

ENERGY AND WATER STATISTICS – 2011

Introduction

This issue of Economic and Social Indicators on Energy and Water Statistics contains data for the years 2010 and 2011. These statistics have been compiled in close collaboration with the Central Electricity Board, the Central Water Authority, the petroleum companies, the Independent Power Producers and the Meteorological Services. All data refer to the Republic of Mauritius, unless stated otherwise.

2. Energy

2.1 Energy balance

The energy balance (Tables 1 & 2) shows the supply and final uses of energy and the different types of fuel. In order to compare the energy content of the different fuels, a common accounting unit, namely tonne of oil equivalent (toe) is used. The conversion factors are given on page 7.

The energy supply presented as the total primary requirement decreased from 1,430,661 toe to 1,426,803 toe (-0.3%) whereas the demand presented as the total final consumption increased from 853,998 toe to 862,270 toe (+1.0%). The difference between the supply and the demand is mainly due to fuel transformed into electricity.

2.2 Total primary energy requirement

Total primary energy requirement, also known as Total Primary Energy Supply (TPES), is obtained as the sum of imported and locally available fuels less re-exports and bunkering, after adjusting for stock changes. As shown in Table 3, the total primary energy requirement was 1,427 ktoe in 2011, down by 0.3% from 1,431 ktoe in 2010 leading to a decrease of 0.9% in the per capita primary energy requirement from 1.12 toe to 1.11 toe.

In 2011, 83.8% (1,196 ktoe) of the total primary energy requirement were met from imported fuels (petroleum products and coal) compared to 83.1% (1,189) in 2010. Locally available sources (hydro, wind, landfill gas, bagasse and fuelwood) which are all renewable accounted for 16.2% (231 ktoe) in 2011 compared to 16.9% (242 ktoe) in 2010. It is to be noted that as from August 2011, some of the primary energy requirement was met from landfill gas.

Energy supply from petroleum products increased by 3.0% from 775 ktoe in 2010 to 798 ktoe in 2011. It comprised mainly fuel oil (31.1%), diesel (26.3%), gasoline (16.3%) and aviation fuel (16.8%). Coal was at 398 ktoe representing a decrease of 3.9% over the 414 ktoe estimated in 2010.

Local productions which are all renewable stood at 231 ktoe in 2011. Bagasse contributed 94.4% of the renewable sources and the remaining 5.6% was from hydro, wind, landfill gas and fuelwood.

'Energy intensity' defined as total primary energy requirement (toe) per Rs 100,000 of GDP (in 1990 rupees) provides a measure of the efficiency with which energy is being used in production. As shown in Table 16, 'Energy intensity', which stood at 1.46 in 2010, fell to 1.40 in 2011 reflecting a more efficient use of energy.

2.2.1 Local Production (Renewable)

Total energy production from local renewable sources went down by 4.5% from 242 ktoe in 2010 to 231 ktoe in 2011. It was mainly due to a decrease of 42.7% in the production of hydroelectricity from 8.9 ktoe in 2010 to 5.1 ktoe in 2011. This was coupled by a decrease of 3.1% of bagasse from 225 ktoe to 218 ktoe (Table 3).

2.2.2 Imports of energy sources

In 2011, some 1,577 ktoe of petroleum products and coal were imported compared to 1,500 ktoe in 2010, representing an increase of 5.1%. Imports of petroleum products went up from 1,091 ktoe to 1168 ktoe (+7.1%) while that of coal remained almost the same at around 409 ktoe (Table 4 and Fig. 2).

The import bill of petroleum products and coal increased by 25.3% from Rs 24,721 million in 2010 to Rs 30,974 million in 2011. The import bill of petroleum products and coal as a percentage of total imports, was 21.0% in 2011 compared to 18.0% in 2010 (Fig. 3).

2.2.3 Re-exports and bunkering

Of the 1,577 ktoe of imported energy sources in 2011, around 402 ktoe (25.5%) were supplied to foreign marine vessels and aircraft up by 14.2% over the 2010 figure of 352 ktoe. Re-exports consisted of 124 ktoe of aviation fuel (30.7%), 178 ktoe of fuel oil (44.2%) and 101 ktoe of diesel oil (25.1%) (Table 5).

2.3 Electricity generation

The peak power demand in 2011 reached 412.5 MW (+2.1%) in the Island of Mauritius as compared with 404.1 MW in 2010 (Table 6).

Some 2,730 GWh (235 ktoe) of electricity was generated in 2011 as compared with 2,689 GWh (231 ktoe) in 2010, representing an increase of 1.5%. Around 80% (2178 GWh) of the electricity generated were from non renewable sources and the remaining 20% (552 GWh) from renewable sources. The total amount of electricity generated from renewable resources (hydro, wind, landfill gas and bagasse) decreased by 15.6% from 654 GWh in 2010 to 552 GWh in 2011 (Table 7).

Table 8 shows that the Independent Power Producers (IPPs) supplied 58.6% of the total electricity generated while the Central Electricity Board (CEB) provided the remaining 41.4%. Thermal energy represented 97.7% and hydro, wind and landfill gas, 2.3%.

2.3.1 Fuel input for electricity generation

The different types of fuel used for electricity generation are shown in Table 9. Fuel input decreased from 778 ktoe in 2010 to 773 ktoe in 2011 (-0.6%). The major components of the fuel input were coal (49.5 %), fuel oil (26.6%) and bagasse (23.2%).

2.3.2 Electricity sales and consumption

Electricity sales increased by 2.5% from 2,174 GWh (187 ktoe) in 2010 to 2,228 GWh (192 ktoe) in 2011. During the same period, the average sales price of electricity went up by 9.0% from Rs 5.22 to Rs 5.69 per kWh (Table 10).

The per capita consumption of electricity sold went up by 2.1% from 1,697 kWh in 2010 to reach 1,733 kWh in 2011 (Table 16).

2.4 Final energy consumption

Final energy consumption is the total amount of energy required by end users as a final product. End-users are mainly categorized into five sectors, namely manufacturing, transport, commercial and distributive trade, households and agriculture. Final energy consumption increased by 0.9% from 854 ktoe in 2010 to 862 ktoe in 2011. “Transport” and “Manufacturing” were the two largest energy-consuming sectors accounting for 50.5% and 25.7% of energy consumed respectively. They were followed by “Household” (13.6%), “Commercial and Distributive Trade” (9.4%) and “Agriculture” (0.5%). Details on the different types of fuel consumed by each sector and the respective amounts are given in Table 11.

2.4.1 Manufacturing

Between 2010 and 2011, energy used for manufacturing processes decreased by 3.9% from 231 ktoe to 222 ktoe. In 2011, electricity contributed around 79 ktoe (35.6%); bagasse, 39 ktoe (17.6%); diesel oil, 43 ktoe (19.4%); fuel oil, 39 ktoe (17.6%).

2.4.2 Transport

Energy consumption by “Transport” sector stood at 435 ktoe, representing an increase of 3.1% over the previous year’s figure of 422 ktoe. Consumption of fuel for land transport increased from 291 ktoe to 293 ktoe (+0.7%). Consumption of aviation fuel increased from 123 ktoe in 2010 to 134 ktoe in 2011 (+8.9%) and that of sea transport remained at around 8.0 ktoe.

2.4.3 Commercial and Distributive Trade

Total energy consumption by “Commercial and Distributive Trade” sector increased by 6.6%, from 76 ktoe in 2010 to 81 ktoe in 2011.

Electricity was the main source of energy in the commercial and distributive trade sector and its consumption increased from 64 ktoe to 68 ktoe (+6.3%). LPG consumption remained at around 12 ktoe.

2.4.4 Household

Energy consumed by households (excluding transport) increased by 0.4% from 116.9 ktoe in 2010 to 117.4 ktoe in 2011. The two main sources of energy for households were electricity and LPG, representing 53% and 41% respectively of total energy consumed by households. Consumption of electricity rose by 2.1% and that of LPG by 1.3%.

2.4.5 Agriculture

Energy consumption in “Agriculture” went down from 4.4 ktoe in 2010 to 4.3 ktoe in 2011 (-2.3%). Electricity and diesel were the only two sources of energy used in this sector. In 2011, about 1.9 ktoe of electricity were used mainly for irrigation compared to 2.1 ktoe in 2010 while consumption of diesel oil which was used for mechanical operations in fields remained at 2.4 ktoe.

3 Water

3.1 Rainfall

The mean amount of rainfall recorded around the island of Mauritius during the year 2011 was 1,945 mm, compared with the 1,806 mm registered in 2010 showing an increase of 7.7%. The wettest month in 2011 was March with 373 mm of rainfall while September was the driest with 44 mm of rainfall.

The island of Rodrigues registered a mean rainfall of 834 mm, a 27.0% decrease compared to 1142 mm in 2010. The highest amount of rainfall with 109 mm was recorded in the month of March while the least amount was in September with 9 mm (Table12).

3.2 Water storage level

In 2011, the minimum and maximum percentage water storage level of the different reservoirs was as follows:

Reservoir	% Minimum (month(s))	% Maximum (month(s))
Mare aux Vacoas	26 (Nov)	49 (March, April)
La Nicoliere	39 (Jun)	100 (Feb-April), (Aug, Sep)
Piton du Milieu	30 (Jan)	100 (Mar)
La Ferme	31 (Dec)	100 (Mar, Apr)
Mare Longue	29 (Jan)	100 (Aug)
Midlands Dam	33 (Jan)	96 (Oct)

The mean percentage water level for all reservoirs (excluding Midlands Dam) varied from 39% to 70% in 2011. It is to be noted that the mean water level is computed as the average level during a month while the normal level is the long term mean averaged over the period 1990 to 1999 (Table 13).

3.3 Water production

The total volume of potable water treated by the different treatment plants went down by 9.4% from 223 million cubic metres (Mm³) in 2010 to 202 Mm³ recorded in 2011. Some 46% of the average water production was from surface water and 54% from borehole in 2011 (Table 14).

3.4 Water sales and revenue collectible

Total volume of water sold decreased from 115.0 Mm³ in 2010 to 113.4 Mm³ in 2011 (-1.4%). In 2011, potable water made up 85.1% of the volume sold and the remaining 14.9% consisted of non-treated water. Water for domestic consumption was 73.7 Mm³, accounting for nearly 65.0% of the total volume of water sold.

The amount of revenue collectible from the sale of water for the year 2011 was Rs 986.1 million, that is a fall of 4.8% over the amount of Rs 1035.8 million collected in 2010 (Table 15).

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Concepts and Terminology

The energy data have been compiled according to the recommendations of the United Nations Manual, Series F No. 29 on Energy Statistics.

- **Energy**
Energy means the capacity for doing work or for producing heat. Producing heat is a common manifestation of "doing work" as are producing light and motive force.
- **Primary energy**
Primary energy designates energy from sources that involve only extraction or capture, with or without separation from contiguous material, cleaning or grading, before the energy embodied in that source can be converted into heat or mechanical work. Primary energy is not derived from any other form of energy. By convention, sources of energy that occur naturally such as coal, natural gas, fuel wood are termed primary energy.
- **Secondary energy**
Secondary energy designates energy from all sources of energy that results from transformation of primary sources.
- **Fuels**
The term fuel is used to describe those energy sources, whether primary or secondary, that must be subjected to combustion or fission in order to release for use the energy stored up inside them.
- **Re-export of bunkers and aviation fuel**
Bunkers relate to fuels sold to ships irrespective of their flags of ownership or registration. Re-exports include aviation fuel delivered to foreign aircraft. Aviation fuel delivered to aircraft owned by the national airline is included as final consumption in the transport sector.
- **Primary energy requirement**
It is the sum of imported fuels and locally available fuels less re-exports of bunkers and aviation fuel to foreign aircraft after adjusting for stock changes.
- **Primary energy input to hydro electricity.**
The primary energy input to hydro electricity is defined as the energy value of the electricity generated from hydro.

Energy conversion factors

The following energy conversion factors have been used to express the energy content for the different fuels in terms of a common accounting unit, tonnes of oil equivalent (toe).

Energy Source	<u>Tonne</u>	<u>toe</u>
Gasolene	1	1.08
Diesel Oil	1	1.01
Dual Purpose Kerosene (DPK)	1	1.04
Fuel oil	1	0.96
Liquefied Petroleum Gas (LPG)	1	1.08
Coal	1	0.62
Bagasse	1	0.16
Fuel Wood	1	0.38
Charcoal	1	0.74
	<u>GWh</u>	<u>toe</u>
Hydro/Wind/Landfill gas	1	86
Electricity	1	86

ABBREVIATIONS

The following technical abbreviations have been used throughout the report.

toe	Tonne of oil equivalent
ktoe	Thousand tonnes of oil equivalent
LPG	Liquefied Petroleum Gas
MW	Megawatt (1,000 kW)
kWh	Kilowatt hour
GWh	Gigawatt hour
Mm	Millimetres
Mm ³	Million cubic metres

ACRONYMS

CEB	Central Electricity Board
IPP	Independent Power Producers
GDP	Gross Domestic Product

Table 1 - Energy balance, 2011

Source Flow		Fossil fuels							Renewables						Electricity	Total	
		Coal	Petroleum products						Fuelwood	Charcoal	Hydro	Wind	Landfill Gas ¹	Bagasse			Total Renewables
			Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG									
Local production	-	-	-	-	-	-	-	-	7,638	-	4,858	243	270	218,132	231,142	-	231,142
Imports	409,297	126,014	312,991	235,073	4,464	417,401	71,636	1,167,580	-	-	-	-	-	-	-	-	1,576,877
Re-exports and bunkering	-	-	(101,228)	(123,458)	-	(177,645)	-	(402,332)	-	-	-	-	-	-	-	-	(402,332)
Stock change / Statistical error	(11,637)	4,000	(1,675)	22,722	(123)	8,316	(488)	32,753	-	-	-	-	-	-	-	-	21,116
Total Primary Energy Requirement	397,661	130,015	210,088	134,337	4,341	248,072	71,148	798,000	7,638	-	4,858	243	270	218,132	231,142	-	1,426,803
Public electricity generation plant	-	-	(1,539)	-	(3,805)	(205,936)	-	(211,281)	-	-	(4,858)	(243)	-	-	(5,101)	97,143	(119,238)
Autoproducer plants	(382,724)	-	-	-	-	-	-	-	-	-	-	-	(270)	(179,046)	(179,317)	137,675	(424,365)
Other transformation	-	-	-	-	-	-	-	-	(889)	433	-	-	-	-	(456)	-	(456)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,785)	(3,785)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(16,687)	(16,687)
Total Final Consumption	14,936	130,015	208,549	134,337	536	42,135	71,148	586,720	6,749	433	-	-	-	39,086	46,268	214,346	862,270
Manufacturing sector	14,936	-	43,525	-	-	38,824	5,657	88,006	542	-	-	-	-	39,086	39,628	79,211	221,781
Transport sector ²	-	130,015	162,656	134,337	-	3,311	4,862	435,181	-	-	-	-	-	-	-	-	435,181
Commercial and distributive trade sector	-	-	-	-	-	-	12,161	12,161	-	347	-	-	-	-	347	68,164	80,671
Household	-	-	-	-	536	-	48,211	48,747	6,208	86	-	-	-	-	6,294	62,376	117,416
Agriculture	-	-	2,367	-	-	-	-	2,367	-	-	-	-	-	-	-	1,935	4,302
Other	-	-	-	-	-	-	257	257	-	-	-	-	-	-	-	2,661	2,918

Note: figures in brackets represent negative quantities

¹ generated as from August 2011

² include fuel used for transport by all sectors

Table 2 - Energy balance, 2010

Tonne of oil equivalent (toe)

Source Flow	Fossil fuels								Renewables						Electricity	Total
	Coal	Petroleum products							Fuelwood	Charcoal	Hydro	Wind	Bagasse	Total Renewables		
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products								
Local production	-	-	-	-	-	-	-	-	7,718	-	8,663	216	225,019	241,616	-	241,616
Imports	409,584	130,608	313,467	244,245	7,019	327,806	67,729	1,090,874	-	-	-	-	-	-	-	1,500,458
Re-exports and bunkering	-	-	(114,323)	(119,562)	-	(118,505)	-	(352,390)	-	-	-	-	-	-	-	(352,390)
Stock change / Statistical error	4,473	(2,924)	14,426	(1,388)	1,030	22,914	2,445	36,504	-	-	-	-	-	-	-	40,977
Total Primary Energy Requirement	414,058	127,684	213,570	123,295	8,048	232,215	70,174	774,987	7,718	-	8,663	216	225,019	241,616	-	1,430,661
Public electricity generation plant	-	-	(2,017)	-	(6,248)	(189,007)	-	(197,272)	-	-	(8,663)	(216)	-	(8,879)	94,495	(111,655)
Autoproducer plants	(398,690)	-	-	-	-	-	-	-	-	-	-	-	(182,461)	(182,461)	136,734	(444,418)
Other transformation	-	-	-	-	-	-	-	-	(869)	423	-	-	-	(446)	-	(446)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,475)	(3,475)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(16,669)	(16,669)
Total Final Consumption	15,367	127,684	211,554	123,295	1,800	43,209	70,174	577,716	6,849	423	-	-	42,558	49,830	211,085	853,998
Manufacturing sector	15,367	-	47,008	-	-	39,813	5,532	92,353	542	-	-	-	42,558	43,100	80,354	231,175
Transport sector ¹	-	127,684	162,197	123,295	-	3,396	5,012	421,584	-	-	-	-	-	-	-	421,584
Commercial and distributive trade sector	-	-	-	-	-	-	11,799	11,799	-	335	-	-	-	335	64,324	76,459
Household	-	-	-	-	1,800	-	47,584	49,384	6,307	88	-	-	-	6,395	61,122	116,901
Agriculture	-	-	2,348	-	-	-	-	2,348	-	-	-	-	-	-	2,050	4,398
Other	-	-	-	-	-	-	247	247	-	-	-	-	-	-	3,234	3,482

¹ include fuel used for transport by all sectors Note: figures in brackets represent negative quantities

Table 3 - Total primary energy requirement, 2010 - 2011

Energy source	2010			2011		
	Tonne (except Hydro, Wind, Landfill gas in GWh)	Ktoe	%	Tonne (except Hydro, Wind, Landfill gas in GWh)	Ktoe	%
Imported						
Petroleum products						
Gasolene	118,226	127.7	8.9	120,384	130.0	9.1
Diesel Oil	211,456	213.6	14.9	208,008	210.1	14.7
Dual Purpose Kerosene	126,292	131.3	9.2	133,344	138.7	9.7
<i>Kerosene</i>	7,739	8.0	0.6	4,174	4.3	0.3
<i>Aviation Fuel</i>	118,553	123.3	8.6	129,170	134.4	9.4
Fuel Oil	241,891	232.2	16.2	258,408	248.1	17.4
LPG	64,976	70.2	4.9	65,878	71.1	5.0
Sub total (petroleum products)		775.0	54.2		798.0	55.9
Coal	667,835	414.1	28.9	641,388	397.7	27.9
Sub total (Imported)		1,189.1	83.1		1,195.7	83.8
Local						
Renewables						
Hydro and Wind GWh	103	8.9	0.6	59	5.1	0.4
Landfill Gas GWh	-	-	-	3	0.3	0.02
Bagasse *	1,406,371	225.0	15.7	1,363,328	218.1	15.3
Fuelwood *	20,311	7.7	0.5	20,101	7.6	0.5
Sub total (renewables)		241.6	16.9		231.1	16.2
Total		1,430.7	100.0		1,426.8	100.0

* estimates

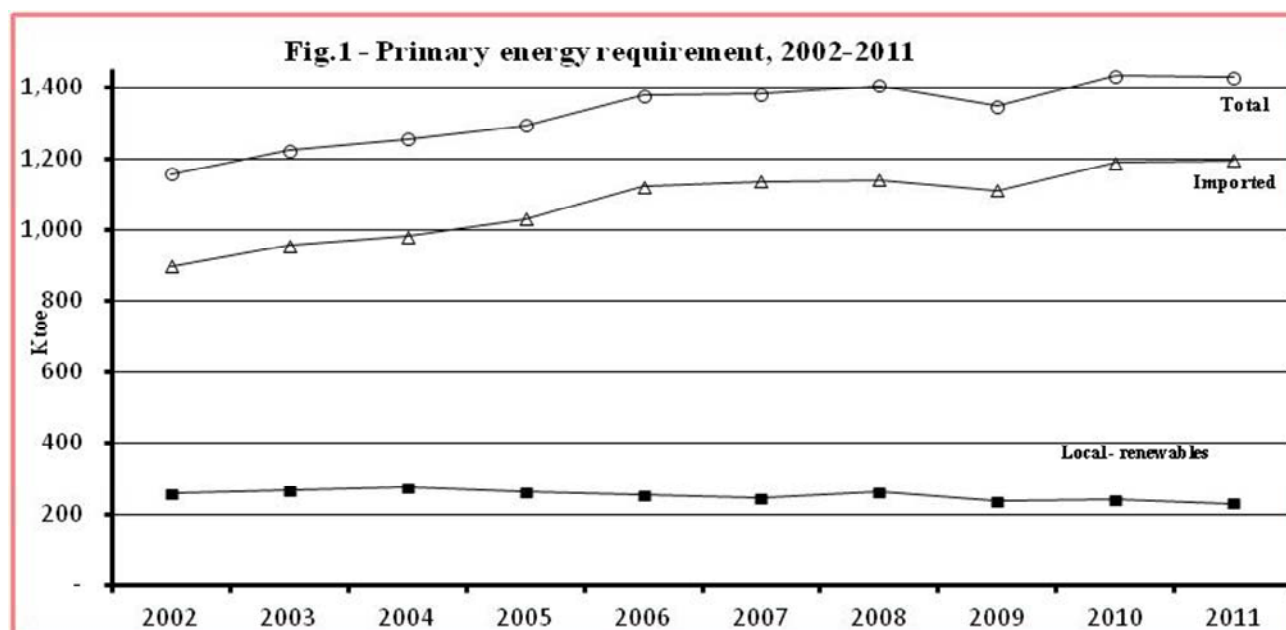
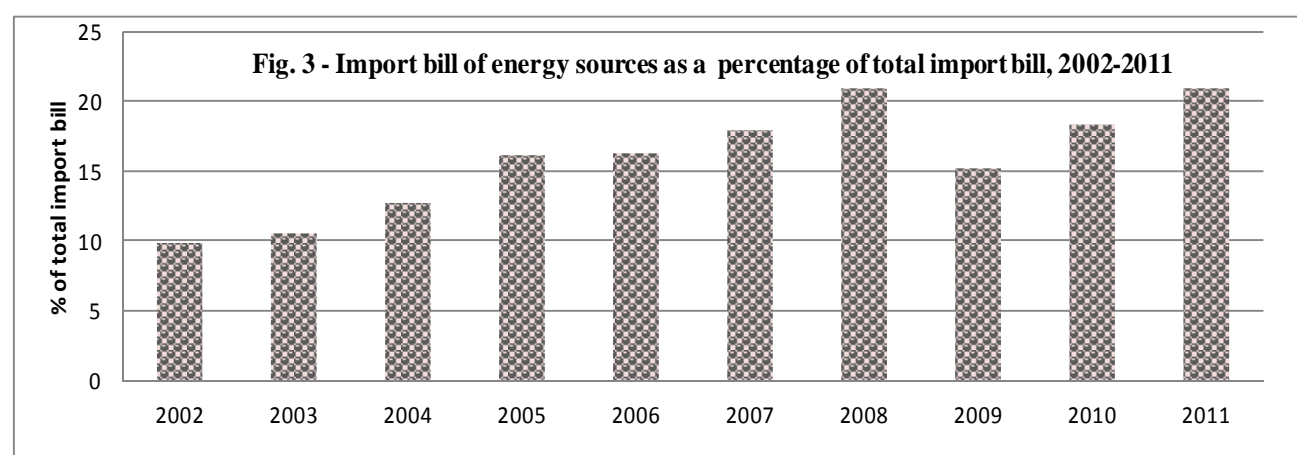
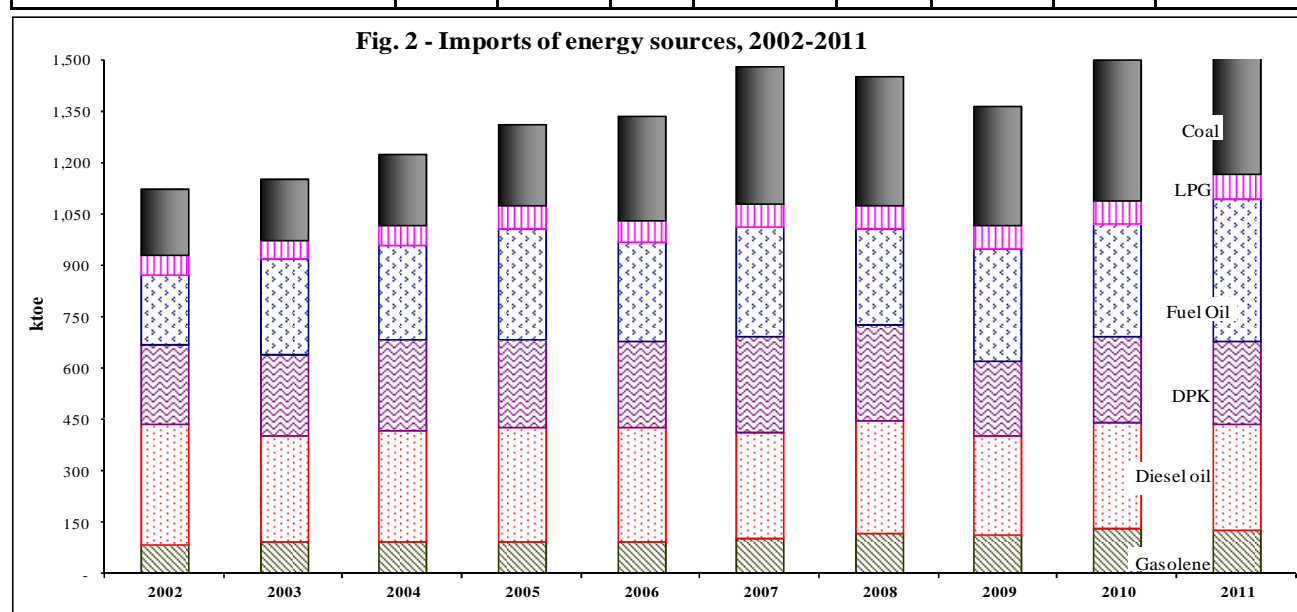


Table 4 - Imports of energy sources, 2010-2011

Energy source	2010				2011			
	Tonne (000)	Ktoe	%	C.I.F value (Rs million)	Tonne (000)	Ktoe	%	C.I.F value (Rs million)
Gasolene	120.9	130.6	8.7	3,084.4	116.7	126.0	8.0	3,431.1
Diesel Oil	310.4	313.5	20.9	6,945.1	310.0	313.0	19.8	8,685.7
Dual Purpose Kerosene	241.6	251.2	16.7	5,619.5	230.3	239.6	15.2	6,299.3
<i>Kerosene</i>	6.7	7.0	0.5	154.5	4.3	4.5	0.3	108.3
<i>Aviation Fuel</i>	234.9	244.2	16.3	5,465.0	226.0	235.1	14.9	6,191.0
Fuel Oil	341.5	327.8	21.8	5,112.8	434.8	417.4	26.5	8,022.1
LPG	62.7	67.7	4.5	1,634.5	66.3	71.6	4.5	1,894.5
Sub total (petroleum products)		1,090.8	72.7	22,396.3		1,167.6	74.0	28,332.7
Coal	660.6	409.6	27.3	2,324.4	660.2	409.3	26.0	2,641.2
Total imports of energy sources		1,500.4	100.0	24,720.7		1,576.9	100.0	30,973.9

**Table 5 - Re-exports of energy sources to foreign aircraft and bunkers, 2010-2011**

Energy Re-exported	2010			2011		
	Tonne	Ktoe	%	Tonne	Ktoe	%
Aviation fuel to foreign aircraft	115	119.6	33.9	119	123.5	30.7
Diesel oil	113	114.3	32.4	100	101.2	25.1
Fuel oil	123	118.5	33.6	185	177.7	44.2
Total		352.4	100.0		402.4	100.0

Fig. 4 - Average import price of energy sources, 2002-2011

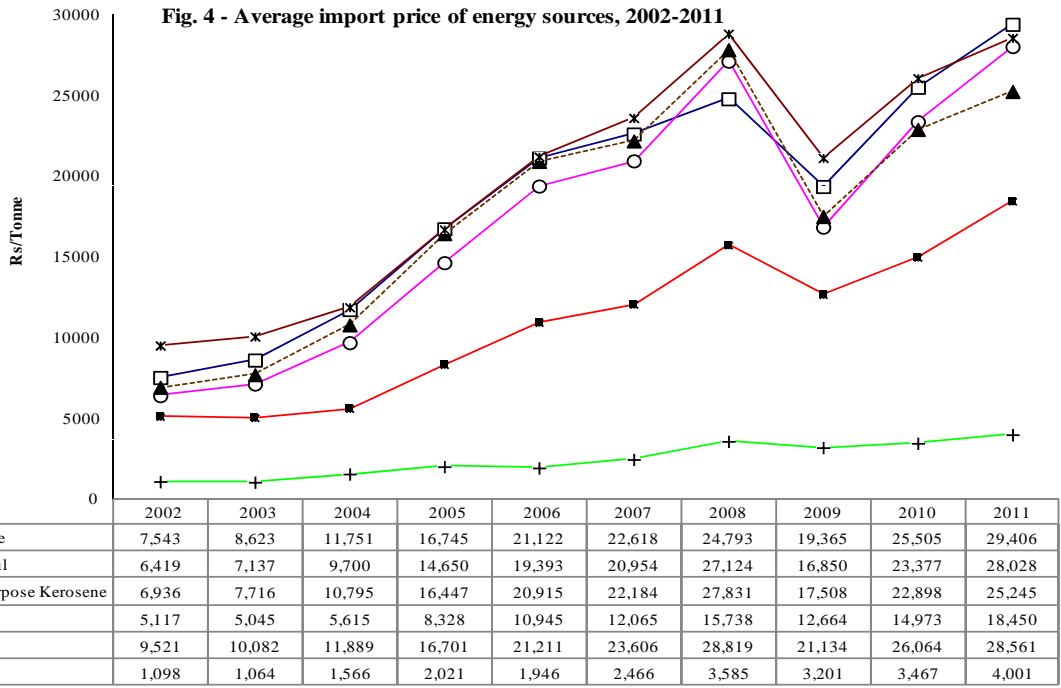


Fig. 5 - Retail price of petroleum products, 2002-2011

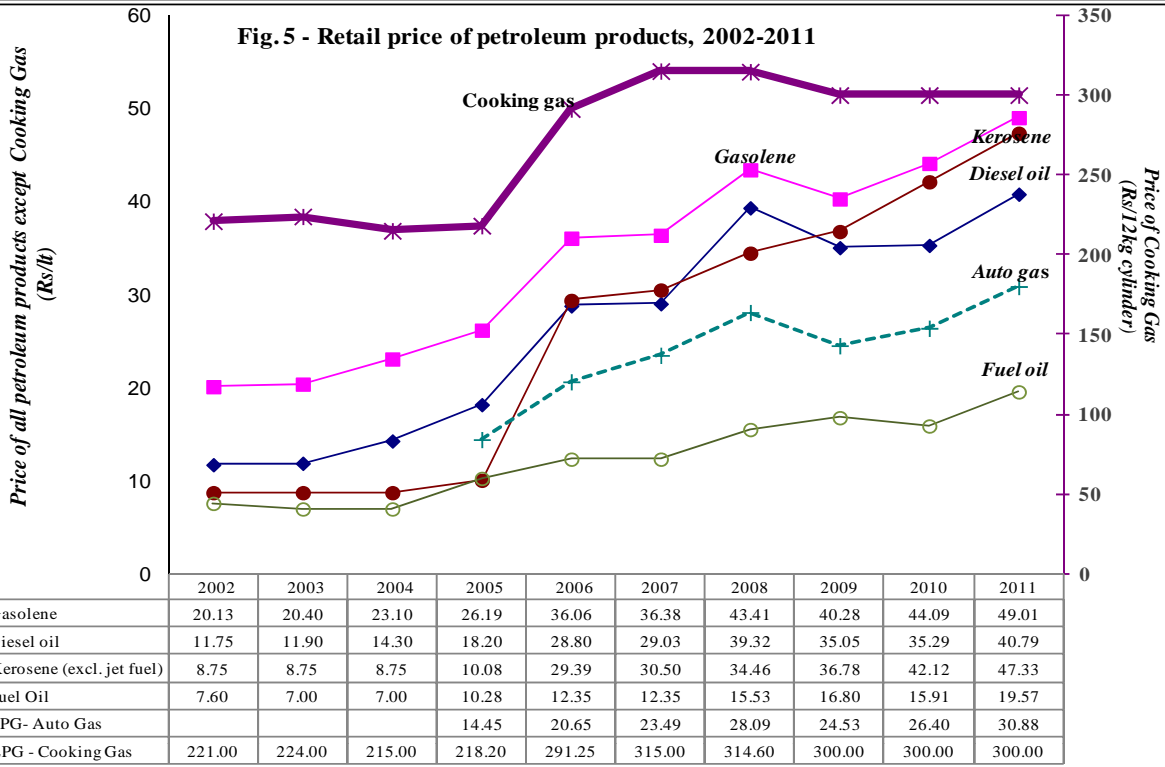


Fig. 6 - Average wholesale price of coal, 2004-2011 (Rupees per tonne)

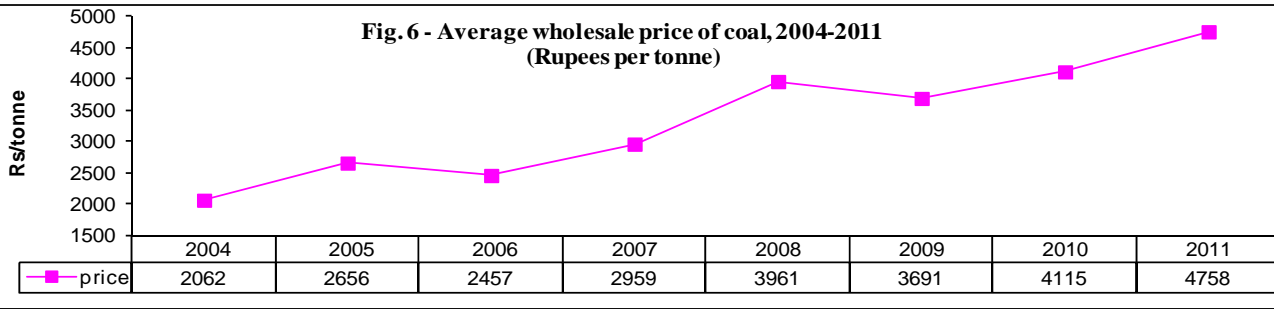


Table 6 - Evolution of power plant capacities, peak power demand and electricity generation, 2010-2011

Year	Installed capacity (MW)	Effective capacity (MW)	Peak power demand (MW)		Electricity generated (GWh)				
			Isl. Mts	Isl. Rod	Hydro	Wind	Landfill Gas	Thermal	Total
2010	740.2	665.3	404.1	6.1	100.7	2.5	-	2,585.5	2,688.7
2011	737.5	669.3	412.5	6.4	56.5	2.8	3.1	2,668.0	2,730.4

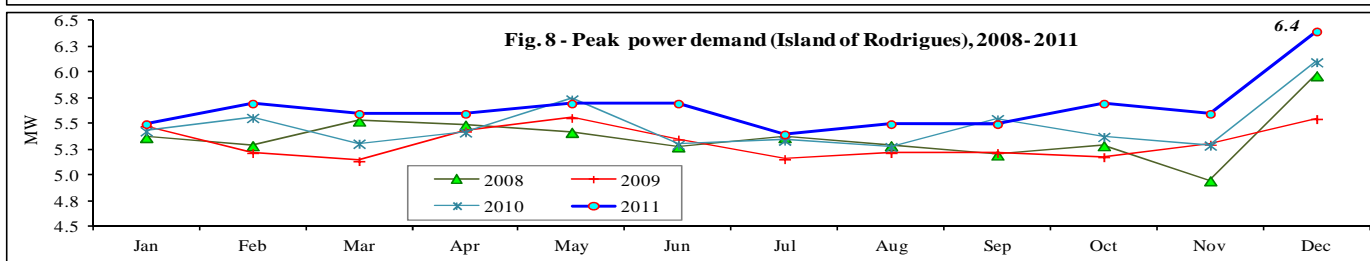
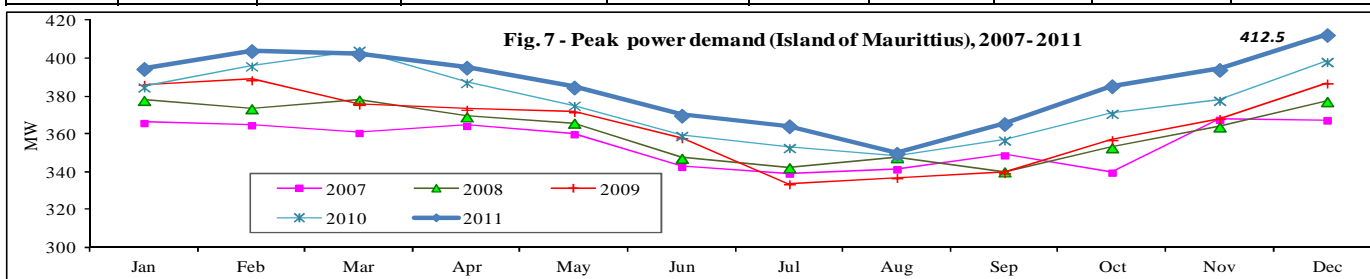


Table 7 - Electricity production by source of energy, 2010-2011

Source of energy	2010		2011	
	GWh	%	GWh	%
Primary energy	103.2	3.8	62.4	2.4
Hydro (renewable energy)	100.7	3.7	56.5	2.2
Wind (renewable energy)	2.5	0.1	2.8	0.1
Landfill gas (renewable energy)	-	-	3.1	0.1
Secondary energy	2,585.4	96.2	2,668.0	97.6
Gas turbine (kerosene)	18.9	0.7	11.6	0.4
Diesel & Fuel oil	976.6	36.3	1,058.7	38.8
Coal	1,039.5	38.7	1,108.2	40.6
Bagasse (renewable energy)	550.4	20.5	489.5	17.8
Total	2,688.7	100.0	2,730.4	100.0
<i>of which</i> : renewable energy (hydro, wind, landfill gas & bagasse)	653.6	24.3	551.9	20.2

Table 8 - Generation of electricity by CEB and IPP, 2010 - 2011

Power producer	2010		2011	
	GWh	%	GWh	%
CEB	1,098.7	40.9	1,129.6	41.4
Island of Mauritius	1,066.7	39.7	1,096.5	40.2
Hydro	100.7	3.7	56.5	2.1
Thermal	966.0	35.9	1,040.0	38.1
Island of Rodrigues	32.1	1.2	33.1	1.2
Wind	2.5	0.1	2.8	0.1
Thermal	29.6	1.1	30.3	1.1
IPP	1,589.9	59.1	1,600.8	58.6
Landfill gas	-	-	3.1	0.1
Thermal	1,589.9	59.1	1,597.7	58.5
of which: exported to CEB	1,309.4	48.7	1,336.7	49.0
Total	2,688.7	100.0	2,730.4	100.0
Island of Mauritius				
CEB	1,066.7	44.9	1,096.5	45.1
IPP export to CEB	1,309.6	55.1	1,336.7	54.9
Total units generated for sales	2,376.0	100.0	2,433.2	100.0

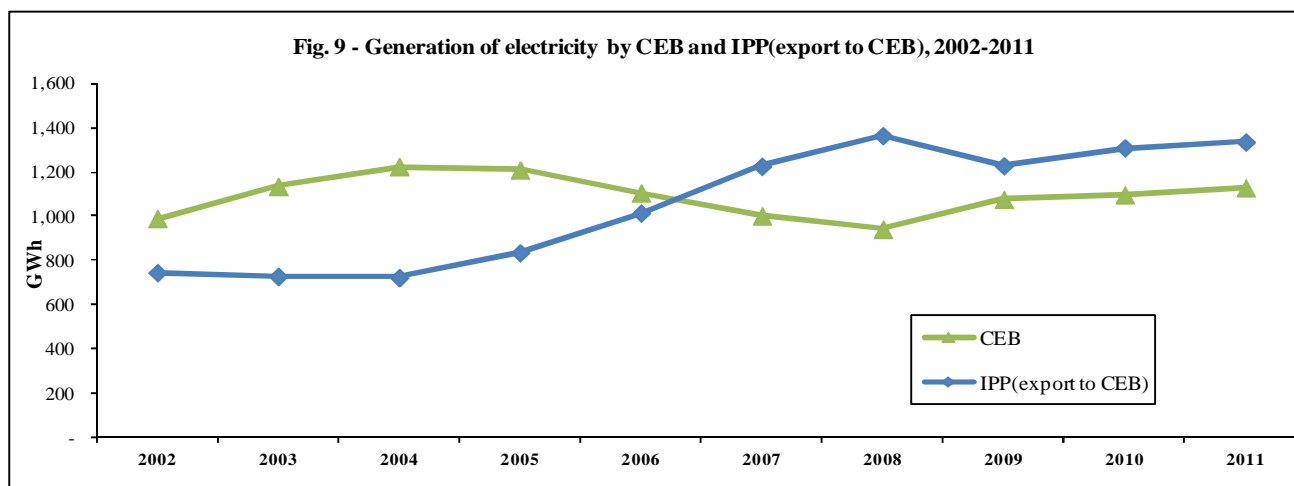


Table 9 - Fuel input for electricity production, 2010-2011

Fuel	2010			2011		
	Tonne	Ktoe	%	Tonne	Ktoe	%
Fuel oil	196,882	189.0	24.3	214,517	205.9	26.6
Diesel oil	1,997	2.0	0.3	1,524	1.5	0.2
Kerosene	6,008	6.3	0.8	3,659	3.8	0.5
Coal	643,049	398.7	51.2	617,297	382.7	49.5
Bagasse	1,140,383	182.5	23.4	1,119,040	179.1	23.2
Total		778.4	100.0		773.0	100.0

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

Table 10 - Sales of electricity by type of tariff, 2010-2011

Type of tariff	2010			2011		
	No. of consumers	Sales (MWh)	Average sales price ¹ per KWh (Rupees)	No. of consumers	Sales (MWh)	Average sales price ¹ per KWh (Rupees)
Domestic	364,474	710,721	5.16	372,315	725,264	5.66
Commercial	36,956	747,958	6.92	37,685	792,627	7.47
Industrial	7,008	677,616	3.29	6,818	679,444	3.55
of which: irrigation	517	23,837	2.65	528	22,520	2.82
Other	429	37,611	7.17	465	30,908	7.84
Total	408,867	2,173,906	5.22	417,283	2,228,243	5.69

¹Excluding VAT & meter rent

Source: Central Electricity Board (CEB)

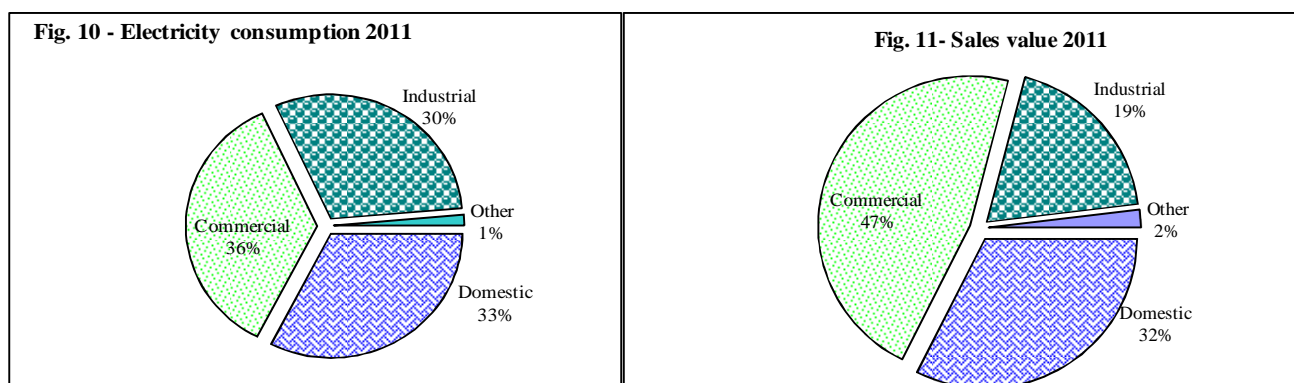


Table 11 - Final energy consumption by sector and type of fuel, 2010 - 2011

Sector	2010			2011		
	Tonne (except Electricity in GWh)	Ktoe	%	Tonne (except Electricity in GWh)	Ktoe	%
1. Manufacturing		231.1	27.1		221.7	25.7
1.1 excluding bagasse		188.6	22.1		182.6	21.2
Fuel oil	41,472	39.8	4.7	40,442	38.7	4.5
Diesel oil	46,543	47.0	5.5	43,094	43.5	5.0
LPG	5,122	5.5	0.6	5,238	5.7	0.7
Coal	24,786	15.4	1.8	24,091	14.9	1.7
Fuel wood ¹	1,426	0.5	0.1	1,425	0.5	0.1
Electricity (GWh)	934.3	80.4	9.4	918.4	79.2	9.2
1.2 bagasse	265,988	42.6	5.0	244,288	39.1	4.5
2. Transport		421.6	49.4		435.3	50.5
Land		290.6	34.1		293.3	34.0
Gasolene	115,266	124.5	14.6	117,370	126.8	14.7
LPG	4,641	5.0	0.6	4,502	4.9	0.6
Diesel oil	159,495	161.1	18.9	159,947	161.6	18.7
Air						
Aviation Fuel	118,553	123.3	14.4	129,170	134.3	15.6
Sea		7.7	0.9		7.7	0.9
Gasolene	2,960	3.2	0.4	3,014	3.3	0.4
Diesel oil	1,100	1.1	0.1	1,084	1.1	0.1
Fuel oil	3,537	3.4	0.4	3,449	3.3	0.4
3. Commercial and Distributive Trade		76.4	9.0		80.7	9.4
LPG	10,925	11.8	1.4	11,260	12.2	1.4
Charcoal ¹	453	0.3	0.0	469	0.3	0.0
Electricity (GWh)	748.0	64.3	7.5	792.6	68.2	7.9
4. Household		116.9	13.7		117.4	13.6
Kerosene	1,731	1.8	0.2	515	0.5	0.1
LPG	44,059	47.6	5.6	44,640	48.2	5.6
Fuelwood ¹	16,597	6.3	0.7	16,336	6.2	0.7
Charcoal ¹	119	0.1	0.0	116	0.1	0.0
Electricity (GWh)	710.7	61.1	7.2	725.3	62.4	7.2
5. Agriculture		4.4	0.5		4.3	0.5
Diesel oil ¹	2,325	2.4	0.3	2,344	2.4	0.3
Electricity (GWh)	23.8	2.1	0.2	22.5	1.9	0.2
6. Other (n.e.s)		3.6	0.4		2.9	0.3
TOTAL		854.1	100.0		862.2	100.0

1 Estimates

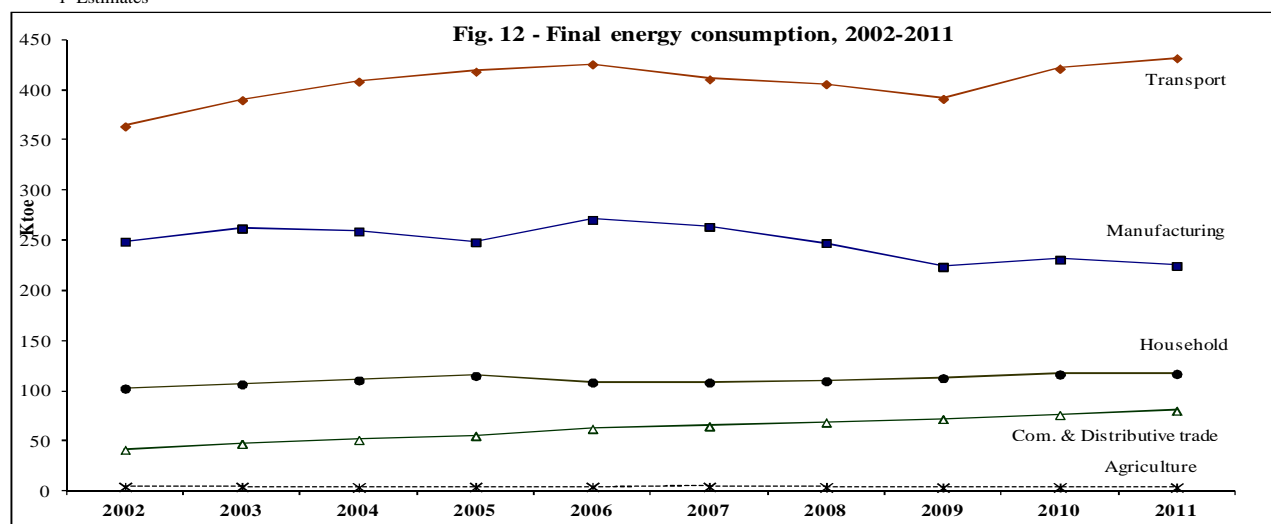


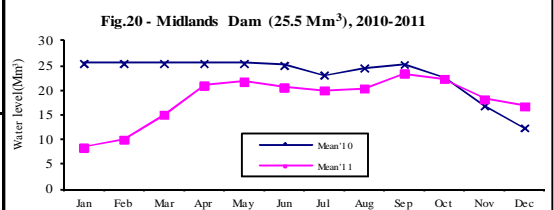
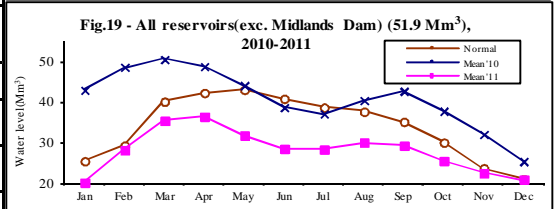
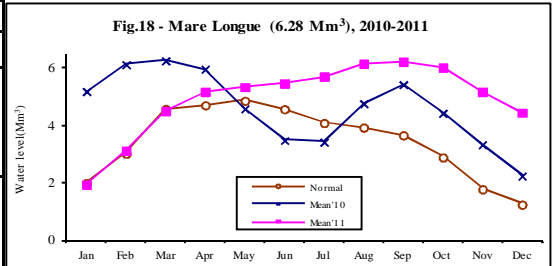
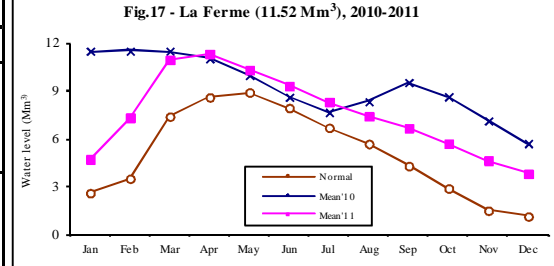
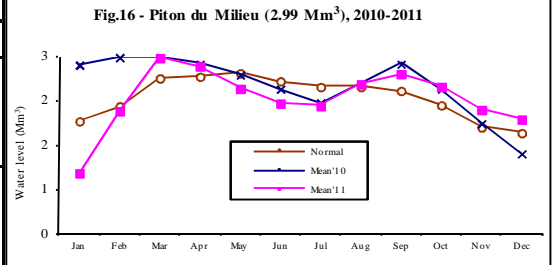
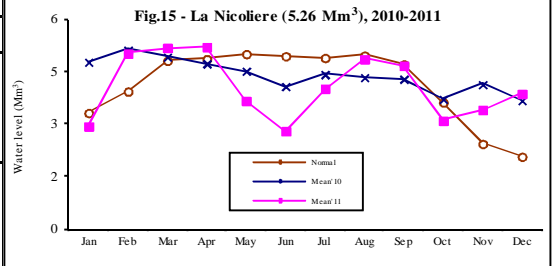
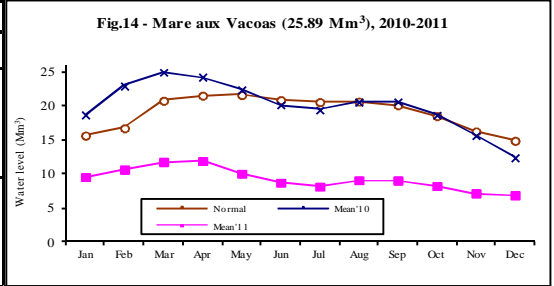
Table 12 - Mean rainfall, 2010-2011

		<i>Millimetres</i>																																																																																																																																																																																				
Period	Long Term Mean (1971-2000)	2010		2011		Long Term Mean (1971-2000)	2010		2011		Long Term Mean (1971-2000)	2010		2011		Long Term Mean (1971-2000)	2010		2011		Long Term Mean (1971-2000)	2010		2011																																																																																																																																																														
		Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean																																																																																																																																																															
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Year	North					South					East					West					Center																																																																																																																																																																	
	<i>1,341</i>	<i>1,061</i>	79	<i>1,435</i>	107	<i>2,557</i>	<i>2,400</i>	94	<i>2,210</i>	90	<i>2,065</i>	<i>2,757</i>	133	<i>2,797</i>	135	<i>918</i>	<i>610</i>	69	<i>1,051</i>	119	<i>2,790</i>	<i>2,154</i>	77	<i>2,128</i>	76																																																																																																																																																													
Jan	<i>186</i>	<i>216</i>	116	<i>188</i>	101	<i>290</i>	<i>422</i>	146	<i>223</i>	77	<i>260</i>	<i>524</i>	202	<i>480</i>	184	<i>167</i>	<i>115</i>	69	<i>288</i>	172	<i>354</i>	<i>314</i>	89	<i>374</i>	106																																																																																																																																																													
Feb	<i>245</i>	<i>146</i>	60	<i>241</i>	98	<i>366</i>	<i>461</i>	126	<i>438</i>	120	<i>336</i>	<i>624</i>	186	<i>396</i>	118	<i>219</i>	<i>221</i>	101	<i>223</i>	102	<i>464</i>	<i>435</i>	94	<i>346</i>	74																																																																																																																																																													
Mar	<i>161</i>	<i>186</i>	116	<i>373</i>	232	<i>325</i>	<i>389</i>	120	<i>365</i>	112	<i>243</i>	<i>417</i>	172	<i>582</i>	240	<i>112</i>	<i>124</i>	111	<i>157</i>	140	<i>337</i>	<i>238</i>	71	<i>384</i>	114																																																																																																																																																													
Apr	<i>165</i>	<i>75</i>	45	<i>72</i>	44	<i>280</i>	<i>248</i>	89	<i>63</i>	22	<i>245</i>	<i>173</i>	71	<i>96</i>	39	<i>97</i>	<i>36</i>	37	<i>3</i>	3	<i>293</i>	<i>144</i>	49	<i>53</i>	18																																																																																																																																																													
May	<i>107</i>	<i>79</i>	74	<i>88</i>	82	<i>212</i>	<i>139</i>	66	<i>116</i>	55	<i>180</i>	<i>206</i>	114	<i>164</i>	91	<i>56</i>	<i>19</i>	34	<i>91</i>	163	<i>210</i>	<i>155</i>	74	<i>114</i>	54																																																																																																																																																													
Jun	<i>72</i>	<i>39</i>	54	<i>123</i>	171	<i>157</i>	<i>75</i>	48	<i>171</i>	109	<i>123</i>	<i>73</i>	59	<i>203</i>	165	<i>33</i>	<i>6</i>	18	<i>101</i>	304	<i>163</i>	<i>97</i>	60	<i>159</i>	98																																																																																																																																																													
Jul	<i>73</i>	<i>82</i>	112	<i>58</i>	79	<i>180</i>	<i>208</i>	116	<i>138</i>	77	<i>116</i>	<i>210</i>	181	<i>142</i>	122	<i>25</i>	<i>29</i>	116	<i>10</i>	40	<i>181</i>	<i>256</i>	141	<i>11</i>	6																																																																																																																																																													
Aug	<i>68</i>	<i>105</i>	154	<i>115</i>	169	<i>180</i>	<i>175</i>	97	<i>208</i>	116	<i>114</i>	<i>229</i>	201	<i>278</i>	244	<i>26</i>	<i>29</i>	112	<i>51</i>	196	<i>192</i>	<i>234</i>	122	<i>204</i>	106																																																																																																																																																													
Sep	<i>44</i>	<i>29</i>	66	<i>13</i>	30	<i>112</i>	<i>80</i>	71	<i>58</i>	52	<i>79</i>	<i>77</i>	97	<i>74</i>	94	<i>20</i>	<i>12</i>	60	<i>3</i>	15	<i>126</i>	<i>97</i>	77	<i>71</i>	56																																																																																																																																																													
Oct	<i>41</i>	<i>20</i>	49	<i>7</i>	17	<i>96</i>	<i>80</i>	83	<i>77</i>	80	<i>74</i>	<i>45</i>	61	<i>103</i>	139	<i>18</i>	<i>1</i>	6	<i>1</i>	6	<i>102</i>	<i>70</i>	69	<i>69</i>	68																																																																																																																																																													
Nov	<i>47</i>	<i>72</i>	153	<i>34</i>	72	<i>110</i>	<i>105</i>	95	<i>92</i>	84	<i>86</i>	<i>160</i>	186	<i>53</i>	62	<i>31</i>	<i>11</i>	35	<i>59</i>	190	<i>105</i>	<i>95</i>	90	<i>113</i>	108																																																																																																																																																													
Dec	<i>132</i>	<i>12</i>	9	<i>123</i>	93	<i>249</i>	<i>18</i>	7	<i>261</i>	105	<i>209</i>	<i>19</i>	9	<i>226</i>	108	<i>114</i>	<i>7</i>	6	<i>64</i>	56	<i>263</i>	<i>19</i>	7	<i>230</i>	87																																																																																																																																																													
Island of Rodrigues																																																																																																																																																																																						
Year	Island of Mauritius					Island of Rodrigues					<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="5">Island of Mauritius</th> <th colspan="5">Island of Rodrigues</th> </tr> <tr> <td><i>2,006</i></td><td><i>1,806</i></td><td>90</td><td><i>1,945</i></td><td>97</td> <td><i>1,105</i></td><td><i>1,142</i></td><td>103</td><td><i>834</i></td><td>76</td> </tr> </thead> <tbody> <tr> <td>Jan</td> <td><i>261</i></td><td><i>318</i></td><td>122</td><td><i>304</i></td><td>116</td> <td><i>150</i></td><td><i>208</i></td><td>139</td><td><i>90</i></td><td>60</td> </tr> <tr> <td>Feb</td> <td><i>336</i></td><td><i>374</i></td><td>111</td><td><i>330</i></td><td>98</td> <td><i>185</i></td><td><i>169</i></td><td>91</td><td><i>85</i></td><td>46</td> </tr> <tr> <td>Mar</td> <td><i>242</i></td><td><i>271</i></td><td>112</td><td><i>373</i></td><td>154</td> <td><i>131</i></td><td><i>69</i></td><td>53</td><td><i>109</i></td><td>83</td> </tr> <tr> <td>Apr</td> <td><i>221</i></td><td><i>138</i></td><td>61</td><td><i>58</i></td><td>26</td> <td><i>117</i></td><td><i>214</i></td><td>183</td><td><i>43</i></td><td>37</td> </tr> <tr> <td>May</td> <td><i>159</i></td><td><i>120</i></td><td>75</td><td><i>114</i></td><td>72</td> <td><i>78</i></td><td><i>144</i></td><td>185</td><td><i>73</i></td><td>93</td> </tr> <tr> <td>Jun</td> <td><i>115</i></td><td><i>60</i></td><td>52</td><td><i>151</i></td><td>132</td> <td><i>78</i></td><td><i>46</i></td><td>59</td><td><i>69</i></td><td>89</td> </tr> <tr> <td>Jul</td> <td><i>120</i></td><td><i>160</i></td><td>133</td><td><i>93</i></td><td>78</td> <td><i>81</i></td><td><i>76</i></td><td>94</td><td><i>65</i></td><td>80</td> </tr> <tr> <td>Aug</td> <td><i>122</i></td><td><i>156</i></td><td>128</td><td><i>172</i></td><td>141</td> <td><i>59</i></td><td><i>67</i></td><td>114</td><td><i>99</i></td><td>167</td> </tr> <tr> <td>Sep</td> <td><i>81</i></td><td><i>60</i></td><td>74</td><td><i>44</i></td><td>54</td> <td><i>44</i></td><td><i>16</i></td><td>36</td><td><i>9</i></td><td>21</td> </tr> <tr> <td>Oct</td> <td><i>70</i></td><td><i>45</i></td><td>64</td><td><i>51</i></td><td>73</td> <td><i>41</i></td><td><i>46</i></td><td>112</td><td><i>71</i></td><td>174</td> </tr> <tr> <td>Nov</td> <td><i>80</i></td><td><i>89</i></td><td>111</td><td><i>71</i></td><td>89</td> <td><i>70</i></td><td><i>50</i></td><td>71</td><td><i>18</i></td><td>26</td> </tr> <tr> <td>Dec</td> <td><i>199</i></td><td><i>15</i></td><td>8</td><td><i>184</i></td><td>92</td> <td><i>71</i></td><td><i>37</i></td><td>52</td><td><i>103</i></td><td>145</td> </tr> </tbody> </table> </div> <div style="width: 45%;"> <p style="text-align: center;">Fig. 13 - Mean annual rainfall, 2010 & 2011</p> </div> </div>																			Year	Island of Mauritius					Island of Rodrigues					<i>2,006</i>	<i>1,806</i>	90	<i>1,945</i>	97	<i>1,105</i>	<i>1,142</i>	103	<i>834</i>	76	Jan	<i>261</i>	<i>318</i>	122	<i>304</i>	116	<i>150</i>	<i>208</i>	139	<i>90</i>	60	Feb	<i>336</i>	<i>374</i>	111	<i>330</i>	98	<i>185</i>	<i>169</i>	91	<i>85</i>	46	Mar	<i>242</i>	<i>271</i>	112	<i>373</i>	154	<i>131</i>	<i>69</i>	53	<i>109</i>	83	Apr	<i>221</i>	<i>138</i>	61	<i>58</i>	26	<i>117</i>	<i>214</i>	183	<i>43</i>	37	May	<i>159</i>	<i>120</i>	75	<i>114</i>	72	<i>78</i>	<i>144</i>	185	<i>73</i>	93	Jun	<i>115</i>	<i>60</i>	52	<i>151</i>	132	<i>78</i>	<i>46</i>	59	<i>69</i>	89	Jul	<i>120</i>	<i>160</i>	133	<i>93</i>	78	<i>81</i>	<i>76</i>	94	<i>65</i>	80	Aug	<i>122</i>	<i>156</i>	128	<i>172</i>	141	<i>59</i>	<i>67</i>	114	<i>99</i>	167	Sep	<i>81</i>	<i>60</i>	74	<i>44</i>	54	<i>44</i>	<i>16</i>	36	<i>9</i>	21	Oct	<i>70</i>	<i>45</i>	64	<i>51</i>	73	<i>41</i>	<i>46</i>	112	<i>71</i>	174	Nov	<i>80</i>	<i>89</i>	111	<i>71</i>	89	<i>70</i>	<i>50</i>	71	<i>18</i>	26	Dec	<i>199</i>	<i>15</i>	8	<i>184</i>	92	<i>71</i>	<i>37</i>	52	<i>103</i>	145
	Year	Island of Mauritius					Island of Rodrigues																																																																																																																																																																															
<i>2,006</i>		<i>1,806</i>	90	<i>1,945</i>	97	<i>1,105</i>	<i>1,142</i>	103	<i>834</i>	76																																																																																																																																																																												
Jan	<i>261</i>	<i>318</i>	122	<i>304</i>	116	<i>150</i>	<i>208</i>	139	<i>90</i>	60																																																																																																																																																																												
Feb	<i>336</i>	<i>374</i>	111	<i>330</i>	98	<i>185</i>	<i>169</i>	91	<i>85</i>	46																																																																																																																																																																												
Mar	<i>242</i>	<i>271</i>	112	<i>373</i>	154	<i>131</i>	<i>69</i>	53	<i>109</i>	83																																																																																																																																																																												
Apr	<i>221</i>	<i>138</i>	61	<i>58</i>	26	<i>117</i>	<i>214</i>	183	<i>43</i>	37																																																																																																																																																																												
May	<i>159</i>	<i>120</i>	75	<i>114</i>	72	<i>78</i>	<i>144</i>	185	<i>73</i>	93																																																																																																																																																																												
Jun	<i>115</i>	<i>60</i>	52	<i>151</i>	132	<i>78</i>	<i>46</i>	59	<i>69</i>	89																																																																																																																																																																												
Jul	<i>120</i>	<i>160</i>	133	<i>93</i>	78	<i>81</i>	<i>76</i>	94	<i>65</i>	80																																																																																																																																																																												
Aug	<i>122</i>	<i>156</i>	128	<i>172</i>	141	<i>59</i>	<i>67</i>	114	<i>99</i>	167																																																																																																																																																																												
Sep	<i>81</i>	<i>60</i>	74	<i>44</i>	54	<i>44</i>	<i>16</i>	36	<i>9</i>	21																																																																																																																																																																												
Oct	<i>70</i>	<i>45</i>	64	<i>51</i>	73	<i>41</i>	<i>46</i>	112	<i>71</i>	174																																																																																																																																																																												
Nov	<i>80</i>	<i>89</i>	111	<i>71</i>	89	<i>70</i>	<i>50</i>	71	<i>18</i>	26																																																																																																																																																																												
Dec	<i>199</i>	<i>15</i>	8	<i>184</i>	92	<i>71</i>	<i>37</i>	52	<i>103</i>	145																																																																																																																																																																												

Source: Mauritius Meteorological Services

Table 13 - Percentage water level by month and reservoir, 2010-201

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Mare aux Vacoas													
Normal*	60	65	80	83	83	81	79	80	78	72	63	58	
2010	Mean	72	88	96	94	86	78	75	79	80	72	60	48
	Min	69	76	95	91	83	74	74	78	75	67	55	41
	Max	77	98	97	96	91	83	77	82	83	76	67	55
2011	Mean	37	41	46	46	39	34	32	35	35	32	28	27
	Min	34	37	42	42	36	33	31	31	33	30	26	26
	Max	41	44	49	49	42	35	33	36	36	33	30	27
La Nicoliere													
Normal*	63	75	91	92	95	94	93	94	89	69	46	39	
2010	Mean	91	97	94	90	86	77	84	82	81	70	78	70
	Min	70	86	87	84	78	68	73	68	68	67	70	53
	Max	100	100	99	93	93	90	100	100	97	73	87	85
2011	Mean	56	95	98	99	70	53	76	92	89	59	65	73
	Min	48	81	91	90	49	39	73	73	66	49	62	66
	Max	78	100	100	100	87	72	81	100	100	63	67	84
Piton du Milieu													
Normal*	64	72	88	89	91	86	83	83	81	73	60	57	
2010	Mean	95	100	99	96	90	82	74	85	96	82	62	45
	Min	89	98	99	93	87	75	72	78	90	72	54	37
	Max	100	100	100	99	94	88	77	97	99	90	71	54
2011	Mean	34	69	99	95	82	74	72	85	90	83	70	65
	Min	30	44	99	88	76	72	71	73	87	77	63	57
	Max	43	98	100	99	88	76	74	92	92	86	77	70
La Ferme													
Normal*	23	30	64	75	77	69	58	49	37	25	13	10	
2010	Mean	100	100	100	96	87	75	67	72	83	75	62	50
	Min	98	100	99	93	81	69	66	68	81	68	57	43
	Max	100	100	100	100	92	81	69	81	84	81	68	56
2011	Mean	41	64	95	98	90	81	72	64	58	49	40	33
	Min	38	49	83	93	83	79	66	61	54	45	36	31
	Max	47	82	100	100	94	83	79	66	61	54	45	36
Mare Longue													
Normal*	32	48	73	75	77	73	65	63	58	46	28	20	
2010	Mean	83	97	100	95	73	55	55	76	86	71	53	36
	Min	79	91	99	86	64	51	50	66	77	63	45	29
	Max	90	100	100	100	85	63	65	86	91	76	62	44
2011	Mean	31	50	72	82	85	87	91	98	99	96	82	71
	Min	29	38	62	81	83	85	89	93	98	90	75	66
	Max	38	62	80	83	86	90	92	100	99	98	89	76
All reservoirs (excluding Midlands Dam)													
Normal*	49	56	77	82	83	79	75	73	68	58	46	41	
2010	Mean	83	94	97	94	85	75	71	78	82	73	62	49
2011	Mean	39	54	68	70	61	55	55	58	56	49	43	40
Midlands Dam													
2010	Mean	100	100	100	100	100	98	91	96	99	88	67	49
	Min	100	100	100	100	100	95	88	91	96	78	57	41
	Max	100	100	100	100	100	100	94	100	100	96	78	57
2011	Mean	37	49	72	84	87	83	79	87	94	93	80	72
	Min	33	39	59	82	86	81	79	80	92	88	72	66
	Max	41	59	82	86	88	86	81	92	95	96	87	78



* Normal is the long term mean for 1990-1999

Table 14 - Average monthly potable water production (Mm³), 2010-2011 (Island of Mauritius)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole
Million cubic metres (Mm³)																							
2010	41.2	6.3	47.5	-	30.2	30.2	21.6	13.8	35.4	25.6	25.7	51.3	10.3	16.3	26.6	10.4	22.0	32.4	109.1	114.3	223.4	48.8%	51.2%
Jan	3.6	0.5	4.1	-	2.7	2.7	1.8	1.2	3.0	2.2	2.1	4.3	0.8	1.4	2.2	0.9	1.9	2.8	9.3	9.8	19.1	48.7%	51.3%
Feb	3.2	0.5	3.7	-	2.0	2.0	1.5	1.1	2.6	2.0	1.9	3.9	0.7	1.2	1.9	0.8	1.7	2.5	8.2	8.4	16.6	49.4%	50.6%
Mar	3.7	0.6	4.3	-	2.6	2.6	1.8	1.2	3.0	2.1	2.2	4.3	0.9	1.4	2.3	0.9	1.9	2.8	9.4	9.9	19.3	48.7%	51.3%
Apr	3.6	0.5	4.1	-	2.5	2.5	1.9	1.2	3.1	2.0	2.2	4.2	0.9	1.3	2.2	0.8	1.8	2.6	9.2	9.5	18.7	49.2%	50.8%
May	3.2	0.5	3.7	-	2.6	2.6	1.8	1.6	3.4	1.9	2.3	4.2	0.9	1.4	2.3	0.9	1.9	2.8	8.7	10.3	19.0	45.8%	54.2%
Jun	3.7	0.6	4.3	-	2.6	2.6	1.8	1.1	2.9	2.0	2.2	4.2	0.9	1.3	2.2	0.8	1.8	2.6	9.2	9.6	18.8	48.9%	51.1%
Jul	3.3	0.6	3.9	-	2.5	2.5	1.9	1.1	3.0	2.0	2.2	4.2	0.9	1.4	2.3	0.9	1.9	2.8	9.0	9.7	18.7	48.1%	51.9%
Aug	3.3	0.5	3.8	-	2.6	2.6	1.9	1.1	3.0	2.3	2.3	4.6	0.9	1.4	2.3	0.9	1.9	2.8	9.3	9.8	19.1	48.7%	51.3%
Sep	3.3	0.5	3.8	-	2.5	2.5	1.8	1.0	2.8	2.2	2.1	4.3	0.9	1.4	2.3	0.9	1.8	2.7	9.1	9.3	18.4	49.5%	50.5%
Oct	3.5	0.5	4.0	-	2.5	2.5	1.9	1.1	3.0	2.3	2.1	4.4	0.9	1.4	2.3	0.9	1.9	2.8	9.5	9.5	19.0	50.0%	50.0%
Nov	3.3	0.5	3.8	-	2.5	2.5	1.8	1.1	2.9	2.3	2.0	4.3	0.9	1.3	2.2	0.9	1.7	2.6	9.2	9.1	18.3	50.3%	49.7%
Dec	3.5	0.5	4.0	-	2.6	2.6	1.7	1.0	2.7	2.3	2.1	4.4	0.7	1.4	2.1	0.8	1.8	2.6	9.0	9.4	18.4	48.9%	51.1%
2011	28.0	6.1	34.1	-	28.7	28.7	21.3	12.5	33.8	25.6	23.9	49.5	9.2	17.7	26.9	9.2	20.4	29.6	93.3	108.3	201.6	46.3%	53.7%
Jan	3.1	0.4	3.5	-	2.2	2.2	1.7	1.2	2.9	2.1	1.9	4	0.6	1.3	1.9	0.7	1.7	2.4	8.2	8.7	16.9	48.5%	51.5%
Feb	2.3	0.6	2.9	-	2.4	2.4	1.6	1.2	2.8	1.9	1.8	3.7	0.7	1.4	2.1	0.6	1.7	2.3	7.1	9.1	16.2	43.8%	56.2%
Mar	2.6	0.6	3.2	-	2.8	2.8	1.8	1.2	3.0	2.1	2.1	4.2	0.7	1.7	2.4	0.9	2	2.9	8.1	10.4	18.5	43.8%	56.2%
Apr	2.9	0.5	3.4	-	2.6	2.6	1.8	1.2	3.0	2.3	2.2	4.5	0.7	1.5	2.2	0.9	1.8	2.7	8.6	9.8	18.4	46.7%	53.3%
May	2.5	0.5	3	-	2.6	2.6	1.9	1.2	3.1	2.3	2.1	4.4	0.8	1.5	2.3	0.8	1.8	2.6	8.3	9.7	18	46.1%	53.9%
Jun	1.9	0.5	2.4	-	2.4	2.4	1.7	1.0	2.7	2	2	4	0.8	1.3	2.1	0.7	1.7	2.4	7.1	8.9	16	44.4%	55.6%
Jul	2	0.5	2.5	-	2.4	2.4	1.9	0.9	2.8	2	2.1	4.1	0.9	1.7	2.6	0.7	1.8	2.5	7.5	8.4	15.9	47.2%	52.8%
Aug	2.2	0.5	2.7	-	2.5	2.5	1.9	0.9	2.8	2.2	2	4.2	0.8	1.6	2.4	0.7	1.7	2.4	7.8	9.2	17	45.9%	54.1%
Sep	1.9	0.5	2.4	-	2.6	2.6	1.8	1.1	2.9	2.2	1.9	4.1	0.8	1.5	2.3	0.7	1.6	2.3	7.4	9.2	16.6	44.6%	55.4%
Oct	2.1	0.5	2.6	-	2.2	2.2	1.9	0.9	2.8	2.2	2	4.2	0.8	1.5	2.3	0.8	1.5	2.3	7.8	8.6	16.4	47.6%	52.4%
Nov	2.1	0.5	2.6	-	1.9	1.9	1.6	1.0	2.6	2.1	1.9	4	0.7	1.3	2	0.8	1.5	2.3	7.3	8.1	15.4	47.4%	52.6%
Dec	2.4	0.5	2.9	-	2.1	2.1	1.7	0.7	2.4	2.2	1.9	4.1	0.9	1.4	2.3	0.9	1.6	2.5	8.1	8.2	16.3	49.7%	50.3%

Source: Central Water Authority

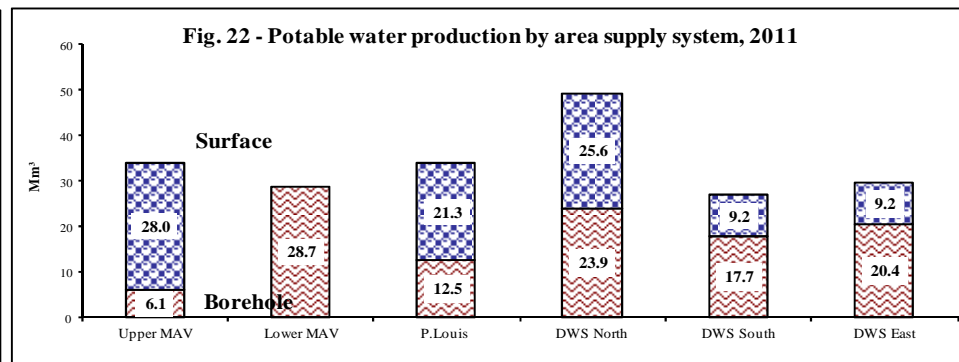
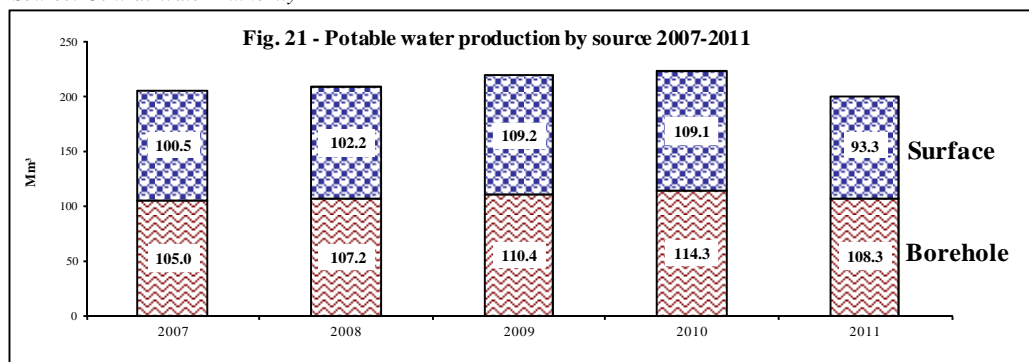


Table 15 - Water sales by type of tariff of subscriber, 2010-2011 (Island of Mauritius)

Type of tariff	2010							2011						
	Subscribers		Volume sold		Amount collectible		Average consumption (m ³)	Subscribers		Volume sold		Amount collectible		Average consumption (m ³)
	No.	%	Mm ³	%	Rs million	%		No.	%	Mm ³	%	Rs million	%	
Domestic	299,300	93.0	76.5	66.5	550.6	53.2	256	305,121	92.9	73.7	65.0	516.8	52.4	241
Government	4,224	1.3	4.9	4.2	86.8	8.4	1,157	4,288	1.3	4.4	3.9	78.0	7.9	1,036
Acquired / concessionary prizes	39	0.0	0.0	0.0	0.1	0.0	370	39	0.0	0.0	0.0	0.0	-	39
Commercial	13,308	4.1	8.0	6.9	134.9	13.0	599	13,696	4.2	7.4	6.5	124.2	12.6	542
Hotels, Guest Houses	297	0.1	5.1	4.4	147.4	14.2	17,026	307	0.1	5.2	4.5	148.4	15.0	16,787
Industrial	661	0.2	4.3	3.7	64.2	6.2	6,483	648	0.2	4.3	3.8	63.9	6.5	6,571
Ship	1	0.0	0.0	0.0	1.4	0.1	48,377	1	0.0	0.0	0.0	1.4	0.1	48,962
Sub total	317,830	98.7	98.8	85.7	985.4	95.1	311	324,100	98.7	95.0	83.8	932.7	94.6	293
Vegetable & Livestock producers	3,774	1.2	1.5	1.3	12.1	1.2	407	3,915	1.2	1.5	1.3	11.1	1.1	372
Total potable water	321,604	99.9	100.3	87.2	997.4	96.3	312	328,015	99.9	96.4	85.1	943.8	95.7	294
Total non-treated water (Agriculture/Industry)	296	0.1	14.7	12.8	38.3	3.7	49,587	311	0.1	16.9	14.9	42.3	4.3	54,380
Grand Total	321,900	100.0	115.0	100.0	1035.8	100.0	357	328,326	100.0	113.4	100.0	986.1	100.0	345

Source: Central Water Authority

Fig. 23 - Water sold by type of tariff, 2011

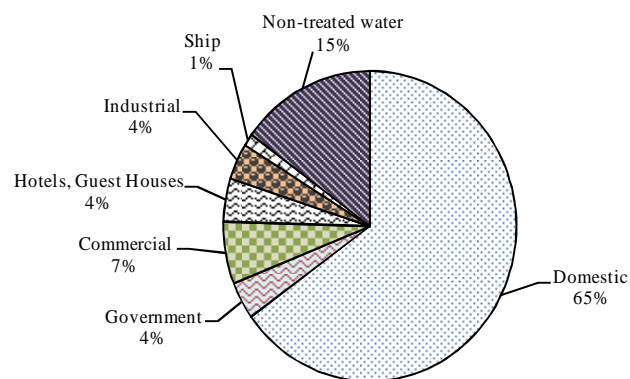


Fig. 24 - Amount collectible by type of tariff, 2011

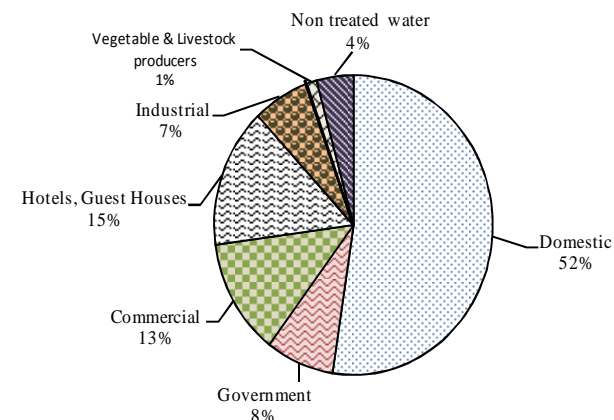


Table 16 - Main Indicators, 2007 - 2011

Indicators	Unit	2007	2008	2009	2010 ¹	2011
Mid-year population, Republic of Mauritius	thousand	1,260	1,269	1,275	1,281	1,286
GDP in 1990 rupees	Rs. Million	86,375	91,125	93,888	97,832	101,843
GDP index (1990 = 100)		218.0	230.0	237.0	247.0	257.0
Total primary energy requirement	ktoe	1,381.8	1,404.4	1,346.9	1,430.7	1,426.8
<i>Imported</i>	<i>ktoe</i>	<i>1,136.0</i>	<i>1,140.9</i>	<i>1,110.6</i>	<i>1,189.1</i>	<i>1,195.7</i>
<i>Local</i>	<i>ktoe</i>	<i>245.8</i>	<i>263.5</i>	<i>236.3</i>	<i>241.6</i>	<i>231.1</i>
Annual increase	%	+0.4	+1.6	-4.1	+6.2	-0.3
Total primary energy requirement index (1990 = 100)		189.1	192.2	184.3	195.8	195.2
Total final energy consumption	ktoe	857.5	841.2	808.6	854.1	862.3
Total electricity generated	GWh	2,465	2,557	2,577	2,689	2,730
Total electricity sold	GWh	1,975	2,054	2,069	2,174	2,228
Efficiency Indicators						
Import dependency	%	82.2	81.2	82.5	83.1	83.8
Energy intensity	toe per Rs.100,000 GDP at 1990 prices	1.60	1.54	1.43	1.46	1.40
Per capita primary energy requirement	toe	1.10	1.11	1.06	1.12	1.11
Per capita final energy consumption	toe	0.68	0.66	0.63	0.67	0.67
Per capita consumption of electricity sold	kWh	1,567	1,619	1,623	1,697	1,733
Mean annual rainfall, Island of Mauritius	Millimetres	1,954	2,382	2,397	1,806	1,945
Mean annual rainfall, Island of Rodrigues ²	Millimetres	1,226	1,055	949	1,142	834
Potable water produced ³	Mm ³	205	209	220	223	202
Potable water consumed ³	Mm ³	95	94	98	100	96
Potable water consumed per capita per day ³	litres	213	209	217	221	211

1 Revised

2 Refers to Pte Canon only

3 Refers to Island of Mauritius only