

Template for Member States for submission of an application pursuant to Article 10c(5) of Directive 2003/87/EC

Version 1.2

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A. Eligibility of Member State

Member State:

EE

Article 10c(1) of Directive 2003/87/EC lists the following three conditions out of which at least one would need to be met by a Member State eligible for the option for transitional free allocation:

a) in 2007, the national electricity network was not directly or indirectly connected to the network interconnected system operated by the Union for the Coordination of Transmission of Electricity (UCTE);

b) in 2007, the national electricity network was only directly or indirectly connected to the network operated by UCTE through a single line with a capacity of less than 400 MW;

c) in 2006, more than 30% of electricity was produced from a single fossil fuel, and the GDP per capita at market price did not exceed 50% of the average GDP per capita at market price of the Community.

Applicable?
No
Yes
Yes

B.1.a. Company groups

Company group (short name)	Company group (full name)	Address of company group
EE	Eesti Energia	Laki 24, Tallinn, 12915
VKG	Viru Keemia Grupp	Järveküla tee 14, 30328 Kohtla-Järve, Estonia
KK	Kivioli Keemiatootuse OU	Turu 3, 43125, Kiviõli
SIL	AS Sillamae SEJ	Kesk 2, 40231 Sillamäe
ANNE	AS Anne Soojus	Lohkva küla, Luunja vald, Tartumaa
FT	Fortum Eesti AS	Löötsa 2b, 11415 Tallinn
PSOOJ	Põlva Soojus	Käisi 11, Põlva

B.1.b. Operators

Operator (short name)	Operator (full name)	Address of operator	Company group
ANNESOOJ	AS Anne Soojus	Lohkva küla, Luunja vald, Tartumaa	ANNE
IRU-EE	Eesti Energia AS-i Iru Elektriijaam	Peterburi tee 105, 74114, Maardu	EE
NARVA-EE	AS Narva Elektriijaamad	Auvere küla, Vaivara vald, 40101, Ida-Virumaa	EE
FORTUM-PARNU	Fortum Eesti AS	Löötsa 2b, 11415 Tallinn	FT
KIVIOLI-KEEM	Kivioli Keemiatootuse OU	Turu 3, 43125, Kiviõli	KK
PSOOJUS	Põlva Soojus	Käisi 11, Põlva	PSOOJ
SILLMAE	AS Sillamae SEJ	Kesk 2, 40231 Sillamäe	SIL
VKG-SOOJUS	OU VKG Soojus	Riitsika 1, 31027 Kohtla-Järve	VKG
VKG-ENERGIA	OU VKG Energia	Järveküla tee 14, 30328 Kohtla-Järve	VKG

B.1.c. Installations

Installation number	Installation name	Permit number	Operator	Company group	Electricity generator?	CHP?	Installations in operation by 31 December 2008										Explanation in case calculation method for emissions split is not in line with Annex IIA	Enumerations of evidence provided		
							VE 2005		VE 2006		VE 2007		VE 2008		VE 2009				VE 2010	
							Total	Eligible	Total	Eligible	Total	Eligible	Total	Eligible	Total	Eligible			Total	Eligible
							11 152 205	9 879 670	10 472 227	9 176 931	13 306 253	11 991 784	11 413 773	10 172 658	9 250 457	8 170 661	13 226 224	12 073 396		
EE-001	Balti Elektriijaam	KL-0015	NARVA-EE	EE	Yes	Yes	2 253 587	1 911 761	1 551 856	1 254 559	2 725 047	2 445 474	1 971 239	1 715 360	1 263 972	1 021 067	2 859 684	2 598 234	Article 10a methodology was used	
EE-002	Eesti Elektriijaam	KL-0016	NARVA-EE	EE	Yes	Yes	7 710 803	7 659 744	7 698 104	7 647 168	9 371 582	9 322 595	8 282 592	8 231 438	7 036 332	6 986 332	9 293 785	9 241 699	Article 10a methodology was used	
EE-003	Iru Elektriijaam	KL-0022	IRU-EE	EE	Yes	Yes	373 270	112 989	371 992	110 820	302 229	65 830	313 860	78 481	158 758	2 950	220 107	52 706	Article 10a methodology was used	
EE-004	Ahtme Elektriijaam	KL-0020	VKG-SOOJUS	VKG	Yes	Yes	190 257	37 676	187 773	31 768	183 832	22 325	157 763	21 170	146 133	18 751	162 792	21 836	Article 10a methodology was used	
EE-005	VKG Energia OÜ Põhja	KL-0026	VKG-ENERGIA	VKG	Yes	Yes	133 570	32 439	259 608	37 013	303 513	35 086	291 602	34 404	270 563	37 145	301 166	52 284	Article 10a methodology was used	
EE-006	VKG Energia OÜ Lõuna	KL-0001	VKG-ENERGIA	VKG	Yes	Yes	206 823	7 829	161 373	3 067	164 662	2 554	165 873	3 773	152 679	17 706	151 820	11 190	Article 10a methodology was used	
EE-007	Kiviõli Keemiatööstuse	KL-0037	KIVIOLI-KEEM	KK	Yes	Yes	130 843	56 692	108 988	48 734	122 400	53 954	104 121	46 585	105 393	45 612	114 282	51 084		
EE-008	Sillamäe SEJ	KL-0029	SILLMAE	SIL	Yes	Yes	153 052	60 540	132 533	43 801	132 988	43 966	126 723	41 446	116 627	41 098	122 588	44 363		
EE-009	Anne katlamaja koost	KL-0048	ANNESOOJ	ANNE	Yes	Yes	0	0	0	0	0	0	0	0	0	0	0	0	Permits of construction	
EE-010	Pärnu KTJ	KL-0050	FORTUM-PARNU	FT	Yes	Yes	0	0	0	0	0	0	0	0	0	0	0	0	Permits of construction	
EE-011	Põlva KTJ	KL-0053	PSOOJUS	PSOOJ	Yes	Yes	0	0	0	0	0	0	0	0	0	0	0	0	Documents of purchase of the unit	

B.2. Total quantity

	2005	2006	2007	Average 2005-2007
FEC	6 040	6 490	6 795	6 441,67
M _{NET}	0	0	0	0,00
TGEP	10 205	9 732	12 190	10 709,00
TDL	1 103	1 077	1 354	1 178,00
C _{EG}	1 091	1 003	1 236	1 110,00

GFNC ₀₅₋₀₇	7 818
TGEP ₀₅₋₀₇	10 709
GFNC ratio	0,730034744
AAQE ^{EL} ₀₅₋₀₇	10 349 462

Year	2013	2014	2015	2016	2017	2018	2019	2020
Variable a	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0
TQFA	5 288 827	4 533 280	3 777 733	3 022 187	2 266 640	1 511 093	755 547	0

B.3.1. Allocation based on VE

Installation number	Installation name	Permit number	Operator	Company group	Verified emissions		Adjustment				Preliminary transitional free allocation	Actual transitional free allocation								
					2005-2007	2008-2010	Change between 05-07 and 08-10		Change compared to 05-07	Difference to average change		Intermediate result	2013	2014	2015	2016	2017	2018	2019	2020
							Relative	Absolute					0,509	0,436	0,364	0,291	0,218	0,145	0,073	0,000
					10 349 462	10 138 905	97,97%	210 557	2,03%	0,00%	10 349 462	10 138 905	5 160 970	4 423 686	3 686 407	2 949 125	2 211 845	1 474 561	737 283	0
EE-001	Balti Elektriijaam	KL-0015	NARVA-EE	EE	1 870 598	1 778 220	95,06%	92 378	4,94%	2,90%	1 924 919	1 885 757	959 900	822 771	685 643	548 514	411 386	274 257	137 129	0
EE-002	Eesti Elektriijaam	KL-0016	NARVA-EE	EE	8 209 836	8 153 156	99,31%	56 679	0,69%	-1,34%	8 099 488	7 934 706	4 038 974	3 461 977	2 884 981	2 307 985	1 730 989	1 153 992	576 997	0
EE-003	Iru Elektriijaam	KL-0022	IRU-EE	EE	96 546	44 712	46,31%	51 834	53,69%	51,65%	146 416	143 437	73 013	62 583	52 152	41 722	31 291	20 861	10 430	0
EE-004	Ahtme Elektriijaam	KL-0020	VKG-SOOJUS	VKG	30 590	20 586	67,30%	10 004	32,70%	30,67%	39 971	39 158	19 933	17 085	14 238	11 390	8 543	5 695	2 848	0
EE-005	VKG Energia OÜ Põhja	KL-0026	VKG-ENERGIA	VKG	34 846	41 278	118,46%	-6 431	-18,46%	-20,49%	27 706	27 142	13 816	11 842	9 869	7 895	5 921	3 947	1 974	0
EE-006	VKG Energia OÜ Lõuna	KL-0001	VKG-ENERGIA	VKG	4 483	10 890	242,89%	-6 406	-142,89%	-144,92%	-2 014	-1 973	-1 004	-861	-717	-574	-430	-287	-143	0
EE-007	Kiviõli Keemiatööstuse	KL-0037	KIVIOLI-KEEM	KK	53 127	47 761	89,90%	5 366	10,10%	8,07%	57 412	56 244	28 630	24 540	20 450	16 360	12 270	8 180	4 090	0
EE-008	Sillamäe SEJ	KL-0029	SILLMAE	SIL	49 436	42 302	85,57%	7 133	14,43%	12,40%	55 563	54 433	27 708	23 749	19 791	15 833	11 875	7 916	3 958	0

B.3.2. Allocation based on BM

Installation number	Installation name	Permit number	Operator	Company group	Benchmark value		Production data			Preliminary transitional free allocation	Actual transitional free allocation							
					Union-wide		Capacity	Load factor	Relevant production		2013	2014	2015	2016	2017	2018	2019	2020
											0,509	0,436	0,364	0,291	0,218	0,145	0,073	0,000
										251 182	127 859	109 592	91 327	73 062	54 797	36 530	18 266	0
EE-009	Anne katlamaja koostootmisjaam	KL-0048	ANNESOOJ	ANNE	0,6408		25	8 300	205 840	131 902	67 142	57 550	47 958	38 367	28 775	19 183	9 592	0
EE-010	Pärnu KTJ	KL-0050	FORTUM-PARNU	FT	0,6408		24	7 582	178 926	114 656	58 363	50 025	41 688	33 350	25 013	16 675	8 338	0
EE-011	Põlva KTJ	KL-0053	PSOOJUS	PSOOJ	0,6408		1	7 826	7 216	4 624	2 354	2 017	1 681	1 345	1 009	672	336	0

Correction factor

Total preliminary transitional free allocation based on BM	251 182
Total preliminary transitional free allocation based on VE	10 138 905
Total combined preliminary transitional free allocation	10 390 087

Year	2013	2014	2015	2016	2017	2018	2019	2020
Total quantity of transitional free allocation	5 288 827	4 533 280	3 777 733	3 022 187	2 266 640	1 511 093	755 547	0
Correction factor	0,509	0,436	0,364	0,291	0,218	0,145	0,073	0,000

C.1. Investments

Investment number	Operator	Company group	Investment undertaken from 25 June 2009?	Year of actual / anticipated investment	Type (Annex V)	Description	Value		Compliance with principles										
							Currency: EUR		Principle 1	Principle 2	Principle 3 (sentence 1)	Principle 3 (sentence 2)	Principle 4 (sentence 1)	Principle 4 (sentence 2)	Principle 5	Principle 6	In case one of more principles are <u>not</u> complied with, please provide detailed reasons as to why		
							Exchange rate (1 EUR =):	EUR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes
							858 571 223	858 571 223 €											
EE-\$-0001	NARVA-EE	EE	Yes	2011	A	New oil-shale and biomass using unit nr. 1	303 099 039	303 099 039 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0002	IRU-EE	EE	Yes	2012	A	New oil-shale and biomass using unit nr. 2	470 000 000	470 000 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0003	ANNESOOJ	ANNE	Yes	2012	A	New 105 MW natural gas boiler house and building costs of the necce	10 400 000	10 400 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0004	KIVIOLI-KEEM	KK	Yes	2011	C	New natural gas boiler	6 500 000	6 500 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0005	KIVIOLI-KEEM	KK	Yes	2009	B	Investments to modernise the electricity production	8 264 000	8 264 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0006	SILLMAE	SIL	Yes	2011	D	Investments for modernisation of the installation – boiler nr. 2	2 428 311	2 428 311 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0007	SILLMAE	SIL	Yes	2012	D	Investments for modernisation of the installation – boiler nr. 1	1 878 311	1 878 311 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0008	SILLMAE	SIL	Yes	2009	B	Modernisation of the electricity system	6 844 562	6 844 562 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0009	FORTUM-PARNU	FT	Yes	2013	D	Construction of a bio fuel / natural gas boiler	2 500 000	2 500 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0010	FORTUM-PARNU	FT	Yes	2018	C	Installation of smoke condenser	3 500 000	3 500 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0011	PSOOJUS	PSOOJ	Yes	2011	B	Renovation of the natural gas CHP	157 000	157 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0012	VKG-SOOJUS	VKG	Yes	2014	B	New high pressure cogeneration block	26 000 000	26 000 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
EE-\$-0013	VKG-ENERGIA	VKG	Yes	2009	B	New 27 MW cogeneration-condensing steam turbine	17 000 000	17 000 000 €	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		

C.3. Balance

Operator	Value of investments	Balance between investments and allocation	Actual transitional free allocation (2013-2020)		Actual transitional free allocation															
					2013		2014		2015		2016		2017		2018		2019		2020	
			Market value	Allocation	Market value	Allocation	Market value	Allocation	Market value	Allocation	Market value	Allocation	Market value	Allocation	Market value	Allocation	Market value	Allocation	Market value	Allocation
	858 571 223 €	489 486 612 €	369 084 612 €	21 155 310	76 688 021 €	5 288 829	65 732 531 €	4 533 278	75 554 680 €	3 777 734	60 443 740 €	3 022 187	45 332 840 €	2 266 642	30 221 820 €	1 511 091	15 110 980 €	755 549	0 €	0
ANNESOOJ	10 400 000 €	5 714 466 €	4 685 534 €	268 567	973 559 €	67 142	834 475 €	57 550	959 160 €	47 958	767 340 €	38 367	575 500 €	28 775	383 660 €	19 183	191 840 €	9 592	0 €	0
IRU-EE	470 000 000 €	464 904 738 €	5 095 262 €	292 052	1 058 689 €	73 013	907 454 €	62 583	1 043 040 €	52 152	834 440 €	41 722	625 820 €	31 291	417 220 €	20 861	208 600 €	10 430	0 €	0
NARVA-EE	303 099 039 €	-45 750 940 €	348 849 979 €	19 995 495	72 483 673 €	4 998 874	62 128 846 €	4 284 748	71 412 480 €	3 570 624	57 129 980 €	2 856 499	42 847 500 €	2 142 375	28 564 980 €	1 428 249	14 282 520 €	714 126	0 €	0
FORTUM-PARNU	6 000 000 €	1 927 094 €	4 072 906 €	233 452	846 264 €	58 363	725 363 €	50 025	833 760 €	41 688	667 000 €	33 350	500 260 €	25 013	333 500 €	16 675	166 760 €	8 338	0 €	0
KIVIOLI-KEEM	14 764 000 €	12 766 035 €	1 997 965 €	114 520	415 135 €	28 630	355 830 €	24 540	409 000 €	20 450	327 200 €	16 360	245 400 €	12 270	163 600 €	8 180	81 800 €	4 090	0 €	0
PSOOJUS	157 000 €	-7 240 €	164 240 €	9 414	34 133 €	2 354	29 247 €	2 017	33 620 €	1 681	26 900 €	1 345	20 180 €	1 009	13 440 €	672	6 720 €	336	0 €	0
SILLMAE	11 151 184 €	9 217 598 €	1 933 587 €	110 830	401 766 €	27 708	344 361 €	23 749	395 820 €	19 791	316 660 €	15 833	237 500 €	11 875	158 320 €	7 916	79 160 €	3 958	0 €	0
VKG-SOOJUS	26 000 000 €	24 608 959 €	1 391 041 €	79 732	289 029 €	19 933	247 733 €	17 085	284 760 €	14 238	227 800 €	11 390	170 860 €	8 543	113 900 €	5 695	56 960 €	2 848	0 €	0
VKG-ENERGIA	17 000 000 €	16 105 902 €	894 099 €	51 248	185 774 €	12 812	159 225 €	10 981	183 040 €	9 152	146 420 €	7 321	109 820 €	5 491	73 200 €	3 660	36 620 €	1 831	0 €	0