Energy Balance - 2019

Thousand of Barrels of Oil Equivalent (KBOE)

Source / Flow	Coal	Natural Gas	Crude Oil	Petroleum Products							Renewables									Electricity	Total	Share (%)
				Gasoline	Diesel Oil	Turbo, Aviation, Jet Fuel Kerosene	Fuel Oil	LPG	Feed stock	Other Non-Energy Products	Total Petroleum Products	Firewood	Charcoal	Bagasse	Biogas	Hydro	Wind	Solar (PV)	Geo-thermal	Total R.E.			
1.0 Primary Energy Requirements																							
1.1 Local production												599	820	325	0	99	173	30	0	**2,046**	**302**	**2,046**	**9%**
1.2 Imports	427	1,459	9,583	3,174	2,442	1,166	5,884	696	0	27	13,390											**24,859**	
1.3 Re-exports and bunkering				0	(440)	(1,643)	(2,066)	0	0	6	(4,142)											**(4,142)**	**91%**
1.4 International Bunkering																						**0**	
1.5 Stock change / Statistical error	70	223		(24)	18	39	1	(5)		11	40											**333**	
Total Primary Energy Supply	**497**	**1,682**	**9,583**	**3,151**	**2,020**	**(437)**	**3,819**	**691**	**0**	**45**	**9,288**	**599**	**820**	**325**	**0**	**0**	**0**	**0**	**0**	**1,744**	**302**	**23,096**	**100%**
SHARE (%)	**2%**	**7%**	**41%**								**40%**									**8%**	**1%**	**100%**	
2.0 Transformation Sector																							
2.1 Electric Generation																							
2.1.1 Public Utility (JPS)		(1,682)			(283)		(2,363)				(2,646)										1,421	**(2,907)**	
2.1.2 IPP's		0			(2)		(1,968)				(1,970)									**0**	1,033	**(937)**	
2.1.3 Other Self Generation											0												
2.2 Oil Refinery			(9,074)	1,312	901	465	5,855	86	0	129	8,748												
2.3 Conversion Losses			(183)								0		(697)						0	**0**	0	**(183)**	
2.4 Power plant's own use			(326)								0										(37)	**(363)**	
2.5 T&D Losses - JPS											0										(712)	**(712)**	
Net Available for Final Consumption	**497**	**(0)**	**0**	**4,463**	**2,636**	**28**	**5,343**	**777**	**0**	**173**	**13,420**	**599**	**123**	**325**	**0**	**0**	**0**	**0**	**0**	**1,442**	**2,007**	**17,366**	
3.0 Final Consumption by Sector																							
3.1 Transport Sector																							
3.1.1 Road & Rail				4,278	2,274		90			173	**6,815**											**6,815**	**39%**
3.1.2 Shipping (local)					156		923				**1,078**											**1,078**	**6%**
3.1.3 Aviation (local)						10					**10**											**10**	**0%**
3.2 Manufacturing Sector											**0**											**0**	**0%**
3.2.1 Cement Production	497				2		11				**13**										334	**845**	**5%**
3.2.2 Bauxite/Alumina Processing				0	92		4,201				**4,293**										302	**4,595**	**26%**
3.2.3 Sugar Manufacturing				1	13		8				**22**			325						325	112	**459**	**3%**
3.2.4 Other Manufacturing				40	22		53				**115**									0	48	**163**	**1%**
3.3 Residential				10	33	18	0	656			**717**	339	97							437	652	**1,806**	**10%**
3.4 Commercial				83	28			121			**232**	260	26							286	541	**1,058**	**6%**
3.5 Other				52	17		57				**126**									395	17	**538**	**3%**
Total Final Consumption	**497**	**0**	**0**	**4,463**	**2,636**	**28**	**5,343**	**777**	**0**	**173**	**13,421**	**599**	**123**	**325**	**0**	**0**	**0**	**0**	**0**	**1,442**	**2,007**	**17,366**	**100%**

Note: 1) Total Final Consumption does not include Item 1.3 "Re- exports and bunkering" which relate to International shipping and aviation.

2) Figures exclude barrels of oil equivalents for self-generation plants.

3) Firewood and Charcoal estimates updated based on the Fuelwood Demand, Supply & Potentials Study (2014) by energy Consulting Services SA for PCJ.

Prepared by: Ministry of Science, Energy & Technology, Energy Division, Energy Economics & Planning Unit

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Sources: Petrojam, JPS, IPPs, Self-Generators, Marketing Companies