

Natural gas power plants (up to 4MW)		
Name of the merchant		
Address of the power plant		
Cabinet rules applicable for the support		221
Start date of the support period (year and month)	2009	4
End date of the support period (year and month)	2019	3
Installed electrical capacity (net)	MW	3,9
Investment, in total	EUR	4 680 000
Investment for the connection to the transminion system	EUR	0
Support from funds	EUR	0
Installed thermal capacity (net)	MW	4,1
Efficiency coefficient of the station	%	75%

Benchmarks applicable to the power plant

Specific investment	Working hours	Workload	Operational costs	Other operating costs	k coefficient	Natural gas consumption group
EUR/kWe	h	sk.	EUR/MWh	%		
1200	6000	4	11,00	1,5%	0,965	5

Calculation of IRR (before application of overcompensation coefficient)															
Year		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Year of the project				0	1	2	3	4	5	6	7	8	9	10	11
Month															
Revenue, in total					2 255 765	3 379 846	3 495 602	4 314 704	4 131 085	3 783 003	3 322 147	2 564 547	2 716 072	2 898 183	744 224
Revenue from the sale of electricity within the scope of MP	EUR				1 683 572	2 499 276	2 567 799	3 184 506	3 047 460	2 895 731	2 538 432	1 951 092	2 068 560	2 127 294	546 507
Amount of the electricity sold	MWh				17 550	23 400	23 400	23 400	23 400	23 400	23 400	23 400	23 400	23 400	5 850
Price for the electricity	EUR/MWh				95,93	106,81	109,73	136,09	130,23	123,75	108,48	83,38	88,40	90,91	93,42
Subsidised electricity tax to be filled with the actual rate per month	%														
Revenue from the sale of the heat	EUR				572 193	880 570	927 803	1 130 198	1 083 625	1 032 059	910 636	711 009	750 940	770 889	197 717
Costs, in total	EUR				1 654 230	2 486 173	2 614 595	3 109 521	2 998 575	2 880 544	2 593 926	2 117 512	2 220 893	2 278 562	584 130
Personnel costs	EUR				38 988	54 864	56 640	59 376	59 904	62 880	66 192	67 008	68 016	68 016	17 256
Operational costs	EUR				193 050	254 311	264 992	271 087	271 087	272 985	273 531	274 625	280 117	287 120	73 575
Other operating costs	EUR				52 650	69 358	72 271	73 933	73 933	74 450	74 599	74 898	76 396	78 306	20 066
Price of the fuel	EUR/thsd m3				271,91	313,84	330,68	402,81	386,21	367,83	324,56	253,41	267,64	274,75	281,87
Fuel expenses	EUR				1 369 542	2 107 640	2 220 693	2 705 125	2 593 651	2 470 229	2 179 604	1 701 798	1 797 373	1 845 121	473 234
Net Cash Flow	EUR				601 535	893 673	881 006	1 205 183	1 132 510	902 459	728 221	447 034	495 179	619 621	160 093
Net Cash Flow and investment				-4 680 000	601 535	893 673	881 006	1 205 183	1 132 510	902 459	728 221	447 034	495 179	619 621	160 093
IRR					-87,1%	-49,4%	-26,4%	-9,1%	0,2%	5,1%	8,0%	9,3%	10,5%	11,7%	12,0%

Coefficient of overcompensation	0,675	
Coefficient of overcompensation applicable from:	2017	3
IRR before application of overcompensation coefficient	11,98%	
IRR after application of overcompensation coefficient	9,00%	

Calculation of IRR (after application of overcompensation coefficient)															
Year		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Year of the project				0	1	2	3	4	5	6	7	8	9	10	11
Month															
Revenue, in total					2 255 765	3 379 846	3 495 602	4 314 704	3 047 460	3 783 003	3 322 147	2 564 547	2 183 108	2 205 777	566 384
Revenue from the sale of electricity within the scope of MP	EUR				1 683 572	2 499 276	2 567 799	3 184 506	3 047 460	2 895 731	2 538 432	1 951 092	1 507 545	1 434 888	368 667
Amount of the electricity sold	MWh				17 550	23 400	23 400	23 400	23 400	23 400	23 400	23 400	23 400	23 400	5 850
Price for the electricity	EUR/MWh				95,93	106,81	109,73	136,09	130,23	123,75	108,48	83,38	64,42	61,32	63,02
Subsidised electricity tax	%														
Revenue from the sale of the heat	EUR				572 193	880 570	927 803	1 130 198	1 083 625	1 032 059	910 636	711 009	750 940	770 889	197 717
Costs, in total	EUR				1 654 230	2 486 173	2 614 595	3 109 521	2 998 575	2 880 544	2 593 926	2 117 512	2 220 893	2 278 562	584 130
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Net Cash Flow	EUR				601 535	893 673	881 006	1 205 183	1 132 510	902 459	728 221	447 034	-37 785	-72 785	-17 747
Net Cash Flow and investment				-4 680 000	601 535	893 673	881 006	1 205 183	1 132 510	902 459	728 221	447 034	-37 785	-72 785	-17 747
IRR					-87,1%	-49,4%	-26,4%	-9,1%	0,2%	5,1%	8,0%	9,3%	9,2%	9,0%	9,0%