

## Energy Balance - 2016

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											0.0																
1.2 Imports	473.4	81.0	8,816.9	3,010.8	2,091.5	933.5	5,951.6	671.8	0.0	15.5	12,674.8	570.5	191.0	73.7	117.7	487.0	9.1	0.0	0.0				1,449.0	200.5	1,449.0		
1.3 Re-exports and bunkering				0.0	(223.8)	(1,504.0)	(1,774.1)	0.0	0.0	(21.1)	(3,523.1)														(3,523.1)		
1.4 International Bunkering											0.0																
1.5 Stock change / Statistical error	3.2			45.6	126.0	30.6	101.5	4.4		(6.0)	302.0														305.2		
<b>Total Primary Energy Supply</b>	<b>476.6</b>	<b>81.0</b>	<b>8,816.9</b>	<b>3,056.4</b>	<b>1,993.7</b>	<b>(540.0)</b>	<b>4,279.0</b>	<b>676.2</b>	<b>0.0</b>	<b>(11.5)</b>	<b>9,453.7</b>	<b>570.5</b>	<b>191.0</b>	<b>73.7</b>	<b>117.7</b>	<b>487.0</b>	<b>9.1</b>	<b>0.0</b>	<b>0.0</b>				<b>1,449.0</b>	<b>200.5</b>	<b>20,196.2</b>		
<b>2.0 Transformation Sector</b>																											
2.1 Electric Generation																											
2.11 Public Utility (JPS)		81.0			(1,645.1)		(2,958.8)				(4,603.9)														1,518.7	(3,085.2)	
2.12 IPP's					(0.9)		(1,481.0)				(1,482.0)														980.2	(501.8)	
2.14 Other Self Generation											0.0																
2.2 Oil Refinery			(7,235.9)	903.3	967.2	548.5	4,622.9	70.0	0.0	123.9	7,235.9															(1,581.0)	
2.3 Conversion Losses			(1,581.0)								0.0															(1,581.0)	
2.4 Power plant's own use											0.0															(8.1)	(8.1)
2.5 T&D Losses - JPS											0.0															(718.7)	(718.7)
2.6 Non-Energy Use											0.0																
<b>Net Available for Final Consumption</b>	<b>476.6</b>	<b>0.0</b>	<b>0.0</b>	<b>3,959.7</b>	<b>1,314.8</b>	<b>8.6</b>	<b>4,462.1</b>	<b>746.2</b>	<b>0.0</b>	<b>112.3</b>	<b>10,603.7</b>	<b>570.5</b>	<b>191.0</b>	<b>0.0</b>	<b>0.0</b>	<b>487.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>				<b>1,248.5</b>	<b>1,972.6</b>	<b>14,301.5</b>		
<b>3.0 Final Consumption by Sector</b>																											
3.1 Transport Sector																											
3.1.1 Road & Rail				3,887.5	1,098.4		141.7			106.3	5,233.9															5,233.9	
3.1.2 Shipping					9.3		25.1				34.5															34.5	
3.1.3 Aviation						2.7					2.7															2.7	
3.2 Manufacturing Sector																										0.0	
3.2.1 Cement Production	476.6				2.0		29.1				31.1															355.1	862.8
3.2.2 Bauxite/Alumina Processing				2.8	0.9		4,184.8			1.2	4,189.7															295.9	4,485.6
3.2.3 Sugar Manufacturing				0.6	9.4		5.5			0.2	15.7				487.0											487.0	739.4
3.2.4 Other Manufacturing				30.6	107.0		25.6	9.5		1.7	174.4	28.5	9.6													38.1	372.9
3.3 Residential				3.7	23.5	5.9		81.4			114.5	171.2	57.3													228.5	652.8
3.4 Other				34.5	64.3		50.3	655.3		2.9	807.3	370.8	124.2													495.0	59.2
<b>Total Final Consumption</b>	<b>476.6</b>	<b>0.0</b>	<b>0.0</b>	<b>3,959.7</b>	<b>1,314.8</b>	<b>8.6</b>	<b>4,462.1</b>	<b>746.2</b>	<b>0.0</b>	<b>112.3</b>	<b>10,603.7</b>	<b>570.5</b>	<b>191.0</b>	<b>0.0</b>	<b>0.0</b>	<b>487.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>				<b>1,248.5</b>	<b>1,972.6</b>	<b>14,301.5</b>		

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