

Energy Balance - 2015

Thousand of Barrels of Oil Equivalent (KBOE)

Flow	Source		Petroleum Products							Renewables							Electricity	Total									
	Coal	Crude Oil	Gasoline	Diesel Oil	Turbo, Aviation, Jet Fuel Kerosene	Fuel Oil	LPG	Feed stock	Other Non-Energy Products	Total Petroleum products	Fuelwood	Charcoal	Hydro	Wind	Bagasse	Solar Thermal			Biogas	Geo-thermal	Total						
1.0 Primary Energy Requirement																											
1.1 Local production																											
1.2 Imports	544.4	8,777.5	2,215.0	2,187.8	804.0	5,184.5	562.7		0.1	10,954.3	570.5	191.0	80.0	78.0	621.0	0.0	0.0	0.0				1,540.5	158.0	1,540.5	20,276.2		
1.3 Re-exports and bunkering				-253.7	-1,473.0	-1,781.0			-22.1	-3,529.8																-3,529.8	
1.4 International Bunkering																											
1.5 Stock change / Statistical error	-51.6		-29.9	-82.6	68.4	34.4	-3.5		14.8	1.6																-50.0	
Total Primary Energy Supply	492.7	8,777.5	2,185.1	1,851.6	-600.6	3,438.0	559.2	0.0	-7.1	7,426.2	570.5	191.0	80.0	78.0	621.0	0.0	0.0	0.0				1,540.5	158.0	18,237.0	18,237.0		
2.0 Transformation Sector																											
2.1 Electric Generation																											
2.11 Public Utility (JPS)				-1,354.6		-2,955.7				-4,310.3														1,445.6		-2,864.7	
2.12 IPPs				-1.7		-1,491.0				-1,492.6														951.1		-541.5	
2.14 Other Self Generation																											
2.2 Oil Refinery		-8,214.0	1,027.4	1,079.5	737.8	5,128.9	51.8		188.6	8,214.0																	
2.3 Conversion Losses		-563.5																									-563.5
2.4 Power plant's own use																											-16.5
2.5 T&D Losses - JPS																											-683.2
2.6 Non-Energy Use																											
Net Available for Final Consumption	492.7	0.0	3,212.5	1,574.8	137.1	4,120.3	611.0	0.0	181.4	9,837.2	570.5	191.0	0.0	0.0	621.0	0.0	0.0	0.0				1,382.5	1,854.9	13,567.4	13,567.4		
3.0 Final Consumption by Sector																											
3.1 Transport Sector																											
3.1.1 Road & Rail			3,155.9	1,310.4		147.0			176.5	4,789.8																	0.0
3.1.2 Shipping						16.1				16.1												0.0					0.0
3.1.3 Aviation					63.9					63.9																	0.0
3.2 Manufacturing Sector																											0.0
3.2.1 Cement Production	492.7			1.2		15.0				16.2																	333.9
3.2.2 Bauxite/Alumina Processing			2.1	0.9		3,862.9			1.0	3,866.9																	278.2
3.2.3 Sugar Manufacturing			0.4	10.2		5.2			0.2	16.0					621.0							621.0					222.6
3.2.4 Other Manufacturing			26.1	146.0		26.0	13.4		1.4	213.0																	350.6
3.3 Residential			3.2	16.2	73.2		280.1			372.7	28.5	9.6															228.5
3.4 Other			24.8	89.8		48.0	317.5		2.4	482.5	171.2	57.3															613.9
Total Final Consumption	492.7	0.0	3,212.5	1,574.8	137.1	4,120.3	611.0	0.0	181.4	9,837.2	570.5	191.0	0.0	0.0	621.0	0.0	0.0	0.0				1,382.5	1,854.9	13,567.4	13,567.4		

Note:

The figures for fuelwood and charcoal were estimated as current data were unavailable.