

## Energy Balance - 2017

Thousand of Barrels of Oil Equivalent (KBOE)

Source Flow	Coal	Natural Gas	Crude Oil	Petroleum Products							Renewables								Electricity	Total					
				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 (PV)	Biogas			Geo-thermal	Total R.E.			
<b>1.0 Primary Energy Requirement</b>																									
1.1 Local production																									
1.2 Imports	485.3	508.0	7,332.4	2,878.1	1,900.5	1,283.0	5,911.6	680.3		0.0	4.8	12,658.2	570.5	191.0	95.4	179.1		334.0	27.0	0.0	0.0	1,397.0	301.5	1,397.0	
1.3 Re-exports and bunkering				0.0	-379.0	-1,615.8	-2,058.0	0.0		0.0	-14.5	-4,067.3													-4,067.3
1.4 International Bunkering												0.0													
1.5 Stock change / Statistical error	-70.1			-55.0	-92.3	10.2	-124.0	-7.1			10.6	-257.6													-327.8
<b>Total Primary Energy Supply</b>	<b>415.1</b>	<b>508.0</b>	<b>7,332.4</b>	<b>2,823.1</b>	<b>1,429.2</b>	<b>-322.7</b>	<b>3,729.6</b>	<b>673.2</b>	<b>0.0</b>	<b>0.9</b>		<b>8,333.3</b>	<b>570.5</b>	<b>191.0</b>	<b>95.4</b>	<b>179.1</b>		<b>334.0</b>	<b>27.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,397.0</b>	<b>301.5</b>	<b>17,477.8</b>	
<b>2.0 Transformation Sector</b>																									
2.1 Electric Generation																									
2.11 Public Utility (JPS)		508.0			-273.1		-2,829.4					-3,102.5											1,485.0		-1,617.5
2.12 IPP's					-1.6		-2,068.4					-2,070.0											926.1		-1,143.8
2.14 Other Self Generation												0.0													
2.2 Oil Refinery				-6,969.1	968.1	806.4	368.9	4,620.3	98.7	0.0	106.8	6,969.1													-363.3
2.3 Conversion Losses				-363.3								0.0													
2.4 Power plant's own use												0.0													-10.8
2.5 T&D Losses - JPS												0.0													-713.5
2.6 Non-Energy Use												0.0													
<b>Net Available for Final Consumption</b>	<b>415.1</b>	<b>0.0</b>	<b>0.0</b>	<b>3,791.2</b>	<b>1,960.9</b>	<b>46.2</b>	<b>3,452.1</b>	<b>771.9</b>	<b>0.0</b>	<b>107.7</b>		<b>10,130.0</b>	<b>570.5</b>	<b>191.0</b>	<b>0.0</b>	<b>0.0</b>		<b>334.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,095.5</b>	<b>1,988.3</b>	<b>13,628.9</b>	
<b>3.0 Final Consumption by Sector</b>																									
3.1 Transport Sector																									
3.1.1 Road & Rail				3,722.4	1,554.2		91.0				102.6	5,470.1	0.0												5,470.1
3.1.2 Shipping					11.5		85.8					97.3													97.3
3.1.3 Aviation						10.1						10.1													10.1
3.2 Manufacturing Sector																									0.0
3.2.1 Cement Production	415.1				4.0		46.3					50.3											357.9		823.4
3.2.2 Bauxite/Alumina Processing				2.6	131.4		3,147.3				1.0	3,282.3											298.2		3,580.6
3.2.3 Sugar Manufacturing				0.3	12.6		5.9				0.2	19.0						334.0				334.0	238.6		591.6
3.2.4 Other Manufacturing				31.1	142.2		23.9	14.8			1.5	213.5	28.5	9.6								38.1	316.2		567.8
3.3 Residential				2.7	30.1	36.1	102.9					171.8	171.2	57.3								228.5	662.6		1,062.8
3.4 Other				32.1	74.9		51.9	654.2			2.4	815.6	370.8	124.2								495.0	114.8		1,425.3
<b>Total Final Consumption</b>	<b>415.1</b>	<b>0.0</b>	<b>0.0</b>	<b>3,791.2</b>	<b>1,960.9</b>	<b>46.2</b>	<b>3,452.1</b>	<b>771.9</b>	<b>0.0</b>	<b>107.7</b>		<b>10,130.0</b>	<b>570.5</b>	<b>191.0</b>	<b>0.0</b>	<b>0.0</b>		<b>334.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,095.5</b>	<b>1,988.3</b>	<b>13,628.9</b>	

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