188	188	188	188	188	188
3084	2599	2103	1605	1108	618	579	554	531	506	482	482	482	482	482	482	482	482	482	482	482
3816	3740	3851	3544	3387	3074	2900	2725	2558	2378	2211	2211	2211	2211	2211	2211	2211	2211	2211	2211	2211
4164	4100	4025	3937	3831	3701	3643	3581	3518	3446	3360	3360	3360	3360	3360	3360	3360	3360	3360	3360	3360
4609	4545	4476	4399	4311	4207	4144	4081	4016	3946	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895	3895
5260	5158	5054	4822	4895	4579	4493	4413	4338	4257	4221	4221	4221	4221	4221	4221	4221	4221	4221	4221	4221

		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
3	43	90.00	80.00	1	35	10	0	1	35	90.00	80.00	1	25	10	0	1	25	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00
43	120	80.00	70	35	112	10	0	35	112	80.00	70	25	102	10	0	25	102	80.00	70	16	93	10	0	16	93	80.00	70	16	93	10	0	16	93	80.00
120	285	70.00	60.00	112.00	219	10	0	112	219	70.00	60.00	102.00	178	10	0	102	178	70.00	60.00	93.00	169	10	0	93	169	70.00	60.00	93.00	169	10	0	93	169	70.00
285	499	60.00	50.00	219	478	10	0	219	478	60.00	50.00	178	455	10	0	178	455	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00
499	2453	50.00	33.00	478	2302	17	0	478	2302	50.00	33.00	455	2140	17	0	455	2140	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00
2453	3223	33.00	24.00	2302	3166	19	10	2302	3166	33.00	24.00	2140	3101	19	10	2140	3101	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00
0	460	24.00	17.00	3166	3614	10	3	0	448	24.00	17.00	3101	3551	10	3	0	450	24.00	17.00	3024	3506	10	3	0	482	24.00	17.00	3024	3506	10	3	0	482	24.00
0	299	17.00	14.00	3614	3902	3	0	0	299	17.00	14.00	3551	3831	3	0	0	280	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00
3972	8760	14.00	6.66	3902	8760	14	6.66	3902	8760	14.00	6.5	3831	8760	14	6.5	3831	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00
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	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	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	25	16	16
35	102	93	93
112	178	169	169
219	455	434	434
478	2140	1990	1990
2302	3101	3024	3024
3166	3551	3506	3506
3614	3831	3799	3799
3902	8760	8760	8760
8760	0	0	0
0			

pg 1 col VI

Q9

2008						2014	2015															
263	180	151	123	95	67	57	43	35	25	16	16	16	16	16	16	16	16	16	16	16	16	16
528	462	384	253	178	149	140	120	112	102	93	93	93	93	93	93	93	93	93	93	93	93	93
1590	1120	638	523	456	389	338	265	219	178	169	169	169	169	169	169	169	169	169	169	169	169	169
2991	2521	2040	1557	1075	596	562	498	478	455	434	434	434	434	434	434	434	434	434	434	434	434	434
3702	3628	3541	3438	3285	2982	2813	2453	2302	2140	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990
4039	3977	3904	3819	3716	3590	3534	3223	3166	3101	3024	3024	3024	3024	3024	3024	3024	3024	3024	3024	3024	3024	3024
4471	4409	4342	4267	4182	4081	4020	3673	3614	3551	3506	3506	3506	3506	3506	3506	3506	3506	3506	3506	3506	3506	3506
5102	5003	4902	4877	4554	4442	4358	3972	3902	3831	3799	3799	3799	3799	3799	3799	3799	3799	3799	3799	3799	3799	3799

							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	16	10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16
70	16	93	10	0	16	93	80.00	70	16	93	10	0	16	93	80.00	70	16	93	10	0	16	93	80.00	70	16	93	10	0	16	93	80.00	70	16	93
60.00	93.00	169	10	0	93	169	70.00	60.00	93.00	169	10	0	93	169	70.00	60.00	93.00	169	10	0	93	169	70.00	60.00	93.00	169	10	0	93	169	70.00	60.00	93.00	169
50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434
33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990
24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024
17.00	3024	3506	10	0	0	482	24.00	17.00	3024	3506	10	0	0	482	24.00	17.00	3024	3506	10	0	0	482	24.00	17.00	3024	3506	10	0	0	482	24.00	17.00	3024	3506
14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799
6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	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	
	16								16								16								16								16	
	93								93								93								93								93	
	169								169								169								169								169	
	434								434								434								434								434	
	1990								1990								1990								1990								1990	
	3024								3024								3024								3024								3024	
	3506								3506								3506								3506								3506	
	3799								3799								3799								3799								3799	
	8760								8760								8760								8760								8760	
	0								0								0								0								0	

pg 1 col VII

				2025								2026								2027								2028							
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	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
10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16	10	0	1	16	90.00	80.00	1	16	10	0	1
10	0	16	93	80.00	70	16	93	10	0	16	93	80.00	70	16	93	10	0	16	93	80.00	70	16	93	10	0	16	93	80.00	70	16	93	10	0	16
10	0	93	169	70.00	60.00	95.00	169	10	0	93	169	70.00	60.00	95.00	169	10	0	93	169	70.00	60.00	95.00	169	10	0	93	169	70.00	60.00	95.00	169	10	0	93
10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169	434	60.00	50.00	169	434	10	0	169
17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434	1990	50.00	33.00	434	1990	17	0	434
19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990	3024	33.00	24.00	1990	3024	19	10	1990
10	3	0	482	24.00	17.00	3024	3506	10	3	0	482	24.00	17.00	3024	3506	10	3	0	482	24.00	17.00	3024	3506	10	3	0	482	24.00	17.00	3024	3506	10	3	0
3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0	293	17.00	14.00	3506	3799	3	0	0
14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799	8760	14.00	6.5	3799	8760	14	6.5	3799
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	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
						16								16								16								16
						93								93								93								93
						169								169								169								169
						434								434								434								434
						1990								1990								1990								1990
						3024								3024								3024								3024
						3506								3506								3506								3506
						3799								3799								3799								3799
						8760								8760								8760								8760
						0								0								0								0

pg 1 col VIII

80

Emin
1
1
18
99
169
434
1990
3024
482
293
8760
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0
0
0

III Results

PS. 1

	YEARS		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
2008	**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	365	313	261	209	209	209	209	208	209	209	209	209	209	209	209	209	209	209	209
412.0733	Heat C2	TJ/y	276.8453	8.586563	220.9619	206.286	152.2264	135.1158	142.7125	125.9822	108.3524	96.13743	96.13743	96.13743	96.13743	96.13743	96.13743	96.13743	96.13743	96.13743	96.13743	96.13743
798.2306	Heat C1	TJ/y	871.1284	1075.83	799.4972	748.4158	741.4316	751.8897	697.8401	688.4313	678.8948	671.644	671.644	671.644	671.644	671.644	671.644	671.644	671.644	671.644	671.644	671.644
181.6961	Heat CT	TJ/y	168.0263	149.7836	133.5409	117.2983	101.342	99.99469	98.84736	97.58647	95.95269	88.21857	88.21857	88.21857	88.21857	88.21857	88.21857	88.21857	88.21857	88.21857	88.21857	88.21857
791.5648	HeatDwell	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
61277.41	El Tot C1	MWh/y	116421.3	107811.1	107074.7	105884.7	199477.5	197942.3	193054.3	191654.3	190115.7	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5
61277.41	El Cogen	MWh/y	74323.41	63810.17	63273.78	59697.19	199477.5	197942.3	193054.3	191654.3	190115.7	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5
61277.41	El hef Cog	MWh/y	40812.83	31572.15	31035.75	29455.9	199477.5	197942.3	193054.3	191654.3	190115.7	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5
61277.41	El Tot	MWh/y	116421.3	107811.1	107074.7	105884.7	199477.5	197942.3	193054.3	191654.3	190115.7	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5	188454.5
	Emmiss																					
90754.22	CO2	t/y	211863.9	2.84E+08	202075.3	197399.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	18.11166	17.35702	11.91147	11.11634	9.614	8.954305	8.261277	7.709721	7.709721	7.709721	7.709721	7.709721	7.709721	7.709721	7.709721	7.709721	7.709721	7.709721
3	NOx C1	t/y	503.0171	495.5121	494.8743	484.0899	123.3285	122.3393	118.8255	117.9052	116.9033	115.9299	115.9299	115.9299	115.9299	115.9299	115.9299	115.9299	115.9299	115.9299	115.9299	115.9299
60	Dust	t/y	252.2257	252.2257	252.2257	246.7564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**Emm lim**																					
235000	CO2	t/y	235000	235000	235000	235000	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	CO2 lim		OK	WRONG	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
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	17.61	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	5.63	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	5.63	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
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	10.77	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 Pl		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	1.354	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	5.475696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.44496	gas		11.9016	8.845683	12.38287	11.88608	19.73014	19.44833	18.71001	18.46356	18.19371	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802
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
12.44496	TOTAL		17.49914	14.44323	17.98021	17.36178	19.73014	19.44833	18.71001	18.46356	18.19371	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802	17.87802
0	**Fuel cons**																					
50524.59	gsE3Mcfy		41807.51	29278.16	35869.05	34515.52	59768.39	58979.49	56835.27	56140.73	55380.7	54508.25	54508.25	54508.25	54508.25	54508.25	54508.25	54508.25	54508.25	54508.25	54508.25	54508.25
0	Coal t/y		193152	193152	193152	186947.5	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
1798.145	gas TJ/y		1480.791	1041.985	1276.562	1228.39	2127.127	2099.05	2022.739	1998.02	1970.971	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921
0	coal TJ/y		1334.294	1334.294	1334.294	1305.248	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
1798.145	Total TJ/y		2815.085	2376.289	2610.856	2533.639	2127.127	2099.05	2022.739	1998.02	1970.971	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921	1939.921
	O&Mcos	mil E																				
0.744153	Tpump&is		0.745316	0.693572	0.077747	0.072886	0.035444	0.032713	0.027934	0.025752	0.023584	0.022141	0.022141	0.022141	0.022141	0.022141	0.022141	0.022141	0.022141	0.022141	0.022141	0.022141
0.379609	D pump		0.366291	0.36174	0.359591	0.353688	0.339305	0.327674	0.31605	0.304873	0.29283	0.280989	0.280989	0.280989	0.280989	0.280989	0.280989	0.280989	0.280989	0.280989	0.280989	0.280989
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
0.966079	Ist Depr		0.942142	0.887883	0.784508	0.658839	0.850044	0.840624	0.508251	0.498541	0.448617	0.377457	0.324862	0.316803	0.316243	0.313651	0.30487	0.304777	0.253091	0.202403	0.182	0.144054
5.125	Sal		5.125	5.304375	5.474115	5.62739	5.768075	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	7.63015	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
14.33499	TOTAL		14.2969	14.36572	13.81411	14.34096	14.08402	12.4259	12.27513	12.25406	12.70192	12.06348	12.01068	12.00262	12.00226	12.51167	11.99089	11.9908	11.93911	11.88842	12.38002	11.83008
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
3.370258	C1		2.459705	2.02325	2.121056	2.098999	13.56447	13.46007	13.12769	13.03249	12.92787	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491

Fig. 2. 683

3.370258	Total		2.459705	2.02325	2.121056	2.098999	13.56447	13.46007	13.12769	13.03249	12.92787	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491	12.81491
3.606145	CO2 inc	mil E	0.583401	-7091.41	0.856042	1.015205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CO2 inc real	mil E	0	-7091.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CO2 inf	t/y	211863.9	2.84E+06	202075.3	197399.8	114247.5	112740.1	108502.6	107167.9	105736.1	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8	104447.8

0	0	0	0	0	0	0	0	Inv LCP	mil E	Inv NET	mil E	0	0	12.81491	0	0	0	0	0	0	0	0	0	0
Products	0	0	0	Emmes	0	0	0	C1	mil E	Tr Pump	0	0	0	0	0	0	0	0	O&Mcos	mil E				0
Heat sold	TJ/y		0	CO2	t/y		0	F		Tr NET	0	0	0	Fuelcosts	mil E		0	0	Tpump&a			0		
Losses	TJ/y		0	SO2 C2	t/y		0	LOSTank		PT	0	0	0	coal		0		0	D pump			0		
Heat C1	TJ/y		0	NOx C1	t/y		0	F		Dist NET	0	0	0	gas		0		0	DEEQK			0		
Heat C2	TJ/y		0	NOx C2	t/y		0	CAP 100		CT	0	0	0	biomass		0		0	Free			0		
Heat CT	TJ/y		0	Dust C2	t/y		0	F		TOTAL	mil E	0	0	waste H		0		0	Ist Depr			0		
HeatDyell	TJ/y		0	Emm lim		0	0	F		0	0	0	0	others		0		0	Sal			0		
HeatPublic	TJ/y		0	CO2	t/y		0	C2	mil E	0	0	0	0	TOTAL		0		0	Obs			0		
H industrie	TJ/y		0	SO2 C2	t/y		0	Stbolt 15.1		0	0	0	0	Fuel cons.		0		0	Others			0		
H Services	TJ/y		0	NOx C1	t/y		0	LOSTank		0	0	0	0	gaE3Mcf/y		0		0	TOTAL			0		
El Tot C1	MW/h/y		0	NOx C2	t/y		0	F		0	0	0	0	Coal t/y		0		0	Elect Inc	mil E				
El Tot C2	MW/h/y		0	Dust C2	t/y		0	GAS duct		0	0	0	0	biom t/y		0		0	C1			0		
El Cogen	MW/h/y		0	EM verif		0	0	Comb CY		0	0	0	0	gas TJ/y		0		0	C2			0		
El ref Cog	MW/h/y		0	CO2 limit		0	0	Water eq		0	0	0	0	coal TJ/y		0		0	Total			0		
El Tot	MW/h/y		0	SO2 C2		0	0	Col ces		0	0	0	0	biom TJ/y		0		0	CO2 inc	mil E				
0	0	0	0	NOx C1		0	0	Inch dep		0	0	0	0	Total TJ/y		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	0	0	Dust C2		0	0	Waste Pt		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

III tech & exp. base
pg 1

Tip sursa		randczgaz %	randczbio %	randczcrb %	Qi gaz kcal/kg	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 y/Gcal	csp lign y/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 eff Mw/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	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
CAF GAS	L 2	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
CAF GAS	L3	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
CAF GAS	L 4	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	33	87	39.55	86				
CAF GAS	L 5	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	33	87	39.55	86				
CAF GAS	L 6	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
CF GAS	L7	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
Turbina Gaz Chimiei		100	100	100	8500	3000	1850	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	1		0.137931	0.160421	52	90	29	87	39.55	86				
Babcock		92	100	100	8500	3000	1850	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9		0	0	52	90	29	87	39.55	86				
Babcock		92	100	100	8500	3000	1850	35589.5	12561	6908	2.125	250	0.708333	1.287879	0.503991	0	0.42704	5.9		0.966	1.111881	52	90	29	87	39.55	86				
Ciclu mixt Chimiei		100	100	100	8500	3000	1850	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.238984	0	0.90748	1		0	0	52	90	29	87	39.55	86				
Ciclu mixt Chimiei		100	100	100	8500	3000	1850	35589.5	12561	6908	1	127.8772	0	0	0.257592	0	0.6007	1		0		52	90	29	87	39.55	86				
Babcock		92	100	100	8500	3000	1850	35589.5	12561	6908	1.875	220.5882	0.625	1.136364	0.444346	0	0.42704	5.9		0		52	90	29	87	39.55	86				
		80	100	100	8500	3000	1850	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.238984	0	0.42704	0		0		52	90	29	87	39.55	86				
		100	100	100	8500	3000	1850	35589.5	12561	6908								0		0		52	90	29	87	39.55	86				

Ani speciali

CAF GAS	L1	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
CAF GAS	L 2	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
CAF GAS	L3	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
Caz 420		90	100	83	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12		0	0	52	90	33	87	39.55	86				
Caz 420		90	100	83	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12		0	0	52	90	33	87	39.55	86				
CAF GAS	L 5	90	100	100	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.606061	0.263316	0	0.42704	10.12		0	0	52	90	29	87	39.55	86				
Caz 420		90	100	83	8500	3000	1850	35589.5	12561	6908	1	130.719	0.333333	0.730194	0.263316	0	0.514506	10.12		0	0	52	90	29	87	39.55	86				
Turbina Gaz Chimiei		100	100	100	8500	3000	1850	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	1		0.137931	0.160421	52	90	29	87	39.55	86				
Babcock		92	100	100	8500	3000	1850	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.42704	5.9		0	0	52	90	29	87	39.55	86				
Babcock		92	100	100	8500	3000	1850	35589.5	12561	6908	2.125	250	0.708333	1.287879	0.503991	0	0.42704	5.9		0.966	1.111881	52	90	29	87	39.55	86				
Ciclu mixt Chimiei		100	100	100	8500	3000	1850	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.238984	0	0.90748	1		0	0	52	90	29	87	39.55	86				
Ciclu mixt Chimiei		100	100	100	8500	3000	1850	35589.5	12561	6908	1	127.8772	0.333333	0.606061	0.257592	0	0.6007	1		0		52	90	29	87	39.55	86				
Babcock		92	100	100	8500	3000	1850	35589.5	12561	6908	1.875	220.5882	0.625	1.136364	0.444346	0	0.42704	5.9		0		52	90	29	87	39.55	86				
		80	100	100	8500	3000	1850	35589.5	12561	6908	1	117.6471	0.333333	0.606061	0.238984	0	0.42704	0		0		52	90	29	87	39.55	86				
		100	100	100	8500	3000	1850	35589.5	12561	6908								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	1.428386	1.15053	0.52167								
Eta el rel= m x MW ter rel + b		0.576083	0.478966	3.0446	-0.99426								

Param ciclu mbd		Gcal nom	14	MWel nom	13.77	Nmcgaz nom/Gcal	297	Mwcombnom	41.09	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	1.173783								

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	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
7118.15	0	0	0	0	2008.00	1818.00	0.00	0.00	0.00	0.00	42.00	0			
7118.15	0	0	0	0	2009.00	1818.00	0.00	0.00	0.00	0.00	42.00	0.00			
7118.15	0	0	0	0	2010.00	1818.00	0.00	0.00	0.00	0.00	42.00	0.00			
7118.15	0	0	0	0	2011.00	1818.00	0.00	0.00	0.00	0.00	42.00	0.00			
7118.15	512	0	0	0	2012.00	1818.00	0.00	0.00	0.00	0.00	42.00	512.00			
7118.15	173	0	0	0	2013.00	1818.00	0.00	0.00	0.00	0.00	42.00	173			
5351.15	173	0	0	0	2014.00	1363.00	0.00	0.00	0.00	0.00	42.00	173			
5351.15	173	0	0	0	2015.00	1363.00	0.00	0.00	0.00	0.00	42.00	173			
5351.15	173	0	0	0	2016.00	1363.00	0.00	0.00	0.00	0.00	42.00	173			
5351.15	685	0	0	0	2017.00	1363.00	0.00	0.00	0.00	0.00	42.00	685			
5309.15	173	0	0	0	2018.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	173	0	0	0	2019.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	173	0	0	0	2020.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	173	0	0	0	2021.00	1363.00	0.00	0.00	0.00	0.00		685			
5309.15	685	0	0	0	2022.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	173	0	0	0	2023.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	173	0	0	0	2024.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	173	0	0	0	2025.00	1363.00	0.00	0.00	0.00	0.00		685			
5309.15	173	0	0	0	2026.00	1363.00	0.00	0.00	0.00	0.00		173			
5309.15	685	0	0	0	2027.00	1363.00	0.00	0.00	0.00	0.00					
5309.15	173	0	0	0	2028.00	1363.00	0.00	0.00	0.00	0.00					

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	Alte 1OPSE Th(e3) E/y	Alte (inventarierii deprin) 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	Alte2OPSE Th(e3) E/y
5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
5245.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
3933.00	0.00	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00
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	656.8392	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	448.6166	0	0	0	0
2018.00	377.4574	0	0	0	0
2019.00	324.8621	0	0	0	0
2020.00	316.8034	0	0	0	0
2021.00	316.2426	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

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

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

Anexa 5A
III Sheet 1

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Qsold Tcal/an	losses Tcal/an	An	Qtot CET Tcal/an	Q CT Tcal/an	Qsold TJ/an	losses TJ/an	An	Qtot CET TJ/an	Q CT TJ/an				
220.4442	112.0134	2008	289.0623	43.39528	923.00	469.00	2008.00	1252.80	139.20	220.44	112.01	299.21	33.25
214.2345	99.59398	2009	274.1757	39.6528	897.00	417.00	2009.00	1182.60	131.40	214.23	99.59	282.45	31.38
207.5472	87.17459	2010	258.9483	35.77349	869.00	365.00	2010.00	1110.60	123.40	207.55	87.17	265.25	29.47
200.8598	74.75519	2011	243.7208	31.89418	841.00	313.00	2011.00	1038.60	115.40	200.86	74.76	248.05	27.56
194.1724	62.3358	2012	228.4934	28.01487	813.00	261.00	2012.00	966.60	107.40	194.17	62.34	230.86	25.65
187.7239	49.91641	2013	213.4363	24.20397	786.00	209.00	2013.00	895.50	99.50	187.72	49.92	213.88	23.76
181.0365	49.91641	2014	207.0708	23.88218	758.00	209.00	2014.00	870.30	96.70	181.04	49.92	207.86	23.10
174.3492	49.91641	2015	200.7052	23.56039	730.00	209.00	2015.00	845.10	93.90	174.35	49.92	201.84	22.43
167.9006	49.91641	2016	194.51	23.30701	703.00	209.00	2016.00	820.80	91.20	167.90	49.92	196.04	21.78
160.9744	49.91641	2017	187.974	22.91681	674.00	209.00	2017.00	794.70	88.30	160.97	49.92	189.80	21.09
154.5259	49.91641	2018	183.3727	21.06964	647.00	209.00	2018.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2019	183.3727	21.06964	647.00	209.00	2019.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2020	183.3727	21.06964	647.00	209.00	2020.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2021	183.3727	21.06964	647.00	209.00	2021.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2022	183.3727	21.06964	647.00	209.00	2022.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2023	183.3727	21.06964	647.00	209.00	2023.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2024	183.3727	21.06964	647.00	209.00	2024.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2025	183.3727	21.06964	647.00	209.00	2025.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2026	183.3727	21.06964	647.00	209.00	2026.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2027	183.3727	21.06964	647.00	209.00	2027.00	770.40	85.60	154.53	49.92	184.00	20.44
154.5259	49.91641	2028	183.3727	21.06964	647.00	209.00	2028.00	770.40	85.60	154.53	49.92	184.00	20.44

Calc pg 1 col 7

An/ 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	33	24	17	14	0
16.8	8	2008	10	44	129	263	526	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	4877	8760
14.8	7.333333	2012	1	1	13	95	178	456	1075	3285	3718	4182	4554	8760
14.3	7.166667	2013	1	1	1	67	149	389	599	2982	3590	4081	4442	8760
13.8	7	2014	1	1	1	57	140	338	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

2008
Valori curente Max-Min Gcal/h

Vmax	Vmin
22	17

Val8000
12.3
Val 8760
6.5

Qsold Tcal/an	losses Tcal/an	An	Qtot CET Tcal/an	Q CT Tcal/an
0	0			
0	220.4442	2008	289.0623	32.11804
0	214.2345	2009	274.1757	30.46397
0	207.5472	2010	258.9483	28.77203
0	200.8598	2011	243.7206	27.08009
0	194.1724	2012	228.4934	25.38815
0	187.7239	2013	213.4369	23.71515
0	181.0365	2014	207.0788	23.00766
0	174.3492	2015	200.7052	22.30058
0	167.9006	2016	194.51	21.61223
0	160.9744	2017	187.974	20.886
0	154.5259	2018	183.3727	20.37474
0	154.5259	2019	183.3727	20.37474
0	154.5259	2020	183.3727	20.37474
0	154.5259	2021	183.3727	20.37474
0	154.5259	2022	183.3727	20.37474
0	154.5259	2023	183.3727	20.37474
0	154.5259	2024	183.3727	20.37474
0	154.5259	2025	183.3727	20.37474
0	154.5259	2026	183.3727	20.37474
0	154.5259	2027	183.3727	20.37474
0	154.5259	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	76.86	77.34
476	186	101.6367278	2009	329.92	0.8	263.936	28.98	77.34	86.78
406	156	98.19668958	2010	382.91	0.8	290.328	28.98	80.34	89.78
281	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

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
111.45	55	0	25	0	0.00	0	0	29.77	29.77	14.49	14.49	4031	0.00	1094	0

ref bio TJ/an	Qv C Tcal	Qv TotTcal	QvCTTcal
0	121.89	135.4316	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	489	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

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	
Ciclu mixt Chimiei	
Ciclu mixt Chimiei	
Babcock	

S est M Gcal/h	S est m Gcal/h	T M h	T m h	S md ech Gcal/h	Intermit %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	cap gaz kmol/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cap gz t/Gcal	CO2cap bio t/Gcal	CO2cap 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 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	44	2.454545	0	2.454545	44	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	14.11765	0	0	10.12	0.000000	0.000000	1.09296	0.000000	0	28.4381	0.000000	0.000000	0.000000	0.452196	0
10	0	44	129	6.705426	0	6.705426	129	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	113.0719	0	0	10,12	0.000000	0.000000	8.7538	0.000000	0	227.7681	0.000000	0.000000	0.000000	3.621755	0
10	0	129	271	7.380074	0	7.380074	271	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	281.4379	0	0	10.12	0.000000	0.000000	20.24	0.000000	0	526.6316	0.000000	0.000000	0.000000	8.374	0
10	0	271	544	7.490809	0	7.490809	544	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	532.6797	0	0	10.12	0.000000	0.000000	41.239	0.000000	0	1073.012	0.000000	0.000000	0.000000	17.06208	0
10	0	544	1639	8.659549	0	8.659549	1639	100	0	0	130.719	0.333333	0.000000	0.263316	0.000000	0.000000	1426.797	0	0	10.12	0.000000	0.000000	110.4588	0.000000	0	2874.092	24690.35	16635.81	0.000000	45.70111	0
10	0	1639	3084	7.657263	0	7.657263	3084	100	0	0	130.719	0.333333	0.000000	0.263316	0.000000	0.000000	3066.928	0	0	10.12	0.000000	0.000000	238.9838	0	0	6218.202	24690.35	19128.14	0.000000	98.87601	0
19	0	3084	3884	17.04325	0	17.04325	3884	100	0	0	130.719	0.333333	0.000000	0.263316	0.000000	0.000000	6653.072	0	0	10.12	0.000000	0.000000	689.90352	0.000000	0	17430.45	42442.75	42574.72	0.000000	277.1627	0
19	10	3884	4263	18.59693	0	18.59693	4263	100	0	0	130.719	0.333333	0.606061	0.263316	0.000000	0.42704	8653.072	0	0	1	0.000000	0.000000	79.2915	0.814587527	64589.87	38579.84	83155.53	81404.57	0.000000	331.9935	64510.58
10	5	0	346	7.5	0	7.5	346	100	0	0	229.0218	0	0.984123	0.461334	0.000000	0.8007	18159.48	0	0	5.9	0.000000	0.000000	15.3105	0	0	668.45	0.000000	0.000000	0.000000	10.86527	0
5	0	0	1113	2.5	0	2.5	1113	100	0	0	127.8772	0.000000	0.000000	0.257592	0.000000	0.000000	331.8414	0	0	5.9	0.000000	0.000000	16.41675	0	0	716.7484	0.000000	0.000000	0.000000	11.85033	0
0.00	8.00	1.00	1.00	0	0	0	1	100	0	0	127.8772	0.000000	0.000000	0.257592	0.000000	0.000000	355.8184	0	0	1	0.000000	0.000000	0	0.492730227	0	0	0.000000	0.000000	0.000000	0	0	0
0	0	0	0	0	0	0	0	100	0	0	192.2197	0.000000	0.000000	0.387201	0.000000	0.000000	0	0	0	1	0.000000	0.000000	0	0	0	0	0.000000	0.000000	0.000000	0	0	0
12	8	5722.00	8760	11.30639	5	11.90147	8760	100	0	0	117.6471	0.000000	0.000000	0.236864	0.000000	0.000000	0	0	0	5.9	0.000000	0.000000	615.115366	0	0	28855.68	0.000000	0.000000	0.000000	414.6972	0	0
0	0	0	0	0	0.71	0	0	100	0	0	261.98	0.000000	0.000000	0.257592	0.000000	0.000000	0	0	0	1	0.000000	0.000000	0	0	0	0	0.000000	0.000000	0.000000	0	0	0
0	0	0	0	0	0.35	0	0	100	0	0	192.3529	0.000000	0.000000	0.387469	0.000000	0.000000	0	0	0	5.9	0.000000	0.000000	0	0	0	0	0.000000	0.000000	0.000000	0	0	64510.58
											117.6471	0.000000	0.000000	0.236864	0.000000	0.000000	60246.45	0	0	0	0.000000	0.000000	0	0	0	0	93199.31	180579.1	159743.3			

Cogen V

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 milE/y	El bonus milE/y	congazC1 E3Nmc/y	contg C1 milE/y	CongazC2 E3Nmc/y	contgC2 milE/y	Cons lig t/y	cost lign milE/y	costcomb milE/y	prod cald TJ/y	D dif %	ee dispo MWh/y	DimgSSud 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	-1090.673	-31.7273	0	3.548082	3.548082	0	14088.1	3.986934	18847.14	4.266993	0	0	8.253927	1220.456	0.838808	51442.59	159743.3	0	0	0	0	0	33.59303605	44.94094	0	0

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

Epomprsal	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	0.051888
C1	1090.673	0.084353
C2	31.72725	0.002439
TOTAL	13067.99	1.123388

	TJ/y
Gas CT	501.3866
GAS TOT	36985.18
	670.7604
	bioretTJ/y
	0

	E3Nmc/y	milE/y
Gas CT	4049.938	9.400059
GAS TOT	36985.18	9.400059

	TJ/y
Gas CT	144.1353
GAS TOT	1318.284

	milE/y
Gas CT	1.146133
TOTcomb	9.400059

CO2 t	Dif CO2 t/y	CO2 13sud t/y	CO2 1Tot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143554	29811	253000	159800.7	93199.31	3.995017	

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
	897	417	2009	1147.974	127.5526	476	186	101.6367	2009	329.92	0.8	263.936	28.98	86.78	77.34	111.45	58	0	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

CAF G L1	
CAF GAS L 2	
CAF GAS L3	
Cz 420 carb	

S est M Gcal/h	S est m Gcal/h	T M h	T m h	S md ech Gcal/h	Intermit %	Sarc prod Gcal/h	Durata M h/y	% gaz %	% bio %	% lignit %	cap gaz kmol/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cap gz t/Gcal	CO2cap bio t/Gcal	CO2cap 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 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	1	15	2.133333	0	2.133333	15	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	4.163007	0	0	10.12	0.000000	0.000000	0.3284	0.000000	0	8.426105	0.000000	0.000000	0.000000	0.133984	0
10	0	15	100	5.75	0	5.75	100	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	75.1634	0	0	10.12	0.000000	0.000000	5.819	0.000000	0	151.4066	0.000000	0.000000	0.000000	2.407525	0
45	0	1000	1800	35.77778	5	37.86082	1800	100	0	0	130.719	0.000000	0.000000	0.263316	0.000000	0.000000	8861.369	0	0	10.12	0.000000	0.000000	698.029474	0.000000	0	17850.04	0.000000	0.000000	0.000000	269.6428	0
1	1	1	1	1	4.3	1.044932	1	0	0	80	15158.88	0	65.8416	30.1455	0	59.8125	3.168	0	55.04	0	0	0	0	0	0	58.3	333538.9	333538.9	2968.886	0.004187	0

pg. 2 col I

Cz 420 carb	
CAF GAS L 6	
Cz 420 carb	
Turbina Gaz Chimiei	
Babcock	
Babcc 0 0	0
SumBBglobal	
SUM Q BV	
SUM Q BV	
SUM Q BBDSL iarna an init	
SUM Q BB DSL vara an init	

| | | |

pg. 3

SUM Q BBDSL iarna an init 0 0 0 0 0 4.3 1 1 0 0 192.3529 0 0 0.387469 0 0 0.192353 0 0 0 0 0 0 0 0 0 0 0 0 0.387469 0 0 0 0 0 0 0 0 0 0 0 0 0

pg. 4

629

| | | |

690

2016.0	Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz ip	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/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
	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

CAF G 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		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
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 %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cap gz t/Gcal	CO2cap bio t/Gcal	CO2cap 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 ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmax gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	0	0	0	10.12	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	0	0	0	10.12	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	0	0	0	10.12	[illegible]	[illegible]	1.9228	0	0	50.03	[illegible]	[illegible]	[illegible]	0.79553	0
10	0	1	37	5.135135	0	5.135135	37	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	24.8386	0	0	10.12	[illegible]	[illegible]	7.7924	0	0	202.7531	[illegible]	[illegible]	[illegible]	3.22399	0
10	0	37	117	6.581197	0	6.581197	117	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	100.6536	0	0	10.12	[illegible]	[illegible]	17.457	0	0	454.2197	[illegible]	[illegible]	[illegible]	7.222575	0
10	0	117	228	7.565789	0	7.565789	228	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	225.4902	0	0	10.12	0	0	36.7862	0	0	857.1529	[illegible]	[illegible]	[illegible]	15.21975	0
10	0	228	499	7.284569	0	7.284569	499	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	475.1634	0	0	10.12	0	0	305.14836	0	0	7939.761	[illegible]	[illegible]	[illegible]	126.2506	0
10	0	499	2675	11.27215	0	11.27215	2675	100	0	0	130.719	0.333333	0.606061	0.263316	[illegible]	[illegible]	3941.569	0	0	1	0	0	61.671	0.791034946	48783.92	28106.04	[illegible]	[illegible]	[illegible]	258.2165	48722.25
19	0	2675	3423	18.01665	0	18.01665	3423	100	0	0	226.2457	0	0.953262	0.455742	0.8007	[illegible]	13952.8	0	0	5.9	0	0	15.576	0	0	680.0416	[illegible]	[illegible]	[illegible]	11.05368	0
19	10	2675	3423	18.01665	0	18.01665	3423	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	337.5959	0	0	5.9	0	0	9.4695	0	0	413.4344	[illegible]	[illegible]	[illegible]	8.720135	0
10	5	0	352	7.5	0	7.5	352	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	205.243	0	0	1	0	0	93.52419	0.673214647	81666.69	44876.27	[illegible]	[illegible]	[illegible]	391.5856	81573.17
5	0	0	642	2.5	0	2.5	642	[illegible]	[illegible]	[illegible]	238.207	0	[illegible]	0.479936	[illegible]	[illegible]	222278.11	0	0	1	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
12.00	6.86	4417.00	8760.00	10.67628	0	10.67628	8760	[illegible]	[illegible]	[illegible]	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	5.9	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	261.98	0	0	0.257592	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	0	0.387469	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	0.42704	41541.47	0	0	Cogen	0	0	0	0	0	0	83679.7	179571.1	143151.1	0	130295.4
0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							V	0	0	0	0	0	0					

ee pr C1 MWh/y	ee prC2 MWh/y	ee ca C1 MWh/y	ee ca 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	130295.4	-369.1068	-25.0455	0	8.860088	8.860088	0	4767.712	1.903271	36773.75	11.74407	0	0	13.64734	820.2865	0.721378	127253.8	143151.1	0	0	0	0	0	11.36859357	87.68689	0	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+sl	MWh/y	milE/y
T C1	7.420204	0.000648	
T C2	137.294	0.013287	
D PT	2189.592	0.265826	
D CT	313.1612	0.038033	
C1	369.1066	0.032238	
C2	25.0455	0.002424	
TOTAL	3041.62	0.352556	

	TJ/y
Gas CT	189.6805
GAS TOT	1308.759
bioref	0

	E3Nmc/y	TJ/y
Gas CT	2725.204	96.98863
GAS TOT	44266.67	1575.429

	milE/y
Gas CT	14.73524
GAS TOT	1.087901
TOTcomb	14.73524

	CO2 Cen t/y	CO2 Sold t/y	CO2 TH t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
	143584	209811	253000	-1.1E-12	1.07E-12	-3.3E-17

	BIO	WASTE
	0	0

2017.0	Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz ip	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/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
	674	209	2017	787.0473	87.4497	113	28	83.10852	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

CAF G 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		
Babcock		
Babcock		
Ciclu mixt Chimiei		
Ciclu mixt Chimiei		
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 %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2cap gz t/Gcal	CO2cap bio t/Gcal	CO2cap 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 ee/G MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmax gS Nmc/h	Dmd gS Nmc/h	SO2 mg/Nmc	Heat del N TJ/y	El vinz. MWh/y
0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	0	0	0	10.12	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	1	1	0	0	0	1	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	0	0	0	10.12	[illegible]	[illegible]	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
10	0	1	26	5.192308	0	5.192308	26	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	17.64708	0	0	10.12	[illegible]	[illegible]	1.3662	0	0	35.54763	[illegible]	[illegible]	[illegible]	0.565245	0
10	0	26	106	6.226415	0	6.226415	106	[illegible]	[illegible]	[illegible]	130.719	[illegible]	[illegible]	0.263316	[illegible]	[illegible]	86.27451	0	0	10.12	[illegible]	[illegible]	6.6792	0	0	173.7884	[illegible]	[illegible]	[illegible]	2.76342	0
10	0	106	186	7.849462	0	7.849462	186	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	190.8497	0	0	10.12	0	0	14.7752	0	0	384.441	[illegible]	19608.26	[illegible]	6.11302	0
10	0	186	476	6.953782	0	6.953782	476	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	[illegible]	432.6797	0	0	10.12	0	0	33.4972	0	0	871.5752	[illegible]	17370.82	[illegible]	13.85897	0
19	0	476	2507	11.30375	0	11.30375	2507	100	0	0	130.719	0.333333	0.606061	0.263316	[illegible]	0.42704	3704.379	0	0	1	0	0	286.78562	0	0	7461.974	[illegible]	28237.21	[illegible]	118.6533	0
19	10	2507	3356	17.86159	0	17.86158	3356	100	0	0	225.519	0	0.945058	0.454278	0.8007	[illegible]	13518.4	0	0	5.9	0	0	59.9435	0.784869396	47047.82	27231	[illegible]	76977.53	[illegible]	250.9834	46987.88
10	5	0	353	7.5	0	7.5	353	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	338.555	0	0	5.9	0	0	15.62025	0	0	681.9736	[illegible]	[illegible]	[illegible]	11.08508	0
5	0	0	592	2.5	0	2.5	592	[illegible]	[illegible]	[illegible]	127.8772	[illegible]	[illegible]	0.257592	[illegible]	[illegible]	189.2583	0	0	1	0	0	8.732	0	0	381.2355	[illegible]	[illegible]	[illegible]	8.19876	0
12.00	8.50	4301.00	8760.00	10.6002	0	10.6002	8760	[illegible]	[illegible]	[illegible]	237.8016	0	[illegible]	0.479019	[illegible]	[illegible]	22081.72	0	0	1	0	0	92.85775	0.889860433	80773.28	44480.86	[illegible]	[illegible]	[illegible]	388.7954	80880.42
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	117.6471	[illegible]	[illegible]	0.236984	[illegible]	[illegible]	0	0	0	5.9	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	261.98	0	0	0.257592	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	5	0	0	[illegible]	[illegible]	[illegible]	192.3529	0	0	0.387469	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
0	0	0	0	0	0.71	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.236984	[illegible]	0.42704	40559.76	0	0	Cogen	0	0	0	0	0	0	81702.19	179307.2	142193.8	0	127668.3
0	0	0	0	0	0.35	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							V	0	0	0	0	0	0					

ee pr C1 MWh/y	ee prC2 MWh/y	ee ca C1 MWh/y	ee ca 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	127868.3	-343.1034	-24.3523	0	8.881444	8.881444	0	4431.83	1.769187	36127.93	11.53782	0	0	13.307	799.0146	1.520533	124769	142193.8	0	0	0	0	0	10.56768328	86.14692	0	0

Hdeliv	TJ/y
H livr C1	129.9866
H livr C2	857.0807
H livr CT	87.4497
H livr PT	608.6

	Epomp+sl	MWh/y	milE/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	

	TJ/y
Gas CT	157.7286
GAS TOT	1285.775
bioref	0

	E3Nmc/y	TJ/y
Gas CT	2633.63	93.72958
GAS TOT	43193.39	1537.231

	milE/y
Gas CT	14.35835
GAS TOT	1.051345
TOTcomb	14.35835

	CO2 Cen t/y	CO2 Sold t/y	CO2 TH t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
	143584	209811	253000	-9.9E-13	9.91E-13	-3.2E-17

	BIO	WASTE
	0	0

2018.0	Qsold	losses	An	Qtotal CET	Q CT	Tmax	Tmin	QMM	An	Pr gaz ip	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/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
	647	209	2018	787.7814	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 t/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 El vinz. TJ/y	MWh/y
CAF G L1	0	0	1	1	0	0	0	1				130.719			0.263316			0	0	0	10.12			0		0	0				0	0
CAF GAS L 2	0	0	1	1	0	0	0	1				130.719			0.263316			0	0	0	10.12			0		0	0				0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17				130.719			0.263316			11.76471	0	0	10.12			0.9108		0	23.69842				0.37883	0
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97				130.719			0.263316			74.5098	0	0	10.12			5.7684		0	150.09				2.38659	0
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333		0.263316			179.085	0	0	10.12			13.8644		0	360.7426				5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333		0.263316			411.7847	0	0	10.12			31.878		0	829.4447				13.18905	0
CAF GAS L 7	18	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333		0.263316			3479.608	0	0	10.12			269.38428		0	7009.203				111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	130.719	0.333333	0.606061	0.263316		0.42704	13104.88	0	0	1			58.29	0.778956456	45405.37	26398.02				244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370				224.8221	0	0.93714	0.452874		0.8007	354.6593	0	0	5.9			18.3725		0	714.8165				11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622				127.8772			0.257592			198.8491	0	0	5.9			9.1745		0	400.5548				6.510785	0
Ciclu mixt Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760				237.7715			0.478959			22067.16	0	0	1			92.80825	0.869611753	80707.15	44451.33				388.5881	80614.34
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0				117.6471			0.236984			0	0	0	5.9			0		0	0				0	0
Babcock	0	0	0	0	5	0	0	0				261.98	0	0	0.257592			0	0	0	0			0		0	0				0	0
	0	0	0	0	0	0.71	0	0				192.3529	0	0	0.387469			0	0	0	0			0		0	0				0	0
	0	0	0	0	0	0.35	0	0				315.6471	0.333333	0.606061	0.236984		0.42704	39882.48	0	0	Cogen			0		0	0				0	0
																					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 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	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdaliv	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	2778.852	0.322657

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
2569.162	42451.64	14.09435
TJ/y	TJ/y	
91.43521	1510.833	
milE/y		
1.02561		

TJ/y	TJ/y
1271.461	
biomTJ/y	
0	

TOTcomb 14.09435

CO2 Cen t/y	CO2 Sud t/y	CO2 TR t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.1E-17

BIO	WASTE
0	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 t/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 El vinz. TJ/y	MWh/y
CAF G L1	0	0	1	1	0	0	0	1				130.719			0.263316			0	0	0	10.12			0		0	0				0	0
CAF GAS L 2	0	0	1	1	0	0	0	1				130.719			0.263316			0	0	0	10.12			0		0	0				0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17				130.719			0.263316			11.76471	0	0	10.12			0.9108		0	23.69842				0.37883	0
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97				130.719			0.263316			74.5098	0	0	10.12			5.7684		0	150.09				2.38659	0
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333		0.263316			179.085	0	0	10.12			13.8644		0	360.7426				5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333		0.263316			411.7847	0	0	10.12			31.878		0	829.4447				13.18905	0
CAF GAS L 7	18	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333		0.263316			3479.608	0	0	10.12			269.38428		0	7009.203				111.4538	0
Turbina Gaz Chimiei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	130.719	0.333333	0.606061	0.263316		0.42704	13104.88	0	0	1			58.29	0.778956456	45405.37	26398.02				244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370				224.8221	0	0.93714	0.452874		0.8007	354.6593	0	0	5.9			18.3725		0	714.8165				11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622				127.8772			0.257592			198.8491	0	0	5.9			9.1745		0	400.5548				6.510785	0
Ciclu mixt Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760				237.7715			0.478959			22067.16	0	0	1			92.80825	0.869611753	80707.15	44451.33				388.5881	80614.34
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0				117.6471			0.236984			0	0	0	5.9			0		0	0				0	0
Babcock	0	0	0	0	5	0	0	0				261.98	0	0	0.257592			0	0	0	0			0		0	0				0	0
	0	0	0	0	0	0.71	0	0				192.3529	0	0	0.387469			0	0	0	0			0		0	0				0	0
	0	0	0	0	0	0.35	0	0				315.6471	0.333333	0.606061	0.236984		0.42704	39882.48	0	0	Cogen			0		0	0				0	0
																					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 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	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdaliv	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	2778.852	0.322657

Gas CT E3Nmc/y	GAS TOT E3Nmc/y	milE/y
2569.162	42451.64	14.09435
TJ/y	TJ/y	
91.43521	1510.833	
milE/y		
1.02561		

TJ/y	TJ/y
1271.461	
biomTJ/y	
0	

TOTcomb 14.09435

CO2 Cen t/y	CO2 Sud t/y	CO2 TR t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.2E-17

BIO	WASTE
0	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 t/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 El vinz. TJ/y	MWh/y
CAF G L1	0	0	1	1	0	0	0	1				130.719			0.263316			0	0	0	10.12			0		0	0				0	0
CAF GAS L 2	0	0	1	1	0	0	0	1				130.719			0.263316			0	0	0	10.12			0		0	0				0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17				130.719			0.263316			11.76471	0	0	10.12			0.9108		0	23.69842				0.37883	0
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97				130.719			0.263316			74.5098	0	0	10.12			5.7684		0	150.09				2.38659	0
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333		0.263316			179.085	0	0	10.12			13.8644		0	360.7426				5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333		0.263316			411.7847	0	0	10.12			31.878		0	829.4447				13.18905	0
CAF GAS L 7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333		0.263316			3479.608	0	0	10.12			269.38428		0	7009.203				111.4538	0

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| | | |

0 V	0	0	0	0

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 emC2	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2
MWh/y	MWh/y	MWh/y	MWh/y	mil E/y	mil E/y	milE/y	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	milE/y	TJ/y		MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdelv	TJ/y
H livr C1	117.0033
H livr C2	850.7781
H livr CT	85.30905
H livr PT	582.3

Epompr+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	42451.64	14.09435
TJ/y	TJ/y	
91.43521	1510.833	
milE/y		
1.02561		

BIO	WASTE
0	0

1271.461
biorefTJ/y
0

TOTcomb 14.09435

CO2 l Cen	CO2 l Sud	CO2 l tot	Dif CO2	CO2 tot	Incom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.4E-17

2023.0	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
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

CAF G 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			
Babcock			
Babcock			
Ciclu mixt Chimiei			
Ciclu mixt Chimiei			
Babcock			

S ext M	S ext m	T M	T m	S md ach	Intarme	Sarc prod	Durata M	% gaz	% bio	% lignit	cap gaz	cap bio	cap 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 eeG	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz.
Gcal/h	Gcal/h	h	h	Gcal/h	%	Gcal/h	t/y	%	%	%	Nmc/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	E3Nmc/y	t/y	t/y	kWh/Gcal	kWh/Gcal	kWh/Gcal	MWh/y	MWh/Gcal	MWh/y	t/y	Nmc/h	Nmc/h	mg/Nmc	TJ/y	MWh/y
0	0	1	1	0	0	0	1	100	0	0	130.719	0.606061	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	100	0	0	130.719	0.606061	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.606061	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.89842	0	0	0	0.37683	0
10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.606061	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
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	24880.39	19335.11	0	5.73619	0
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	31.876	0	0	829.4447	24880.39	17370.47	0	13.18905	0
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
19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	51650.64	76096.7	0	244.0602	45347.08
10	5	0	370	7.5	0	7.5	370	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.606061	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
12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	127.8772	0.606061	0.606061	0.257592	0	0.42704	22067.16	0	0	1	0	0	92.80825	0.869611753	80707.15	44451.33	0	0	0	388.5881	80614.34
0	0	0	0	0	0	0	0	0	0	0	237.7715	0	0.93714	0.478959	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	0	0	0	117.8471	0.606061	0.606061	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	0.71	0	0	0	0	0	261.98	0	0	0.257592	0	0.42704	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.35	0	0	0	0	0	192.3529	0	0	0.387469	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											117.8471	0.606061	0.606061	0.236984	0	0.42704	39882.48	0	0	Cogen	0	0	0	0	0	80337.89	179054.2	141110.2			125961.4
																				0 V	0	0	0	0	0						

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 emC2	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2
MWh/y	MWh/y	MWh/y	MWh/y	mil E/y	mil E/y	milE/y	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	milE/y	TJ/y		MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdelv	TJ/y
H livr C1	117.0033
H livr C2	850.7781
H livr CT	85.30905
H livr PT	582.3

Epompr+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	42451.64	14.09435
TJ/y	TJ/y	
91.43521	1510.833	
milE/y		
1.02561		

BIO	WASTE
0	0

1271.461
biorefTJ/y
0

TOTcomb 14.09435

CO2 l Cen	CO2 l Sud	CO2 l tot	Dif CO2	CO2 tot	Incom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.5E-17

2024.0	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
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

CAF G 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			
Babcock			
Babcock			
Ciclu mixt Chimiei			
Ciclu mixt Chimiei			
Babcock			

S ext M	S ext m	T M	T m	S md ach	Intarme	Sarc prod	Durata M	% gaz	% bio	% lignit	cap gaz	cap bio	cap 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 eeG	prod ee	CO2	Dmx gS	Dmd gS	SO2	Heat del N	El vinz.
Gcal/h	Gcal/h	h	h	Gcal/h	%	Gcal/h	t/y	%	%	%	Nmc/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	t/Gcal	E3Nmc/y	t/y	t/y	kWh/Gcal	kWh/Gcal	kWh/Gcal	MWh/y	MWh/Gcal	MWh/y	t/y	Nmc/h	Nmc/h	mg/Nmc	TJ/y	MWh/y
0	0	1	1	0	0	0	1	100	0	0	130.719	0.606061	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	100	0	0	130.719	0.606061	0.606061	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	0.606061	0.606061	0.263316	0	0.42704	11.76471	0	0	10.12	0	0	0.9108	0	0	23.89842	0	0	0	0.37683	0
10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.606061	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
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	24880.39	19335.11	0	5.73619	0
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	31.876	0	0	829.4447	24880.39	17370.47	0	13.18905	0
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
19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	130.719	0.333333	0.606061	0.263316	0	0.42704	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	51650.64	76096.7	0	244.0602	45347.08
10	5	0	370	7.5	0	7.5	370	100	0	0	224.8221	0	0.93714	0.452874	0	0.8007	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	0	0	0	11.61893	0
5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	0.606061	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
12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	127.8772	0.606061	0.606061	0.257592	0	0.42704	22067.16	0	0	1	0	0	92.80825	0.869611753	80707.15	44451.33	0	0	0	388.5881	80614.34
0	0	0	0	0	0	0	0	0	0	0	237.7715	0	0.93714	0.478959	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	0	0	0	117.8471	0.606061	0.606061	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	0.71	0	0	0	0	0	261.98	0	0	0.257592	0	0.42704	0	0	0	5.9	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0.35	0	0	0	0	0	192.3529	0	0	0.387469	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											117.8471	0.606061	0.606061	0.236984	0	0.42704	39882.48	0	0	Cogen	0	0	0	0	0	80337.89	179054.2	141110.2			125961.4
																				0 V	0	0	0	0	0						

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 emC2	Cost SO2	NOx C1	NOx C2	Dust C1	Dust C2
MWh/y	MWh/y	MWh/y	MWh/y	mil E/y	mil E/y	milE/y	milE/y	E3Nmc/y	milE/y	E3Nmc/y	milE/y	t/y	milE/y	milE/y	TJ/y		MWh/y	Nmc/h	mg/Nmc	t/y	t/y	t/y	milE/y	t/y	t/y	t/y	t/y
0	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdelv	TJ/y
H livr C1	117.0033
H livr C2	850.7781
H livr CT	85.30905

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

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y

1271.461
biorefTJ/y
0

TOTcomb

CO2 l Cen	CO2 l Sud	CO2 l tot	Dif CO2	CO2 tot	Incom CO2
t/y	t/y	t/y	t/y	t/y	milE/y
143584	209811	253000	-9.3E-13	9.3E-13	-3.6E-17

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H livr PT	582.3	D CT	295.23	0.035856	2569.162	42451.64	14.09435		14.09435
		C1	321.8059	0.028107	TJ/y	TJ/y			
		C2	25.547	0.002472	91.43521	1510.833			
		TOTAL	2776.852	0.322657	milE/y				
					1.02561				

BIO	WASTE
0	0

2025.0	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
	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 t/y	% gaz %	% bio %	% lignit %	cap gaz h/mc/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	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	0.000000	0.000000	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.000000	0.000000	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	0.000000	0.000000	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 L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.000000	0.000000	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 L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.000000	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24990.39	19335.11	0	5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.000000	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24990.39	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 Chimier	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	81620.54	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.000000	0.000000	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	0.000000	0.000000	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
Ciclu mixt Chimier	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	237.7715	0	0.552214	0.478959	0	0.42704	22067.16	0	0	1	0	0	92.80825	0.869611753	80707.15	44451.33	0	0	0	388.5881	80614.34
Ciclu mixt Chimier	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.000000	0.000000	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	0	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	5	0	5	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	0.71	0	0	100	0	0	117.6471	0.000000	0.000000	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.36	0	0	0	0	0	0	0	0	0	0	0	39882.48	0	0	Cogen	0	0	0	0	0	0	80337.89	179054.2	141110.2		125961.4
																					V	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 max 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	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.859367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdeliv	TJ/y	Epomp+si	MWh/y	milE/y
H livr C1	117.0033	T C1	4.953991	0.000433
H livr C2	650.7781	T C2	114.1429	0.011047
H livr CT	85.30905	D PT	2015.172	0.244743
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

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2569.162	42451.64	14.09435
TJ/y	TJ/y	
91.43521	1510.833	
milE/y		
1.02561		

TJ/y	TJ/y	TJ/y	biorefTJ/y
147.936		1271.461	
			0

TOTcomb 14.09435

CO2 t/y	Cen CO2 t/y	Sol CO2 t/y	CO2 TTot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	208811	253000		-9.3E-13	9.3E-13	-3.7E-17

BIO	WASTE
0	0

2026.0	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
	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 t/y	% gaz %	% bio %	% lignit %	cap gaz h/mc/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	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	0.000000	0.000000	0.263316	0	0.42704	0	0	0	10.12	0	0	0	0	0	0	0	0	0	0	0
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	0.000000	0.000000	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	0.000000	0.000000	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 L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	0.000000	0.000000	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 L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	0.000000	0.263316	0	0.42704	179.085	0	0	10.12	0	0	13.8644	0	0	360.7426	24990.39	19335.11	0	5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	0.000000	0.263316	0	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	24990.39	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 Chimier	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	81620.54	76096.7	0	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	0.000000	0.000000	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	0.000000	0.000000	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
Ciclu mixt Chimier	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	237.7715	0	0.552214	0.478959	0	0.42704	22067.16	0	0	1	0	0	92.80825	0.869611753	80707.15	44451.33	0	0	0	388.5881	80614.34
Ciclu mixt Chimier	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.000000	0.000000	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	0	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	5	0	5	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	0.71	0	0	100	0	0	117.6471	0.000000	0.000000	0.236984	0	0.42704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0.36	0	0	0	0	0	0	0	0	0	0	0	39882.48	0	0	Cogen	0	0	0	0	0	0	80337.89	179054.2	141110.2		125961.4
																					V	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 max 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	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.859367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	0	0

Hdeliv	TJ/y	Epomp+si	MWh/y	milE/y
H livr C1	117.0033	T C1	4.953991	0.000433
H livr C2	650.7781	T C2	114.1429	0.011047
H livr CT	85.30905	D PT	2015.172	0.244743
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

Gas CT	GAS TOT	
E3Nmc/y	E3Nmc/y	milE/y
2569.162	42451.64	14.09435
TJ/y	TJ/y	
91.43521	1510.833	
milE/y		
1.02561		

TJ/y	TJ/y	TJ/y	biorefTJ/y
147.936		1271.461	
			0

TOTcomb 14.09435

CO2 t/y	Cen CO2 t/y	Sol CO2 t/y	CO2 TTot t/y	Dif CO2 t/y	CO2 tot t/y	Incom CO2 milE/y
143584	208811	253000		-9.3E-13	9.3E-13	-3.7E-17

BIO	WASTE
0	0

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
	647	209	2027	767.7814	85.30905	103	18	61.94251	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 t/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2sp ga 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 eeiC MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmd 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	[illegible]	0.42704	0	0	0	10.12	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	0.42704	0	0	0	10.12	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	0.42704	11.76471	0	0	10.12	[illegible]	[illegible]	0.9108	[illegible]	0	23.89842	[illegible]	[illegible]	[illegible]	0.37683	0
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	0.42704	74.5098	0	0	10.12	[illegible]	[illegible]	5.7684	[illegible]	0	150.09	[illegible]	[illegible]	[illegible]	2.38659	0
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	0.42704	179.085	0	0	10.12	0	0	13.8644	[illegible]	0	360.7426	[illegible]	19335.11	[illegible]	5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	[illegible]	13.18905	0
CAF GAS L 7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0.452874	0.42704	3479.608	0	0	10.12	0	0	269.38428	[illegible]	0	7009.203	[illegible]	28307.82	[illegible]	111.4538	0
Turbina Gaz Chimei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.257592	0.452874	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	[illegible]	76096.7	[illegible]	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	[illegible]	[illegible]	[illegible]	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	[illegible]	[illegible]	[illegible]	6.510785	0
Ciclu mixt Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	237.7715	0	0.952381	0.478959	0.236984	0.42704	22067.16	0	0	1	0	0	92.80825	0.809611753	80707.15	44451.33	[illegible]	[illegible]	[illegible]	388.5881	80614.34
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.952381	0.952381	0.236984	0.236984	0.42704	0	0	0	1	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.952381	0.952381	0.236984	0.236984	0.42704	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
																		39882.48	0	0	Cogen						80337.89	179054.2	141110.2		125961.4
																				0	V										

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 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 calid 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	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	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
	1271.461
biore/TJ/y	0

Gas CT	GAS TOT
E3Nmc/y	E3Nmc/y
2569.162	42451.64
TJ/y	TJ/y
91.43521	1510.833
milE/y	
1.02581	

	milE/y
TOTcomb	14.09435

CO2 Cen t/y	CO2 Ind t/y	CO2 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

BIO	WASTE
0	0

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
	647	209	2028	767.7814	85.30905	103	18	82	2028	399.20	0.80	319.36	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 t/y	% gaz %	% bio %	% lignit %	cap gaz Nmc/Gcal	cap bio t/Gcal	cap lign t/Gcal	CO2sp ga 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 eeiC MWh/Gcal	prod ee MWh/y	CO2 t/y	Dmd 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	[illegible]	0.42704	0	0	0	10.12	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
CAF GAS L 2	0	0	1	1	0	0	0	1	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	0.42704	0	0	0	10.12	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	[illegible]	[illegible]	0	0
CAF GAS L3	10	0	1	17	5.294118	0	5.294118	17	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	0.42704	11.76471	0	0	10.12	[illegible]	[illegible]	0.9108	[illegible]	0	23.89842	[illegible]	[illegible]	[illegible]	0.37683	0
CAF GAS L 4	10	0	17	97	5.876289	0	5.876289	97	100	0	0	130.719	[illegible]	[illegible]	0.263316	[illegible]	0.42704	74.5098	0	0	10.12	[illegible]	[illegible]	5.7684	[illegible]	0	150.09	[illegible]	[illegible]	[illegible]	2.38659	0
CAF GAS L 5	10	0	97	177	7.740113	0	7.740113	177	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	0.42704	179.085	0	0	10.12	0	0	13.8644	[illegible]	0	360.7426	[illegible]	19335.11	[illegible]	5.73619	0
CAF GAS L 6	10	0	177	453	6.953642	0	6.953642	453	100	0	0	130.719	0.333333	[illegible]	0.263316	[illegible]	0.42704	411.7647	0	0	10.12	0	0	31.878	0	0	829.4447	[illegible]	17370.47	[illegible]	13.18905	0
CAF GAS L 7	19	0	453	2349	11.33206	0	11.33206	2349	100	0	0	130.719	0.333333	0.606061	0.263316	0.452874	0.42704	3479.608	0	0	10.12	0	0	269.38428	[illegible]	0	7009.203	[illegible]	28307.82	[illegible]	111.4538	0
Turbina Gaz Chimei	19	10	2349	3291	17.71194	0	17.71194	3291	100	0	0	224.8221	0	0.93714	0.257592	0.452874	0.8007	13104.88	0	0	1	0	0	58.29	0.778956456	45405.37	26398.02	[illegible]	76096.7	[illegible]	244.0602	45347.08
Babcock	10	5	0	370	7.5	0	7.5	370	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	0.42704	354.8593	0	0	5.9	0	0	16.3725	0	0	714.8165	[illegible]	[illegible]	[illegible]	11.61893	0
Babcock	5	0	0	622	2.5	0	2.5	622	100	0	0	127.8772	[illegible]	[illegible]	0.257592	[illegible]	0.42704	198.8491	0	0	5.9	0	0	9.1745	0	0	400.5548	[illegible]	[illegible]	[illegible]	6.510785	0
Ciclu mixt Chimiei	12.00	6.50	4283.00	8760.00	10.59455	0	10.59455	8760	100	0	0	237.7715	0	0.952381	0.478959	0.236984	0.42704	22067.16	0	0	1	0	0	92.80825	0.809611753	80707.15	44451.33	[illegible]	[illegible]	[illegible]	388.5881	80614.34
Ciclu mixt Chimiei	0	0	0	0	0	0	0	0	100	0	0	117.6471	0.952381	0.952381	0.236984	0.236984	0.42704	0	0	0	1	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	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	[illegible]	[illegible]	[illegible]	0	0
	0	0	0	0	0	0.35	0	0	0	0	0	117.6471	0.952381	0.952381	0.236984	0.236984	0.42704	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	0	0
																		39882.48	0	0	Cogen						80337.89	179054.2	141110.2		125961.4
																				0	V										

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 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 calid 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	125961.4	-321.8059	-25.547	0	8.565376	8.565376	0	4156.732	1.659367	35725.74	11.40937	0	0	13.06874	783.9205	2.102039	123184.6	141110.2	0	0	0	0	0	9.911712968	85.18791	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
	1271.461
biore/TJ/y	0

Gas CT	GAS TOT
E3Nmc/y	E3Nmc/y
2569.162	42451.64
TJ/y	TJ/y
91.43521	1510.833
milE/y	
1.02561	

	milE/y
TOTcomb	14.09435

CO2 Cen t/y	CO2 Ind t/y	CO2 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

BIO	WASTE
0	0

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
CO2 inf t/y	211663.94	187813.5	202075.3	197399.8	92540.62	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

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

Calc. pg 1 col II

636

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	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	Cfix OPSE 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
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	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	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	0.00	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	4536.80	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	885.00	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	885.00	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	885.00	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]

Definiteq z
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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 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	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	0	0	0	0	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
-1.09298	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	0.26962	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
-110.48	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	7.360769	0	0	1	0	0	6.9E-13	0	0	0
-689.904	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	648.2869	87.30358	52	90	29	87	39.55	86	447.1606	368.8817	816.0423	26.26826	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	12.6634	82	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
0	1	35589.5	12561	6908	0	0	52	90	29	87	39.55	86	0	460.7747	460.7747	0	0	0	0	0	0	67	0	0	0	0	1	1	0	0	0	0	0
-615.115	1	35589.5	12561	6908	972.0634	42.68154	52	90	33	87	39.55	86	0	0	0	0	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
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	-12110.1	0	64510.58	64510.58

									3.548082	0	TotelcogG 3.548082 TotelcogS 0

Products		
Heat sold	TJ/y	923
Losses	TJ/y	469
Heat C1	TJ/y	855.7948
Heat C2	TJ/y	254.5091
Heat CT	TJ/y	134.4782
HeatOweli	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	83199.31
SO2 C2	t/y	0
NOx C1	t/y	33.59304
NOx C2	t/y	44.94054
Dust C2	t/y	0
Emm lim		
CO2	t/y	259000
SO2 C2	t/y	0.00
NOx C1	t/y	0.00
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	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 Pt		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		36985.18
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		0.372286
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	3.985017

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 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	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	[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
-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
-5.619	1	35589.5	12561	6908	2.675028	90	52	90	29	87	39.55	86	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	299.8031	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	0.149368	100	0.033354	0	0	1	44.84654	0	0	0		

pg. 2 col 1

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pg. 3 col 1

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Heat CT	TJ/y	99.29583	Dust C2	t/y	0	F	0	TOTAL	mil E	6.30	waste H	0	Ist Depr	0.65
HeatDwell	TJ/y	674.0736	Emm lim			F	0				others	0	Sal	5.758075
HeatPublic	TJ/y	25.724	CO2	t/y	Relative	C2	mil E	1.756			TOTAL	16.34959	Cfix	7.29115
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	St boil 15 t/h	0				Fuel cons		Others	0
H Services	TJ/y	25.958	NOx C1	t/y	20	LOilTank	0				gsE3Mc/y	48930.8	TOTAL	14.11248
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	F	0				Coal t/y	0	Electr inc	mil E
El Tot C2	MWh/y	142181.6	Dust C2	t/y	22.00	GAS duct	0				biom t/y	0	C1	0
El Cogen	MWh/y	142181.6	EM verif			Comb Cy	0				gas TJ/y	1741.423	C2	0.686992
El hef Cog	MWh/y	142181.6	CO2 limit		WRONG	Water ep	0				coal TJ/y	0	Total	0.686992
El Tot	MWh/y	142181.6	SO2 C2		OK	Col cen	0.00				biom TJ/y	0	CO2 inc	mil E
			NOx C1		OK	Inch dep	1.756				Total TJ/y	1741.423		-3.8E-17
			NOx C2		OK									
			Dust C2		OK	Waste PI	0							

SalOPSEE	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 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	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	67.00	0.00	0.00	0.00	0.00	0	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
-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
-9.814	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
-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	524.9934	87.3126	52	90	29	87	39.55	86	360.1782	301.4733	661.6515	26.03046	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	10.33087	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	810.8401	86.41484	52	90	29	87	39.55	86	581.3681	443.0195	1024.388	26.33657	5.703851	0	5.703851	0	0	67	54.32628	0	0	0	1	1	0	0	83880.16	83880.16
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
																	9.237195	0	TotelcogG	TotelcogS									1.21E-12	0	135841.1	135841.1

Products			Emmiss			Inv LCP	mil E	0	Inv NET	mil E	0.00				O&Mcos	mil E	
Heat sold	TJ/y	756	CO2	t/y	1.21E-12	C 1	mil E	0	Tr Pump		0.00				Tpump&is		0.056655
Losses	TJ/y	209	SO2 C2	t/y	0	F		0	Tr NET		0.00				D pump		0.32722
Heat C1	TJ/y	176.276	NOx C1	t/y	12.94626	LOilTank		0	PT		0.00	Fuelcosts	mil E		DESOX		0
Heat C2	TJ/y	690.7273	NOx C2	t/y	91.00716	F		0	Dist NET		0.00	coal		0	Free		0
Heat CT	TJ/y	98.33382	Dust C2	t/y	0	CAF 100		0	CT		0.00	gas		15.5143	Ist Depr		0.64
HeatDwell	TJ/y	650.0698	Emm lim			F		0	TOTAL	mil E	0.00	biomass		0	Sal		5.900741
HeatPublic	TJ/y	26.772	CO2	t/y	Relative	F		0				waste H		0	Cfix		5.62415
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	C2	mil E	0				others		0	Others		0
H Services	TJ/y	25.014	NOx C1	t/y	20	St boil 15 t/h		0				TOTAL		15.5143	TOTAL		12.44939
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	LOilTank		0				Fuel cons			Electr inc	mil E	
El Tot C2	MWh/y	135841.1	Dust C2	t/y	22.00	F		0				gsE3Mc/y		46498.73	C1		0
El Cogen	MWh/y	135841.1	EM verif			GAS duct		0				Coal t/y		0	C2		9.237195
El hef Cog	MWh/y	135841.1	CO2 limit		WRONG	Comb Cy		0				biom t/y		0	Total		9.237195
El Tot	MWh/y	135841.1	SO2 C2		OK	Water ep		0				gas TJ/y		1654.795	CO2 inc	mil E	
			NOx C1		OK	Col cen		0.00				coal TJ/y		0			-3.5E-17
			NOx C2		OK	Inch dep		0				biom TJ/y		0			
			Dust C2		OK							Total TJ/y		1654.795			
						Waste PI		0									

SalOPSEE	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 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	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	67.00	0.00	0.00	0.00	0.00	0	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
-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	0.071891	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	9.931862	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	348.8466	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
-15.8645	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	8.681198	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	601.7069	86.42088	52	90	29	87	39.55	86	573.232	439.0014	1012.233	26.25978	5.623995	0	5.623995	0	0	67	53.71437	0	0	0	1	1	0	0	82705.81	82705.81
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
																	9.046143	0	TotelcogG	TotelcogS									1.14E-12	0	133031.5	133031.5

Products			Emmiss			Inv LCP	mil E	0	Inv NET	mil E	0.00				O&Mcos	mil E	
Heat sold	TJ/y	730	CO2	t/y	1.14E-12	C 1	mil E	0	Tr Pump		0.00				Tpump&is		0.052458
Losses	TJ/y	209	SO2 C2	t/y	0	F		0	Tr NET		0.00				D pump		0.315364
Heat C1	TJ/y	161.3727	NOx C1	t/y	12.13537	LOilTank		0	PT		0.00	Fuelcosts	mil E		DESOX		0
Heat C2	TJ/y	678.9799	NOx C2	t/y	89.32391	F		0	Dist NET		0.00	coal		0	Free		0
Heat CT	TJ/y	93.37252	Dust C2	t/y	0	CAF 100		0	CT		0.00	gas		15.11751	Ist Depr		0.51
HeatDwell	TJ/y	626.046	Emm lim			F		0	TOTAL	mil E	0.00	biomass		0	Sal		5.900741
HeatPublic	TJ/y	24.82	CO2	t/y	Relative	F		0				waste H		0	Cfix		5.52415
H Industrie	TJ/y	0	SO2 C2	t/y	0.00	C2	mil E	0				others		0	Others		0
H Services	TJ/y	24.09	NOx C1	t/y	20	St boil 15 t/h		0				TOTAL		15.11751	TOTAL		12.28899
El Tot C1	MWh/y	0	NOx C2	t/y	0.00	LOilTank		0				Fuel cons			Electr inc	mil E	
El Tot C2	MWh/y	133031.5	Dust C2	t/y	22.00	F		0				gsE3Mc/y		46281.56	C1		0
El Cogen	MWh/y	133031.5	EM verif			GAS duct		0				Coal t/y		0	C2		9.046143
El hef Cog	MWh/y	133031.5	CO2 limit		WRONG	Comb Cy		0				biom t/y		0	Total		9.046143
						Water ep		0				gas TJ/y		1614.395			
												coal TJ/y		0			

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