

Biogāzes elektrostacijas (līdz 2MW un saskaņā ar 262.noteik.)		
Name of the merchant		
Address of the power plant		
Cabinet rules applicable for the support		262
Start date of the support period (year and month)	2010	1
End date of the support period (year and month)	2029	12
Installed electrical capacity (net)	MW	0,795
Investment, in total	EUR	3 021 000
Investment for the connection to the transminion system	EUR	0
Support from funds	EUR	981 898
Installed thermal capacity (net)	MW	0,776
Efficiency coefficient of the station	%	75%

Benchmarks applicable to the power plant

Specific investment	Working hours (starting from 2017.g)	Workload	Operational and other operating costs	k coefficient	Natural gas consumption group	Landfill gas station?
EUR/kWe	h	sk.	%			Yes/No (JA/NĒ)
3800	6800	5	6,3%	1,072	4	Nē

Calculation of IRR (before application of overcompensation coefficient)																										
Year		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Year of the project					0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Month																										
Revenue, in total						668 226	669 370	946 777	881 234	991 499	1 075 676	1 076 050	1 135 389	1 192 362	1 194 926	978 900	980 823	982 780	984 770	986 795	988 853	990 978	993 138	871 609	871 609	
Revenue from the sale of electricity within the scope of MP	EUR					640 897	640 897	881 234	881 234	961 346	1 041 458	1 041 458	1 089 525	1 089 525	1 089 525	871 609	871 609	871 609	871 609	871 609	871 609	871 609	871 609	871 609	871 609	
Amount of the electricity sold	MWh					3 180	3 180	4 373	4 373	4 770	5 168	5 168	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	
Price for the electricity	EUR/MWh					201,54	201,54	201,54	201,54	201,54	201,54	201,54	201,54	201,54	201,54	201,54	161,23	161,23	161,23	161,23	161,23	161,23	161,23	161,23	161,23	
Subsidised electricity tax to be filled with the actual rate per month	%																									
Revenue from the sale of the heat	EUR					27 329	28 472	65 543	65 543	78 221	90 630	91 005	100 340	102 837	105 401	107 290	109 214	111 170	113 161	115 185	117 243	119 369	121 528	123 721	125 948	
Support from funds	EUR				589 139	392 759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Costs, in total						485 127	504 808	608 663	609 323	647 119	682 836	685 289	717 005	734 046	751 503	765 004	778 719	792 709	806 915	821 399	836 102	851 228	866 636	882 207	898 122	
Personnel costs	EUR					68 580	70 800	74 220	74 880	78 600	82 740	82 740	83 760	85 020	86 280	87 840	89 400	91 020	92 640	94 320	96 000	97 740	99 540	101 280	103 140	
Operational and other operating costs	EUR					190 323	198 317	202 878	202 878	204 298	204 707	205 525	209 636	214 877	220 249	224 213	228 249	232 358	236 540	240 798	245 132	249 544	254 036	258 609	263 264	
Price of the fuel	EUR/MWh					27,00	28,13	28,78	28,78	28,98	29,04	29,16	29,74	30,48	31,24	31,80	32,37	32,95	33,54	34,14	34,75	35,38	36,02	36,67	37,33	
Fuel expenses	EUR					226 224	235 692	331 565	331 565	364 221	395 389	397 023	423 609	434 149	444 974	452 951	461 070	469 331	477 735	486 281	494 970	503 943	513 059	522 318	531 719	
Net Cash Flow						575 858	164 561	338 114	337 454	344 381	392 840	390 762	418 385	458 316	443 423	213 896	202 104	190 071	177 856	165 396	152 751	139 751	126 502	113 124	99 435	
Net Cash Flow and investment					-2 431 861	575 858	164 561	338 114	337 454	344 381	392 840	390 762	418 385	458 316	443 423	213 896	202 104	190 071	177 856	165 396	152 751	139 751	126 502	113 124	99 435	
IRR						-76,3%	-59,6%	-34,1%	-19,6%	-10,3%	-3,4%	1,2%	4,6%	7,3%	9,1%	9,9%	10,4%	10,9%	11,2%	11,5%	11,7%	11,9%	12,0%	12,1%	12,2%	

Coefficient of overcompensation	0,075	
Coefficient of overcompensation applicable from:	2017	3
IRR before application of overcompensation coefficient	12,20%	
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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Year of the project					0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Month																									
Revenue, in total						668 226	669 370	946 777	881 234	991 499	1 075 676	1 076 050	1 027 967	1 056 672	1 059 236	870 401	872 325	874 281	876 272	878 296	880 354	882 480	884 639	763 111	763 111
Revenue from the sale of electricity within the scope of MP	EUR					640 897	640 897	881 234	881 234	961 346	1 041 458	1 041 458	976 450	953 835	953 835	763 111	763 111	763 111	763 111	763 111	763 111	763 111	763 111	763 111	763 111
Amount of the electricity sold	MWh					3 180	3 180	4 373	4 373	4 770	5 168	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406	5 406
Price for the electricity	EUR/MWh					201,54	201,54	201,54	201,54	201,54	201,54	201,54	180,63	176,44	176,44	141,16	141,16	141,16	141,16	141,16	141,16	141,16	141,16	141,16	141,16
Subsidised electricity tax	%																								
Revenue from the sale of the heat	EUR					27 329	28 472	65 543	65 543	78 221	90 630	91 005	100 340	102 837	105 401	107 290	109 214	111 170	113 161	115 185	117 243	119 369	121 528	123 721	125 948
Support from funds	EUR				589 139	392 759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Costs, in total						485 127	504 808	608 663	609 323	647 119	682 836	685 289	717 005	734 046	751 503	765 004	778 719	792 709	806 915	821 399	836 102	851 228	866 636	882 207	898 122
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Operational and other operating costs	EUR					190 323	198 317	202 878	202 878	204 298	204 707	205 525	209 636	214 877	220 249	224 213	228 249	232 358	236 540	240 798	245 132	249 544	254 036	258 609	263 264
Price of the fuel	EUR/MWh					27,00	28,13	28,78	28,78	28,98	29,04	29,16	29,74	30,48	31,24	31,80	32,37	32,95	33,54	34,14	34,75	35,38	36,02	36,67	37,33
Fuel expenses	EUR					226 224	235 692	331 565	331 565	364 221	395 389	397 023	423 609	434 149	444 974	452 951	461 070	469 331	477 735	486 281	494 970	503 943	513 059	522 318	531 719
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IRR						-76,3%	-50,6%	-34,1%	-19,6%	-10,3%	-3,4%	1,2%	3,8%	5,9%	7,4%	7,9%	8,2%	8,5%	8,7%	8,8%	8,9%	9,0%	9,0%	9,0%	9,0%