

# Energy Balance - 2011

## Barrels of Oil Equivalent (KBOE)

Source Flow	Coal	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			Total	
<b>1.0 Primary Energy Requirement</b>																				
1.1 Local production										-	571	191	94	57	579	-	1,492	151	1,492	
1.2 Imports	361	8,863	2,303	2,580	729	5,417	560	-	30	11,618	-	-	-	-	-	-	-	-	-	20,843
1.3 Re-exports and bunkering				(460)	(1,376)	(1,496)				(3,368)	-	-	-	-	-	-	-	-	-	(3,368)
1.4 International Bunkering										-	-	-	-	-	-	-	-	-	-	-
1.5 Stock change / Statistical error	41		53	(104)	(32)	(14)	(11)		(4)	(113)	-	-	-	-	-	-	-	-	-	(72)
<b>Total Primary Energy Supply</b>	<b>402</b>	<b>8,863</b>	<b>2,356</b>	<b>2,016</b>	<b>(680)</b>	<b>3,907</b>	<b>549</b>	<b>0</b>	<b>(10)</b>	<b>8,138</b>	<b>571</b>	<b>191</b>	<b>94</b>	<b>57</b>	<b>579</b>	<b>0</b>	<b>1,492</b>	<b>151</b>	<b>18,894</b>	
<b>2.0 Transformation Sector</b>																				
<b>2.1 Electric Generation</b>																	0			0
2.11 Public Utility (JPS)				(1,721)		(3,174)				(4,895)							0	1,617		(3,278)
2.12 IPP's				(1)		(1,749)				(1,750)							0	818		(932)
2.14 Other Self Generation										0							0			0
<b>2.2 Oil Refinery</b>		(8,540)	1,092	1,561	692	4,973	83	-	140	8,540							0			0
<b>2.3 Conversion Losses</b>		(324)								0							0			(324)
<b>2.4 Power plant's own use</b>										0							0		(22)	(22)
<b>2.5 T&amp;D Losses - JPS</b>										0							0		(596)	(596)
<b>2.6 Non-Energy Use</b>										0							0		0	0
<b>Net Available for Final consumption</b>	<b>402</b>	<b>0</b>	<b>3,447</b>	<b>1,855</b>	<b>12</b>	<b>3,956</b>	<b>631</b>	<b>0</b>	<b>130</b>	<b>10,032</b>	<b>571</b>	<b>191</b>	<b>0</b>	<b>0</b>	<b>579</b>	<b>0</b>	<b>1,341</b>	<b>1,968</b>	<b>13,742</b>	
<b>3.0 Final Consumption by Sector</b>																				
<b>3.1 Manufacturing sector</b>																				
3.12 Cement Production	402		0.02	6	-	5	-	-	14	25	-	-	-	-	-	0		39		467
3.12 Sugar Production			0.18	11	-	5	-	-	1	17	-	-	-	-	579	579		20		616
3.12 Other Manufacturing			4	152	0.02	100	14	-	3	272	-	-	-	-	-	0		177		449
<b>3.2 Agriculture</b>			69	130	-	-	-	-	-	199	-	-	-	-	-	0		12		211
<b>3.3 Construction</b>			34	111	-	-	-	-	-	146	-	-	-	-	-	0		2		148
<b>3.4 Mining/Bauxite</b>			6	112	-	3,748	-	-	5	3,871	-	-	-	-	-	0		394		4,265
<b>3.2 Transport sector</b>			3,334	1,297	-	98	-	-	104	4,832	-	-	-	-	-	0		0		4,832
<b>3.4 Household</b>			-	-	6	-	335	-	-	341	228	-	-	-	-	228		649		1,218
<b>3.3 Services</b>			-	37	5	-	284	-	3	330	342	191	-	-	-	533		675		1,538
<b>Total Final Consumption</b>	<b>402</b>	<b>0</b>	<b>3,447</b>	<b>1,855</b>	<b>12</b>	<b>3,956</b>	<b>633</b>	<b>0</b>	<b>130</b>	<b>10,033</b>	<b>571</b>	<b>191</b>	<b>0</b>	<b>0</b>	<b>579</b>	<b>0</b>	<b>1,341</b>	<b>1,968</b>	<b>13,743</b>	