



Electricity demand (TWh/year): Flexible demand0,00						Capacities						Efficiencies						Regulation StrategyTechnical regulation no. 1						Fuel Price level: Basic					
Fixed demand 7,95 Fixed imp/exp. 0,00						Group 2:						MW-e MJ/s elec. Ther COP						CEEP regulation 000000000											
Electric heating + HP 2,93 Transportation 0,06						CHP						0 1500 0,40 0,50						Minimum Stabilisation share 0,98											
Electric cooling 0,22 Total 11,16						Heat Pump						0 0 0 3,00						Stabilisation share of CHP 0,00											
						Boiler						0 0 0 0,90						Minimum CHP gr 3 load 0 MW											
District heating (TWh/year) Gr.1 Gr.2 Gr.3 Sum						Group 3:												Minimum PP 0 MW											
District heating demand 1,13 0,00 0,50 1,63						CHP						443 82 0,21 0,47						Heat Pump maximum share 1,00											
Solar Thermal 0,00 0,00 0,00 0,00						Heat Pump						0 0 0 3,00						Maximum import/export 2100 MW											
Industrial CHP (CSHP) 0,00 0,00 0,00 0,00						Boiler						0 0 0 0,90						Distr. lavex_market_price_2020.txt											
Demand after solar and CSHP 1,13 0,00 0,50 1,63						Condensing						1058 0,29						Addition factor 0,00 EUR/MWh											
						Heatstorage: gr.2: 0 GWh gr.30 GWh												Multiplication factor 1,00											
						Fixed Boiler: gr.2:0,0 Per cent gr.0,0 Per cent												Dependency factor 0,00 EUR/MWh pr. MW											
						Electricity prod. from CSHP Waste (TWh/year)												Average Market Price 39 EUR/MWh											
Wind 87 MW 0,16 TWh/year 0,00 Grid						Gr.1: 0,00 0,00												Gas Storage 0 GWh											
Photo Voltaic 35 MW 0,08 TWh/year 0,00 stabili-						Gr.2: 0,00 0,00												Syngas capacity 0 MW											
River Hydro 172 MW 0,44 TWh/year 0,00 sation						Gr.3: 0,00 0,00												Biogas max to grid 0 MW											
River Hydro 0 MW 0 TWh/year 0,00 share																													
Hydro Power 1685 MW 4,28 TWh/year																													
Geothermal/Nuclear 0 MW 0 TWh/year																													

Output

District Heating											Electricity																Exchange				
Demand		Production									Consumption					Production						Balance					Payment Imp Exp Million EUR				
Distr.	heating	Solar	CSHP	DHP	CHP	HP	ELT	Boiler	EH	Ba-	Elec.	Flex.&	Elec-	Hydro	Tur-	RES	Hy-	Geo-	Waste-	CSHP	CHP	PP	Stab-	Imp	Exp	CEEP			EEP		
MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	lance	demand	Transp	HP	trolyser	EH	Pump	MW	MW	MW	MW	MW	MW	Load	MW	MW	MW			MW		
											MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	%								
January	391	0	0	271	81	0	0	0	0	39	795	7	4	0	701	0	0	100	488	0	0	435	484	140	0	0	0	0	0	0	
February	307	0	0	213	75	0	0	0	0	18	822	7	3	0	550	0	0	84	487	0	0	407	404	144	0	0	0	0	0	0	
March	283	0	0	197	72	0	0	0	0	14	761	7	3	0	508	0	0	108	482	0	0	389	297	146	2	0	0	0	0	0	
April	190	0	0	132	53	0	0	0	0	5	806	7	2	0	341	0	0	61	486	0	0	288	321	155	0	0	0	0	0	0	
May	114	0	0	79	35	0	0	0	0	0	874	7	1	0	204	0	0	50	487	0	0	187	360	159	1	0	0	0	0	0	
June	70	0	0	49	21	0	0	0	0	0	1010	7	1	0	126	0	0	59	488	0	0	116	481	156	0	0	0	0	0	0	
July	48	0	0	33	15	0	0	0	0	0	1121	7	1	0	86	0	0	62	488	0	0	79	585	152	1	0	0	0	0	0	
August	41	0	0	28	12	0	0	0	0	0	1079	7	0	0	73	0	0	58	488	0	0	67	547	155	0	0	0	0	0	0	
September	62	0	0	43	19	0	0	0	0	0	1058	7	1	0	111	0	0	67	488	0	0	102	520	153	0	0	0	0	0	0	
October	147	0	0	102	45	0	0	0	0	0	984	7	2	0	263	0	0	81	488	0	0	241	447	149	0	0	0	0	0	0	
November	256	0	0	178	67	0	0	0	0	11	917	7	3	0	459	0	0	85	487	0	0	361	452	145	0	0	0	0	0	0	
December	315	0	0	219	76	0	0	0	0	20	924	7	4	0	565	0	0	109	487	0	0	412	491	140	0	0	0	0	0	0	
Average	185	0	0	129	48	0	0	0	0	9	930	7	2	0	332	0	0	77	487	0	0	257	449	150	0	0	0	0	0	Average price	
Maximum	610	0	0	424	82	0	0	0	0	104	1577	13	7	0	1094	0	0	233	488	0	0	443	982	210	345	0	0	0	0	(EUR/MWh)	
Minimum	9	0	0	6	3	0	0	0	0	0	65	0	0	0	17	0	0	0	307	0	0	15	0	124	0	0	0	0	0	0	43
TWh/year	1,63	0,00	0,00	1,13	0,42	0,00	0,00	0,00	0,00	0,08	8,17	0,06	0,02	0,00	2,91	0,00	0,00	0,68	4,28	0,00	0,00	2,25	3,95	Posljedica non-market analize					0	0	

Posljedica non-market analize

FUEL BALANCE (TWh/year):										Waste/ CAES BioCon-Electro- PV and Wind off Industry										Imp/Exp Corrected			CO2 emission (Mt):	
	DHP	CHP2	CHP3	Boiler2	Boiler3	PP	Geo/Nu.Hydro	HTL	Elc.ly.	version	Fuel	Wind	CSP	Wave	Hydro	Solar.Tr	Transp.househ.	Various	Total	Imp/Exp	Net	Total	Net	
Coal	0,54	-	0,84	-	-	13,55	-	-	-	-	-	-	-	-	-	-	-	1,15	8,29	24,37	0,01	24,38	10,09	10,09
Oil	0,01	-	-	-	-	0,00	-	-	-	-	-	-	-	-	-	-	13,43	0,41	3,18	17,04	0,00	17,04	4,45	4,45
N.Gas	0,40	-	-	-	-	0,00	-	-	-	-	-	-	-	-	-	-	0,82	0,71	1,99	3,92	0,00	3,92	0,91	1,10
Biomass	0,31	-	0,04	-	-	0,00	-	-	-	-	-	-	-	-	-	-	-	13,47	0,59	14,41	0,00	14,41	0,00	0,00
Renewable	Minimalne razlike						-	4,28	-	-	-	0,16	0,08	-	4,71	LPG+ gas			-	4,95	0,00	4,95	0,00	0,00
H2 etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,00	0,00	0,00	0,00	0,00
Biofuel	-	-	0,00	-	-	-	-	-	-	-	-	-	-	Hydro dammed + mHE,					-	0,00	0,00	0,00	0,00	
Nuclear/CCS	-	-	-	-	Radi manje proizvodnje						-	-	-	në racuņa duplo (4.28 i 4.71)					-	0,00	0,00	0,00	0,00	
Total	1,25	-	0,88	-	-	13,55	-	4,28	-	-	-	0,16	0,08	-	4,71	-	14,25	15,74	14,06	64,69	0,01	64,70	15,46	15,64

Hydro dammed + mHE,
ne racuna duplo (4.28 i 4.71)

