

Energy Balance - 2009

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	
1.0 Primary Energy Requirement																				
1.1 Local production										-	571	191	98	31	1,049	-	1,939	129	1,939	
1.2 Imports	167	8,700	2,916	2,807	610	3,670	566			10,569	-	-	-	-	-	-	-	-	-	19,436
1.3 Re-exports and bunkering				(177)	(1,249)	(2,071)				(3,497)	-	-	-	-	-	-	-	-	-	(3,497)
1.4 International Bunkering										-	-	-	-	-	-	-	-	-	-	-
1.5 Stock change / Statistical error	92		(134)	(308)	(6)	1,939	(60)			1,431	-	-	-	-	-	-	-	-	-	1,523
Total Primary Energy Supply	259	8,700	2,782	2,322	(645)	3,538	506	0	0	8,502	571	191	98	31	1,049	0	1,939	129	19,400	
2.0 Transformation Sector																				
2.1 Electric Generation																				
2.11 Public Utility (JPS)				(1,770)		(3,354)				(5,123)	-	-	-	-	-	-	0	1,688	(3,435)	0
2.12 IPP's				(2)		(1,688)				(1,690)	-	-	-	-	-	-	0	791	(898)	
2.14 Other Self Generation										0	-	-	-	-	-	-	0		0	0
2.2 Oil Refinery		(8,126)	985	1,285	662	5,113	81			8,126	-	-	-	-	-	-	0		0	0
2.3 Conversion Losses		(574)								0	-	-	-	-	-	-	0		0	(574)
2.4 Power plant's own use										0	-	-	-	-	-	-	0	(131)	0	(131)
2.5 T&D Losses JPS										0	-	-	-	-	-	-	0	(576)	0	(576)
2.6 Non-Energy Use										0	-	-	-	-	-	-	0	0	0	0
Net Available for Final consumption	259	(0)	3,767	1,836	17	3,609	587	0	0	9,815	571	191	0	0	1,049	0	1,811	1,901	13,786	
3.0 Final Consumption by Sector																				
3.1 Manufacturing sector																				
3.12 Cement Production	259									13	-	-	-	-	-	-	0	42	314	
3.12 Sugar Production			3	23		14				39	-	-	-	1,049	-	1,049	11	1,100		
3.12 Other Manufacturing			4			116	15			135	-	-	-	-	-	0	175	310		
3.2 Agriculture			69	134						203	-	-	-	-	-	0	11	214		
3.3 Construction			51	110						161	-	-	-	-	-	0	18	179		
3.4 Mining/Bauxite			6	272		3,466				3,744	-	-	-	-	-	0	455	4,199		
3.2 Transport sector			3,634	1,259						4,893	-	-	-	-	-	0	0	4,893		
3.4 Household					9		308			317	571	-	-	-	-	571	509	1,396		
3.3 Services				38	8		264			310	-	191	-	-	-	191	679	1,180		
Total Final Consumption	259	0	3,767	1,836	17	3,609	587	0	0	9,815	571	191	0	0	1,049	0	1,811	1,901	13,786	