

## ***NIR 2017, ANNEX 4***

### ***Energy balance, 2015***

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Table A4.1: Oil products, 2015 in kt

SUPPLY OF OIL PRODUCTS 2015	Total motor gasoline			Aviation gasoline	Kerosene type jet fuel			Total gas/ diesel oil		
		Bio- gasoline	Non bio- gasoline			Road diesel	Heating and other gas oil		Bio- diesels	Non-bio gas/ diesel oil
Primary product receipts	0				0	26		26	26	
Imports (Balance)	551	9	542	1	317	2,240	399	2,639		2,639
Exports (Balance)	116		116		290	943	147	1,090		1,090
International marine bunkers	0				0			0		
Stock changes	-4		-4		-2	45	-31	14		14
Opening stock level	134		134		12	343	82	425		425
Closing stock level	138		138		14	298	113	411		411
Gross inland deliveries	431	9	422	1	25	1,368	221	1,589	26	1,563
Net calorific value - average (MJ/kt)	<b>43.486</b>	30.324	43.850		<b>43.540</b>	42.486	42.600	<b>41.865</b>	36.900	42.600

SUPPLY OF OIL PRODUCTS 2015	Total fuel oil			LPG	White spirit and SBP	Lubricants	Bitumen	Petroleum coke	Other oil products
		Fuel oil- low sulphur (< 1%)	Fuel oil- high sulphur (≥ 1%)						
Primary product receipts	0								
Imports (Balance)	260	3	257	81	2	43	60	79	2
Exports (Balance)	192		192			16		13	
International marine bunkers	65		65						
Stock changes	0			1					
Opening stock level	0		0	13	0	3		6	1
Closing stock level	0		0	12	0	3		6	1
Gross inland deliveries	3	3	0	82	2	27	60	66	2
Net calorific value - average (MJ/t)	<b>41.044</b>	41.420	41.040	46.050	43.210	42.140		34.238	34.000

**Table A4.2: Solid fuels, 2015 in kt**

<b>SOLID FUELS 2015</b>	<b>Other bituminous coal</b>	<b>Sub- bituminous coal</b>	<b>Lignite</b>	<b>Coke oven coke</b>
Indigenous production	0	0	3,168	0
Total imports (Balance)	16	366	30	31
Total exports (Balance)	1	8	0	0
International marine bunkers	0	0	0	0
Stock changes	-3	17	14	-2
<b>Inland consumption</b>	<b>12</b>	<b>375</b>	<b>3,212</b>	<b>29</b>

**Table A4.3: Natural gas, 2015 in Sm3 and TJ**

<b>NATURAL GAS 2015</b>	<b>Million m3 (at 15°C, 760 mm Hg)</b>	<b>TJ (GCV)</b>	<b>Average GCV (MJ/m3)</b>	<b>Average NCV (kJ/m3)</b>
Indigenous production	3	120	39.875	35.888
Imports (Balance)	813	30,784	39.875	35.888
Exports (Balance)	0	0	0	0
International marine bunkers	0	0	0	0
Stock changes	0	0	0	0
<b>Inland consumption</b>	<b>816</b>	<b>30,904</b>	<b>37.873</b>	<b>34.086</b>

**Table A4.4: Supply of other fuels including biomass, 2015 in TJ (NCV).**

	<b>Industrial waste</b>	<b>Solid biofuels</b>	Fuel-wood, wood residues and by-products	Other vegetal materials and residues	<b>Biogases</b>	Landfill gas	Sewage sludge gas	Other biogases from anaerobic fermentation
<b>Indigenous production</b>	<b>1,802</b>	<b>24,709</b>	24,436	273	<b>1,242</b>	211	101	930

Table A4.5: Consistency of data reported in the NIR (RA) and statistical data (EB) for 2015

FUEL TYPES			Apparent consumption from RA (TJ)	Apparent consumption from EB (TJ)	Absolute difference (TJ)	Relative difference %	Explanations for differences
Liquid fossil	Primary fuels						
	Secondary fuels	Gasoline	18,536.4	18,548.2	-11.8	-0.1%	Difference is due to the rounding to 1 kt
		Jet kerosene	59.6	1,088.5	-1,028.9	-1726.3%	The majority of jet kerosene is used in the international bunkers
		Gas/diesel oil	66,627.1	66,583.8	43.3	0.1%	
		Residual fuel oil	124.3	124.3	0.0	0.0%	
		Liquefied petroleum gases (LPG)	3,776.1	3,776.1	0.0	0.0%	
		Bitumen	2,392.5	2,160.0	232.5	9.7%	Different NCV - in CRF a default value from 2006 IPCC GL has been used
		Lubricants	1,085.4	1,137.8	-52.4	-4.8%	Different NCV - in CRF a default value from 2006 IPCC GL has been used
		Petroleum coke	2,214.5	2,259.7	-45.2	-2.0%	Different NCV
		Refinery feed-stocks					
		Other oil	80.4	80.4	0.0	0.0%	
	Other liquid fossil		123.4	130.0	-6.6	-5.3%	Different NCV
	<b>Liquid fossil total</b>		<b>95,019.7</b>	<b>95,888.8</b>	<b>-869.1</b>	<b>-0.9%</b>	
Solid fossil	Primary fuels	Other bituminous coal	315.6	328.4	-12.8	-4.1%	Different NCV

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		Sub-bituminous coal	6,736.8	7,236.8	-500.0	-7.4%	Error in the reporting according to Regulation (EC) No 1099/2008; will be corrected in 2017
		Lignite	36,616.8	36,616.8	0.0	0.0%	
	Secondary fuels	Coke oven/gas coke	872.3	872.3	0.0	0.0%	
	<b>Solid fossil totals</b>		<b>44,541.5</b>	<b>45,054.3</b>	<b>-512.8</b>	<b>-1.2%</b>	
Gaseous fossil		Natural gas (dry)	27,814.2	27,814.2	0.0	0.0%	
<b>Gaseous fossil totals</b>			<b>27,814.2</b>	<b>27,814.2</b>	<b>0.0</b>	<b>0.0%</b>	
	Waste (non-biomass fraction)		1,802.0	1,802.0	0.0	0.0%	
<b>Total</b>			<b>169,177.4</b>	<b>170,559.3</b>	<b>-1,381.9</b>	<b>-0.8%</b>	