

Bulgaria's National Inventory Report 2012 – Submission under UNFCCC and under the Kyoto Protocol

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Anthracite

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Supply, Transformation and End-Use Sectors																					
Indigenous Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Underground Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surface Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Oil																					
From Other Sources - Natural Gas																					
From Other Sources - Renewables																					
Total Imports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 503	1 336	1 300	2 189	2 784	1 249	1 374
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-225	96	247	-104	-628	92	276
Inland Consumption (Calculated)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 277	1 432	1 547	2 085	2 156	1 335	1 650
Statistical Differences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-8	-22	-39	8	25	3
Transformation Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 046	1 206	1 361	1 829	1 883	1 129	1 421
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 046	1 206	1 308	1 729	1 729	1 010	1 343
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	41	154	119	75
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	0
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas																					
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
Patent Fuel Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	11	10
Total Final Consumption	0	0	0	0	0	0	0	0	0	0	0	0	0	0	231	234	205	295	253	170	216
Total Non-Energy Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use Industry/Transformation/Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Of which: Non-Energy Use-Chemical/Petrochemical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Final Energy Consumption	0	0	0	0	0	0	0	0	0	0	0	0	0	0	231	234	205	295	253	170	216
Industry Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230	227	205	295	253	167	214
Iron and Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	40	26	14	16	13	12
Chemical (including Petrochemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	125	110	115	119	121	79	114	114
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	0	0	0	0	0	0	0	0	0	0	92	70	60	134	90	65	87	87
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	3	2	18	9	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
Non-specified (Industry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	3	2
Commercial and Public Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	1	0
Agriculture/Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calorific Values																					
Production (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24 916	0	0	0	0
Imports (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26 044	25 688	26 162	25 094	23 864	26 444	26 053
Imports (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24 804	24 465	24 916	23 899	22 728	25 185	24 812
Exports (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26 033	0	0	0	0	23 223	0
Exports (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24 793	0	0	0	0	22 117	0
Used in coke ovens (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in coke ovens (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in blast furnaces (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in blast furnaces (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in Main Activity Plants (gross)	0	0	0																		

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Coking Coal

[illegible]

Bulgaria's National Inventory Report 2012 – Submission under UNFCCC and under the Kyoto Protocol

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Other Bituminous Coal

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Supply, Transformation and End-Use Sectors																					
Indigenous Production	143	67	237	263	173	194	138	102	92	122	118	110	94	51	33	9	27	35	41	38	26
Underground Production	143	67	237	263	173	194	138	102	92	122	118	110	94	51	33	9	27	35	41	38	26
Surface Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0	93	22
From Other Sources - Oil																					
From Other Sources - Natural Gas																					
From Other Sources - Renewables																					
Total Imports (Balance)	3 936	3 595	2 531	2 977	1 834	1 719	2 275	2 034	2 379	1 649	2 129	2 697	2 766	2 752	1 996	1 709	1 654	1 912	2 209	1 533	1 403
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	1	27	0	46
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	113	-136	5	405	330	-163	-396	293	-71	350	-193	70	-331	177	-212	160	84	-46	-176	16	101
Inland Consumption (Calculated)	4 192	3 526	2 773	3 645	2 337	1 750	2 017	2 429	2 400	2 121	2 054	2 877	2 529	2 976	1 814	1 878	1 765	2 080	2 047	1 680	1 506
Statistical Differences	0	-81	-143	-142	-122	-73	-19	-33	23	75	-24	94	-2	-5	0	13	2	3	-3	-1	-2
Transformation Sector	3 897	3 484	2 642	3 607	2 250	1 688	1 911	2 115	2 120	1 745	1 747	2 360	2 137	2 433	1 372	1 402	1 305	1 561	1 639	1 419	1 141
Main Activity Producer Electricity Plants	0	0	582	404	124	245	311	1 121	1 058	837	678	1 258	1 030	1 212	43	108	58	170	288	194	87
Main Activity Producer CHP Plants	3 543	2 707	1 498	2 602	1 505	876	859	881	887	732	912	990	950	792	1 125	1 087	1 040	1 039	1 338	1 156	1 015
Main Activity Producer Heat Plants	0	0	0	7	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	354	621	481	552	572	540	723	100	155	176	157	112	157	429	194	207	207	172	13	8	0
Autoproducer Heat Plants	0	156	81	42	46	25	18	13	20	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0	61	17
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0
Coal Liquefaction Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas																					
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	2	0	1	2	0	0	0	4	4	4	2	1	1	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	2	0	1	2	0	0	0	4	4	4	2	1	1	0	0	0	0	0	0	0	0
Patent Fuel Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	7
Total Final Consumption	293	123	272	178	209	135	125	343	253	297	329	422	393	548	442	463	458	512	411	262	360
Total Non-Energy Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use Industry/Transformation/Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Of which: Non-Energy Use-Chemical/Petrochen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Final Energy Consumption	293	123	272	178	209	135	125	343	253	297	329	422	393	548	442	463	458	512	411	262	360
Industry Sector	159	71	57	79	132	131	120	336	250	295	328	420	348	376	256	235	194	248	162	72	106
Iron and Steel	10	2	0	0	30	24	19	0	1	18	3	7	5	13	0	0	0	0	0	0	0
Chemical (including Petrochemical)	25	6	14	10	14	15	14	153	109	106	106	104	29	44	0	1	0	0	0	0	0
Non-Ferrous Metals	3	0	1	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
Non-Metallic Minerals	81	48	39	62	80	82	66	45	59	103	159	262	174	246	163	134	82	131	135	56	90
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	30	7	1	3	1	4	2	3	2	0	1	0	0	0	1	2	2	2	5	1	1
Mining and Quarrying	0	0	0	0	0	15	6	9	9	14	6	5	6	0	0	2	0	0	0	0	0
Food, Beverages and Tobacco	3	1	1	1	1	1	1	44	30	52	41	37	45	31	36	35	40	17	18	13	13
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	83	32	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Construction	2	2	1	2	2	2	2	0	3	5	1	2	2	1	0	0	0	1	0	0	0
Textiles and Leather	2	2	0	0	1	0	1	8	2	1	3	2	2	3	2	2	3	2	1	1	1
Non-specified (Industry)	3	3	0	1	0	0	0	77	35	1	0	0	3	0	54	61	65	96	0	0	0
Transport Sector	0	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sectors	134	49	212	97	76	3	4	7	3	2	1	2	45	172	186	228	264	264	249	190	254
Commercial and Public Services	11	2	1	3	2	2	3	3	0	0	0	0	3	5	5	7	8	2	5	3	3
Residential	107	35	205	92	73	0	0	0	0	0	0	0	42	167	178	216	249	250	237	184	247
Agriculture/Forestry	15	12	6	2	1	1	1	3	1	0	0	0	0	0	3	5	7	12	7	3	4
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Other)	1	0	0	0	0	0	0	1	2	2	1	2	0	0	0	0	0	0	0	0	0
Calorific Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production (gross)	0	0	0	0	20 883	20 859	21 212	22 397		18 681	16 757	17 507	17 906	17 856	18 707	19 801	20 540	16 007	17 856	18 242	17 599
Production (net)	0	17 117	16 918	17 809	19 889	19 866	20 202	21 277	19 512	17 747	15 919	16 673	17 053	17 006	17						

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ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Sub-bituminous Coal

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Supply, Transformation and End-Use Sectors																					
Indigenous Production	0	3 092	3 352	3 419	3 155	3 187	3 060	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Underground Production	0	3 092	3 352	3 419	3 155	3 187	3 060	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surface Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Oil																					
From Other Sources - Natural Gas																					
From Other Sources - Renewables																					
Total Imports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	0	67	-165	-21	180	7	-171	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Consumption (Calculated)	0	3 159	3 187	3 398	3 335	3 194	2 889	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Statistical Differences	0	6	-11	51	86	122	-105	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transformation Sector	0	2 643	2 633	2 809	2 816	2 669	2 391	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Electricity Plants	0	1 606	1 564	1 826	1 996	1 757	1 450	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	955	1 003	939	781	865	894	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Heat Plants	0	78	66	44	39	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas																					
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	17	11	13	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	17	11	13	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	0	510	548	527	420	388	588	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Non-Energy Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use Industry/Transformation/Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Of which: Non-Energy Use-Chemical/Petrochemical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Final Energy Consumption	0	510	548	527	420	388	588	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	0	128	108	73	77	80	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron and Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical (including Petrochemical)	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Ferrous Metals	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	92	92	59	64	68	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	2	2	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	3	1	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	12	10	10	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	1	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	0	4	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Sector	0	10	7	8	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	10	7	8	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sectors	0	372	433	446	338	304	512	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial and Public Services	0	4	9	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	322	362	373	292	253	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture/Forestry	0	10	9	3	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Other)	0	36	53	67	40	47	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calorific Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production (gross)	0	0	0	0	12 162	12 114	12 225	22 397	0	18 681	0	0	0	0	0	0	0	0	0	0	0
Production (net)	0	0	11 669	11 776	11 583	11 537	11 643	21 277	0	17 747	0	0	0	0	0	0	0	0	0	0	0
Imports (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Imports (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exports (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exports (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in coke ovens (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in coke ovens (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in blast furnaces (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in blast furnaces (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in Main Activity Plants (gross)	0	0	0	0	10 937	10 940	10 602	22 389	0	18 489</											

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Lignite/Brown Coal

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ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Coke Oven Coke

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Supply, Transformation and End-Use Sectors																					
Indigenous Production	1 293	653	730	794	1 049	1 237	1 087	1 165	868	749	898	797	761	846	832	743	669	525	335	0	0
Underground Production																					
Surface Production																					
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
From Other Sources - Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	96	123	41	12	67	112	141	153	196	223	199	209	152	250	156	114	171	273	102	71	69
Total Exports (Balance)	72	7	71	4	2	3	6	5	12	20	181	0	32	0	44	21	2	1	0	0	1
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	-82	99	15	-9	32	-24	20	-12	11	-40	8	-2	45	-48	20	10	-9	21	0	-8	5
Inland Consumption (Calculated)	1 235	868	715	793	1 146	1 322	1 242	1 301	1 063	912	924	1 004	926	1 048	964	846	829	818	437	63	75
Statistical Differences	59	52	-13	5	-2	-4	23	-9	-39	15	-6	29	17	-20	45	17	14	0	-1	-2	3
Transformation Sector	335	464	469	539	817	923	833	981	800	722	736	688	623	771	654	677	677	613	302	0	0
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	335	464	469	539	817	923	833	981	800	722	736	688	623	771	654	677	677	613	302	0	0
Coal Liquefaction Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas																					
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	841	352	259	249	331	403	386	329	302	175	194	287	286	297	265	152	138	205	136	65	72
Total Non-Energy Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use Industry/Transformation/Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Of which: Non-Energy Use-Chemical/Petrochemical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Final Energy Consumption	841	352	259	249	331	403	386	329	302	175	194	287	286	297	265	152	138	205	136	65	72
Industry Sector	841	352	259	249	331	403	386	329	302	175	194	287	286	297	265	152	138	205	136	65	72
Iron and Steel	557	115	117	135	204	231	208	170	137	28	25	109	144	166	165	92	89	147	87	21	26
Chemical (including Petrochemical)	132	133	61	33	51	87	96	85	81	69	95	115	99	85	25	7	0	0	0	0	0
Non-Ferrous Metals	77	61	61	62	63	72	72	70	81	72	69	59	39	42	71	48	46	55	46	42	45
Non-Metallic Minerals	0	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	57	29	13	13	10	11	8	3	2	3	2	2	2	2	2	1	2	1	1	1	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	8	10	5	3	2	2	1	1	1	3	3	0	2	2	3	3	2	2	2	2	1
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	10	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial and Public Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture/Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calorific Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production (gross)	0	0	0	0	31 547	31 295	31 170	0	0	0	31 652	31 652	31 652	31 652	28 794	28 634	31 185	29 925	29 925	0	0
Production (net)	31 059	26 380	26 380	31 059	30 045	29 804	29 686	29 031	29 171	29 310	30 145	30 145	30 145	30 145	27 423	27 270	29 700	28 500	28 500	0	0
Imports (gross)	0	0	0	0	31 082	31 653	31 434	0	0	0	30 218	30 765	30 776	30 776	28 794	28 634	31 185	29 925	29 925	29 925	29 925
Imports (net)	31 059	26 380	26 380	31 059	29 602	30 146	29 937	29 031	29 171	29 310	28 707	29 300	29 310	29 310	27 423	27 270	29 700	28 500	28 500	28 500	28 500
Exports (gross)	0	0	0	0	31 082	31 653	31 434	0	0	0	30 219	30 765	30 776	30 776	28 794	28 634	31 185	29 925	0	0	29 925
Exports (net)	31 059	26 380	26 380	31 059	29 602	30 146	29 937	29 031	29 171	29 310	28 708	29 300	29 310	29 310	27 423	27 270	29 700	28 500	0	0	28 500

Bulgaria's National Inventory Report 2012 – Submission under UNFCCC and under the Kyoto Protocol

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Coal Tar

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Supply, Transformation and End-Use Sectors																					
Indigenous Production	0	0	0	0	0	0	0	73	77	51	36	36	35	36	35	28	27	20	15	0	0
Underground Production																					
Surface Production																					
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Consumption (Calculated)	0	0	0	0	0	0	0	73	77	51	36	36	35	36	35	28	27	20	15	0	0
Statistical Differences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	1	0	0
Transformation Sector	0	0	0	0	0	0	0	27	38	19	13	11	10	11	11	9	7	6	4	0	0
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	0	0	0	0	0	0	27	38	19	13	11	10	11	11	9	7	6	4	0	0
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas																					
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	0	0	0	0	0	0	0	46	39	32	23	25	25	25	24	20	20	14	10	0	0
Total Non-Energy Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use Industry/Transformation/Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Of which: Non-Energy Use-Chemical/Petrochemical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Final Energy Consumption	0	0	0	0	0	0	0	46	39	32	23	25	25	25	24	20	20	14	10	0	0
Industry Sector	0	0	0	0	0	0	0	46	39	32	23	25	25	25	24	20	20	14	10	0	0
Iron and Steel	0	0	0	0	0	0	0	46	39	32	23	25	25	25	24	20	20	14	10	0	0
Chemical (including Petrochemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial and Public Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture/Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calorific Values																					
Production (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35 024	33 674	36 267	39 585	37 655	0	0
Production (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33 356	32 070	34 540	37 700	35 862	0	0
Imports (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Imports (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exports (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exports (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in coke ovens (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in coke ovens (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in blast furnaces (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in blast furnaces (net)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in Main Activity Plants (gross)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used in Main Activity Plants (net)	0																				

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: BKB/PB

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in TJ - COAL: Coke Oven Gas

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Supply, Transformation and End-Use Sectors																					
Indigenous Production	10 099	5 392	6 274	6 829	8 264	9 381	8 256	8 663	6 813	6 716	8 033	5 934	5 966	6 577	6 222	5 501	4 760	3 866	2 151	0	0
Underground Production																					
Surface Production																					
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Consumption (Calculated)	10 099	5 392	6 274	6 829	8 264	9 381	8 256	8 663	6 813	6 716	8 033	5 934	5 966	6 577	6 222	5 501	4 760	3 866	2 151	0	0
Statistical Differences	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	1	0	0
Transformation Sector	2 997	1 070	1 424	2 256	2 354	2 476	2 450	1 045	868	581	887	593	483	439	538	409	313	208	72	0	0
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	2 997	1 070	1 424	2 256	2 354	2 476	2 450	1 045	868	581	887	593	483	439	538	409	313	208	72	0	0
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKB Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	5 516	2 898	3 392	3 622	4 485	4 777	4 268	4 737	3 679	4 112	4 480	3 454	3 624	4 160	3 821	3 542	3 108	2 717	1 740	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	5 516	2 898	3 392	3 622	4 485	4 777	4 268	4 737	3 679	3 708	4 147	3 202	3 267	3 685	3 441	3 189	2 751	2 360	1 581	0	0
BKB Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	404	333	252	357	475	380	353	357	357	159	0	0
Petroleum Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Liquefaction Plants (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	200	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	1 586	1 224	1 410	951	1 425	2 128	1 538	2 881	2 266	2 023	2 666	1 887	1 860	1 978	1 863	1 550	1 339	941	338	0	0
Total Non-Energy Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use Industry/Transformation/Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Of which: Non-Energy Use-Chemical/Petrochemical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Final Energy Consumption	1 586	1 224	1 410	951	1 425	2 128	1 538	2 881	2 266	2 023	2 666	1 887	1 860	1 978	1 863	1 550	1 339	941	338	0	0
Industry Sector	1 586	1 224	1 410	951	1 425	2 128	1 538	2 881	2 266	2 023	2 666	1 887	1 860	1 978	1 863	1 550	1 339	941	338	0	0
Iron and Steel	1 586	1 224	1 410	951	1 425	2 128	1 538	2 881	2 266	2 023	2 666	1 887	1 860	1 978	1 863	1 550	1 339	941	338	0	0
Chemical (including Petrochemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial and Public Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture/Forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in TJ - COAL: Blast Furnace Gas

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - COAL: Crude Oil

Flow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	60	58	53	43	36	43	32	28	33	40	42	34	37	30	30	30	28	26	24	25	23
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backflows to Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Product Receipts	0	1	2	2	2	1	1	1	1	2	1	5	6	3	4	2	1	1	0	0	0
Refinery Gross Output	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inputs of Recycled Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	8 201	4 430	2 215	5 744	6 944	7 973	6 996	5 888	5 526	5 583	5 259	5 341	5 215	5 049	5 289	6 043	7 096	7 113	7 219	6 158	5 434
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interproduct Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Products Transferred	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Use	0	1	2	2	2	1	1	1	1	2	1	5	6	3	4	2	1	1	0	0	0
Stock Changes (National Territory)	27	17	151	-91	-20	-23	-74	48	18	40	29	-74	-19	-32	-33	115	-15	-39	-96	65	24
Refinery Intake (Calculated)	8 288	4 504	2 417	5 694	6 958	7 992	6 953	5 963	5 576	5 661	5 329	5 296	5 227	5 044	5 282	6 186	7 108	7 099	7 147	6 248	5 481
Gross Inland Deliveries (Calculated)	0	1	2	2	2	1	1	1	1	2	1	5	6	3	4	2	1	1	0	0	0
Statistical Differences	-6	0	-102	-1	-1	0	-1	-1	21	10	15	-55	6	7	-1	2	-2	3	1	1	6
Gross Inland Deliveries (Observed)	0	1	2	2	2	1	1	1	1	2	1	5	6	3	4	2	1	1	0	0	0
Refinery Intake (Observed)	8 294	4 504	2 519	5 695	6 959	7 992	6 954	5 964	5 555	5 651	5 314	5 351	5 221	5 037	5 283	6 184	7 110	7 096	7 146	6 247	5 475
Opening Stock Level (National Territory)	161	0	0	55	146	166	189	263	215	197	157	128	202	221	253	286	171	186	225	321	256
Closing Stock Level (National Territory)	134	0	0	146	166	189	263	215	197	157	128	202	221	253	286	171	186	225	321	256	232
Net Calorific Value of Production	0	0	0	0	0	0	0	45 220	45 219	45 326	0	45 220	44 000	0	0	0	0	0	0	0	0
Net Calorific Value of Imports	0	0	0	0	0	0	0	42 538	42 538	42 538	0	42 538	42 538	0	0	0	0	0	0	0	0
Net Calorific Value of Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value - Average	0	0	42 620	42 540	42 541	42 538	42 538	42 337	42 554	42 552	0	0	0	0	42 538	42 538	42 538	42 538	42 538	42 538	42 538
Refinery Fuel for Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel for CHP Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes at Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Losses	615	0	153	335	387	761	211	168	34	32	207	178	393	197	111	337	211	264	185	101	176
Gross Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries of Total Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Demand (Total Consumption)	0	1	2	2	2	1	1	1	1	2	1	5	6	3	4	2	1	1	0	0	0
Transformation Sector	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Heat Plants	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrochemical Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	0	1	0	1	0	0	0	0	0	2	1	5	6	3	4	2	1	1	0	0	0
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	0	1	0	1	0	0	0	0	0	2	1	5	6	3	4	2	1	1	0	0	0
Iron and Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical (including Petrochemical)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	1	1	2	3	1	1	1	1	1	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	1	0	3	3	2	2	0	0	0	0	0	0
Non-specified (Industry)	0	0	0	0	0	0	0														

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in TJ - OIL: Refinery Gas

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gq - OIL: LPG

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Naphtha

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Motor Gasoline

Flow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backflows to Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Product Receipts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Gross Output	1 297	597	451	951	1 239	1 477	1 266	1 112	925	1 065	1 017	1 151	1 030	967	1 401	1 381	1 560	1 466	1 571	1 457	1 479
Inputs of Recycled Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	15	111	443	146	110	11	1	2	74	45	197	111	25	62	71	139	263	222	191	238	258
Total Exports (Balance)	185	3	28	133	377	336	298	453	262	345	559	717	447	443	907	933	1 187	1 078	1 197	970	1 144
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interproduct Transfers	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1
Products Transferred	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	205	57	-14	16	43	5	-10	-20	67	20	7	39	9	3	2	-43	-29	-13	45	-99	2
Refinery Intake (Calculated)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Inland Deliveries (Calculated)	1 334	762	852	980	1 015	1 157	959	641	804	785	662	584	617	589	567	544	607	597	609	625	594
Statistical Differences	-57	89	22	2	31	74	27	32	4	1	3	17	5	3	8	0	2	0	11	9	13
Gross Inland Deliveries (Observed)	1 391	673	830	978	984	1 083	932	609	800	784	659	567	612	586	559	544	605	597	598	616	581
Refinery Intake (Observed)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening Stock Level (National Territory)	400	0	200	214	198	155	150	160	180	113	93	86	47	38	35	33	76	105	118	73	172
Closing Stock Level (National Territory)	195	0	214	198	155	150	160	180	113	93	86	47	38	35	33	76	105	118	73	172	170
Net Calorific Value of Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Imports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value - Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43 961	43 961	43 961	44 000	44 000	44 000	44 000
Refinery Fuel for Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel for CHP Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes at Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries of Total Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Demand (Total Consumption)	1 391	673	830	978	984	1 083	932	609	800	784	659	567	612	586	559	544	605	597	598	616	581
Transformation Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrochemical Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Total Final Consumption	1 391	673	830	978	984	1 083	932	609	800	784	659	567	610	586	559	544	605	597	598	616	581
Transport Sector	1 391	673	830	978	984	1 083	932	609	800	784	659	567	610	586	559	544	605	597	598	616	581
International Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	1 391	673	830	978	984	1 083	932	609	800	784	659	567	610	586	559	544	605	597	598	616	581
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron and Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical (including Petrochemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	0	0	0	0																	

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gq - OIL: Aviation Gasoline

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Kerosene Type Jet Fuel

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Other Kerosene

[illegible]

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ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Gas/Diesel Oil

Flow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backflows to Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Product Receipts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Gross Output	2 717	1 062	653	1 235	2 079	2 564	2 351	2 040	1 957	2 055	1 934	1 978	1 817	1 878	1 915	2 270	2 521	2 376	2 399	2 114	1 956
Inputs of Recycled Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	5	270	814	621	254	99	85	16	313	156	184	101	114	183	180	362	582	541	523	626	694
Total Exports (Balance)	499	12	109	385	1 233	1 384	1 190	1 001	870	1 029	850	727	522	512	467	665	1 085	1 189	1 086	739	693
International Marine Bunkers	0	80	64	56	53	63	55	9	70	7	64	95	105	137	115	110	106	52	106	150	52
Interproduct Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	65	0
Products Transferred	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	55
Direct Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	435	41	69	4	23	-1	28	-77	-103	120	-12	54	-10	44	22	-120	-2	2	11	-89	-150
Refinery Intake (Calculated)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Inland Deliveries (Calculated)	2 658	1 281	1 363	1 419	1 070	1 215	1 219	969	1 227	1 295	1 192	1 311	1 294	1 456	1 535	1 737	1 910	1 678	1 777	1 754	1 700
Statistical Differences	-52	0	-31	-13	-110	128	50	2	8	0	0	0	38	11	-7	66	129	16	40	56	29
Gross Inland Deliveries (Observed)	2 710	1 281	1 394	1 432	1 180	1 087	1 169	967	1 219	1 295	1 192	1 311	1 256	1 445	1 542	1 671	1 781	1 662	1 737	1 698	1 671
Refinery Intake (Observed)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening Stock Level (National Territory)	808	0	291	222	218	195	196	168	245	348	228	240	186	196	152	130	250	252	250	239	328
Closing Stock Level (National Territory)	373	0	222	218	195	196	168	245	348	228	240	186	196	152	130	250	252	250	239	328	478
Net Calorific Value of Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Imports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value - Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41 868	42 300	42 300	42 300	42 300
Refinery Fuel for Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel for CHP Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes at Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries of Total Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Demand (Total Consumption)	2 710	1 281	1 394	1 432	1 180	1 087	1 169	967	1 219	1 295	1 192	1 311	1 256	1 445	1 542	1 671	1 781	1 662	1 737	1 698	1 671
Transformation Sector	255	10	106	78	74	45	9	3	2	2	3	3	2	2	0	1	1	1	1	2	40
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	39
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	12	10	5	1	1	1	1	1	0	2	1	1	0	0	0	0	0	0	0	1	0
Autoproducer CHP Plants	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	6	3	3	3	2	2	2	0	1	1	1	2	0	1	1	1	1	1	1
Autoproducer Heat Plants	243	0	95	74	69	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrochemical Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	35	22	29	30	26	26	28	2	1	4	1	1	0	1	0	0	0	0	0	0	0
Coal Mines	28	22	21	21	19	19	21	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	7	0	8	8	6	5	5	2	1	1	1	1	1	0	1	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	1	1	3	3	1	0	1	1	1	1	0	0	0	0	0	0	0	3	0
Total Final Consumption	2 420	1 249	1 258	1 323	1 077	1 013	1 131	962	1 215	1 288	1 187	1 307	1 254	1 442	1 542	1 670	1 780	1 661	1 733	1 696	1 631
Transport Sector	654	483	383	401	278	271	399	674	803	844	760	840	850	1 082	1 225	1 346	1 443	1 362	1 530	1 461	1 444
International Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	491	414	290	293	197	199	352	629	760	806	722	807	819	1 054	1 197	1 317	1 414	1 337	1 498	1 441	1 424
Rail	103	68	91	106	78	69	41	43	41	38	38	33	31	28	28	29	29	25	32	20	20
Domestic Navigation	18	1	2	2	3	3	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	608	289	291	246	232	231	217	36	90	105	105	87	81	81	78	80	87	71	49	59	32
Iron and Steel	5	3	7	7	7	9	11	0	1	1	1	0	0	0	0	2	2	1	0	0	0
Chemical (Including Petrochemical)	39	10	18	14	15	14	13	1	5	5	4	4	2	2	5	3	1	2	5	1	1
Non-Ferrous Metals	30	23	24	24	24	31	3	2	1	1	0	0	0	0	2	0	0	0	0	1	1
Non-Metallic Minerals	66	25	26	28	33	28	18	4	2	4	6	2	2	2	1	2	3	2	5	3	1
Transport Equipment	0	0	0	0	0	0	4	2	1	2	2	2	1	1	1	0	0	0	0	0	0
Machinery	77	28	30	26	25	19	12	4	7	7	5	7	6	5	5	4	3	2	1	1	1
Mining and Quarrying	0	0	0	0	0	0	38	5	11	13	9	4	5	4	5	6	6	5	1	3	1
Food, Beverages and Tobacco	96	45	47	37	30	26	23	8	33</												

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ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Residual Fuel Oil

Flow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backflows to Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Product Receipts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Gross Output	2 478	1 812	831	2 087	2 268	2 056	1 735	1 477	1 327	1 269	1 127	1 095	1 203	718	965	1 230	1 512	1 550	1 596	1 536	1 422
Inputs of Recycled Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel	110	200	83	86	93	132	149	84	70	122	78	69	60	0	0	0	1	2	2	0	0
Total Imports (Balance)	862	1 123	1 388	476	334	290	215	22	31	16	21	57	79	131	136	93	77	78	56	64	43
Total Exports (Balance)	8	13	3	0	192	214	29	30	125	194	456	518	584	503	851	919	1 286	1 414	1 333	1 154	1 305
International Marine Bunkers	59	218	208	207	212	212	184	0	1	0	1	0	0	0	0	0	0	16	57	46	0
Interproduct Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-36	-65	0	0
Products Transferred	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	11	0
Direct Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	302	72	244	-87	34	-24	-47	27	77	28	80	32	19	49	47	-64	25	45	42	24	3
Refinery Intake (Calculated)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Inland Deliveries (Calculated)	3 465	2 576	2 169	2 183	2 139	1 764	1 541	1 412	1 240	996	694	596	657	395	297	340	327	257	307	325	106
Statistical Differences	-243	0	-150	84	19	2	-73	-53	1	-28	-21	-30	32	-47	-35	17	15	-6	62	31	-15
Gross Inland Deliveries (Observed)	3 708	2 576	2 319	2 099	2 120	1 762	1 614	1 465	1 239	1 024	715	626	625	348	332	323	312	263	245	294	121
Refinery Intake (Observed)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening Stock Level (National Territory)	792	0	692	448	535	501	525	572	545	468	440	360	328	309	260	213	277	252	207	165	141
Closing Stock Level (National Territory)	490	0	448	535	501	525	572	545	468	440	360	328	309	260	213	277	252	207	165	141	138
Net Calorific Value of Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Imports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value - Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39 767	40 000	40 000	40 000	40 000
Refinery Fuel for Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel for CHP Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes at Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Refinery Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries of Total Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Demand (Total Consumption)	3 708	2 576	2 319	2 099	2 120	1 762	1 614	1 465	1 239	1 024	715	626	625	348	332	323	312	263	245	294	121
Transformation Sector	3 014	1 857	2 005	1 826	1 593	1 442	1 360	326	302	241	176	169	190	78	69	70	49	55	83	177	25
Main Activity Producer Electricity Plants	0	44	34	34	25	23	29	23	21	20	18	24	34	21	19	34	18	22	22	22	19
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	938	268	278	286	208	135	184	102	91	52	32	27	13	16	11	4	5	6	45	122	4
Autoproducer CHP Plants	0	527	510	530	531	570	415	88	111	107	83	81	93	1	1	1	1	1	0	0	0
Main Activity Producer Heat Plants	0	0	116	168	151	120	145	86	75	59	40	33	29	38	38	27	23	25	16	33	1
Autoproducer Heat Plants	2 076	1 018	1 067	808	678	594	587	27	4	3	3	4	3	2	0	4	2	1	0	0	1
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrochemical Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	91	87	24	2	1	4	1	2	3	0	0	0	0	0	0	1	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	91	87	24	2	1	4	1	2	3	0	0	0	0	0	0	1	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total Final Consumption	603	632	288	271	526	315	252	1 137	934	783	539	457	435	270	263	252	263	208	161	117	96
Transport Sector	0	11	13	13	11	4	9	0	1	5	1	2	2	2	2	1	0	0	0	0	0
International Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	0	10	12	10	8	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	1	1	1	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
Pipeline Transport	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	0	0	0	0	0
Non-specified (Transport)	0	0	0	1	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	331	386	256	218	231	261	227	1 101	899	725	501	429	409	243	232	218	209	186	138	105	89
Iron and Steel	7	2	3	10	5	14	13	34	34	24	11	3	0	0	0	0	0	0	0	0	0
Chemical (Including Petrochemical)	67	45	23	40	39	46	36	375	244	209	132	131	155	18	13	12	9	5	3	4	4
Non-Ferrous Metals	34	93	15	34	37	35	35	59	56	51	40	42	38	33	32	37	35	21	30	27	29
Non-Metallic Minerals	140	0	133	83	88	111	101	172	178	138	45	48	24	19	24	12	18	17	9	11	9
Transport Equipment	0	0	0	0	0	0	1	5	4	4	1	1	1	0	0	0	0	0	0	0	0
Machinery	20	0	3	12	22	17	6	55	54	31	29	16	15	13	10	8	8	8	4	4	4
Mining and Quarrying	0	0	0	0	0	0	6	23	16	18	16	15	15	10	10	10	12	11	6	3	6
Food, Beverages and Tobacco	35	0	51	27	17	19	12	160	128	104	106	77	59</								

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: White Spirit

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Lubricants

Flow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backflows to Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Product Receipts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Gross Output	0	70	71	85	68	64	46	0	0	33	0	0	0	0	0	0	0	0	0	0	0
Inputs of Recycled Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
Refinery Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	0	2	1	25	26	25	22	19	37	29	35	30	35	44	45	42	39	46	36	50	38
Total Exports (Balance)	0	1	8	13	28	40	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interproduct Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Products Transferred	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	2
Direct Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	0	-8	9	6	4	4	16	0	1	1	0	-3	-1	-1	0	0	3	-3	-4	0	8
Refinery Intake (Calculated)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Inland Deliveries (Calculated)	0	59	73	103	70	53	80	19	38	63	35	27	34	43	45	42	46	43	32	28	44
Statistical Differences	0	0	3	7	-1	-6	10	0	1	0	0	0	0	0	0	0	0	2	0	0	0
Gross Inland Deliveries (Observed)	0	59	70	96	71	59	70	19	37	63	35	27	34	43	45	42	46	41	32	28	44
Refinery Intake (Observed)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening Stock Level (National Territory)	0	0	41	32	26	22	18	2	2	1	0	0	3	4	5	5	5	2	5	9	9
Closing Stock Level (National Territory)	0	0	32	26	22	18	2	2	1	0	0	3	4	5	5	5	2	5	9	9	1
Net Calorific Value of Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Imports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value - Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42 300	42 300	42 300	42 300	42 300	42 300	42 300
Refinery Fuel for Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel for CHP Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes at Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries of Total Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Demand (Total Consumption)	0	59	70	96	71	59	70	19	37	63	35	27	34	43	45	42	46	41	32	28	44
Transformation Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrochemical Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	0	59	70	96	71	59	70	19	37	63	35	27	34	43	45	42	46	41	32	28	44
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	0	59	70	96	71	59	70	19	37	63	35	27	34	43	45	42	46	41	32	28	44
Iron and Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical (including Petrochemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	46	41	32	28	44
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	0	59	70	96	71	59	70	19	37	63	35	27	34	43	45	42	46	41	32	28	44
Other Sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial and Public Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Bitumen

[illegible]

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gq - OIL: Paraffin Wax

[illegible]

Bulgaria's National Inventory Report 2012 – Submission under UNFCCC and under the Kyoto Protocol

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Petroleum Coke

Flow	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backflows to Refineries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary Product Receipts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Gross Output	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	76
Inputs of Recycled Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	76
Total Imports (Balance)	0	0	0	0	0	0	0	0	0	0	147	142	247	272	243	424	358	487	305	259	398
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	5	2
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interproduct Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Products Transferred	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	0	0	0	0	0	0	0	0	0	0	0	-28	-21	16	7	16	-58	41	-75	-1	59
Refinery Intake (Calculated)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Inland Deliveries (Calculated)	0	0	0	0	0	0	0	0	0	0	119	121	253	279	259	366	399	412	299	250	455
Statistical Differences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	14	7	0	1	0
Gross Inland Deliveries (Observed)	0	0	0	0	0	0	0	0	0	0	119	121	253	279	259	360	385	405	299	249	455
Refinery Intake (Observed)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening Stock Level (National Territory)	0	0	0	0	0	0	0	0	0	0	0	28	49	33	26	10	68	27	102	103	112
Closing Stock Level (National Territory)	0	0	0	0	0	0	0	0	0	0	28	49	33	26	10	68	27	102	103	112	53
Net Calorific Value of Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Imports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value of Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Calorific Value - Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31 400	31 400	31 400	31 400	31 400	31 400
Refinery Fuel for Electricity Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Fuel for CHP Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes at Public Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Refinery Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Energy Use in Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries of Total Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Deliveries to Petrochemical Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Demand (Total Consumption)	0	0	0	0	0	0	0	0	0	0	119	121	253	279	259	360	385	405	299	249	455
Transformation Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	15	10	43	2	15	0	41	203
Main Activity Producer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoproducer Electricity Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	15	10	43	2	15	0	41	188
Autoproducer CHP Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Activity Producer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Autoproducer Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Blended Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrochemical Industry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patent Fuel Plants (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transformation)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and Gas Extraction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coke Ovens (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blast Furnaces (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Works (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Own Use in Electricity, CHP and Heat Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Energy)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distribution Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Final Consumption	0	0	0	0	0	0	0	0	0	0	119	121	253	264	249	317	383	390	299	208	252
Transport Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Aviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Navigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline Transport	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Transport)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industry Sector	0	0	0	0	0	0	0	0	0	0	119	121	253	264	249	317	383	390	299	208	252
Iron and Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical (Including Petrochemical)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Ferrous Metals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Metallic Minerals	0	0	0	0	0	0	0	0	0	0	119	121	253	264	249	317	383	390	299	207	252
Transport Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining and Quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food, Beverages and Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paper, Pulp and Printing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood and Wood Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textiles and Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-specified (Industry)	0	0	0	0	0</																

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in Gg - OIL: Other Products

[illegible]

Bulgaria's National Inventory Report 2012 – Submission under UNFCCC and under the Kyoto Protocol

ANNEX 4 - National Energy Balance (IEA - Eurostat – UNECE - Energy Questionnaire) for 1990 - 2010 in TJ - GAS: Natural Gas

Cubic metres	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indigenous Production	14	10	37	68	56	49	41	34	29	27	15	23	20	16	330	526	510	290	214	17	73
Associated Gas	0	0	0	7	23	19	12	15	10	3	2	1	1	2	1	1	0	0	0	0	3
Non-Associated Gas	0	0	0	61	49	27	23	23	14	17	12	21	19	15	328	525	509	290	214	17	70
Colliery Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	6 732	5 563	5 024	4 677	4 633	5 652	5 859	4 775	3 867	3 404	3 384	3 367	3 074	2 895	2 960	3 014	3 195	3 370	3 432	2 604	2 608
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	-57	138	-30	-35	45	-23	-107	-223	-18	-113	219	-13	-136	162	-201	-49	-98	27	-55	25	135
Inland Consumption (Calculated)	6 689	5 711	5 031	4 710	4 734	5 678	5 793	4 586	3 878	3 318	3 618	3 377	2 958	3 073	3 089	3 491	3 607	3 687	3 591	2 646	2 816
Statistical Differences	-28	50	19	40	60	40	32	-13	30	-4	2	16	23	15	-3	25	68	105	83	37	21
Inland Consumption (Observed)	6 717	5 661	5 012	4 670	4 674	5 638	5 761	4 599	3 848	3 322	3 616	3 361	2 935	3 058	3 092	3 466	3 539	3 582	3 508	2 609	2 795
Recoverable Gas																					
Opening Stock Level (National Territory)	854	910	772	802	839	794	816	924	1 147	1 161	1 274	1 055	1 067	1 204	204	408	457	556	529	584	560
Closing Stock Level (National Territory)	912	772	802	839	794	816	923	1 147	1 165	1 274	1 055	1 068	1 203	1 041	405	457	556	529	584	559	425
Memo:																					
Gas Vented	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Flared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Memo: Cushion Gas																					
Cushion Gas Closing Stock Level	0	0	0	0	0	0	0	0	0	496	836	836	836	836	739	739	739	739	737	737	737
Memo: From other sources																					
From Other Sources - Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Terajoules																					
Indigenous Production	503	377	1 405	2 537	2 113	1 841	1 534	1 307	1 088	990	573	853	752	597	12 432	17 884	17 391	10 966	7 273	609	2 749
Associated Gas	0	0	0	245	279	831	692	476	571	358	136	74	50	46	48	36	24	0	0	0	110
Non-Associated Gas	0	0	0	2 292	1 834	1 010	842	831	517	632	437	779	702	551	12 384	17 848	17 367	10 966	7 273	609	2 639
Colliery Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	252 614	209 228	188 931	175 690	173 913	212 258	220 040	179 192	145 145	128 240	127 563	127 044	116 222	109 593	111 129	114 340	121 355	128 098	130 460	99 130	99 133
Total Exports (Balance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	-2 132	5 180	-1 143	-1 345	1 688	-831	-4 039	-8 387	-668	-4 270	8 267	-482	-5 132	6 136	-7 602	-1 778	-3 810	991	-2 164	778	5 131
Inland Consumption (Calculated)	250 985	214 785	189 193	176 882	177 714	213 268	217 535	172 112	145 565	124 960	136 403	127 415	111 842	116 326	115 959	130 446	134 966	140 045	135 569	100 517	107 013
Statistical Differences	-1 085	1 907	708	1 499	2 263	1 511	1 198	-477	1 159	-154	130	586	747	570	-215	713	2 404	3 985	3 027	1 224	849
Inland Consumption (Observed)	252 070	212 878	188 485	175 383	175 451	211 757	216 337	171 589	144 406	125 114	136 273	126 829	111 095	115 756	116 174	129 733	132 532	136 060	132 542	99 293	106 164
Recoverable Gas																					
Opening Stock Level (National Territory)	32 061	34 193	29 013	30 156	31 501	29 813	30 644	34 683	43 070	43 738	48 042	39 813	40 380	45 556	7 718	15 320	17 098	20 908	19 917	22 081	21 303
Closing Stock Level (National Territory)	34 193	29 013	30 156	31 501	29 813	30 644	34 683	43 070	43 738	48 008	39 775	40 295	45 512	39 420	15 320	17 098	20 908	19 917	22 081	21 303	16 172
Memo:																					
Gas Vented	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Flared	0	0	0	0	0	0	0	0	0	0	0	0	0	28 477	0	0	0	0	0	0	0
Memo: Cushion Gas														0	0	0	0	0	0	0	0
Cushion Gas Closing Stock Level	0	0	0	0	0	0	0	0	0	18 665	31 502	31 538	31 601	0	0	27 674	27 690	28 105	25 080	28 081	28 081
Memo: From other sources										0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gross Calorific Values																					
Indigenous Production	37 527	37 527	37 527	37 527	37 527	37 527	37 527	37 527	37 527	37 290	37 691	37 735	38 250	37 857	37 669	34 005	34 049	37 753	34 008	36 100	37 790
Associated Gas	0	0	0	37 527	37 527	37 527	37 527	37 527	37 527	36 409	37 691	37 735	0	37 857	44 964	34 151	34 049	0	0	0	37 000
Non-Associated Gas	0	0	0	37 527	37 527	37 527	37 527	37 527	37 527	37 808	37 691	37 735	0	37 857	37 654	34 005	34 049	37 753	34 008	36 100	37 790
Colliery Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Imports (Balance)	37 527	37 606	37 606	37 562	37 538	37 557	37 552	37 527	37 527	37 672	37 691	37 735	37 811	37 857	37 545	37 936	37 992	38 008	38 020	38 077	38 019
Total Exports (Balance)	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341	38 341
International Marine Bunkers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes (National Territory)	37 527	37 527	37 527	37 527	37 527	37 527	37 527	37 527	37 527	37 761	37 761	37 761	37 761	37 857	37 857	36 165	37 448	37 656	39 000	31 425	38 077
Inland Consumption (Calculated)	37 522	37 609	37 605	37 555	37 540	37 560	37 551	37 530	37 536	37 661	37 701	37 730	37 810	37 854	37 539	37 366	37 409	37 983	37 752	37 988	38 002
Statistical Differences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Consumption (Observed)	37 527	37 606	37 606	37 562	37 538	37 557	37 552	37 527	37 527	37 668	37 691	37 735	37 852	37 852	37 562	37 427	37 448	37 988	37 788	38 069	37 972
Recoverable Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening Stock Level (National Territory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Closing Stock Level (National Territory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Memo:																					
Gas Vented	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Flared	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Memo: Cushion Gas																					
Cushion Gas Closing Stock Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Memo: From other sources																					
From Other Sources - Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Other Sources - Renewables	0	0</																			

