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**DIGEST
OF
ENERGY AND WATER
STATISTICS - 2004**

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DIGEST OF ENERGY AND WATER STATISTICS - 2004

FOREWORD

This is the seventh publication of the Central Statistics Office on energy and water statistics. Data presented on energy refer to the period 1995 to 2004, while those on water are from 2000 to 2004. All data refer to the Republic of Mauritius, unless otherwise specified. These may be subject to revision in subsequent issues of the digest.

In this issue, the energy content of electricity from hydro has been revised from thermal primary equivalent to thermal final equivalent in order to be consistent with international practices. This change in conversion factor has a slight downward effect on our total primary energy requirements and data for the years 1995 onwards have been amended accordingly.

It is hoped that the statistics contained in this publication will prove useful to a wide range of users including planners, policy makers and research workers.

This digest has been prepared with the collaboration of the Ministry of Public Utilities, the Central Electricity Board, the Central Water Authority and several other public and private organisations. The co-operation and assistance of all these organisations are gratefully acknowledged.

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Symbols & abbreviations

-	Nil
...	Not available
000	Thousand
m ³	cubic metres
max	maximum
min	minimum
mm	millimetres
Mm ³	million cubic metres
mn	million
toe	Tonne of oil equivalent
ktoe	Thousand tonnes of oil equivalent
c.i.f	cost, insurance and freight
LPG	Liquefied Petroleum Gas
DPK	Dual Purpose Kerosene
MW	Megawatt (1,000 kW)
kWh	Kilowatt hour
GWh	Gigawatt hour (million kWh)
CEB	Central Electricity Board
IPP	Independent Power Producers
GDP	Gross Domestic Product
Rod.	Island of Rodrigues



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 of the different fuels in terms of a common accounting unit, tonnes of oil equivalent (toe*).

Energy source	Tonne	toe
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
	GWh	toe
Hydro/Wind	1	86
Electricity	1	86

Note: Previously electricity from hydro was converted into its thermal primary equivalent (1 GWh = 220 toe). To be consistent with international practice, its thermal final equivalent, (1 GWh = 86 toe), is being used. Data for the year 1995 onwards have been amended accordingly.

* 1 toe = 41.84 gigajoule (net calorific value)

ENERGY AND WATER STATISTICS, 2004 – An overview

Introduction

This issue of the Digest of Energy and Water Statistics contains energy statistics covering the years 1995 to 2004, and water statistics for the years 2000 to 2004. These statistics have been compiled in close collaboration with the Ministry of Public Utilities, Central Electricity Board, Central Water Authority and Water Resources Unit. The Tables refer to the Republic of Mauritius unless otherwise stated.

2. Energy

2.1 The energy commodity balance

The energy commodity balance (Tables 1.1 and 1.2) shows the supply and final uses of electricity and the different types of fuel. Total primary energy requirement is obtained as the sum of the indigenous production (hydro, fuelwood and bagasse) and imports less re-exports and bunkering, after stock adjustments. The transformation process is the conversion of primary energy into secondary energy, for example, transformation of coal and fuel oil into electricity. Own use and losses during transformation are also recorded. Final energy consumption is the total amount of energy required by end users as a final product. End-users are categorised into five sectors, namely manufacturing, transport, commercial and distributive trade, residential and agriculture.

For meaningful analysis, the quantities of the different types of fuel have been expressed in common energy unit, namely, tonnes of oil equivalent (**toe**). The conversion factors used are given on page 10.

2.2 Main energy indicators

The total primary energy requirement index, expressed with 1990 as reference year (1990 = 100), increased by 4.5 points or 2.7% from 167.3 in 2003 to 171.8 in 2004. Per capita primary energy requirement increased by 2% from 1.00 toe to 1.02 toe (Table 1.3).

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. A lower ratio indicates a more efficient use of energy. Energy intensity which stood at 1.65 in 2003 dropped to 1.61 in 2004.

The consumption of electricity per capita per annum increased from 1,330 kWh in 2003 to 1,382 kWh in 2004.

2.3 Total primary energy requirement

The total primary energy requirement of the country increased by 2.7% from 1,223 ktoe in 2003 to 1,256 ktoe in 2004. In 2004, most (78%) of the total primary energy requirement was met from imported fuels and the remaining, 22%, from indigenous sources. Imports consisted of 801 ktoe of petroleum products and 179 ktoe of coal while the indigenous production was mainly derived from bagasse (93%), hydro electricity (4%) and fuelwood (3%) (Table 2.1).

2.3.1 Local production

Total energy production from local sources increased by 3.4% from 267 ktoe in 2003 to 276 ktoe in 2004. Production of hydroelectricity went up from 10 ktoe to 11 ktoe while, in terms of energy content, production of bagasse increased from 249 ktoe to 258 ktoe (Table 2.1).

2.3.2 Imports of energy sources

Imports of energy sources are shown in Tables 2.2 and 2.3. Some 1,226 ktoe of petroleum products and coal were imported in 2004 compared to 1,154 ktoe in 2003, representing an increase of 6.2%. Petroleum products increased from 975 ktoe to 1,020 ktoe (+4.6%) and coal from 179 ktoe to 206 ktoe (+15.1%).

Because of the rise in the prices of petroleum products and coal, the import bill was 38.5% higher in 2004, Rs 9,685 million against Rs 6,991 million in 2003 (Table 2.5).

2.3.3 Re-exports and bunkering

Of the 1,226 ktoe of imported energy sources, 237 ktoe were re-exported to bunkers and foreign aircraft. Re-exports consisted of 106 ktoe of diesel oil, 39 ktoe of fuel oil and 92 ktoe of aviation fuel (Table 2.6).

2.4 Electricity generation

In 2004, some 2,165 GWh (186 ktoe) of electricity was generated, as compared to 2,082 GWh (179 ktoe) in 2003, representing an increase of 4.0%. The Central Electricity Board (CEB) generated 57% and Independent Power Producers, 43%. Thermal energy represented 94% and hydro, the remaining 6%. The peak demand in 2004 reached 332.6 MW compared to 323.8 MW for the previous year (Tables 3.1- 3.6).

2.4.1 Fuel input for electricity generation

Table 3.7 shows the different types of fuel used for electricity generation. Fuel input increased from 556 ktoe in 2003 to 572 ktoe in 2004, (+2.9%). The major components of the fuel input were fuel oil (37%), bagasse, (31%) and coal (29%).

2.5 Final energy consumption

Final energy consumption increased by 2.8% from 815 ktoe in 2003 to 838 ktoe in 2004 (Table 4.1). Changes in the different sectors were as follows: “Commercial and Distributive Trade” (+8.0%), “Transport” (+4.7%), “Household” (+3.7%), “Manufacturing” (-1.1%) and “Agriculture” (-8.3%).

In 2004, “Transport” and “Manufacturing” were the two largest energy-consuming sectors accounting for 49% and 31% of total consumption respectively. Consumption by “Households” represented 13% followed by the “Commercial and Distributive Trade” (6%) and Agriculture (1.0%) (Table 4.2).

The details on the different types and amount of fuel consumed by each sector are given in Tables 4.3 and 4.4.

2.5.1 Manufacturing

Energy used for manufacturing process decreased by 1.1% from 262.3 ktoe in 2003 to 259.3 ktoe in 2004. The contribution of bagasse represented 82.9 ktoe (32%), electricity, 66.1 ktoe (25%), fuel oil and diesel oil, 91.7 ktoe (35%).

2.5.2 Transport

Some 408.7 ktoe of energy were used for transportation. Gasolene consumption increased from 96.4 ktoe to 97.6 ktoe, and that of diesel oil from 162.9 ktoe to 165.8 ktoe. Consumption of aviation fuel rose from 128.6 ktoe to 142.5 ktoe. The use of LPG in the transport sector increased by 21.0% from 2.4 ktoe in 2003 to 2.9 ktoe in 2004.

2.5.3 Commercial and Distributive Trade

Total energy consumption by “Commercial and Distributive Trade” sector stood at 51.5 ktoe in 2004. Electricity was the main source of energy and its consumption increased from 41.2 ktoe in 2003 to 44.4 ktoe in 2004 (+7.8%).

2.5.4 Residential

Energy consumed by households rose by 3.7% in 2004 to reach 111.0 ktoe. The two main sources of energy for households were electricity and LPG. Electricity consumption increased by 1.9% from 48.6 ktoe to 49.5 ktoe whilst that of LPG, by 5.7% from 43.8 ktoe to 46.3 ktoe.

2.5.5 Agriculture

In 2004, nearly 2.1 ktoe of electricity were used for irrigation and 2.4 ktoe of diesel oil were used for derocking of land and preparation of soil prior to plantation.

2.5.6 Number of electricity consumers and sales

The number of electricity consumers increased from 348,848 in 2003 to 357,506 in 2004. The highest number of consumers (319,425) fell in domestic category, followed by commercial (30,541) and industrial (7,205) (Table 4.7).

Electricity sales increased by 4.7% from 1,627 GWh in 2003 to 1,704 GWh in 2004. The average sales price of electricity increased from Rs 3.09 per KWh to Rs 3.14 per KWh.

3 Water

3.1 Water balance

The estimated water balance for the Island of Mauritius is shown in Table 6.1. The water balance indicates how fresh water resources are distributed. In 2004, the Island of Mauritius registered 4,233 million cubic metres (Mm³) of rainfall. Some 1,270 Mm³ of water was lost through evapotranspiration, while surface run-off and ground water recharge amounted to 2,540 Mm³ and 423 Mm³ respectively.

3.2 Rainfall

During the year 2004 the mean amount of rainfall recorded in the Island of Mauritius was 2,270 millimetres, a 5.7% increase compared to 2,148 millimetres in 2003. The mean rainfall was highest during the month of January with 443 mm and the driest month, October, registered 36 mm of rainfall (Table 6.3).

In Rodrigues, at Pointe Canon and Plaine Corail, the mean rainfall registered was 1,134 and 1,088 millimetres respectively (Table 6.4).

3.3 Water storage level

In 2004, the minimum and maximum percentage water storage level of the different reservoirs were as follows:

- Mare aux Vacoas (55% and 99%)
- La Nicoliere (54% and 100%)
- Piton du Milieu (46% and 100%)
- La Ferme (22% and 100%)
- Mare Longue (0% and 100%)
- Midlands Dam (66% and 100%)

During the same period the mean water level for all the reservoirs combined together (excluding Midlands Dam) varied from 46% to 99% (Table 6.5). It is to be noted that the mean water level is computed as the average level during a month.

3.4 Water production

In 2004, the total volume of water supplied by the different water plants and boreholes to the distribution systems amounted to 185.2 million cubic metres (Mm³) representing a 0.6% increase compared to 184.1 Mm³ in 2003. In 2004, average water production from surface and ground water represented 48.2% and 51.8% respectively (Table 6.6).

3.5 Water sales and revenue collectible

Total volume of water sold decreased from 103.8 Mm³ in 2003 to 102.4 Mm³ in 2004 (-1.3%). Potable water made up 88% of the volume sold and the remaining 12% consisted of non-treated water. Water for domestic consumption amounted to 70.6 Mm³, accounting for nearly 68.9% of the water sales (Table 6.7)

The revenue collectible from sales of water for the year 2004 amounted to Rs 897.4 million, that is, a decrease of 0.7% over the amount of Rs 903.7 million for 2003.

Section I

Energy commodity balance & Main indicators

Table 1.1 - Energy commodity balance, 2004

		Tonne of oil equivalent (toe)												
Source Flow	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuel Wood	Charcoal	Hydro	Wind	Bagasse	Electricity	Total
Local production	-	-	-	-	-	-	-	7,325	-	10,516	37	257,792	-	275,670
Imports	205,732	94,722	322,929	236,074	31,041	277,265	58,082	-	-	-	-	-	-	1,225,847
Re-exports and bunkering	-	-	(106,250)	(91,920)	-	(38,483)	-	-	-	-	-	-	-	(236,653)
Stock change / Statistical error	(26,336)	2,856	(706)	(1,672)	(4,748)	20,344	1,157	-	-	-	-	-	-	(9,107)
Total Primary Energy Requirement	179,396	97,578	215,973	142,482	26,293	259,127	59,239	7,325	-	10,516	37	257,792	-	1,255,757
Public electricity generation plant	-	-	(4,008)	-	(17,218)	(211,264)	-	-	-	(10,514)	(37)	-	105,374	(137,666)
Autoproducer plants	(164,379)	-	-	-	-	-	-	-	-	(2)	-	(174,852)	80,835	(258,398)
Other transformation	-	-	-	-	-	-	-	(730)	355	-	-	-	-	(374)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	(4,233)	(4,233)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	(16,962)	(16,962)
Total Final Consumption	15,016	97,578	211,966	142,482	9,075	47,863	59,239	6,595	355	-	-	82,941	165,014	838,123
Manufacturing sector	15,016	-	43,806	-	-	47,863	2,976	538	-	-	-	82,941	66,125	259,265
Transport sector	-	97,578	165,761	142,482	-	-	2,906	-	-	-	-	-	-	408,728
Commercial and distributive trade sector	-	-	-	-	-	-	6,882	-	266	-	-	-	44,395	51,544
Residential sector	-	-	-	-	9,075	-	46,284	6,057	89	-	-	-	49,451	110,957
Agriculture	-	-	2,399	-	-	-	-	-	-	-	-	-	2,046	4,445
Other	-	-	-	-	-	-	190	-	-	-	-	-	2,996	3,186

Note: figures in brackets represent negative quantities

Table 1.2 - Energy commodity balance, 2003

Tonne of oil equivalent (toe)													
Flow \ Source	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuel Wood	Charcoal	Hydro ¹	Bagasse	Electricity	Total
Local production	-	-	-	-	-	-	-	7,262	-	10,128	249,126	-	266,516
Imports	179,411	93,746	312,307	215,811	20,992	276,466	55,636	-	-	-	-	-	1,154,370
Re-exports and bunkering	-	-	(98,644)	(92,274)	-	(33,379)	-	-	-	-	-	-	(224,297)
Stock change / Statistical error	16,618	2,635	(2,729)	5,035	(2,138)	6,585	197	-	-	-	-	-	26,202
Total Primary Energy Requirement	196,029	96,381	210,934	128,572	18,854	249,671	55,833	7,262	-	10,128	249,126	-	1,222,792
Public electricity generation plant	-	-	(3,935)	-	(10,259)	(196,281)	-	-	-	(10,121)	-	97,602	(122,992)
Autoproducer plants	(178,049)	-	-	-	-	-	-	-	-	(8)	(167,487)	81,408	(264,136)
Other transformation	-	-	-	-	-	-	-	(722)	352	-	-	-	(371)
Own use	-	-	-	-	-	-	-	-	-	-	-	(3,875)	(3,875)
Losses	-	-	-	-	-	-	-	-	-	-	-	(16,547)	(16,547)
Total Final Consumption	17,980	96,381	207,000	128,572	8,596	53,390	55,833	6,540	352	-	81,639	158,588	814,870
Manufacturing sector	17,980	-	41,686	-	-	53,390	3,201	543	-	-	81,639	63,830	262,270
Transport sector	-	96,381	162,880	128,572	-	-	2,401	-	-	-	-	-	390,234
Commercial and distributive trade sector	-	-	-	-	-	-	6,209	-	259	-	-	41,216	47,684
Residential sector	-	-	-	-	8,596	-	43,804	5,996	93	-	-	48,556	107,044
Agriculture	-	-	2,434	-	-	-	-	-	-	-	-	2,318	4,752
Other	-	-	-	-	-	-	218	-	-	-	-	2,668	2,886

¹ Revised

Note: figures in brackets represent negative quantities

Table 1.3 - Main energy indicators¹, 1995 - 2004

Details	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total primary energy requirement	ktoe	871.5	910.3	943.7	1,007.7	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8
<i>Imported</i>	ktoe	584.3	634.7	647.3	707.2	778.9	849.0	901.2	898.8	956.3	980.1
<i>Local</i>	ktoe	287.2	275.6	296.4	300.5	220.6	264.1	280.9	258.6	266.5	275.7
Total primary energy requirement index (1990 = 100)		119.2	123.9	128.1	136.9	134.5	150.9	159.7	158.4	167.3	171.8
Annual increase	%	+6.5	+4.5	+3.7	+6.8	-0.8	+11.4	+6.2	-2.1	+5.7	+2.7
Import dependency	%	67.0	69.7	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0
GDP in 1990 rupees	Rs. Million	50,426	53,250	56,285	59,662	61,332	66,607	70,071	71,542	74,261	77,825
GDP index (1990 = 100)		127.2	134.4	142.0	150.6	154.8	168.1	176.8	180.5	187.4	196.4
Energy intensity	toe per Rs. 100,000 GDP	1.73	1.71	1.68	1.69	1.63	1.67	1.69	1.62	1.65	1.61
Mid-year population	thousand	1,122	1,134	1,148	1,160	1,175	1,187	1,200	1,210	1,223	1,233
Per capita primary energy requirement	toe	0.78	0.80	0.82	0.87	0.85	0.94	0.99	0.96	1.00	1.02
Per capita final energy consumption	toe	0.61	0.61	0.63	0.63	0.59	0.63	0.65	0.63	0.67	0.68
Per capita consumption of electricity sold	kWh	814	878	947	1,026	1,059	1,158	1,222	1,248	1,330	1,382

¹ Revised

Section II

Primary energy requirement

Table 2.1 - Primary energy requirement , 1995 - 2004

Energy source	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
	Physical unit (Thousand tonne/GWh)										
Imported											
Gasolene	84.0	87.4	87.7	88.6	89.5	92.0	87.7	87.5	89.2	90.4	
Diesel Oil	126.3	136.0	145.5	155.1	165.0	189.4	188.7	196.8	208.8	213.8	
Dual Purpose Kerosene	115.2	156.9	135.6	148.7	148.2	130.8	137.9	122.8	141.8	162.3	
<i>Kerosene</i>	42.9	76.3	56.5	59.1	51.0	22.7	13.2	13.9	18.1	25.3	
<i>Aviation Fuel</i>	72.3	80.6	79.0	89.5	97.1	108.1	124.7	109.0	123.6	137.0	
Fuel Oil	177.1	182.6	202.2	221.5	239.6	224.5	246.0	241.1	260.1	269.9	
LPG	34.3	36.6	39.1	40.4	43.4	46.3	47.1	48.6	51.7	54.9	
Coal	63.1	40.3	45.7	70.7	136.6	253.0	299.2	312.8	316.2	289.3	
Local											
Hydro/Wind	GWh	135	105	93	105	30	96	71	85.9	117.8	122.7
Bagasse ¹		1,639.8	1,595.1	1,741.0	1,767.0	1,314.4	1,553.3	1,671.5	1,524.4	1,557.0	1,611.2
Fuel Wood ¹		34.8	30.0	25.8	23.2	20.2	19.3	19.3	19.2	19.1	19.3
	Energy unit (ktoe)										
Imported											
Gasolene	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6	
Diesel Oil	127.6	137.4	147.0	156.7	166.6	191.3	190.6	198.7	210.9	216.0	
Dual Purpose Kerosene	119.8	163.2	141.0	154.6	154.1	136.0	143.4	127.7	147.4	168.8	
<i>Kerosene</i>	44.6	79.4	58.8	61.5	53.1	23.6	13.8	14.4	18.9	26.3	
<i>Aviation Fuel</i>	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5	
Fuel Oil	170.0	175.3	194.1	212.7	230.0	215.5	236.1	231.4	249.7	259.1	
LPG	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.2	
<i>Sub total (Petroleum products)</i>	545.1	609.7	619.0	663.3	694.2	692.2	715.7	704.8	760.2	800.7	
Coal	39.1	25.0	28.3	43.9	84.7	156.9	185.5	193.9	196.0	179.4	
<i>Sub total (Imported)</i>	584.3	634.7	647.3	707.2	778.9	849.0	901.2	898.8	956.3	980.1	
Local											
Hydro / Wind	11.6	9.0	8.0	9.0	2.6	8.2	6.1	7.4	10.1	10.6	
Bagasse ¹	262.4	255.2	278.6	282.7	210.3	248.5	267.4	243.9	249.1	257.8	
Fuel Wood ¹	13.2	11.4	9.8	8.8	7.7	7.3	7.3	7.3	7.3	7.3	
<i>Sub total (Local)</i>	287.2	275.6	296.4	300.5	220.6	264.1	280.9	258.6	266.5	275.7	
Total	871.5	910.3	943.7	1,007.7	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	
	Percentage (%)										
Imported											
Gasolene	10.4	10.4	10.0	9.5	9.7	8.9	8.0	8.2	7.9	7.8	
Diesel Oil	14.6	15.1	15.6	15.5	16.7	17.2	16.1	17.2	17.3	17.2	
Dual Purpose Kerosene	13.8	17.9	14.9	15.3	15.4	12.2	12.1	11.0	12.1	13.4	
<i>Kerosene</i>	5.1	8.7	6.2	6.1	5.3	2.1	1.2	1.2	1.5	2.1	
<i>Aviation Fuel</i>	8.6	9.2	8.7	9.2	10.1	10.1	11.0	9.8	10.5	11.3	
Fuel Oil	19.5	19.3	20.6	21.1	23.0	19.4	20.0	20.0	20.4	20.6	
LPG	4.3	4.3	4.5	4.3	4.7	4.5	4.3	4.5	4.6	4.7	
<i>Sub total (Petroleum products)</i>	62.6	67.0	65.6	65.8	69.5	62.2	60.5	60.9	62.2	63.8	
Coal	4.5	2.7	3.0	4.4	8.5	14.1	15.7	16.8	16.0	14.3	
<i>Sub total (Imported)</i>	67.0	69.7	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0	
Local											
Hydro/Wind	1.3	1.0	0.8	0.9	0.3	0.7	0.5	0.6	0.8	0.8	
Bagasse ¹	30.1	28.0	29.5	28.1	21.0	22.3	22.6	21.1	20.4	20.5	
Fuel Wood ¹	1.5	1.3	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	
<i>Sub total (Local)</i>	33.0	30.3	31.4	29.8	22.1	23.7	23.8	22.3	21.8	22.0	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

¹ estimates

Fig 2.1 - Primary energy requirement by main energy sources, 1995 - 2004

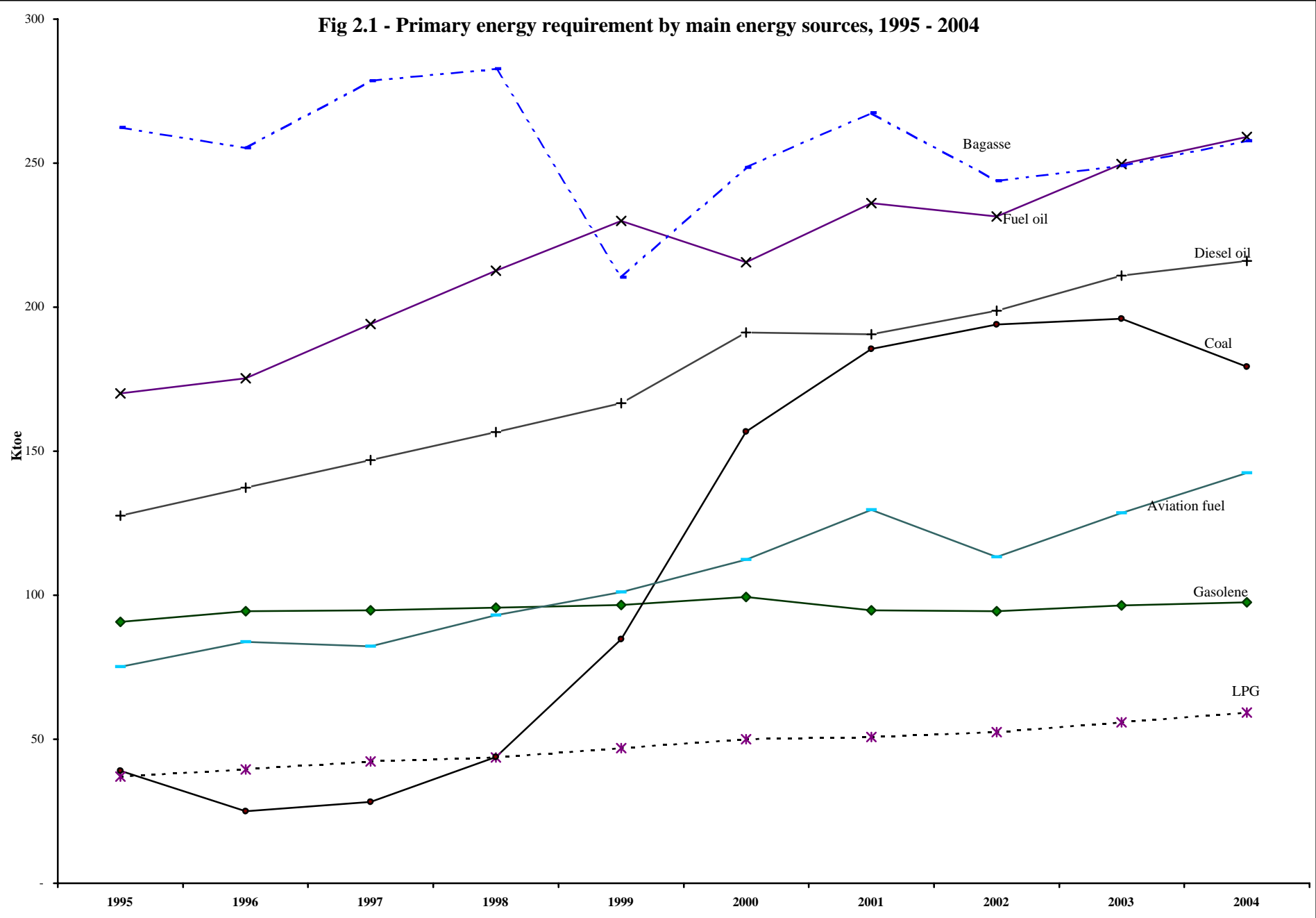


Table 2.2 - Imports of energy sources (Physical unit), 1995 - 2004

Thousand tonne

Energy source	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gasolene	84.2	88.0	88.1	86.9	92.7	89.8	86.8	80.3	86.8	87.7
Diesel oil	226.2	222.0	256.0	282.7	295.6	339.7	338.0	346.4	309.2	319.7
Dual Purpose Kerosene	170.7	196.0	196.3	206.4	231.9	217.4	214.2	225.5	227.7	256.8
<i>Kerosene</i>	39.6	81.1	76.6	54.1	44.2	27.4	12.0	14.3	20.2	29.8
<i>Aviation Fuel</i>	131.1	114.8	119.7	152.3	187.7	190.0	202.2	211.1	207.5	227.0
Fuel oil	207.5	194.4	249.2	274.1	246.3	218.8	275.1	208.6	288.0	288.8
LPG	36.2	36.6	41.7	44.7	43.6	47.3	43.9	55.9	51.5	53.8
Coal	66.4	38.5	27.8	86.3	128.9	222.4	347.5	312.0	289.4	331.8

Table 2.3 - Imports of energy sources (Energy unit), 1995 - 2004

ktoe

Energy source	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gasolene	90.9	95.1	95.1	93.8	100.2	97.0	93.7	86.7	93.8	94.7
Diesel oil	228.5	224.2	258.5	285.6	298.5	343.1	341.4	349.9	312.3	322.9
Dual Purpose Kerosene	177.5	203.8	204.1	214.7	241.2	226.1	222.7	234.5	236.8	267.1
<i>Kerosene</i>	41.2	84.4	79.6	56.3	45.9	28.4	12.5	14.9	21.0	31.0
<i>Aviation Fuel</i>	136.3	119.4	124.5	158.4	195.2	197.6	210.3	219.6	215.8	236.1
Fuel oil	199.2	186.6	239.2	263.2	236.4	210.0	264.1	200.2	276.5	277.3
LPG	39.1	39.5	45.0	48.2	47.1	51.1	47.4	60.4	55.6	58.1
<i>Sub total (Petroleum products)</i>	735.2	749.2	842.0	905.5	923.3	927.3	969.4	931.7	975.0	1,020.1
Coal	41.1	23.9	17.2	53.5	79.9	137.9	215.4	193.5	179.4	205.7
Total imports	776.3	773.1	859.2	959.0	1,003.2	1,065.2	1,184.8	1,125.2	1,154.4	1,225.8

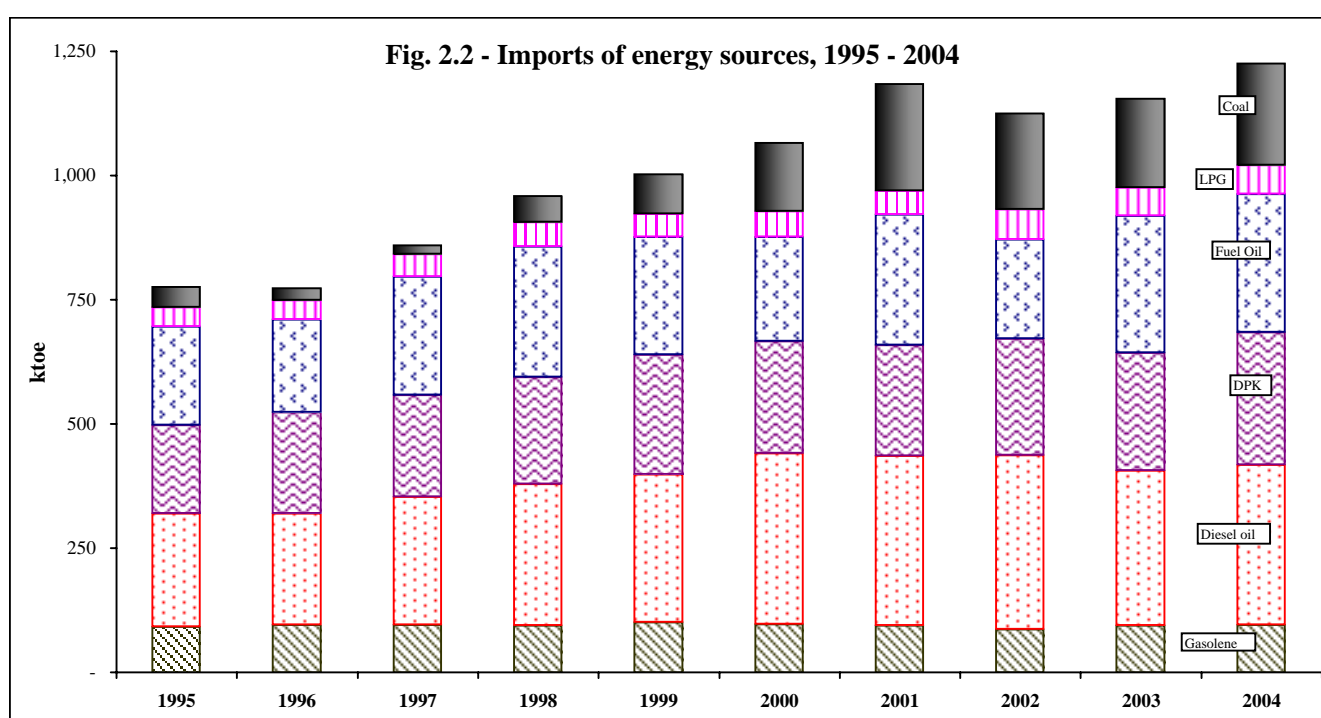


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 1995 - 2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gasolene	84,158	88,041	88,074	86,895	92,737	89,824	86,773	80,297	86,802	87,706
Bahrain	3,266	2,986	8,913	24,035	27,798	25,300	26,148	19,837	52,434	58,958
Kuwait	42,919	53,636	25,731	-	-	-	-	-	-	-
Saudi Arabia	22,982	2,737	15,791	46,878	47,644	19,497	15,065	26,907	28,205	7,461
Singapore	-	-	-	-	-	-	3,074	-	-	-
South Africa	14,991	28,682	37,639	15,982	12,960	45,027	30,038	16,190	-	5,952
Tanzania	-	-	-	-	-	-	-	-	-	1,949
United Arab Emirates	-	-	-	-	-	-	12,448	17,363	6,163	13,386
Yemen	-	-	-	-	4,335	-	-	-	-	-
Diesel	226,239	221,985	255,956	282,737	295,551	339,671	338,044	346,401	309,215	319,732
Bahrain	10,984	19,005	29,019	78,893	90,841	105,408	62,967	87,179	160,788	142,140
India	-	-	-	-	-	-	-	-	22,848	35,208
Kuwait	101,285	107,461	46,948	-	-	-	-	-	-	21,898
Saudi Arabia	53,108	9,993	46,647	150,460	153,800	51,087	90,262	99,745	96,136	95,042
Singapore	-	-	-	-	-	-	20,777	-	-	-
South Africa	60,862	85,526	133,342	53,384	42,199	170,113	123,223	58,841	13,479	-
United Arab Emirates	-	-	-	-	-	13,063	40,815	100,636	6,884	25,444
Yemen	-	-	-	-	8,711	-	-	-	9,080	-
Kerosene (excl. jet fuel)	39,602	81,146	76,560	54,128	44,180	27,351	11,986	14,338	20,185	29,847
Bahrain	6,621	3,136	3,896	20,765	4,124	922	4,789	3,960	7,725	9,296
India	-	-	-	-	-	-	-	-	-	6,199
Kuwait	17,999	37,582	26,402	-	-	-	-	-	-	-
Saudi Arabia	6,601	1,766	13,643	27,193	37,222	1,154	3,290	3,721	7,980	12,576
Singapore	-	-	-	-	-	-	26	-	-	-
South Africa	8,381	38,662	32,619	6,170	2,834	25,275	3,699	2,477	2,521	-
Tanzania	-	-	-	-	-	-	-	-	-	89
United Arab Emirates	-	-	-	-	-	-	182	4,180	1,864	1,687
Yemen	-	-	-	-	-	-	-	-	95	-
Jet fuel type kerosene	131,060	114,842	119,692	152,308	187,697	190,018	202,187	211,127	207,511	226,995
Bahrain	948	15,160	11,074	36,476	63,251	66,643	44,066	37,996	119,280	165,036
India	-	-	-	-	-	-	-	-	-	14,407
Kuwait	52,793	46,034	17,348	-	-	-	-	-	-	-
Saudi Arabia	38,721	6,526	22,997	84,984	85,472	38,698	44,896	66,857	65,849	19,190
Singapore	-	-	-	-	-	-	5,158	-	-	-
South Africa	38,598	47,122	68,273	30,848	27,000	84,677	71,815	40,956	9,046	-
Tanzania	-	-	-	-	-	-	-	-	-	2,808
United Arab Emirates	-	-	-	-	-	-	36,252	65,318	7,160	25,554
Yemen	-	-	-	-	11,974	-	-	-	6,176	-
Fuel Oil	207,477	194,372	249,207	274,125	246,279	218,763	275,138	208,581	287,985	288,818
Bahrain	-	17,079	-	28,732	-	-	5,867	-	-	-
India	-	-	-	-	-	-	18,055	-	-	-
Iran	-	-	-	-	-	-	42,976	31,000	-	27,061
Kenya	41,388	10,163	-	11,584	44,168	-	-	-	-	-
Kuwait	51,116	77,139	49,108	-	-	-	-	-	-	-
Madagascar	89,749	86,984	153,944	174,599	117,521	117,116	98,076	40,587	199,830	103,974
Saudi Arabia	-	-	-	-	-	-	6,956	-	-	-
Singapore	-	-	-	-	-	-	-	23,827	-	-
South Africa	10,569	3,007	23,803	18,522	3,772	13,825	28,847	17,261	30,045	60,549
Tanzania	11,633	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	40,688	80,818	87,822	74,361	77,729	33,910	97,234
Ukraine	-	-	-	-	-	-	-	18,177	24,200	-
Other countries	3,022	-	22,352	-	-	-	-	-	-	-
LPG	36,222	36,584	41,658	44,675	43,544	47,344	43,888	55,934	51,515	53,780
Bahrain	-	-	-	-	-	-	-	-	-	9,528
France	-	-	829	2,704	-	-	-	4,842	2,724	-
Indonesia	-	-	2,257	3,054	3,146	197	-	-	-	1,943
Malaysia	4,811	-	-	1,659	2,157	1,821	7,126	9,281	10,550	17,259
Philippines	10,008	6,297	5,186	2,625	402	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	2,029	-	-
Singapore	1,062	-	11,035	5,983	6,715	4,944	2,091	15,793	22,217	3,322
South Africa	20,341	30,246	20,718	27,299	31,124	38,522	34,671	18,890	13,007	5,531
United Arab Emirates	-	-	-	-	-	1,830	-	-	-	13,727
Yemen	-	-	-	-	-	-	-	3,225	324	2,470
Other countries	-	41	1,633	1,351	-	30	-	1,874	2,693	-
Coal	66,362	38,481	27,782	86,343	128,871	222,423	347,462	312,031	289,373	331,826
Greece	1,000	-	-	-	-	-	-	-	-	-
Mozambique	-	-	-	53,627	25,748	36,943	-	157,645	113,669	164,909
South Africa	65,362	38,481	27,782	32,717	103,123	185,480	347,462	154,386	175,704	166,917

Table 2.6 - Re-exports of energy sources to foreign aircraft and bunkers, 1995 - 2004

Energy re-exported	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	42.8	44.6	54.0	53.1	78.3	87.5	76.0	92.8	88.7	88.4
Diesel oil	85.1	102.1	104.8	127.3	122.1	160.0	156.7	138.5	97.7	105.2
Fuel oil	20.0	26.3	25.7	35.3	46.9	57.6	44.0	26.7	34.8	40.1
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	44.5	46.4	56.2	55.3	81.4	91.0	79.0	96.5	92.3	91.9
Diesel oil	85.9	103.2	105.9	128.6	123.3	161.6	158.3	139.9	98.6	106.3
Fuel oil	19.2	25.2	24.7	33.9	45.1	55.3	42.2	25.6	33.4	38.5
Total	149.5	174.7	186.7	217.8	249.8	307.9	279.5	262.1	224.3	236.7

Fig. 2.3 - Re-exports of energy sources to foreign aircraft and bunkers, 1995 - 2004

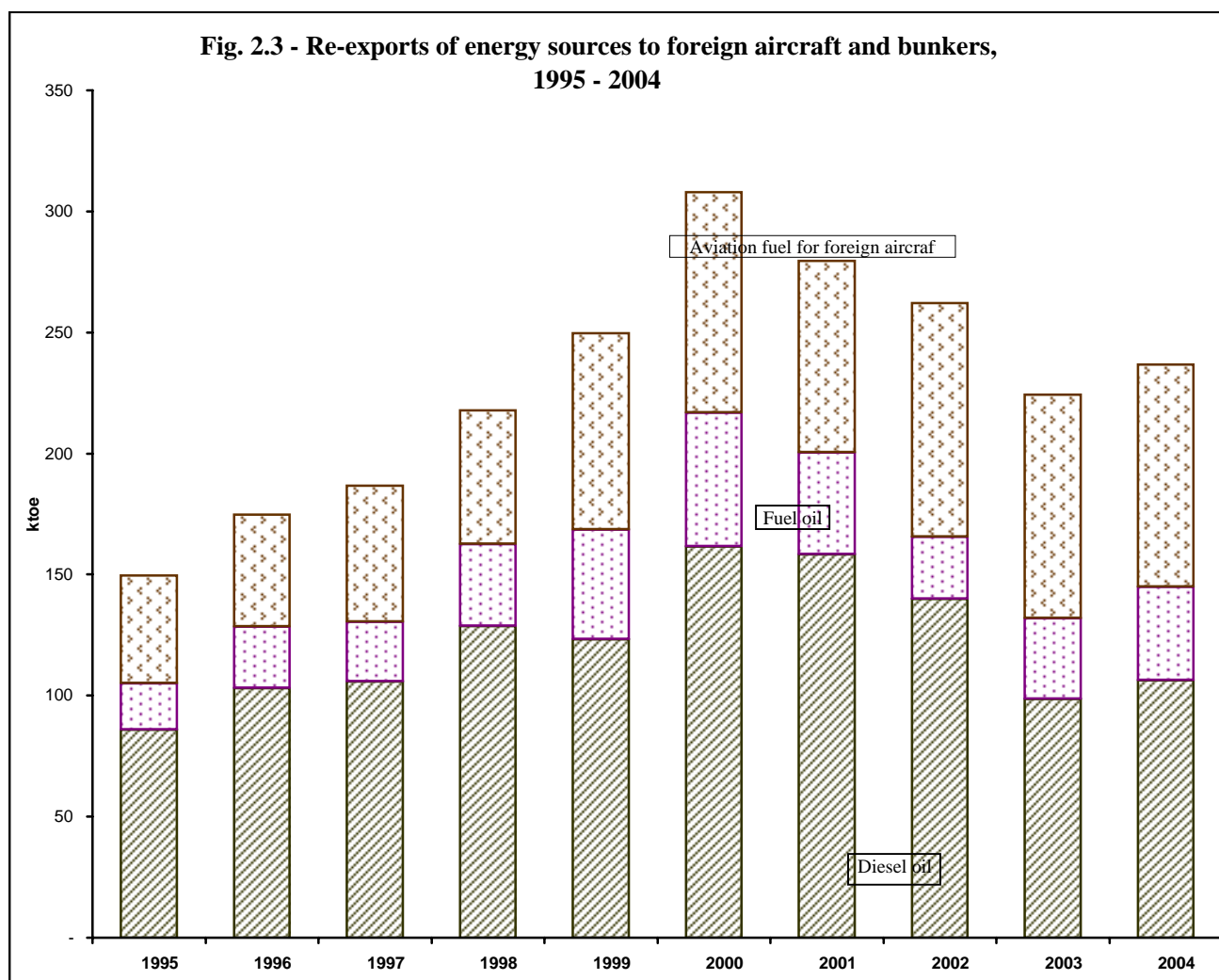
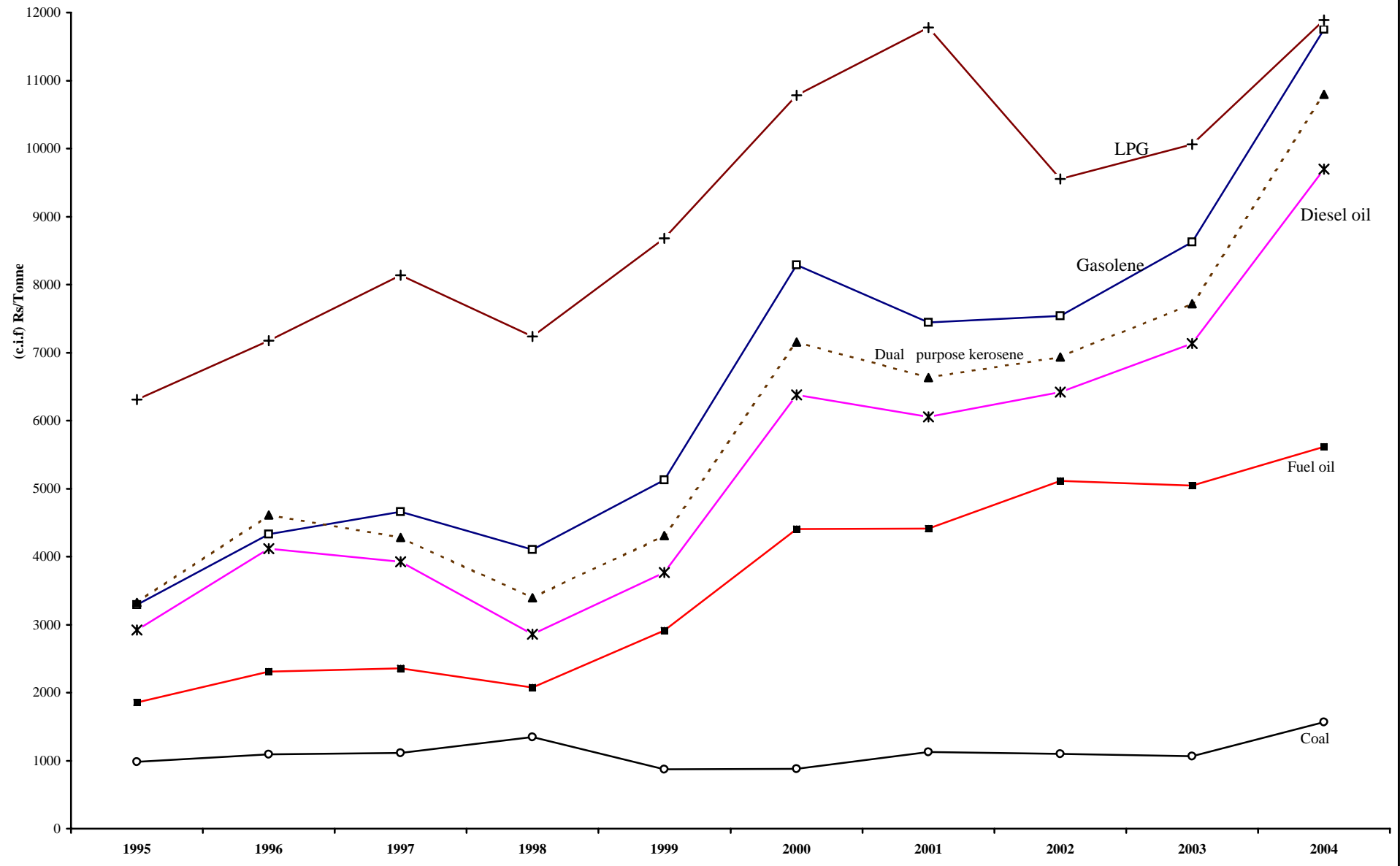


Table 2.7 Average import price of energy sources by country of origin , 1995 - 2004

	Rs/tonne									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gasolene	3,293	4,328	4,661	4,101	5,124	8,286	7,446	7,543	8,623	11,751
Bahrain	4,136	4,600	5,322	4,278	6,008	8,520	7,772	8,268	8,386	11,644
Kuwait	3,296	4,307	4,343	-	-	-	-	-	-	-
Saudi Arabia	3,149	5,134	5,000	4,079	4,683	9,080	7,358	8,282	9,152	11,977
Singapore	-	-	-	-	-	-	8,570	-	-	-
South Africa	3,321	4,261	4,580	3,899	5,453	7,811	7,287	5,501	-	8,081
Tanzania	-	-	-	-	-	-	-	-	-	13,782
United Arab Emirates	-	-	-	-	-	-	6,974	7,473	8,218	13,433
Yemen	-	-	-	-	3,319	-	-	-	-	-
Diesel	2,919	4,114	3,922	2,859	3,769	6,379	6,053	6,419	7,137	9,700
Bahrain	3,272	4,113	3,851	2,758	4,157	6,280	6,236	7,088	7,145	9,765
India	-	-	-	-	-	-	-	-	8,591	12,225
Kuwait	2,943	4,144	4,074	-	-	-	-	-	-	8,594
Saudi Arabia	2,819	4,631	3,976	2,847	3,526	6,902	6,426	6,688	6,893	8,404
Singapore	-	-	-	-	-	-	6,339	-	-	-
South Africa	2,902	4,016	3,865	3,041	4,077	6,421	5,765	5,079	7,194	-
United Arab Emirates	-	-	-	-	-	4,589	5,668	6,356	6,717	11,639
Yemen	-	-	-	-	2,526	-	-	-	6,170	-
Kerosene (excl. jet fuel)	3,378	4,761	4,420	3,453	4,040	7,526	7,084	7,167	8,350	10,770
Bahrain	3,460	5,026	4,272	3,580	5,412	8,000	7,205	8,209	8,539	10,249
India	-	-	-	-	-	-	-	-	-	13,766
Kuwait	3,372	4,689	4,383	-	-	-	-	-	-	-
Saudi Arabia	3,184	4,942	4,441	3,402	3,783	8,942	7,769	7,277	8,715	9,401
Singapore	-	-	-	-	-	-	7,115	-	-	-
South Africa	3,478	4,801	4,460	3,246	5,421	7,444	6,454	5,734	7,857	-
Tanzania	-	-	-	-	-	-	-	-	-	13,324
United Arab Emirates	-	-	-	-	-	-	4,341	6,931	6,774	12,698
Yemen	-	-	-	-	-	-	-	-	6,302	-
Jet fuel type kerosene	3,315	4,507	4,196	3,372	4,369	7,102	6,607	6,920	7,655	10,799
Bahrain	3,460	4,785	4,249	3,726	4,930	6,897	7,019	7,453	7,676	10,507
India	-	-	-	-	-	-	-	-	-	13,590
Kuwait	3,311	4,560	4,431	-	-	-	-	-	-	-
Saudi Arabia	3,153	4,942	4,102	3,299	4,060	7,779	7,003	7,581	7,811	8,588
Singapore	-	-	-	-	-	-	7,100	-	-	-
South Africa	3,477	4,306	4,159	3,154	4,646	6,954	6,293	5,761	7,857	-
Tanzania	-	-	-	-	-	-	-	-	-	13,324
United Arab Emirates	-	-	-	-	-	-	6,168	6,661	6,774	12,493
Yemen	-	-	-	-	2,977	-	-	-	6,302	-
Fuel Oil	1,857	2,311	2,357	2,074	2,914	4,408	4,412	5,117	5,045	5,615
Bahrain	-	2,372	-	2,346	-	-	4,296	-	-	-
India	-	-	-	-	-	-	3,890	-	-	-
Iran	-	-	-	-	-	-	4,267	4,752	-	6,273
Kenya	1,934	2,404	-	2,125	2,832	-	-	-	-	-
Kuwait	1,974	2,397	2,269	-	-	-	-	-	-	-
Madagascar	1,794	2,208	2,340	2,090	2,649	4,265	4,392	4,846	4,980	5,133
Saudi Arabia	-	-	-	-	-	-	5,426	-	-	-
Singapore	-	-	-	-	-	-	-	4,838	-	-
South Africa	1,747	2,463	2,680	1,873	3,941	4,205	4,386	4,942	5,182	5,271
Tanzania	1,664	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	1,887	3,296	4,630	4,574	5,444	5,252	6,161
Ukraine	-	-	-	-	-	-	-	5,472	5,119	-
Other countries	1,797	-	2,321	-	-	-	-	-	-	-
LPG	6,307	7,173	8,140	7,240	8,677	10,782	11,780	9,555	10,059	11,889
Bahrain	-	-	-	-	-	-	-	-	-	12,254
France	-	-	9,434	6,770	-	-	-	9,079	8,887	-
Indonesia	-	-	8,391	6,626	8,693	13,577	-	-	-	10,507
Malaysia	5,952	-	-	7,668	10,294	11,218	11,739	9,634	10,054	11,716
Philippines	6,814	6,986	7,631	6,755	12,478	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	8,712	-	-
Singapore	5,527	-	8,385	7,180	7,600	11,402	11,974	9,944	9,781	12,766
South Africa	6,182	7,211	7,952	7,323	8,747	10,677	11,777	9,048	10,832	14,273
United Arab Emirates	-	-	-	-	-	10,508	-	-	-	11,062
Yemen	-	-	-	-	-	-	-	11,064	11,597	10,860
Other countries	-	7,820	9,528	8,574	-	15,649	-	10,545	9,647	-
Coal	982	1,090	1,116	1,325	870	877	1,125	1,098	1,064	1,566
Greece	1,047	-	-	-	-	-	-	-	-	-
Mozambique	-	-	-	1,396	850	809	-	1,090	1,014	1,755
South Africa	981	1,090	1,116	1,209	875	890	1,125	1,107	1,096	1,379

Fig 2.4 - Average import price of energy sources, 1995 - 2004



Section III

Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation and sales, 1995 - 2000

Year	Plant capacity (MW)				Peak Demand (MW)		Electricity generated (GWh)					Sales (GWh)
	Installed		Effective		Isl. of Mtius	Rod.	Hydro	Wind	Thermal	Total	Available for sales	
	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.								
1995	364.6	4.0	331.9	3.4	200.5	2.6	135.02	0.04	1,030.47	1,165.53	1,059.35	913.85
1996	364.6	4.0	331.9	3.4	218.7	2.9	104.50	0.10	1,167.59	1,272.19	1,164.29	995.96
1997	401.7	5.0	370.0	4.4	238.1	3.2	93.15	0.05	1,304.97	1,398.17	1,266.85	1,087.35
1998	480.4	6.0	396.7	5.4	248.9	3.5	104.71	-	1,434.20	1,538.91	1,381.71	1,190.31
1999	522.3	6.0	425.7	5.4	265.8	3.8	30.01	-	1,554.79	1,584.80	1,440.71	1,244.12
2000	654.8 ¹	6.0	571.8 ¹	5.4	283.9	3.8	95.65	-	1,681.86	1,777.51	1,584.51	1,374.57
2001	654.8 ¹	6.0	573.8 ¹	5.6	297.4	4.2	70.82	-	1,840.00	1,910.82	1,677.70	1,466.65
2002	650.9 ¹	6.0	569.7 ¹	5.4	308.6	4.4	85.86	-	1,863.00	1,948.86	1,737.63	1,509.83
2003	644.8 ¹	6.0	568.3 ¹	5.4	323.8	4.8	117.77	-	1,963.75	2,081.52	1,864.36	1,626.90
2004	644.5 ¹	10.0	549.9 ¹	9.0	332.6	5.6	122.27	0.43	2,042.51	2,165.22	1,950.40	1,703.95

¹ Includes plant capacity for electricity not exported to CEB, figures not available for previous years

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

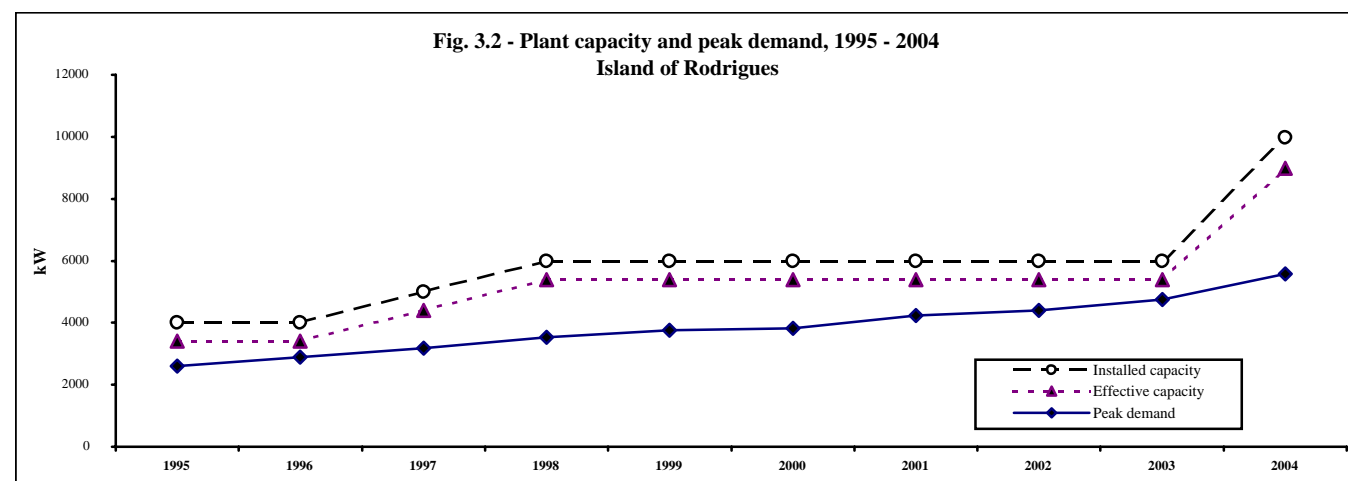
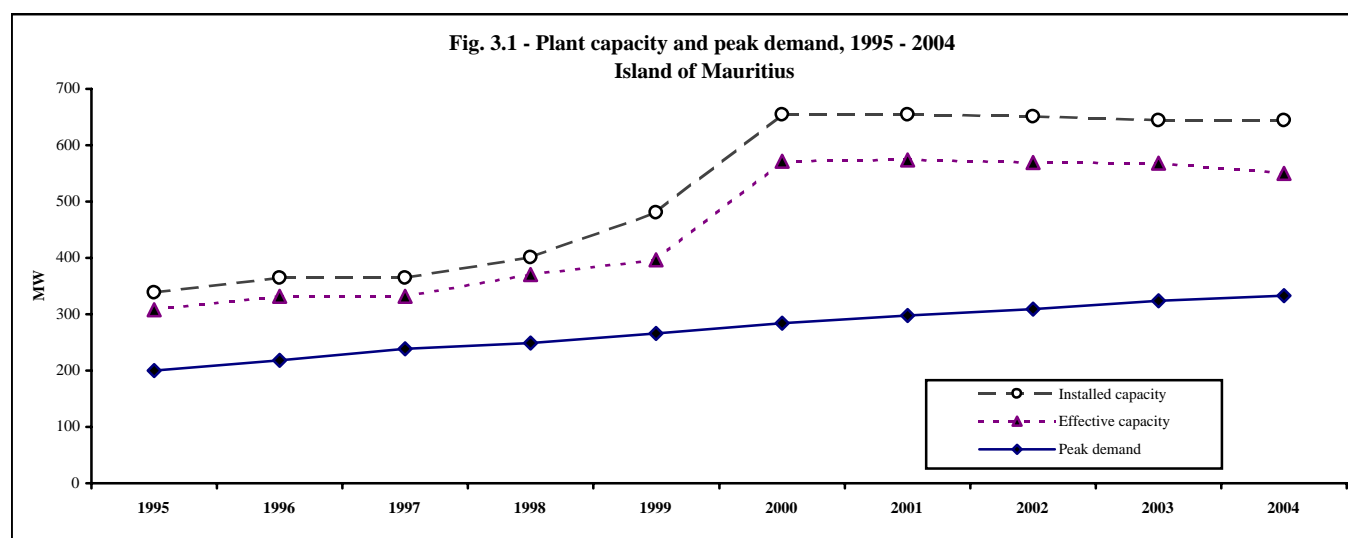
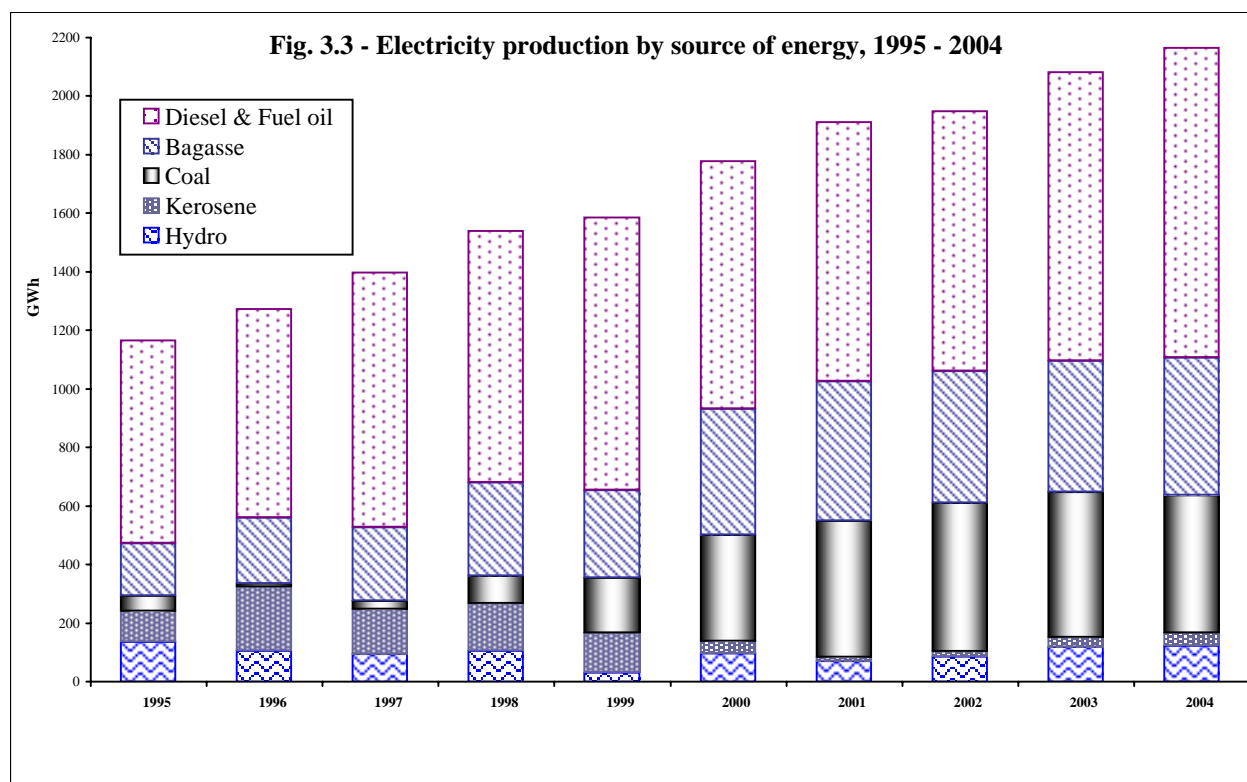


Table 3.2 - Plant capacity, 2004

MW

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity			Plant capacity	
	Installed	Effective		Installed	Effective
Hydro:			Hydro:		
Champagne	30.0	28.0	St Felix	0.0	0.0
Ferney	10.0	10.0	Total	0.0	0.0
Tamarind Falls	11.1	8.0			
Le Val	4.0	4.0	Thermal:		
Reduit	1.2	1.2	<u>Firm producers</u> ¹	136.3	121.0
Cascade Cecile	1.0	1.0	F.U.E.L.	36.7	33.0
Magenta	0.9	0.8	Compagnie thermique de Belle Vue	71.2	62.0
La Ferme	1.2	1.2			
Total	59.4	54.2	Consolidated energy limited	28.4	26.0
Wind:			<u>Continuous producers</u> ²	100.2	84.7
Island of Rodrigues	0.2	0.2	Savannah	15.6	13.8
Thermal:			Medine	13.0	12.0
<u>Island of Mauritius</u>	348.5	290.0	Mon Desert Alma	13.8	13.0
St Louis	71.8	36.0	Mon Loisir	14.0	13.6
Fort Victoria	61.7	45.0	Riche en Eau	11.2	10.0
Nicolay	78.0	76.0	Union St. Aubin	12.2	11.5
Fort George	137.0	133.0	Mon Tresor Mon Desert	18.0	10.0
<u>Island of Rodrigues</u>	9.8	8.8	St Felix	2.4	0.8
Total	358.3	298.8	Total	236.5	205.7
Total	417.9	353.2	Total	236.5	205.7
Total plant capacity			Installed	Effective	
1. Island of Mauritius			644.5	549.9	
<i>CEB</i>			408.0	344.2	
<i>IPP</i>			236.5	205.7	
<i>of which involved in export to CEB</i>			213.2	150.5	
2. Island of Rodrigues (CEB)			10.0	9.0	
Total			654.5	558.9	

¹ Producing electricity all year round with bagasse/coal² Producing electricity with bagasse only during crop season

**Table 3.5 - Generation of electricity by CEB and IPP, 1995-2004**

	GWh									
Power station	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
CEB	934.1	1,035.3	1,118.6	1,124.8	1,096.9	983.3	967.5	991.0	1,134.9	1,225.3
Hydro	134.2	103.7	92.2	103.9	29.5	95.3	70.4	85.6	117.7	122.3
Wind	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
<i>Island of Rodrigues</i>	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Thermal	799.9	931.5	1,026.4	1,020.8	1,067.4	888.1	897.1	905.4	1,017.2	1,102.6
<i>Island of Mauritius</i>	787.9	918.3	1,011.3	1,003.9	1,049.3	868.5	876.5	882.8	992.8	1,075.8
<i>Island of Rodrigues</i>	11.9	13.2	15.1	16.9	18.1	19.6	20.6	22.6	24.4	26.8
IPP	231.4	236.9	279.6	414.2	487.9	794.2	943.3	957.9	946.6	939.9
Hydro	0.9	0.9	1.0	0.8	0.5	0.4	0.4	0.3	0.1	0.0
<i>Of which : exported to CEB</i>	0.2	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Thermal ¹	230.6	236.1	278.6	413.4	487.4	793.8	942.9	957.6	946.5	939.9
<i>Of which : exported to CEB</i>	125.0	128.8	148.0	256.7	343.7	601.2	710.2	746.7	729.4	725.1
Coal (<i>Firm producers</i> ²)	40.9	9.8	23.4	62.4	155.2	322.7	413.7	447.6	433.4	407.2
Bagasse	84.1	119.0	124.6	194.3	188.5	278.5	296.5	299.1	296.1	317.9
<i>Firm producers</i> ²	49.1	79.6	66.1	81.8	110.8	167.0	182.8	171.1	176.2	191.0
<i>Continuous producers</i> ³	35.0	39.4	58.5	112.5	77.8	111.5	113.7	128.0	119.9	127.0
Total	1,165.5	1,272.2	1,398.2	1,538.9	1,584.8	1,777.5	1,910.8	1,948.9	2,081.5	2,165.2
Island of Mauritius										
CEB	922.1	1,022.0	1,103.5	1,107.8	1,078.8	963.7	946.9	968.4	1,110.5	1,198.1
IPP export to CEB	125.3	129.0	148.3	256.9	343.8	601.2	710.2	746.7	729.4	725.1
Total available for sales	1,047.4	1,151.0	1,251.7	1,364.8	1,422.6	1,564.9	1,657.1	1,715.1	1,840.0	1,923.2

¹ Estimate² Producing electricity **all year** round with bagasse/coal³ Producing electricity with bagasse **only** during crop season

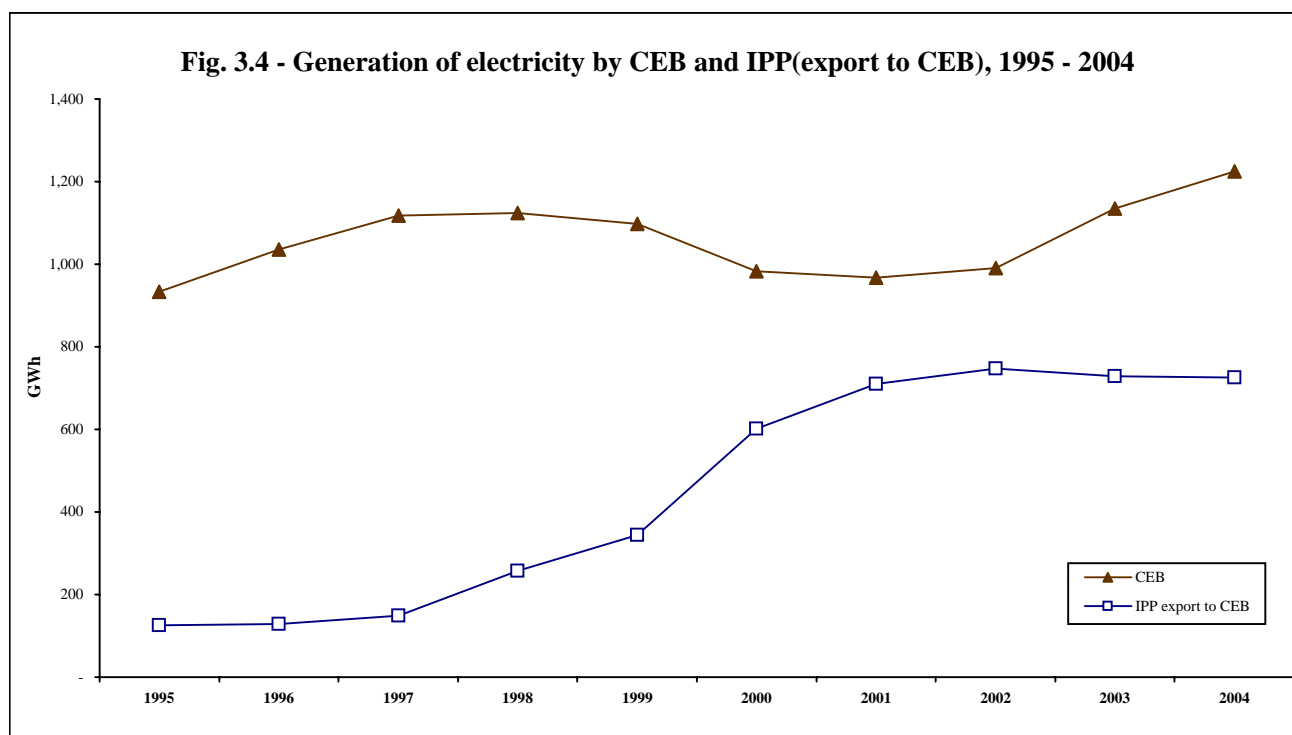


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 1995 - 2004

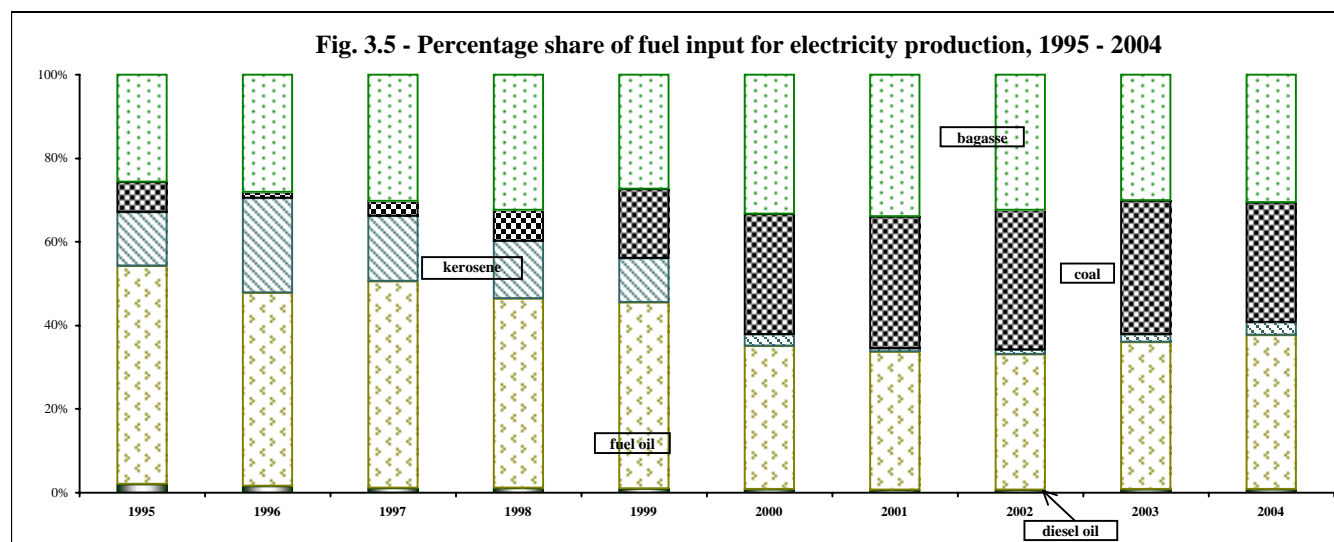
	%									
Power station	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
CEB	80.1	81.4	80.0	73.1	69.2	55.3	50.6	50.8	54.5	56.6
Hydro	11.5	8.1	6.6	6.8	1.9	5.4	3.7	4.4	5.7	5.6
Wind	0.0	0.0	0.0	-	-	-	-	-	-	0.0
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	68.6	73.2	73.4	66.3	67.4	50.0	46.9	46.5	48.9	50.9
<i>Island of Mauritius</i>	67.6	72.2	72.3	65.2	66.2	48.9	45.9	45.3	47.7	49.7
<i>Island of Rodrigues</i>	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
IPP	19.9	18.6	20.0	26.9	30.8	44.7	49.4	49.2	45.5	43.4
Hydro	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Of which : exported to CEB</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	19.8	18.6	19.9	26.9	30.8	44.7	49.3	49.1	45.5	43.4
<i>Of which : exported to CEB</i>	10.7	10.1	10.6	16.7	21.7	33.8	37.2	38.3	35.0	33.5
Coal (<i>Firm producers</i> ¹)	3.5	0.8	1.7	4.1	9.8	18.2	21.6	23.0	20.8	18.8
Bagasse	7.2	9.4	8.9	12.6	11.9	15.7	15.5	15.3	14.2	14.7
<i>Firm producers</i> ¹	4.22	6.3	4.7	5.3	7.0	9.4	9.6	8.8	8.6	8.8
<i>Continuous producers</i> ²	3.00	3.1	4.2	7.3	4.9	6.3	5.9	6.6	5.8	5.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Island of Mauritius										
CEB	88.0	88.8	88.2	81.2	75.8	61.6	57.1	56.5	60.4	62.3
IPP export to CEB	12.0	11.2	11.8	18.8	24.2	38.4	42.9	43.5	39.6	37.7
Total available for sales	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Producing electricity **all** year round with bagasse/coal

² Producing electricity with bagasse **only** during crop season

Table 3.7 - Fuel input for electricity production, 1995 - 2004

Fuel	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Tonne										
<u>Island of Mauritius</u>										
Fuel oil	142,886	145,398	160,798	176,006	190,683	171,343	181,009	174,945	200,067	215,290
Diesel oil	2,599	2,202	2,299	2,529	3,064	2,822	2,553	2,771	2,423	2,335
Kerosene	32,332	65,827	46,993	49,676	41,948	13,081	3,760	5,443	9,864	16,555
Coal	30,289	6,557	18,430	45,035	112,123	228,520	273,376	286,886	287,176	265,128
Bagasse ¹	422,900	533,000	597,200	766,400	714,000	1,021,500	1,142,500	1,081,661	1,046,794	1,092,823
<u>Island of Rodrigues</u>										
Fuel oil ²	-	611	1,860	2,726	3,740	4,172	4,328	4,671	4,392	4,777
Diesel oil ²	2,685	2,230	1,130	1,223	440	542	585	710	1,472	1,633
Ktoe										
<u>Island of Mauritius</u>										
Fuel oil	137.2	139.6	154.4	169.0	183.1	164.5	173.8	167.9	192.1	206.7
Diesel oil	2.6	2.2	2.3	2.6	3.1	2.9	2.6	2.8	2.4	2.4
Kerosene	33.6	68.5	48.9	51.7	43.6	13.6	3.9	5.7	10.3	17.2
Coal	18.8	4.1	11.4	27.9	69.5	141.7	169.5	177.9	178.0	164.4
Bagasse ¹	67.7	85.3	95.6	122.6	114.2	163.4	182.8	173.1	167.5	174.9
Sub total	259.9	299.6	312.5	373.7	413.5	486.1	532.6	527.3	550.3	565.5
<u>Island of Rodrigues</u>										
Fuel oil ²	-	0.6	1.8	2.6	3.6	4.0	4.2	4.5	4.2	4.6
Diesel oil ²	2.7	2.3	1.1	1.2	0.4	0.5	0.6	0.7	1.5	1.6
Sub total	2.7	2.8	2.9	3.9	4.0	4.6	4.7	5.2	5.7	6.2
Total	262.6	302.5	315.5	377.6	417.6	490.6	537.3	532.5	556.0	571.7
Percentage										
<u>Island of Mauritius</u>										
Fuel oil	52.2	46.2	48.9	44.7	43.8	33.5	32.3	31.5	34.5	36.2
Diesel oil	1.0	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4
Kerosene	12.8	22.6	15.5	13.7	10.4	2.8	0.7	1.1	1.8	3.0
Coal	7.2	1.3	3.6	7.4	16.6	28.9	31.5	33.4	32.0	28.8
Bagasse ¹	25.8	28.2	30.3	32.5	27.4	33.3	34.0	32.5	30.1	30.6
Sub total	99.0	99.1	99.1	99.0	99.0	99.1	99.1	99.0	99.0	98.9
<u>Island of Rodrigues</u>										
Fuel oil ²	-	0.2	0.6	0.7	0.9	0.8	0.8	0.8	0.8	0.8
Diesel oil ²	1.0	0.7	0.4	0.3	0.1	0.1	0.1	0.1	0.3	0.3
Sub total	1.0	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0	1.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Estimates² Figures for 1995-1997 are estimates

Section IV

Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 1995 - 2004

ktoe

Sector	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1. Manufacturing	305.3	292.2	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3
2. Transport	268.8	285.5	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7
3. Household	81.3	84.2	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0
4. Commercial and Distributive Trade	24.0	26.0	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5
5. Agriculture	3.4	3.9	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4
6. Other (n.e.s) and losses	1.3	1.4	1.5	1.6	1.8	2.3	2.3	2.4	2.9	3.2
TOTAL	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.0	814.9	838.1

¹ Estimate**Table 4.2 - Percentage share of final energy consumption by sector, 1995 - 2004**

%

Sector	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1. Manufacturing	44.6	42.2	43.0	40.6	34.4	33.4	33.5	32.6	32.2	30.9
2. Transport	39.3	41.2	40.2	42.0	46.7	47.5	47.5	47.6	47.9	48.8
3. Household	11.9	12.1	12.0	12.2	13.2	13.2	13.0	13.4	13.2	13.2
4. Commercial and Distributive Trade	3.5	3.8	4.0	4.4	4.9	4.9	5.2	5.5	5.9	6.1
5. Agriculture	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5
6. Other (n.e.s) and losses	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

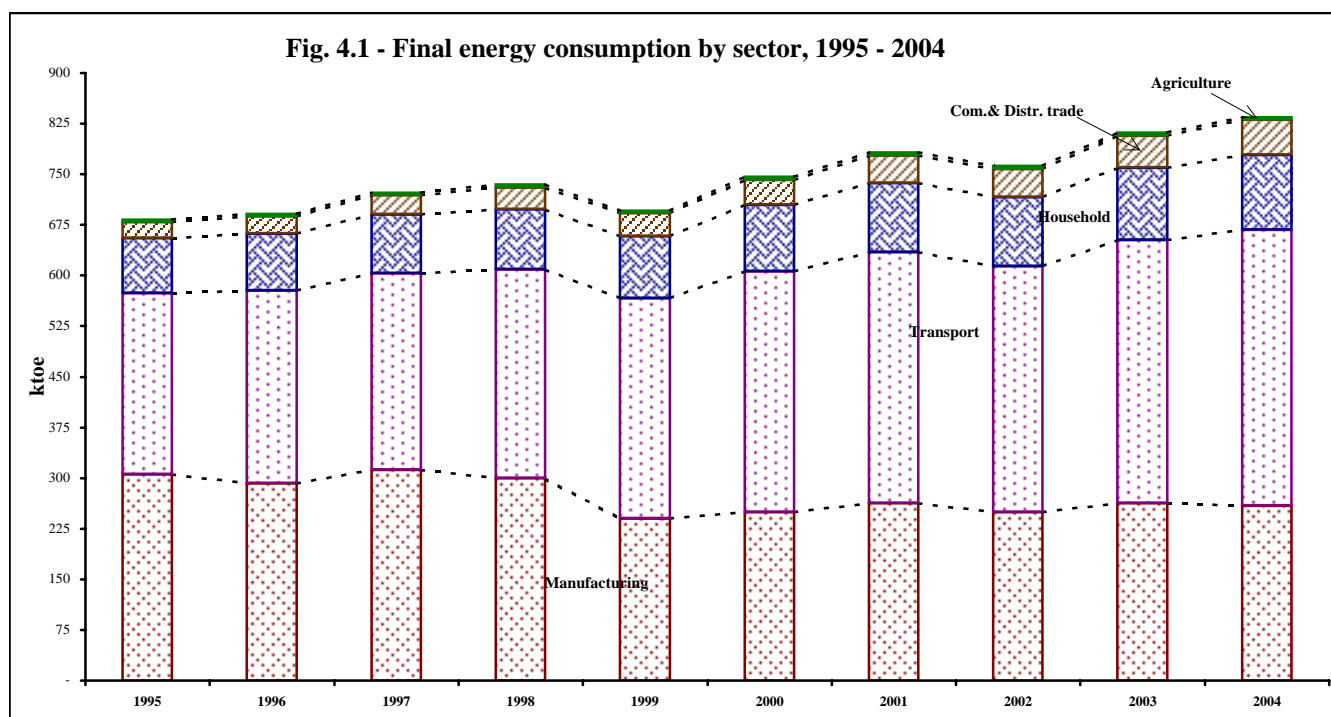
Fig. 4.1 - Final energy consumption by sector, 1995 - 2004

Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 1995 - 2004

Sector	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1. Manufacturing											
1.1 excluding bagasse											
Fuel oil	tonne	34,203	36,590	39,518	42,774	45,150	49,000	60,630	61,439	55,615	49,857
Diesel oil	tonne	17,255	23,367	26,622	30,233	32,650	41,600	37,533	37,409	41,273	43,372
LPG	tonne	2,550	2,761	3,179	3,276	3,600	3,689	3,650	3,502	2,964	2,756
Coal	tonne	32,797	33,727	27,242	25,713	24,490	24,464	25,781	25,888	29,000	24,220
Fuel wood ¹	tonne	3,900	3,400	2,500	2,000	1,800	1,500	1,500	1,450	1,430	1,415
Electricity	GWh	415.9	446.2	496.1	551.3	558.8	651.6	711.4	711.7	742.2	769
1.2 bagasse ¹	tonne	1,216,900	1,062,100	1,143,800	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379
2. Transport											
Gasolene	tonne	83,958	87,387	87,671	88,592	89,500	92,000	87,749	87,507	89,242	90,350
LPG	tonne	-	-	-	263.51	485	633	820	1,216	2,223	2,691
Diesel oil	tonne	101,876	106,224	113,361	118,934	126,500	142,000	145,555	153,437	161,267	164,120
Aviation fuel (local aircraft)	tonne	72,305	80,569	79,025	89,537	97,126	108,082	124,652	108,972	123,627	137,002
3. Household											
Kerosene	tonne	10,590	10,504	9,533	9,472	9,100	9,600	9,480	8,409	8,265	8,726
LPG	tonne	28,600	30,437	32,313	32,837	34,700	37,710	37,850	39,023	40,559	42,856
Fuel wood ¹	tonne	26,100	23,200	20,900	19,000	16,400	16,000	15,900	15,850	15,780	15,940
Charcoal ¹	tonne	400	350	300	250	200	150	150	130	125	120
Electricity	GWh	340.0	364.5	394.9	431.2	449.6	491.9	522.8	532.5	564.6	575.0
4. Commercial and Distributive Trade											
LPG	tonne	3,150	3,356	3,650	4,000	4,500	4,150	4,450	4,559	5,749	6,372
Charcoal ¹	tonne	800	500	300	300	300	300	330	340	350	360
Electricity	GWh	232.3	256.3	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516
5. Agriculture											
Diesel oil ¹	tonne	1,900	2,000	2,100	2,200	2,300	2,400	2,460	2,430	2,410	2,375
Electricity	GWh	17.3	21.3	20.5	25.3	22.5	27.2	26.8	27.5	27.0	23.8

¹ Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 1995 - 2004

	ktoe									
Sector	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1. Manufacturing	305.3	292.2	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3
1.1 excluding bagasse	110.6	122.3	128.8	139.2	144.1	164.8	177.8	178.4	180.6	176.3
Fuel oil	32.8	35.1	37.9	41.1	43.3	47.0	58.2	59.0	53.4	47.9
Diesel oil	17.4	23.6	26.9	30.5	33.0	42.0	37.9	37.8	41.7	43.8
LPG	2.8	3.0	3.4	3.5	3.9	4.0	3.9	3.8	3.2	3.0
Coal	20.3	20.9	16.9	15.9	15.2	15.2	16.0	16.1	18.0	15.0
Fuel wood ¹	1.5	1.3	1.0	0.8	0.7	0.6	0.6	0.6	0.5	0.5
Electricity	35.8	38.4	42.7	47.4	48.0	56.0	61.2	61.2	63.8	66.1
1.2 bagasse ¹	194.7	169.9	183.0	160.1	96.1	85.1	84.6	70.8	81.6	82.9
2. Transport	268.8	285.5	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7
Gasolene	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6
LPG	-	-	-	0.3	0.5	0.7	0.9	1.3	2.4	2.9
Diesel oil	102.9	107.3	114.5	120.1	127.8	143.4	147.0	155.0	162.9	165.8
Aviation Fuel	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5
3. Household	81.3	84.2	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0
Kerosene	11.0	10.9	9.9	9.9	9.5	10.0	9.9	8.7	8.6	9.1
LPG	30.9	32.9	34.9	35.5	37.5	40.7	40.9	42.1	43.8	46.3
Fuel wood ¹	9.9	8.8	7.9	7.2	6.2	6.1	6.0	6.0	6.0	6.1
Charcoal ¹	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	29.2	31.3	34.0	37.1	38.7	42.3	45.0	45.8	48.6	49.5
4. Commercial and Distributive Trade	24.0	26.0	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5
LPG	3.4	3.6	3.9	4.3	4.9	4.5	4.8	4.9	6.2	6.9
Charcoal ¹	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Electricity	20.0	22.0	25.0	27.7	29.0	32.2	35.7	36.5	41.2	44.4
5. Agriculture	3.4	3.9	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4
Diesel oil ¹	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.4	2.4
Electricity	1.5	1.8	1.8	2.2	1.9	2.3	2.3	2.4	2.3	2.1
6. Other (n.e.s) and losses	1.3	1.4	1.5	1.6	1.8	2.3	2.3	2.4	2.9	3.2
TOTAL	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.0	814.9	838.1

¹ Estimates

Table 4.5 - Percentage share of final energy consumption (ktoe) by sector and type of fuel, 1995 - 2004

	%									
Sector	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1. Manufacturing	43.7	41.6	42.4	40.2	34.4	33.4	33.5	32.6	32.2	30.9
1.1 Excluding bagasse	16.7	17.9	17.8	18.5	20.6	22.0	22.7	23.3	22.2	21.0
Fuel oil	3.8	4.0	4.1	4.3	6.2	6.3	7.4	7.7	6.6	5.7
Diesel oil	2.0	2.7	2.9	3.2	4.7	5.6	4.8	4.9	5.1	5.2
LPG	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.5	0.4	0.4
Coal	2.4	2.4	1.8	1.7	2.2	2.0	2.0	2.1	2.2	1.8
Fuel wood	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	8.0	8.4	8.6	9.0	6.9	7.5	7.8	8.0	7.8	7.9
1.2 Bagasse	27.0	23.7	24.6	21.6	13.8	11.4	10.8	9.3	10.0	9.9
2. Transport	31.5	32.3	31.1	32.1	46.7	47.5	47.5	47.6	47.9	48.8
Gasolene	10.6	10.7	10.1	9.9	13.8	13.3	12.1	12.4	11.8	11.6
LPG	-	-	-	0.04	0.1	0.1	0.1	0.2	0.3	0.3
Diesel oil	12.0	12.1	12.2	12.5	18.3	19.1	18.7	20.3	20.0	19.8
Jet Fuel	8.8	9.5	8.8	9.7	14.5	15.0	16.5	14.8	15.8	17.0
3. Household	14.1	14.4	14.4	14.9	13.2	13.2	13.0	13.4	13.2	13.2
Kerosene	1.3	1.2	1.1	1.0	1.4	1.3	1.3	1.1	1.1	1.1
LPG	3.6	3.7	3.7	3.7	5.4	5.4	5.2	5.5	5.4	5.5
Fuel wood	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8	0.7	0.7
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	8.8	9.1	9.3	9.8	5.5	5.6	5.7	6.0	6.0	5.9
4. Commercial and Distributive Trade	6.4	6.8	7.3	7.8	4.9	4.9	5.2	5.5	5.9	6.1
LPG	0.4	0.4	0.4	0.4	0.7	0.6	0.6	0.6	0.8	0.8
Charcoal	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	6.0	6.4	6.8	7.4	4.2	4.3	4.6	4.8	5.1	5.3
5. Agriculture	0.7	0.8	0.7	0.8	0.6	0.6	0.6	0.6	0.6	0.5
Diesel oil	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	0.4	0.5	0.5	0.6	0.3	0.3	0.3	0.3	0.3	0.2
6. Other (n.e.s) and losses	3.6	4.1	4.0	4.2	0.3	0.3	0.3	0.3	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4.6 - Final energy consumption by energy source, 1995 - 2004

Energy source		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	Unit	Physical unit									
Gasolene	Thousand tonnes	84.0	87.4	87.7	88.6	89.5	92.0	87.7	87.5	89.2	90.3
Diesel Oil	"	121.0	131.6	142.1	151.4	161.5	186.0	185.5	193.3	205.0	209.9
Kerosene	"	10.6	10.5	9.5	9.5	9.1	9.6	9.5	8.4	8.3	8.7
Aviation Fuel	"	72.3	80.6	79.0	89.5	97.1	108.1	124.7	109.0	123.6	137.0
Fuel Oil	"	34.2	36.6	39.5	42.8	45.2	49.0	60.6	61.4	55.6	49.9
LPG	"	34.3	36.6	39.1	40.4	43.3	46.2	47.1	48.3	51.7	54.9
Coal	"	32.8	33.7	27.2	25.7	24.5	24.5	25.8	25.9	29.0	24.2
Electricity	GWh	1,020.0	1,103.9	1,218.7	1,347.5	1,388.2	1,570.5	1,699.4	1,721.1	1,844.1	1,918.8
Bagasse ¹	Thousand tonnes	1,216.9	1,062.1	1,143.8	1,000.6	600.4	531.8	529.0	442.7	510.2	518.4
Fuel Wood ¹	"	30.0	26.6	23.4	21.0	18.2	17.5	17.4	17.3	17.2	17.4
Charcoal ¹	"	1.2	0.9	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
		Energy unit									
Gasolene	ktoe	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6
Diesel Oil	"	122.2	132.9	143.5	152.9	163.1	187.9	187.4	195.2	207.0	212.0
Kerosene	"	11.0	10.9	9.9	9.9	9.5	10.0	9.9	8.7	8.6	9.1
Aviation Fuel	"	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5
Fuel Oil	"	32.8	35.1	37.9	41.1	43.3	47.0	58.2	59.0	53.4	47.9
LPG	"	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.3
Coal	"	20.3	20.9	16.9	15.9	15.2	15.2	16.0	16.1	18.0	15.0
Electricity	"	87.7	94.9	104.8	115.9	119.4	135.0	146.1	148.0	158.6	165.0
Bagasse	"	194.7	169.9	183.0	160.1	96.1	85.1	84.6	70.8	81.6	82.9
Fuel Wood	"	11.4	10.1	8.9	8.0	6.9	6.7	6.6	6.6	6.5	6.6
Charcoal	"	0.9	0.6	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.4
Total	"	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.0	814.9	838.2
		Share									
Gasolene	%	13.3	13.6	13.1	13.0	13.8	13.3	12.1	12.4	11.8	11.6
Diesel Oil	"	17.9	19.2	19.8	20.8	23.4	25.1	23.9	25.5	25.4	25.3
Kerosene	"	1.6	1.6	1.4	1.3	1.4	1.3	1.3	1.1	1.1	1.1
Aviation Fuel	"	11.0	12.1	11.3	12.6	14.5	15.0	16.5	14.8	15.8	17.0
Fuel Oil	"	4.8	5.1	5.2	5.6	6.2	6.3	7.4	7.7	6.6	5.7
LPG	"	5.4	5.7	5.8	5.9	6.7	6.7	6.5	6.9	6.9	7.1
Coal	"	3.0	3.0	2.3	2.2	2.2	2.0	2.0	2.1	2.2	1.8
Electricity	"	12.8	13.7	14.5	15.7	17.1	18.0	18.6	19.3	19.5	19.7
Bagasse	"	28.5	24.5	25.3	21.7	13.8	11.4	10.8	9.3	10.0	9.9
Fuel Wood	"	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.9	0.8	0.8
Charcoal	"	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total	"	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ estimates

Fig 4.2 - Final energy consumption by main energy sources, 1995 - 2004

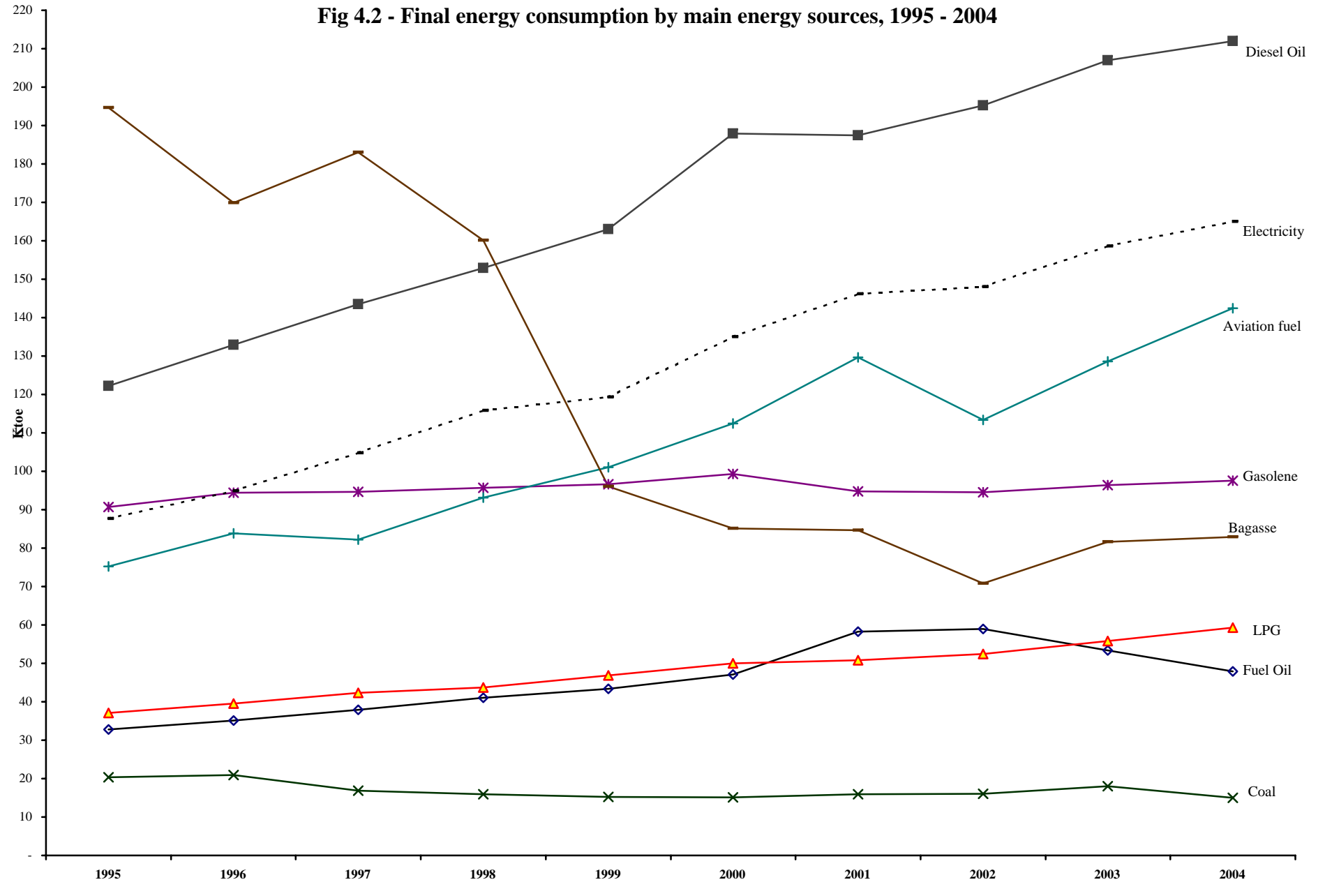


Table 4.7 - Sales of electricity by type of tariff, 1995 - 2004 (Republic of Mauritius)

Tariff group	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Number of consumers										
Domestic	244,286	253,157	261,204	269,981	279,432	288,520	297,051	303,620	311,523	319,425
Commercial	23,648	24,408	25,027	25,758	26,642	27,831	28,594	29,030	29,779	30,541
Industrial	6,502	6,647	6,701	6,854	7,090	7,008	7,084	7,164	7,218	7,205
Other	236	245	252	258	281	293	299	311	328	335
Total	274,672	284,457	293,184	302,851	313,445	323,652	333,028	340,125	348,848	357,506
GWh sold										
Domestic	340.0	364.5	394.9	431.2	449.6	491.9	522.8	532.5	564.6	575.0
Commercial	232.3	256.3	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516.2
Industrial	327.0	359.6	385.3	419.5	437.2	485.8	505.0	527.9	552.0	577.9
Other	14.6	15.6	16.8	17.3	19.9	21.4	23.3	24.4	31.0	34.8
Total	913.9	996.0	1,087.4	1,190.3	1,244.1	1,374.0	1,466.65	1,509.8	1,626.9	1,703.9
Value sold (Rs.mn)										
Domestic	742.8	794.6	865.1	951.1	959.5	1,156.3	1,473.4	1,649.8	1,783.6	1,855.7
Commercial	612.2	670.9	769.6	810.8	823.8	1,038.5	1,411.4	1,707.7	1,928.6	2,091.6
Industrial	602.1	652.8	710.0	735.1	789.4	909.8	1,002.3	1,120.0	1,176.0	1,253.2
Other	17.3	43.9	50.8	52.3	56.9	66.3	83.7	104.5	134.6	151.6
Total	1,974.3	2,162.2	2,395.6	2,549.4	2,629.5	3,171.0	3,970.79	4,582.0	5,022.8	5,352.1
Average sales price (Rs./kWh)										
Domestic	2.18	2.18	2.19	2.21	2.13	2.35	2.82	3.10	3.16	3.23
Commercial	2.64	2.62	2.65	2.52	2.44	2.77	3.40	4.02	4.02	4.05
Industrial	1.84	1.82	1.84	1.75	1.81	1.87	1.98	2.12	2.13	2.17
Other	1.18	2.82	3.02	3.02	2.85	3.09	3.60	4.28	4.34	4.35
Total	2.16	2.17	2.20	2.14	2.11	2.31	2.71	3.03	3.09	3.14

Source: Central Electricity Board

Fig. 4.3 - Percentage distribution of electricity consumers by type of tariff, 2004

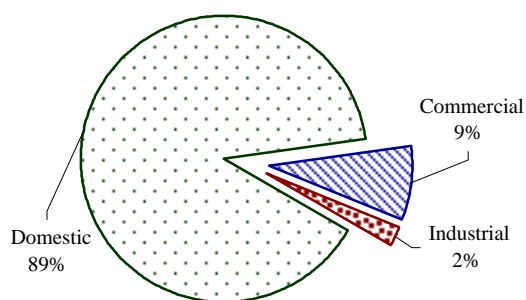


Fig. 4.4 - Percentage share of electricity consumed by type of tariff, 2004

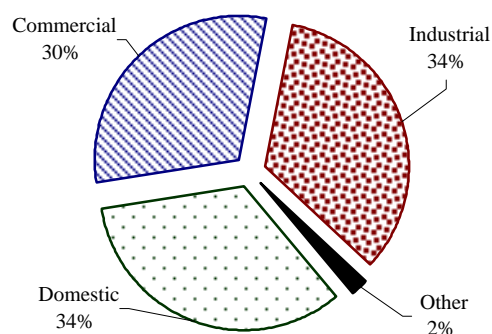
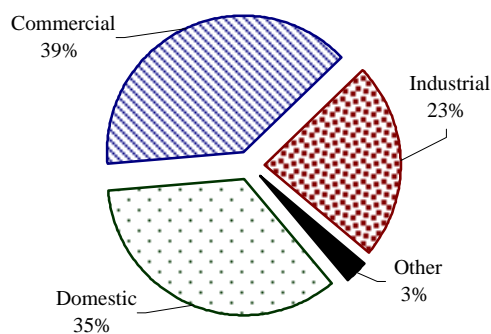
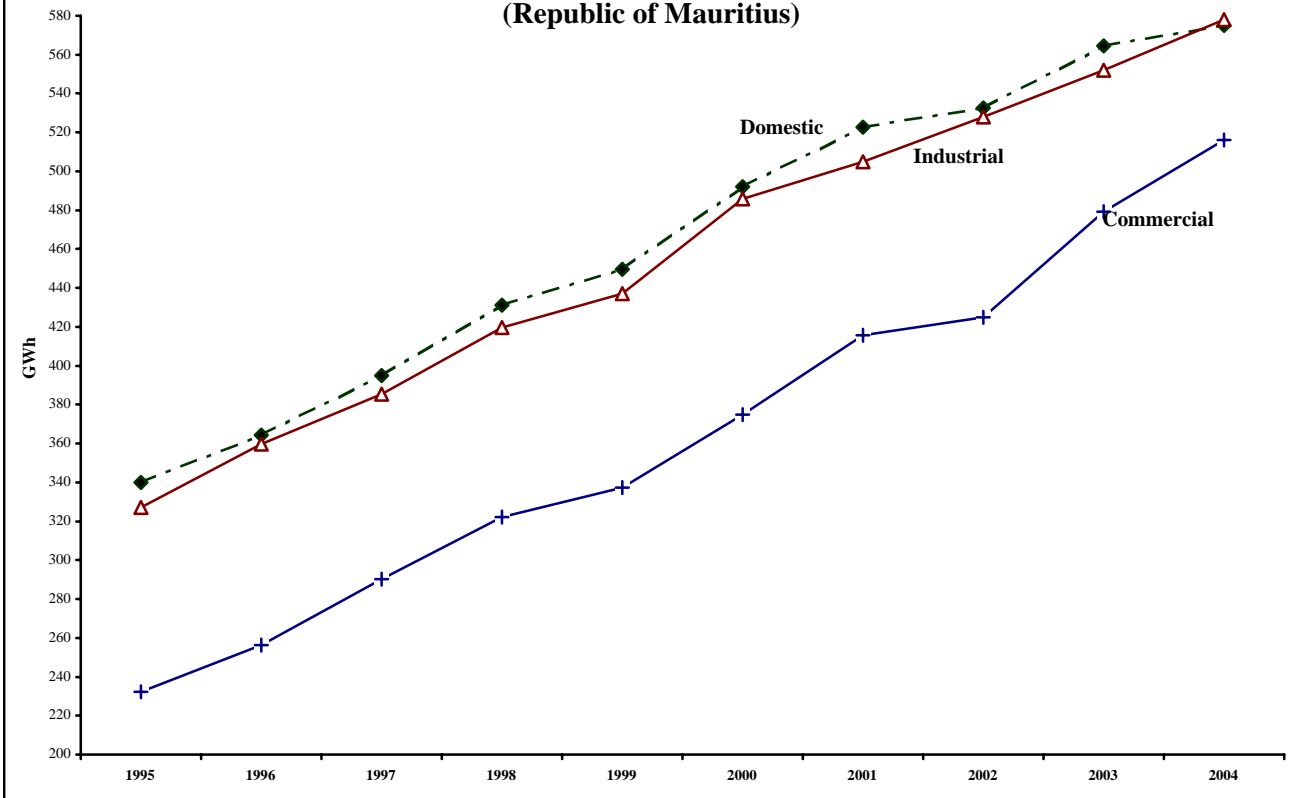


Fig. 4.5 - Percentage share of sales value of electricity by type of tariff, 2004



**Fig. 4.6 - Sales of electricity by type of tariff, 1995 - 2004
(Republic of Mauritius)**



**Fig. 4.7 - Sales value of electricity by type of tariff, 1995 - 2004
(Republic of Mauritius)**

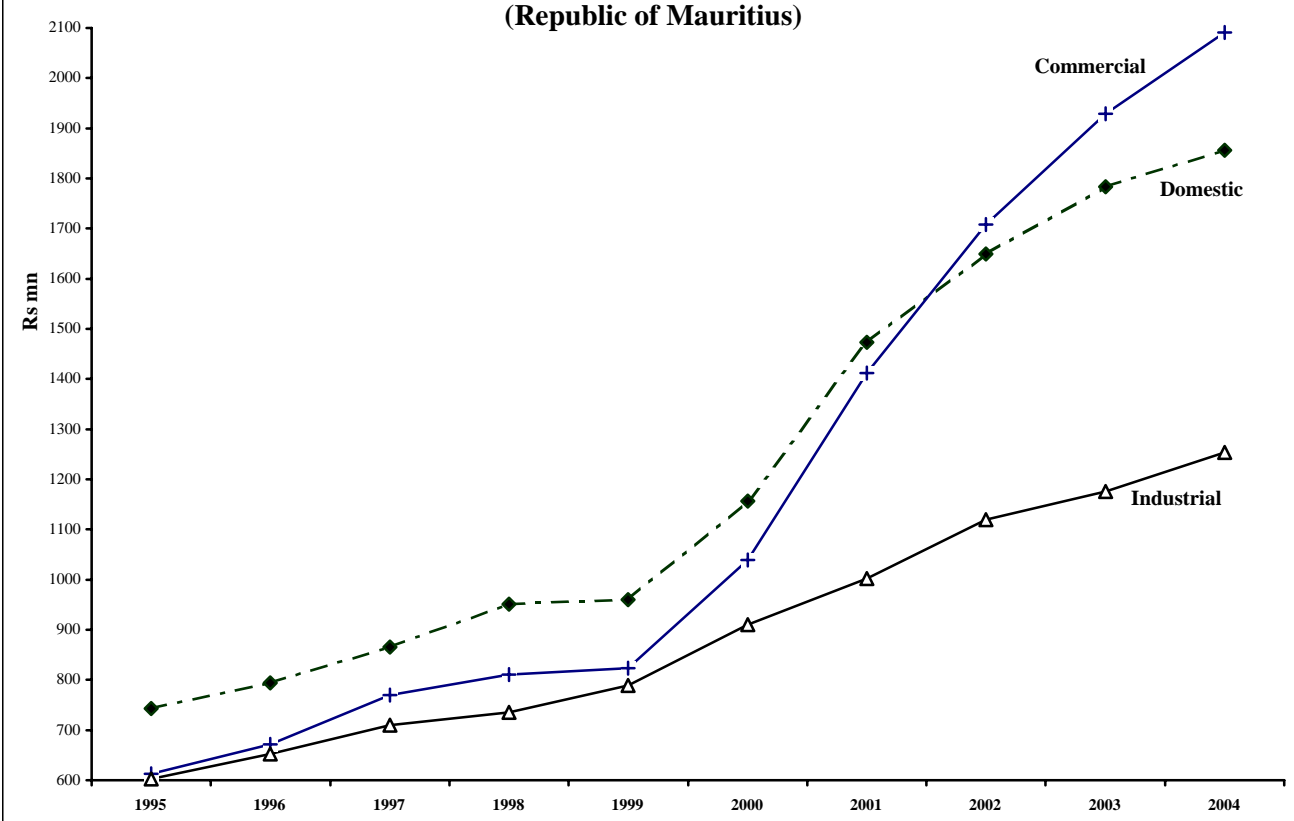


Table 4.8 - Sales of electricity by type of tariff, 1995 - 2004 (Island of Mauritius)

Tariff group	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Number of consumers										
Domestic	237,209	245,769	253,518	261,971	271,061	279,886	288,324	294,666	302,387	310,078
Commercial	22,924	23,631	24,216	24,914	25,730	26,915	27,655	28,054	28,797	29,552
Industrial	6,404	6,539	6,596	6,751	6,981	6,879	6,941	6,980	7,057	7,032
<i>General</i>	6,163	6,269	6,308	6,342	6,419	6,531	6,624	6,662	6,681	6,629
<i>Irrigation</i>	241	270	288	409	562	348	317	318	376	403
Other	230	239	246	251	257	283	293	305	322	328
Total	266,767	276,178	284,576	293,887	304,029	313,963	323,213	330,005	338,563	346,990
GWh sold										
Domestic	334.1	357.9	387.4	422.7	440.3	482.1	512.0	521.1	552.6	562.4
Commercial	229.6	253.6	287.1	318.6	333.5	370.7	411.0	419.7	473.0	509.2
Industrial	325.7	358.0	383.8	417.8	435.5	484.5	503.8	526.7	550.6	576.0
<i>General</i>	308.4	336.7	363.2	392.5	413.1	457.3	477.1	499.2	523.7	552.4
<i>Irrigation</i>	17.3	21.3	20.5	25.3	22.5	27.2	26.7	27.4	26.9	23.7
Other	14.6	15.6	16.8	17.3	19.9	21.2	23.1	24.2	30.8	34.5
<i>Street Lighting</i>	12.6	13.5	14.7	15.0	17.6	19.2	20.9	21.8	27.6	30.6
<i>Temporary</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>CEB</i>	1.9	2.0	2.0	2.2	2.2	1.9	2.0	2.2	3.0	3.8
Total	904.0	985.0	1,075.1	1,176.4	1,229.3	1,358.5	1,449.8	1,491.7	1,607.0	1,682.0
Value sold (Rs.mn)										
Domestic	730.3	780.8	849.4	933.1	939.5	1,134.0	1,445.6	1,617.3	1,749.0	1,817.5
Commercial	604.0	662.5	760.3	799.7	811.9	1,024.8	1,393.0	1,683.1	1,899.3	2,057.5
Industrial	598.9	648.7	706.4	731.3	785.6	906.6	999.0	1,116.5	1,171.9	1,248.3
<i>General</i>	575.4	619.5	677.6	688.5	724.9	868.8	960.7	1,071.9	1,128.1	1,208.8
<i>Irrigation</i>	23.5	29.2	28.8	42.8	60.7	37.8	38.3	44.6	43.8	39.5
Other	17.2	43.8	50.7	52.3	56.8	65.7	82.9	103.5	133.5	150.0
Total	1,950.5	2,135.9	2,366.8	2,516.4	2,593.8	3,131.1	3,920.6	4,520.3	4,953.6	5,273.3
Average sales price (Rs./kWh)										
Domestic	2.19	2.18	2.19	2.21	2.13	2.35	2.82	3.10	3.16	3.23
Commercial	2.63	2.61	2.65	2.51	2.43	2.76	3.39	4.01	4.02	4.04
Industrial	1.84	1.81	1.84	1.75	1.80	1.87	1.98	2.12	2.13	2.17
<i>General</i>	1.87	1.84	1.87	1.75	1.75	1.90	2.01	2.15	2.15	2.19
<i>Irrigation</i>	1.36	1.37	1.40	1.69	2.70	1.39	1.43	1.62	1.63	1.67
Other	1.18	2.82	3.02	3.02	2.85	3.10	3.60	4.28	4.34	4.35
All tariff	2.16	2.17	2.20	2.14	2.11	2.30	2.70	3.03	3.08	3.14
Average no. of units per consumer (kWh)										
Domestic	1,408	1,456	1,528	1,613	1,624	1,723	1,776	1,769	1,828	1,814
Commercial	10,017	10,730	11,857	12,787	12,961	13,771	14,861	14,960	16,426	17,229
Industrial	50,859	54,753	58,181	61,894	62,389	70,430	72,589	75,455	78,022	81,917
<i>General</i>	50,035	53,715	57,582	61,891	64,351	70,014	72,026	74,937	78,382	83,328
<i>Irrigation</i>	71,820	78,834	71,291	61,946	39,985	78,223	84,348	86,313	71,625	58,716
Other	54,874	56,305	59,909	59,599	68,419	67,843	71,391	71,610	85,748	93,190
All consumers	3,389	3,567	3,778	4,003	4,043	4,327	4,486	4,520	4,747	4,848

Source: Central Electricity Board

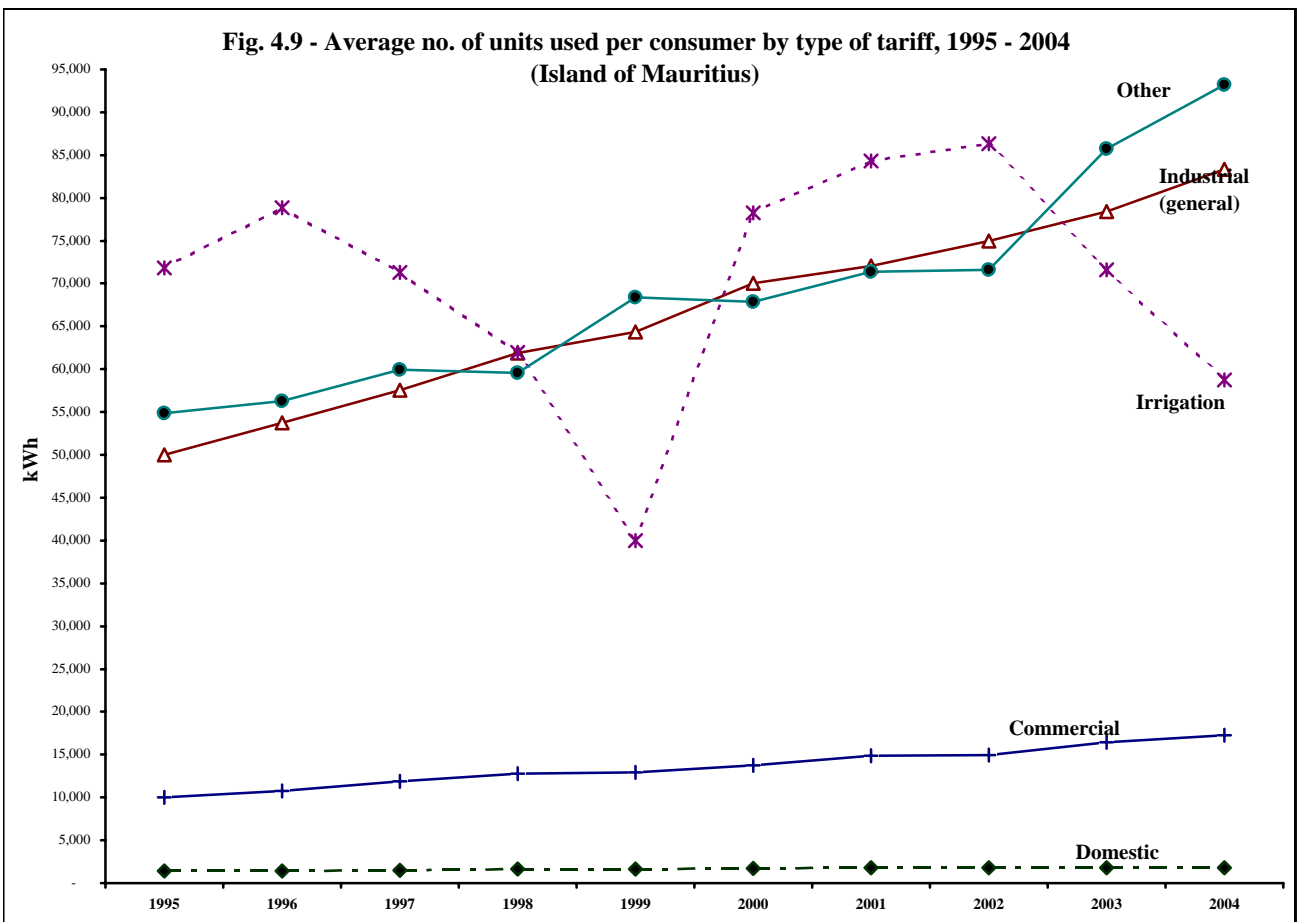
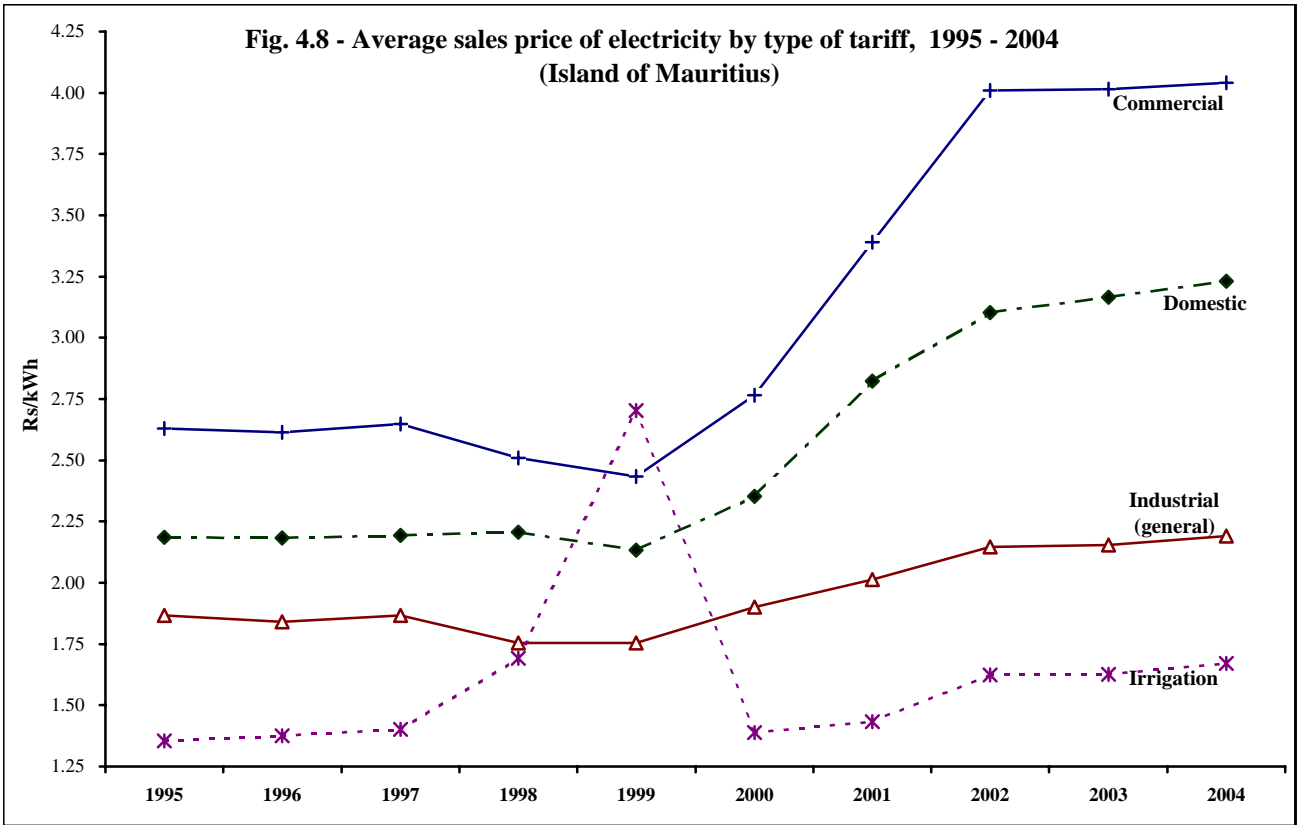
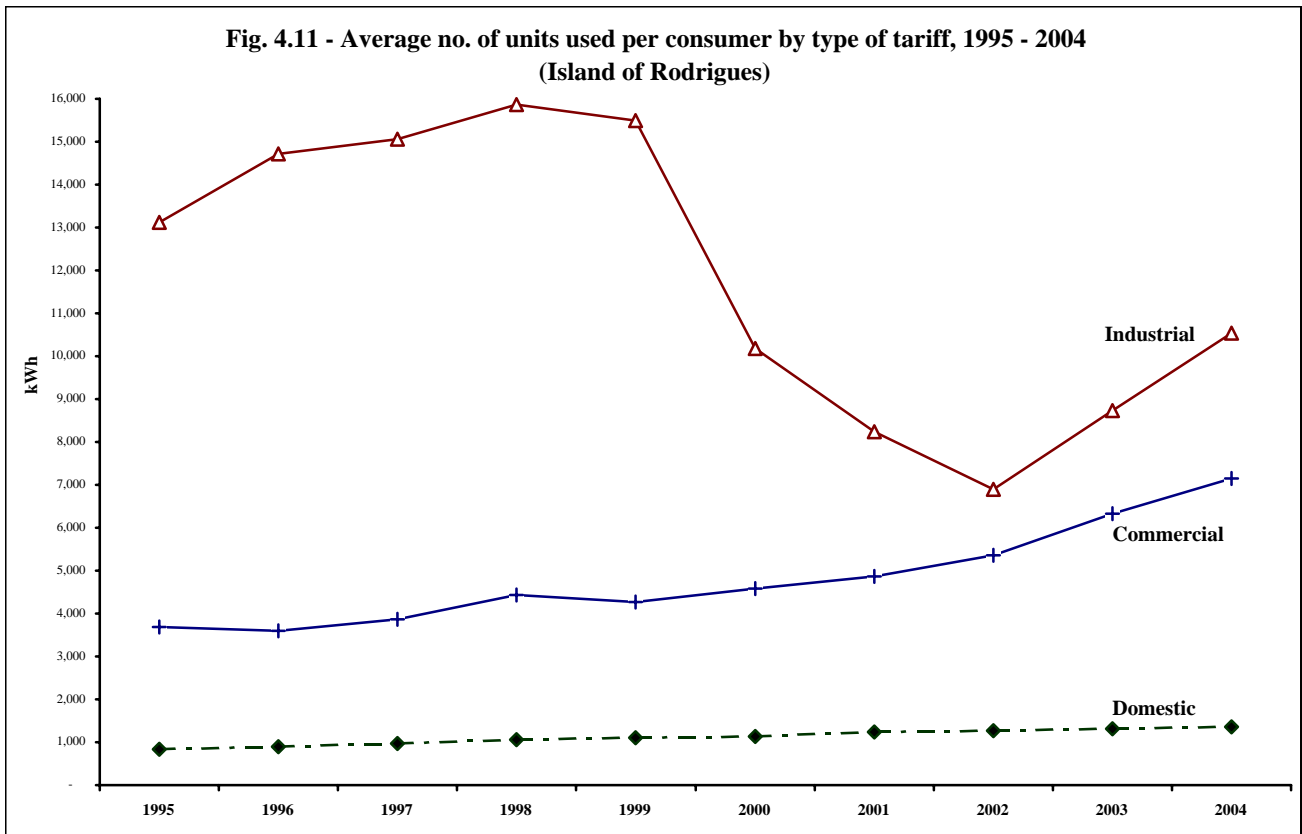
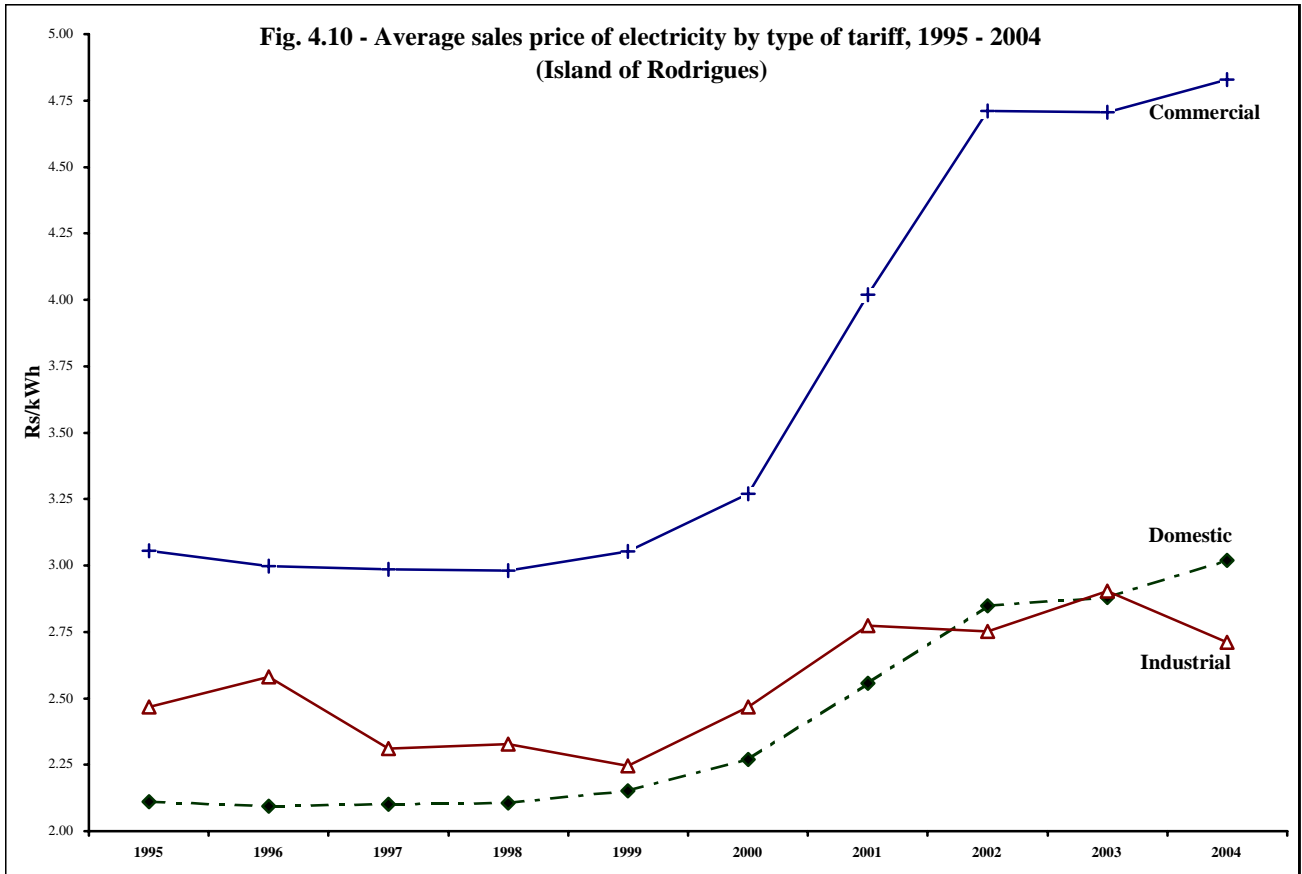


Table 4.9 - Sales of electricity by type of tariff, 1995 - 2004 (Island of Rodrigues)

Tariff group	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Number of consumers										
Domestic	7,077	7,388	7,686	8,010	8,371	8,634	8,727	8,954	9,136	9,347
Commercial	724	777	811	844	912	916	939	976	982	989
Industrial	98	108	105	103	109	129	143	184	161	173
Other	6	6	6	7	24	10	6	6	6	7
Total	7,905	8,279	8,608	8,964	9,416	9,689	9,815	10,120	10,285	10,516
GWh sold										
Domestic	5.9	6.6	7.5	8.5	9.3	9.8	10.8	11.4	12.0	12.6
Commercial	2.7	2.8	3.1	3.7	3.9	4.2	4.6	5.2	6.2	7.1
Industrial	1.3	1.6	1.6	1.6	1.7	1.3	1.2	1.3	1.4	1.8
Other	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.4
Total	9.9	11.0	12.2	13.9	14.9	15.6	16.8	18.2	19.8	21.9
Value sold (Rs.mn)										
Domestic	12.5	13.8	15.7	18.0	20.0	22.3	27.7	32.5	34.4	38.2
Commercial	8.1	8.4	9.4	11.2	11.9	13.7	18.4	24.6	29.3	34.1
Industrial	3.2	4.1	3.7	3.8	3.8	3.2	3.3	3.5	4.1	4.9
Other	0.0	0.0	0.0	0.1	0.0	0.7	0.8	1.0	1.1	1.6
Total	23.8	26.3	28.8	33.0	35.7	39.9	50.2	61.7	68.9	78.8
Average sales price (Rs./kWh)										
Domestic	2.11	2.10	2.10	2.11	2.15	2.27	2.56	2.85	2.88	3.02
Commercial	3.06	3.00	2.99	2.98	3.05	3.27	4.02	4.71	4.71	4.83
Industrial	2.47	2.58	2.31	2.33	2.25	2.47	2.77	2.75	2.90	2.71
Other	3.29	3.23	3.26	3.19	3.17	2.90	3.50	4.20	4.20	4.36
Average	2.41	2.40	2.36	2.37	2.40	2.57	2.98	3.40	3.47	3.60
Average no. of units per consumer (kWh)										
Domestic	834	891	975	1,065	1,110	1,137	1,243	1,274	1,309	1,352
Commercial	3,683	3,599	3,869	4,434	4,266	4,576	4,873	5,359	6,336	7,145
Industrial	13,114	14,714	15,065	15,862	15,496	10,180	8,242	6,902	8,727	10,539
Other	1,639	2,172	2,383	2,409	603	22,715	39,793	41,148	44,122	53,047
Average	1,247	1,326	1,420	1,553	1,581	1,605	1,716	1,794	1,930	2,083

Source: Central Electricity Board



Section V
Energy data from
Housing and Population Census

**Table 5.1 - Housing units occupied by private households by geographical location of residence and availability of electricity
- Housing and Population Census 1990 & 2000**

Geographical location	Availability of electricity							
	1990				2000			
	Available	Not available	Not stated	Total	Available	Not available	Not stated	Total
Island of Mauritius								
Port Louis	28,877	544	35	29,456	32,281	420	15	32,716
Pamplemousses	20,088	660	8	20,756	29,980	343	5	30,328
Riviere du Rempart	17,446	634	18	18,098	24,512	224	15	24,751
Flacq	20,671	1,152	27	21,850	28,605	460	19	29,084
Grand Port	18,650	702	24	19,376	25,035	320	4	25,359
Savanne	11,626	599	17	12,242	15,855	186	3	16,044
Plaines Wilhems	70,563	726	44	71,333	93,917	550	27	94,494
Moka	12,624	411	21	13,056	17,653	151	12	17,816
Black River	9,415	421	8	9,844	17,308	437	7	17,752
Total	209,960	5,849	202	216,011	285,146	3,091	107	288,344
	<i>(97.2 %)</i>	<i>(2.7 %)</i>	<i>(0.1 %)</i>	<i>(100.0 %)</i>	<i>(98.9 %)</i>	<i>(1.1 %)</i>	<i>(0.0 %)</i>	<i>(100.0 %)</i>
Island of Rodrigues	5,334	2,465	11	7,810	8,530	703	21	9,254
Agalega	71	2	-	73
Republic of Mauritius	215,294	8,314	213	223,821	293,747	3,796	128	297,671
	<i>(96.2 %)</i>	<i>(3.7 %)</i>	<i>(0.1 %)</i>	<i>(100.0%)</i>	<i>(98.7 %)</i>	<i>(1.3 %)</i>	<i>(0.0 %)</i>	<i>(100.0 %)</i>

Table 5.2 - Private households by geographical location of residence and principal fuel used for cooking, 1990 & 2000

Geographical location	Principal fuel used for cooking						Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	
Housing and Population Census 1990							
Island of Mauritius							
Port Louis	2,089	1,035	8,222	449	18,809	182	30,786
Pamplemousses	7,190	88	4,775	130	9,514	16	21,713
Riviere du Rempart	8,178	36	3,829	157	6,483	35	18,718
Flacq	12,061	37	3,887	136	7,636	32	23,789
Grand Port	7,441	15	5,224	192	8,266	52	21,190
Savanne	4,434	22	3,887	68	5,154	18	13,583
Plaines Wilhems	6,821	1,136	14,901	2,076	50,430	167	75,531
Moka	3,696	74	3,235	93	7,151	30	14,279
Black River	3,749	134	2,040	126	3,786	23	9,858
Total	55,659	2,577	50,000	3,427	117,229	555	229,447
	(24.3 %)	(1.1%)	(21.8 %)	(1.5 %)	(51.1 %)	(0.2 %)	(100.0 %)
Island of Rodrigues	4,011	10	1,262	200	1,779	16	7,278
Republic of Mauritius	59,670	2,587	51,262	3,627	119,008	571	236,725
	(25.2 %)	(1.1 %)	(21.7 %)	(1.5 %)	(50.3 %)	(0.2 %)	(100.0%)
Housing and Population Census 2000							
Island of Mauritius							
Port Louis	457	131	1,042	132	30,891	100	32,753
Pamplemousses	1,573	45	1,062	94	27,083	29	29,886
Riviere du Rempart	1,925	8	972	77	21,441	19	24,442
Flacq	3,166	36	1,144	71	26,270	26	30,713
Grand Port	1,511	20	1,300	121	23,665	59	26,676
Savanne	585	17	984	35	15,183	14	16,818
Plaines Wilhems	785	207	1,833	837	89,988	112	93,762
Moka	367	6	756	45	17,362	5	18,541
Black River	1,043	51	449	68	13,954	14	15,579
Total	11,412	521	9,542	1,480	265,837	378	289,170
	(4.0 %)	(0.2 %)	(3.3 %)	(0.5 %)	(91.9 %)	(0.1 %)	(100.0 %)
Island of Rodrigues	1,509	17	487	106	6,524	8	8,651
Agalega	2	-	-	-	58	-	60
Republic of Mauritius	12,923	538	10,029	1,586	272,419	386	297,881
	(4.3 %)	(0.2 %)	(3.4 %)	(0.5 %)	(91.5 %)	(0.1 %)	(100.0%)

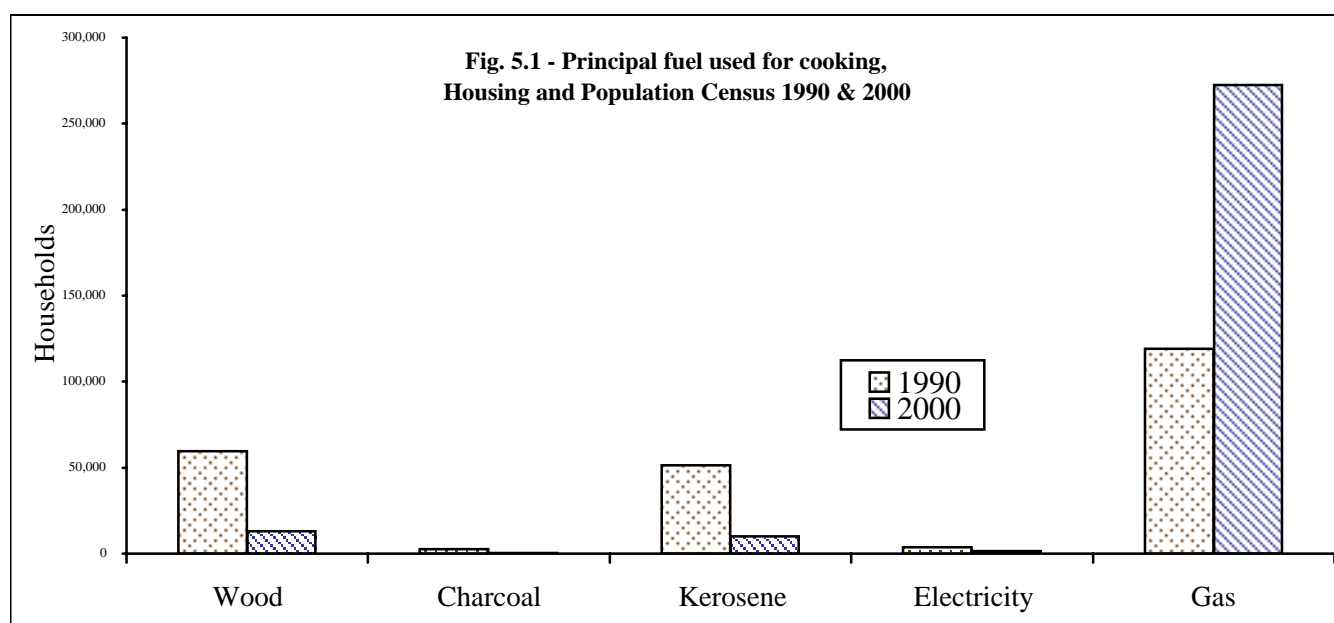
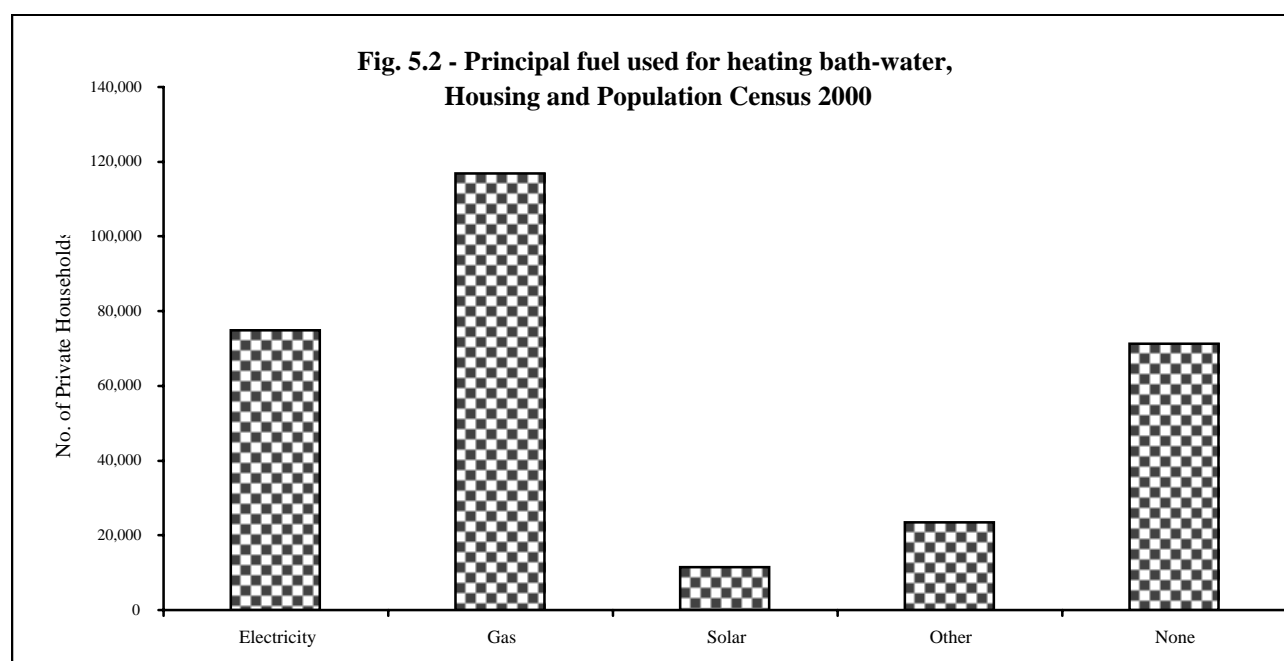


Table 5.3 - Private households by geographical location of residence and principal fuel used for heating bath-water¹ - Housing and Population Census 2000

Geographical location	Principal fuel used for heating bath-water					Total
	Electricity	Gas	Solar	Other	None ²	
Island of Mauritius						
Port Louis	8,690	7,921	826	525	14,791	32,753
Pamplemousses	4,143	6,820	1,727	1,375	15,821	29,886
Riviere du Rempart	2,642	9,707	1,351	2,959	7,783	24,442
Flacq	3,283	13,071	1,033	3,842	9,484	30,713
Grand Port	4,912	14,059	351	3,647	3,707	26,676
Savanne	2,790	10,101	265	2,446	1,216	16,818
Plaines Wilhems	40,591	37,267	4,673	4,159	7,072	93,762
Moka	4,153	10,258	483	2,309	1,338	18,541
Black River	3,190	7,104	745	1,977	2,563	15,579
Total	74,394 (25.7 %)	116,308 (40.2 %)	11,454 (4.0 %)	23,239 (8.0 %)	63,775 (22.1 %)	289,170 (100.0 %)
Island of Rodrigues	454	471	73	154	7,499	8,651
Agalega	-	12	-	-	48	60
Republic of Mauritius	74,848 (25.1 %)	116,791 (39.2 %)	11,527 (3.9 %)	23,393 (7.9 %)	71,322 (23.9 %)	297,881 (100.0 %)

¹ The water need not be heated in the bathroom

² Includes households where hot water is not regularly used for bathing



Section VI
Water Statistics

Table 6.1 - Water balance for *Island of Mauritius* , 2000 - 2004

	Unit	2000	2001	2002	2003	2004
Rainfall	Mm ³	3,749	3,527	3,905	4,006	4,233
Surface Runoff	Mm ³	2,249	2,116	2,343	2,403	2,540
Evapotranspiration	Mm ³	1,125	1,058	1,171	1,202	1,270
Net Recharge to Groundwater	Mm ³	375	353	391	401	423

Source : Water Resources Unit

Table 6.2 - Main water indicators, 2000 - 2004 (*Island of Mauritius*)

Details	Unit	2000	2001	2002	2003	2004
Mid-year population	thousand	1,151	1,164	1,174	1,186	1,197
Mean annual rainfall	millimetres	2,010	1,891	2,082	2,148	2,270
Potable water produced	Mm ³	173	175	177	184	185
Potable water consumed	Mm ³	82	85	86	90	90
Potable water produced per capita per day	litres	411	411	413	425	423
Potable water consumed per capita per day	litres	196	200	201	207	206

Table 6.3 - Mean rainfall, 2000-2004(Island of Mauritius)

		<i>Millimetres</i>																				
Period	Long Term Mean (1961-1990)	2000		2001		2002		2003		2004		Long Term Mean (1961-1990)	2000		2001		2002		2003		2004	
		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	Mean	% of Long Term Mean
Year		North										South										
	1,507	1,150	76	1185	79	1166	77	1325	88	1495	99	2,636	2,265	86	2362	90	2537	96	2533	96	2794	106
Jan	235	245	104	207	88	358	152	103	44	331	141	328	408	124	396	121	546	166	181	55	490	149
Feb	243	237	98	157	65	56	23	237	98	134	55	322	356	111	219	68	99	31	424	132	417	130
Mar	189	114	60	136	72	190	101	139	74	189	100	309	274	89	198	64	284	92	212	69	271	88
Apr	171	108	63	236	138	67	39	316	185	187	109	292	145	50	535	183	253	87	434	149	396	136
May	104	58	56	56	54	83	80	139	134	133	128	214	139	65	123	57	192	90	258	121	290	136
Jun	86	72	84	30	35	71	83	60	70	70	81	175	181	103	149	85	234	134	187	107	196	112
Jul	83	80	96	47	57	100	120	77	93	75	90	194	83	43	125	64	202	104	319	164	111	57
Aug	76	70	92	36	47	61	80	70	92	28	37	160	249	156	121	76	212	133	111	69	53	33
Sep	49	25	51	58	118	19	39	78	159	135	276	114	59	52	154	135	56	49	214	188	104	91
Oct	48	58	121	69	144	39	81	21	44	14	29	104	154	148	114	110	70	67	47	45	39	38
Nov	67	47	70	12	18	20	30	56	84	89	133	138	108	78	57	41	51	37	100	72	213	154
Dec	156	36	23	141	90	102	65	29	19	110	71	286	109	38	171	60	338	118	46	16	214	75
Year		East										West										
	2,169	2,184	101	2046	94	2124	98	2403	111	2474	114	1,049	1,026	98	833	79	1374	131	979	93	900	86
Jan	282	382	135	300	106	588	209	136	48	464	165	192	430	224	181	94	793	413	93	48	270	141
Feb	313	340	109	241	77	135	43	352	112	355	113	200	203	102	145	73	103	52	192	96	189	95
Mar	268	199	74	179	67	260	97	265	99	231	86	129	68	53	86	67	90	70	83	64	118	91
Apr	243	298	123	362	149	157	65	579	238	364	150	106	48	45	149	141	32	30	319	301	72	68
May	184	126	68	152	83	184	100	229	124	226	123	48	29	60	18	38	31	65	83	173	30	63
Jun	123	146	119	116	94	136	111	142	115	147	120	48	27	56	24	50	68	142	36	75	35	73
Jul	135	153	113	104	77	181	134	216	160	107	79	49	29	59	23	47	32	65	47	96	17	35
Aug	115	165	143	81	70	117	102	117	102	51	44	44	36	82	28	64	21	48	29	66	8	18
Sep	82	56	68	134	163	51	62	173	211	152	185	25	14	56	29	116	6	24	23	92	14	56
Oct	90	134	149	97	108	68	76	34	38	42	47	25	29	116	54	216	27	108	6	24	7	28
Nov	103	99	96	52	50	35	34	97	94	154	150	45	29	64	4	9	7	16	27	60	33	73
Dec	231	86	37	228	99	212	92	63	27	181	78	138	84	61	92	67	164	119	41	30	107	78

Source: Mauritius Meteorological Services

Table 6.3 -Mean rainfall, 2000-2004(Island of Mauritius) (cont'd)

Millimetres

Period	Long Term Mean (1961-1990)	2000		2001		2002		2003		2004		Long Term Mean (1961-1990)	2000		2001		2002		2003		2004	
		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	Mean	% of Long Term Mean
Year	2,859	2,865	100	2,413	84	2,930	102	3,018	106	3,280	115	2,110	2,010	95	1,891	90	2,082	99	2,148	102	2,270	108
Jan	400	544	136	339	85	804	201	197	49	617	154	295	409	139	297	101	602	204	142	48	443	150
Feb	416	485	117	247	59	174	42	490	118	438	105	308	337	109	216	70	118	38	358	116	316	103
Mar	350	330	94	166	47	313	89	269	77	402	115	258	202	78	163	63	242	94	204	79	252	98
Apr	296	199	67	469	158	209	71	521	176	386	130	231	180	78	364	158	151	65	454	197	297	129
May	197	144	73	143	73	247	125	354	180	336	171	155	106	68	107	69	157	101	218	141	203	131
Jun	175	182	104	172	98	207	118	195	111	201	115	125	128	102	100	80	144	115	128	102	131	105
Jul	188	218	116	158	84	200	106	315	168	130	69	133	126	95	99	74	151	114	208	156	93	70
Aug	183	260	142	175	96	218	119	163	89	76	42	120	161	134	93	78	129	108	105	88	46	38
Sep	125	79	63	152	122	63	50	245	196	143	114	83	49	59	138	166	43	52	150	181	120	145
Oct	119	152	128	128	108	87	73	65	55	59	50	82	138	168	96	117	63	77	36	44	36	44
Nov	129	152	118	60	47	87	67	119	92	202	157	99	90	91	40	40	43	43	86	87	139	140
Dec	281	120	43	204	73	321	114	85	30	290	103	221	84	38	178	81	239	108	59	27	194	88

Source: Mauritius Meteorological Services

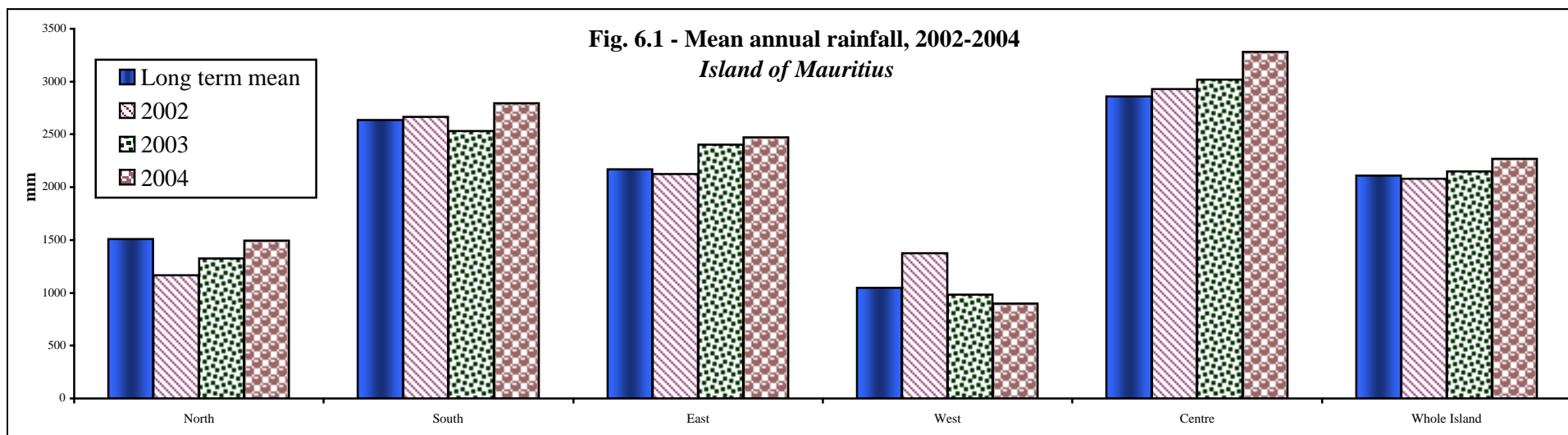


Table 6.4 - Mean rainfall, 2000-2004 (Island of Rodrigues)

Period	Long Term Mean (1961-1990)	2000		2001		2002		2003		2004	
		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
Pointe Canon											
Year	1,117	974	87	883	79	997	89	1,320	118	1,134	102
Jan	132	178	135	61	46	127	96	91	69	208	158
Feb	168	185	110	72	43	66	39	87	52	55	33
Mar	150	110	73	35	23	189	126	365	243	110	73
Apr	129	42	33	101	78	62	48	336	260	264	205
May	87	63	72	102	117	81	93	115	132	164	189
Jun	73	90	123	103	141	69	95	61	84	66	90
Jul	85	56	66	111	131	76	89	65	76	41	48
Aug	61	51	84	30	49	154	252	35	57	83	136
Sep	41	76	185	131	320	46	112	69	168	56	137
Oct	38	40	105	65	171	63	166	24	63	19	50
Nov	63	68	108	61	97	14	22	56	89	31	49
Dec	90	15	17	11	12	50	56	16	18	37	41
Plaine Corail¹											
Year	946	676	71	717	76	864	91	1,105	117	1,088	115
Jan	122	65	53	45	37	132	108	116	95	226	185
Feb	168	98	58	60	36	40	24	116	69	57	34
Mar	125	80	64	17	14	214	171	145	116	116	93
Apr	100	37	37	111	111	103	103	301	301	251	251
May	72	49	68	67	93	50	69	90	124	191	265
Jun	62	103	166	60	97	60	97	106	170	48	78
Jul	53	31	58	66	124	37	69	41	77	37	69
Aug	46	64	140	40	87	57	125	25	55	33	72
Sep	32	40	125	167	523	45	141	76	236	43	135
Oct	32	31	97	64	200	58	181	32	98	25	78
Nov	64	51	80	18	28	14	22	20	31	23	36
Dec	70	27	38	2	3	54	77	14	20	38	54

¹ Long term mean has been provided for 1971-2000

Source: Mauritius Meteorological Services

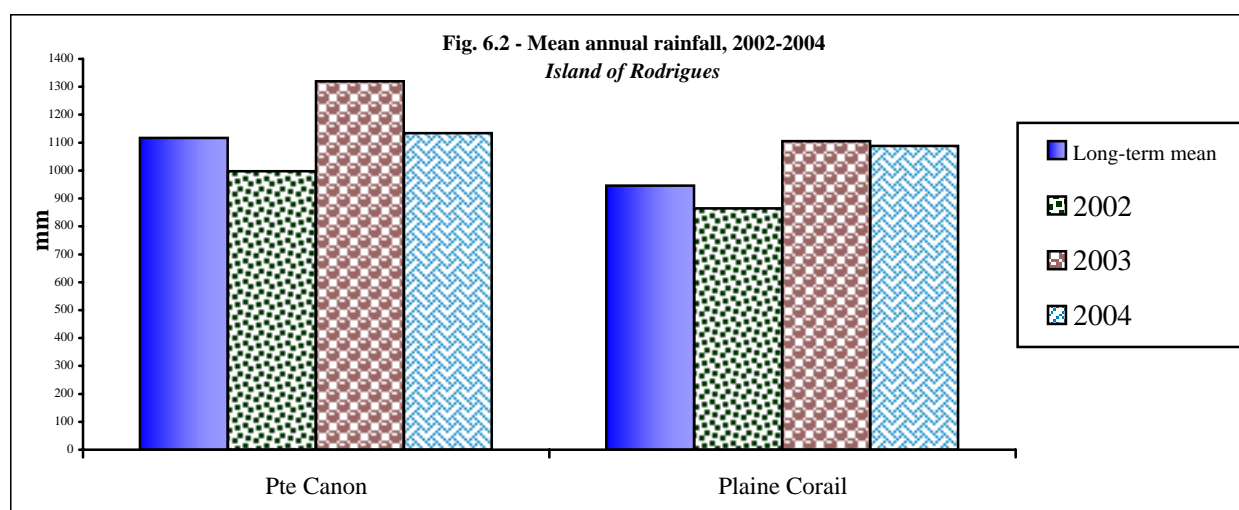


Table 6.5 - Percentage of water level by month and reservoir, 2000 - 2004 (Island of Mauritius)

Period	Average for 1990-1999 (%)	2000			2001			2002			2003			2004		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
Mare aux Vacoas (Capacity 25.89 Mm³)																
Jan	60	34	31	47	69	65	72	62	48	84	69	66	73	74	65	79
Feb	65	60	50	72	73	70	74	82	80	84	77	68	85	84	79	90
Mar	80	77	72	84	69	65	73	85	80	87	84	81	86	96	92	98
Apr	83	85	83	86	75	64	85	87	85	89	88	83	91	98	96	99
May	83	87	83	88	81	78	85	88	87	89	97	92	99	98	97	99
Jun	81	80	78	83	77	75	79	90	89	93	94	92	95	96	95	97
Jul	79	85	81	87	77	75	79	95	93	96	97	94	98	96	94	98
Aug	80	92	86	95	81	76	83	97	96	98	97	95	98	90	85	94
Sep	78	92	89	95	76	73	79	96	93	98	97	95	98	80	76	85
Oct	72	89	85	91	68	65	72	88	83	92	93	88	97	70	64	76
Nov	63	80	78	85	61	57	65	78	73	82	83	79	88	62	59	64
Dec	58	73	68	77	51	47	56	72	70	73	72	65	78	58	55	60
La Nicoliere (Capacity 5.26 Mm³)																
Jan	63	43	37	66	64	39	100	78	28	100	40	36	44	82	54	100
Feb	75	97	73	100	97	91	100	97	93	100	68	45	93	100	100	100
Mar	91	100	100	100	100	99	100	99	96	100	93	84	100	100	100	100
Apr	92	100	99	100	100	99	100	90	78	98	100	97	100	100	100	100
May	95	99	92	100	98	95	100	72	61	79	98	89	100	100	100	100
Jun	94	80	74	91	89	82	99	79	63	91	67	38	88	100	98	100
Jul	93	94	78	100	90	84	95	98	92	100	55	28	96	100	99	100
Aug	94	100	100	100	98	90	100	99	96	100	79	52	100	84	62	99
Sep	89	90	76	100	84	73	91	84	55	98	48	29	82	71	56	96
Oct	69	69	58	75	50	40	71	38	31	54	69	50	92	74	63	95
Nov	46	42	34	56	41	34	44	25	19	31	75	63	91	79	65	92
Dec	39	50	42	57	26	23	33	31	20	40	69	49	88	71	61	81
Piton du Milieu (Capacity 2.99 Mm³)																
Jan	64	69	64	100	67	60	75	74	40	100	69	65	74	77	46	100
Feb	72	100	99	100	75	74	76	99	99	100	90	74	100	100	99	100
Mar	88	100	99	100	75	72	76	99	98	100	99	97	100	100	99	100
Apr	89	99	96	100	90	71	100	98	95	100	100	98	100	100	99	100
May	91	98	96	100	96	92	99	98	95	99	100	98	100	99	98	100
Jun	86	89	83	95	95	92	99	99	98	100	97	94	99	94	91	98
Jul	83	88	83	91	95	93	98	99	98	100	99	98	100	97	92	99
Aug	83	98	91	100	97	93	100	99	97	100	99	97	100	83	73	91
Sep	81	92	86	99	87	81	93	96	88	99	97	95	100	67	65	73
Oct	73	80	72	85	71	65	80	80	74	88	89	79	97	63	58	66
Nov	60	65	61	72	58	50	64	66	58	73	70	64	79	57	55	59
Dec	57	63	60	64	43	39	49	59	55	67	54	45	64	63	57	73

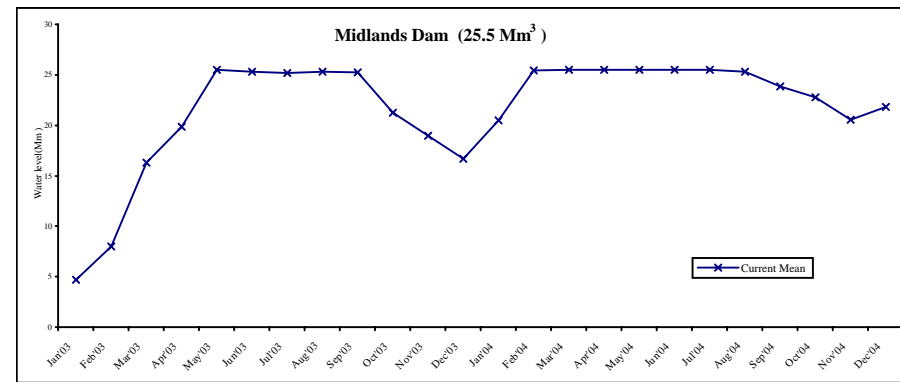
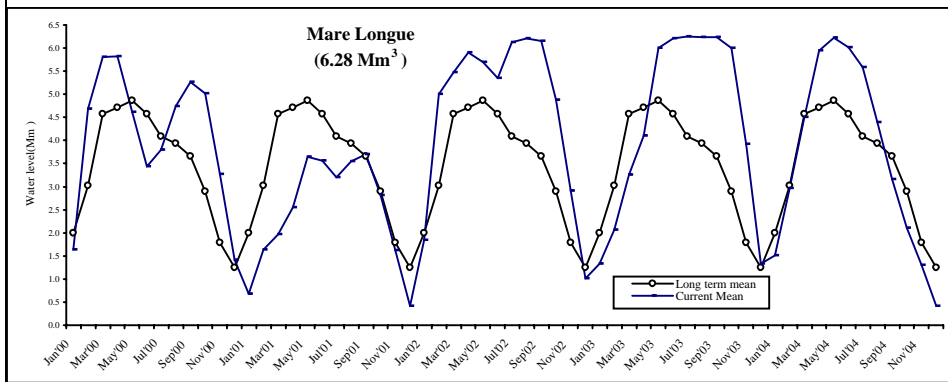
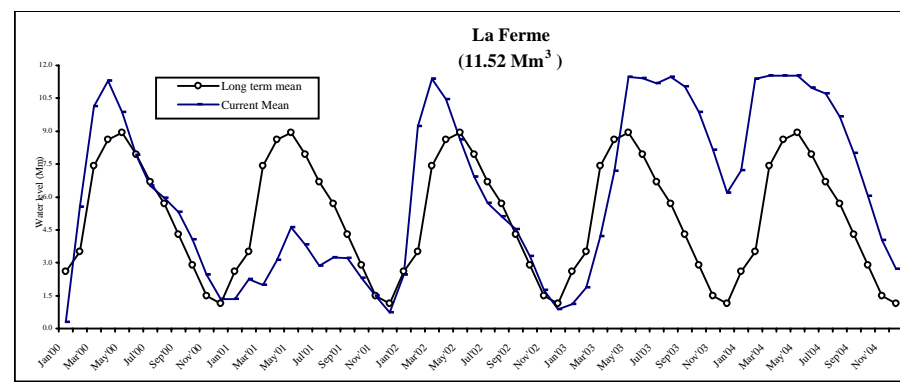
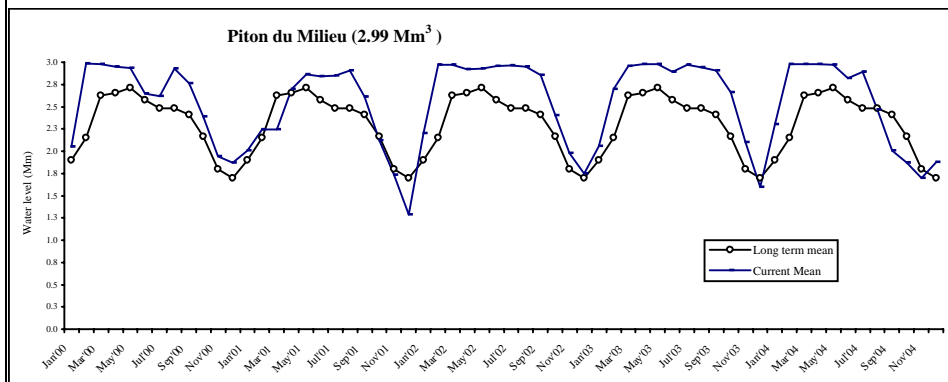
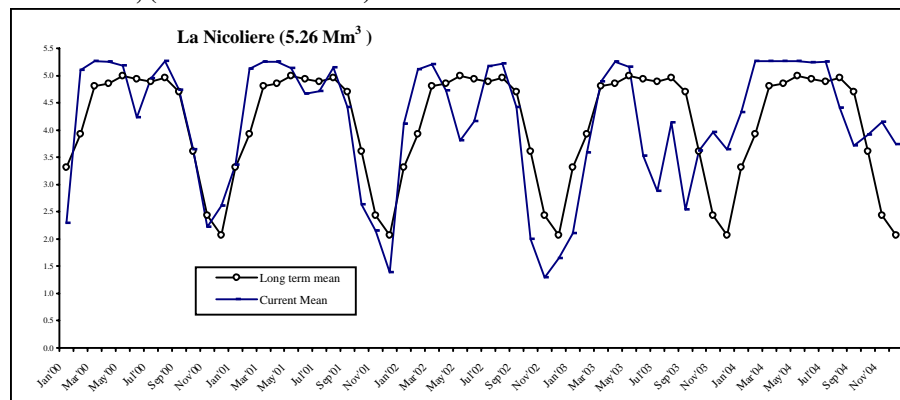
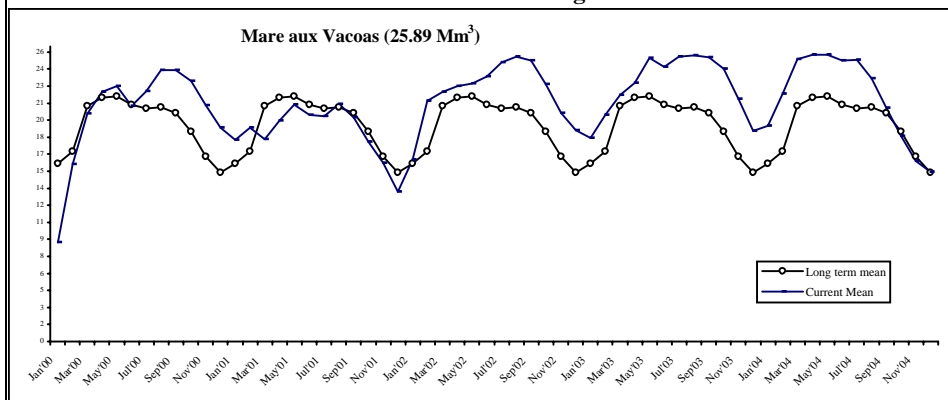
Source: Water Resources Unit

Table 6.5 - Percentage of water level by month and reservoir, 2000 - 2004 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2000			2001			2002			2003			2004			
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	
La Ferme (Capacity 11.52 Mm³)																	
Jan	23	3	1	18	12	9	17	21	3	55	10	9	11	63	45	86	
Feb	30	48	21	77	20	17	22	80	58	95	16	8	29	99	88	100	
Mar	64	88	79	100	17	14	20	99	95	100	36	30	43	100	100	100	
Apr	75	98	93	100	27	13	46	91	83	98	62	43	92	100	100	100	
May	77	86	78	92	40	37	44	75	66	82	100	94	100	100	100	100	
Jun	69	69	62	77	33	29	37	60	54	66	99	96	100	95	91	100	
Jul	58	57	52	61	25	22	28	50	46	54	97	94	100	93	88	96	
Aug	49	52	48	53	28	22	30	44	42	46	99	98	100	84	79	88	
Sep	37	46	42	49	28	25	29	39	35	43	96	93	98	69	61	79	
Oct	25	35	29	41	20	17	25	29	21	35	86	80	93	53	43	61	
Nov	13	21	16	28	13	10	17	15	10	21	71	63	79	35	29	42	
Dec	10	12	9	15	6	4	10	8	5	10	54	44	62	24	22	28	
Mare Longue (Capacity 6.28 Mm³)																	
Jan	32	26	23	51	11	5	18	29	3	76	21	19	22	24	4	36	
Feb	48	75	57	93	26	18	32	80	76	84	33	16	47	47	37	57	
Mar	73	93	87	99	31	28	33	87	83	90	52	48	57	72	58	84	
Apr	75	93	83	99	41	27	56	94	90	97	65	57	74	95	84	99	
May	77	73	61	83	58	57	61	91	82	96	96	76	100	99	98	100	
Jun	73	55	50	60	57	54	61	85	82	93	99	98	100	96	93	98	
Jul	65	61	54	66	51	47	54	98	93	99	100	98	100	89	79	95	
Aug	63	75	66	83	56	47	59	99	99	99	99	98	100	70	60	79	
Sep	58	84	83	85	59	54	61	98	94	99	99	98	100	50	43	60	
Oct	46	80	67	87	45	35	53	78	62	93	96	85	99	33	26	42	
Nov	28	52	39	66	26	16	35	46	27	61	63	43	84	21	17	25	
Dec	20	22	9	38	7	1	15	16	11	25	21	4	42	7	0	17	
All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³)																	
Jan	49	29	26	46	48	42	56	51	30	79	47	45	49	66	51	78	
Feb	56	65	50	80	58	55	60	84	77	89	58	47	70	86	79	90	
Mar	77	85	80	92	56	53	59	91	86	93	71	69	74	95	91	97	
Apr	82	91	87	93	64	52	75	90	85	93	81	74	91	98	97	99	
May	83	87	81	90	71	69	75	84	80	88	97	92	99	99	98	99	
Jun	79	75	71	80	67	64	71	82	78	87	93	89	96	96	94	98	
Jul	75	77	71	80	65	62	67	86	83	88	93	88	98	95	91	97	
Aug	73	82	77	85	69	63	71	86	84	87	96	92	99	85	78	91	
Sep	68	81	77	84	65	60	68	82	76	86	92	90	95	72	70	77	
Oct	58	73	67	78	53	48	60	68	61	76	89	86	94	62	55	70	
Nov	46	59	54	66	44	39	48	54	47	60	76	70	85	52	50	54	
Dec	41	50	45	56	33	29	38	46	43	50	60	50	70	46	43	50	
Midlands Dam (Capacity 25.5 Mm³)																	
2003					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
					Mean (%)	24	49	70	90	100	100	99	100	100	94	81	69
					Min. (%)	19	31	64	78	100	99	99	99	99	83	74	65
2004					Mean (%)	80	100	100	100	100	100	99	94	89	81	86	
					Min. (%)	66	96	99	99	100	99	99	99	85	79	81	
					Max. (%)	96	100	100	100	100	100	100	99	99	91	84	90

Source: Water Resources Unit

Fig. 6.3 - Water level in each reservoir for 2000 - 2004, (Island of Mauritius)



Note: Impounding of Midlands Dam started in September 2002

Table 6.6 - Average monthly potable water production (Mm³) from treatment plants and boreholes to distribution systems, 2000 - 2004 (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	
Mm ³																							Surface	Borehole
2000	28.1	6.2	34.4	0.1	26.2	26.3	21.2	10.3	31.5	11.0	22.7	33.7	8.2	14.8	22.9	9.2	14.7	23.9	77.7	94.9	172.6	45%	55%	
Jan	1.6	0.5	2.1	0.0	1.7	1.7	1.3	0.6	1.9	0.8	1.4	2.3	0.8	1.3	2.1	0.9	1.3	2.2	5.5	6.8	12.3	44%	56%	
Feb	1.7	0.5	2.2	0.0	2.2	2.2	1.7	0.9	2.6	0.9	1.6	2.5	0.7	1.2	1.9	0.8	1.2	1.9	5.8	7.5	13.3	44%	56%	
Mar	2.2	0.6	2.8	0.0	2.3	2.3	1.8	1.1	2.9	1.0	1.8	2.8	0.7	1.2	2.0	0.9	1.2	2.1	6.6	8.3	14.9	44%	56%	
Apr	2.4	0.6	3.0	0.0	2.2	2.2	1.8	1.0	2.7	1.0	1.7	2.7	0.7	1.2	1.9	0.8	1.2	2.0	6.7	7.8	14.5	46%	54%	
May	2.7	0.6	3.2	0.0	2.3	2.3	1.9	0.9	2.7	1.0	2.1	3.0	0.8	1.2	2.0	0.7	1.2	1.9	7.0	8.3	15.2	46%	54%	
Jun	2.6	0.5	3.1	0.0	2.2	2.2	1.8	0.8	2.6	0.9	2.0	2.9	0.7	1.1	1.8	0.7	1.0	1.7	6.7	7.5	14.2	47%	53%	
Jul	2.4	0.5	3.0	0.0	2.3	2.3	1.9	0.8	2.6	0.9	2.0	2.9	0.7	1.2	1.9	0.7	1.2	1.9	6.6	8.1	14.7	45%	55%	
Aug	2.4	0.5	2.9	0.0	2.3	2.3	1.9	0.8	2.7	0.9	1.9	2.9	0.6	1.1	1.7	0.8	1.1	1.9	6.6	7.9	14.5	46%	54%	
Sep	2.5	0.5	3.0	0.0	2.3	2.3	1.9	0.8	2.7	0.9	2.0	2.9	0.6	1.2	1.8	0.8	1.2	2.0	6.7	7.9	14.6	46%	54%	
Oct	2.6	0.5	3.1	0.0	2.2	2.3	1.8	0.9	2.7	0.9	2.1	3.0	0.6	1.2	1.8	0.8	1.2	2.0	6.7	8.2	14.9	45%	55%	
Nov	2.4	0.5	2.9	0.0	2.0	2.1	1.6	0.9	2.5	0.8	2.0	2.8	0.8	1.6	2.3	0.7	1.6	2.3	6.3	8.6	14.9	42%	58%	
Dec	2.7	0.5	3.2	0.0	2.1	2.1	1.8	1.0	2.7	0.8	2.1	2.9	0.6	1.2	1.8	0.7	1.2	1.9	6.6	8.1	14.7	45%	55%	
2001	30.8	5.8	36.6	0.1	25.5	25.6	21.4	10.5	32.0	11.1	25.1	36.2	7.9	14.7	22.6	8.8	12.8	21.6	80.1	94.6	174.7	46%	54%	
Jan	2.6	0.5	3.1	0.0	2.1	2.1	1.8	0.9	2.8	0.9	2.1	3.0	0.6	1.2	1.9	0.7	1.0	1.8	6.6	8.0	14.6	45%	55%	
Feb	2.4	0.4	2.9	0.0	2.1	2.1	1.7	0.8	2.5	0.8	1.9	2.7	0.7	1.1	1.8	0.7	1.0	1.6	6.3	7.3	13.6	46%	54%	
Mar	2.8	0.5	3.3	0.0	2.3	2.3	1.9	0.8	2.7	0.9	2.1	3.1	0.6	1.2	1.9	0.7	1.0	1.8	7.0	8.0	14.9	47%	53%	
Apr	2.4	0.5	2.9	0.0	2.2	2.2	1.8	1.0	2.8	0.9	2.1	3.0	0.6	1.2	1.8	0.7	1.0	1.8	6.4	8.0	14.4	45%	55%	
May	2.6	0.5	3.1	0.0	2.3	2.3	2.0	0.9	2.9	0.9	2.0	3.0	0.7	1.2	1.9	0.8	1.1	1.9	7.0	8.0	15.0	46%	54%	
Jun	2.6	0.5	3.1	0.0	2.2	2.2	1.9	0.9	2.8	0.9	2.2	3.1	0.7	1.2	1.8	0.7	1.1	1.8	6.8	8.1	14.8	46%	54%	
Jul	2.7	0.5	3.2	0.0	2.2	2.2	2.0	0.7	2.7	1.0	2.2	3.2	0.7	1.2	2.0	0.7	1.1	1.8	7.1	8.1	15.2	47%	53%	
Aug	2.7	0.5	3.2	0.0	2.2	2.3	2.0	0.9	2.8	1.0	2.2	3.2	0.7	1.7	2.3	0.7	1.1	1.8	7.0	8.6	15.6	45%	55%	
Sep	2.7	0.5	3.2	0.0	2.1	2.1	1.9	0.9	2.8	1.0	2.1	3.1	0.7	1.1	1.8	0.7	1.1	1.7	6.9	7.7	14.6	47%	53%	
Oct	2.6	0.5	3.0	0.0	2.0	2.0	1.7	0.9	2.6	1.0	2.1	3.1	0.7	1.2	1.8	0.9	1.1	2.0	6.8	7.9	14.6	46%	54%	
Nov	2.3	0.5	2.7	0.0	1.9	1.9	1.5	0.9	2.4	0.9	2.0	2.9	0.7	1.1	1.8	0.8	1.1	1.9	6.0	7.5	13.6	45%	55%	
Dec	2.5	0.4	3.0	0.0	1.8	1.9	1.3	0.9	2.2	0.9	2.0	3.0	0.7	1.1	1.8	0.7	1.1	1.8	6.2	7.4	13.6	45%	55%	

Source: Central Water Authority

Table 6.6 - Average monthly potable water production (Mm³) from treatment plants and boreholes to distribution systems, 2000 - 2004 (Island of Mauritius) (cont'd)

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
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
	Mm ³																						
2002	30.0	6.0	36.0	0.1	26.5	26.6	19.6	12.0	31.7	14.2	23.8	38.0	8.5	14.0	22.5	9.2	13.1	22.3	81.7	95.4	177.1	46%	54%
Jan	2.5	0.5	2.9	0.0	2.1	2.1	1.7	1.0	2.7	1.0	2.0	3.1	0.7	1.2	1.9	0.7	1.1	1.8	6.6	7.9	14.5	46%	54%
Feb	2.2	0.5	2.7	0.0	2.1	2.1	1.6	1.0	2.5	1.0	2.0	3.0	0.7	1.1	1.8	0.7	1.0	1.8	6.2	7.7	13.9	45%	55%
Mar	2.5	0.5	3.0	0.0	2.4	2.4	1.9	1.1	3.0	1.1	2.3	3.4	0.7	1.2	1.9	0.8	1.1	1.9	7.0	8.5	15.6	45%	55%
Apr	2.3	0.5	2.8	0.0	2.2	2.2	1.9	1.0	2.8	1.1	2.0	3.2	0.7	1.2	1.9	0.8	1.0	1.8	6.7	7.9	14.6	46%	54%
May	2.3	0.5	2.8	0.0	2.3	2.3	2.0	0.8	2.7	1.2	2.1	3.3	0.7	1.1	1.8	0.8	1.0	1.9	7.1	7.8	14.8	48%	52%
Jun	2.4	0.5	2.8	0.0	2.2	2.2	1.9	0.7	2.6	1.1	2.0	3.1	0.6	1.1	1.7	0.8	1.0	1.8	6.8	7.5	14.3	48%	52%
Jul	2.5	0.5	2.9	0.0	2.3	2.3	1.9	0.8	2.7	1.2	2.0	3.2	0.7	1.1	1.8	0.8	1.0	1.8	7.1	7.6	14.7	48%	52%
Aug	2.5	0.5	3.0	0.0	2.2	2.2	1.9	0.7	2.6	1.4	1.9	3.3	0.7	1.1	1.8	0.8	1.0	1.8	7.3	7.4	14.7	50%	50%
Sep	2.5	0.5	3.0	0.0	2.3	2.3	1.7	0.8	2.5	1.5	1.8	3.3	0.7	1.2	1.8	0.8	1.1	1.9	7.2	7.6	14.8	49%	51%
Oct	2.7	0.5	3.3	0.0	2.2	2.2	1.7	0.9	2.6	1.1	1.9	3.0	0.8	1.3	2.1	0.7	1.3	2.0	7.0	8.1	15.1	47%	53%
Nov	2.8	0.5	3.3	0.0	2.1	2.1	0.8	1.7	2.5	1.1	1.9	3.0	0.7	1.3	2.0	0.7	1.2	1.9	6.2	8.7	14.8	42%	58%
Dec	2.9	0.5	3.4	0.0	2.2	2.2	0.8	1.7	2.5	1.3	1.9	3.1	0.7	1.3	2.1	0.8	1.2	2.0	6.5	8.8	15.3	42%	58%
2003	33.3	6.1	39.4	-	28.4	28.4	19.4	11.6	31.0	18.5	20.7	39.2	8.5	14.5	23.0	9.2	14.0	23.2	88.8	95.3	184.1	48%	52%
Jan	2.9	0.5	3.4	-	2.2	2.2	1.7	0.9	2.6	1.6	1.8	3.4	0.8	1.3	2.1	0.7	1.2	2.0	7.6	8.0	15.6	49%	51%
Feb	2.6	0.5	3.0	-	2.1	2.1	1.5	0.9	2.5	1.5	1.5	3.1	0.7	1.2	1.8	0.7	1.1	1.8	6.9	7.3	14.2	49%	51%
Mar	2.9	0.5	3.4	-	2.5	2.5	1.7	1.1	2.8	1.5	1.8	3.3	0.7	1.2	2.0	0.8	1.2	2.0	7.6	8.3	15.9	48%	52%
Apr	2.8	0.5	3.3	-	2.4	2.4	1.6	1.1	2.6	1.5	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.4	8.1	15.5	48%	52%
May	2.8	0.6	3.4	-	2.6	2.6	1.2	1.1	2.3	1.7	1.7	3.4	0.7	1.2	2.0	0.8	1.2	2.1	7.2	8.4	15.7	46%	54%
Jun	2.8	0.5	3.3	-	2.5	2.5	1.6	1.0	2.6	1.5	1.7	3.2	0.7	1.2	1.9	0.8	1.2	2.0	7.4	8.0	15.4	48%	52%
Jul	2.9	0.5	3.4	-	2.5	2.5	1.7	0.9	2.6	1.5	1.8	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.6	8.1	15.7	49%	51%
Aug	2.8	0.5	3.3	-	2.5	2.5	1.9	0.9	2.9	1.6	1.8	3.4	0.7	1.2	1.8	0.8	1.2	2.0	7.8	8.0	15.8	49%	51%
Sep	2.7	0.5	3.2	-	2.4	2.4	1.7	1.0	2.7	1.5	1.8	3.2	0.7	1.2	1.9	0.8	1.1	1.9	7.3	8.0	15.3	48%	52%
Oct	2.7	0.5	3.2	-	2.4	2.4	1.6	0.9	2.6	1.5	1.7	3.3	0.7	1.2	1.9	0.8	1.1	1.9	7.3	7.8	15.1	48%	52%
Nov	2.7	0.5	3.2	-	2.2	2.2	1.6	0.9	2.5	1.5	1.7	3.3	0.7	1.2	2.0	0.7	1.1	1.8	7.3	7.7	15.0	49%	51%
Dec	2.8	0.5	3.3	-	2.2	2.2	1.6	0.9	2.4	1.6	1.7	3.3	0.6	1.3	1.9	0.7	1.2	1.9	7.3	7.7	15.0	49%	51%

Source: Central Water Authority

Table 6.6 - Average monthly potable water production (Mm³) from treatment plants and boreholes to distribution systems, 2000 - 2004 (Island of Mauritius) (cont'd)

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	
	Mm ³																							
2004	34.0	6.0	40.0	-	27.8	27.8	18.8	11.3	30.1	18.9	21.2	40.1	8.7	15.1	23.8	8.8	14.7	23.5	89.2	95.9	185.2	48%	52%	
Jan	2.9	0.5	3.4	-	2.3	2.3	1.7	1.2	2.9	1.6	1.8	3.3	0.7	1.3	2.0	0.7	1.2	1.9	7.6	8.2	15.8	48%	52%	
Feb	2.7	0.5	3.2	-	2.4	2.4	1.5	1.1	2.6	1.5	1.7	3.1	0.7	1.2	1.8	0.8	1.2	1.9	7.1	7.9	15.0	47%	53%	
Mar	2.9	0.5	3.4	-	2.5	2.5	1.7	0.9	2.6	1.6	1.8	3.4	0.7	1.2	2.0	0.8	1.3	2.1	7.7	8.2	15.9	48%	52%	
Apr	2.8	0.5	3.3	-	2.4	2.4	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	6.7	8.2	14.9	45%	55%	
May	2.9	0.5	3.4	-	2.5	2.5	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.3	2.1	6.8	8.3	15.1	45%	55%	
Jun	2.8	0.5	3.3	-	2.4	2.4	1.7	1.0	2.7	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.5	8.0	15.5	48%	52%	
Jul	2.9	0.5	3.4	-	2.4	2.4	1.8	0.8	2.7	1.6	1.8	3.4	0.7	1.3	2.0	0.8	1.2	2.0	7.8	8.1	15.8	49%	51%	
Aug	2.9	0.5	3.4	-	2.3	2.3	1.8	0.9	2.7	1.6	1.8	3.4	0.7	1.2	1.9	0.8	1.2	2.0	7.8	8.0	15.7	49%	51%	
Sep	3.0	0.5	3.5	-	2.2	2.2	1.9	0.7	2.6	1.6	1.8	3.4	0.8	1.4	2.1	0.7	1.2	1.9	7.8	7.8	15.6	50%	50%	
Oct	2.9	0.5	3.4	-	2.1	2.1	1.8	0.9	2.7	1.6	1.9	3.4	1.0	1.4	2.3	0.7	1.2	1.9	7.8	8.0	15.8	49%	51%	
Nov	2.7	0.5	3.2	-	2.1	2.1	1.6	0.7	2.4	1.6	1.8	3.4	0.8	1.3	2.1	0.6	1.3	1.9	7.3	7.6	15.0	49%	51%	
Dec	2.8	0.5	3.3	-	2.2	2.2	1.6	0.9	2.4	1.6	1.7	3.3	0.6	1.3	1.9	0.7	1.2	1.9	7.3	7.7	15.0	49%	51%	

Source: Central Water Authority

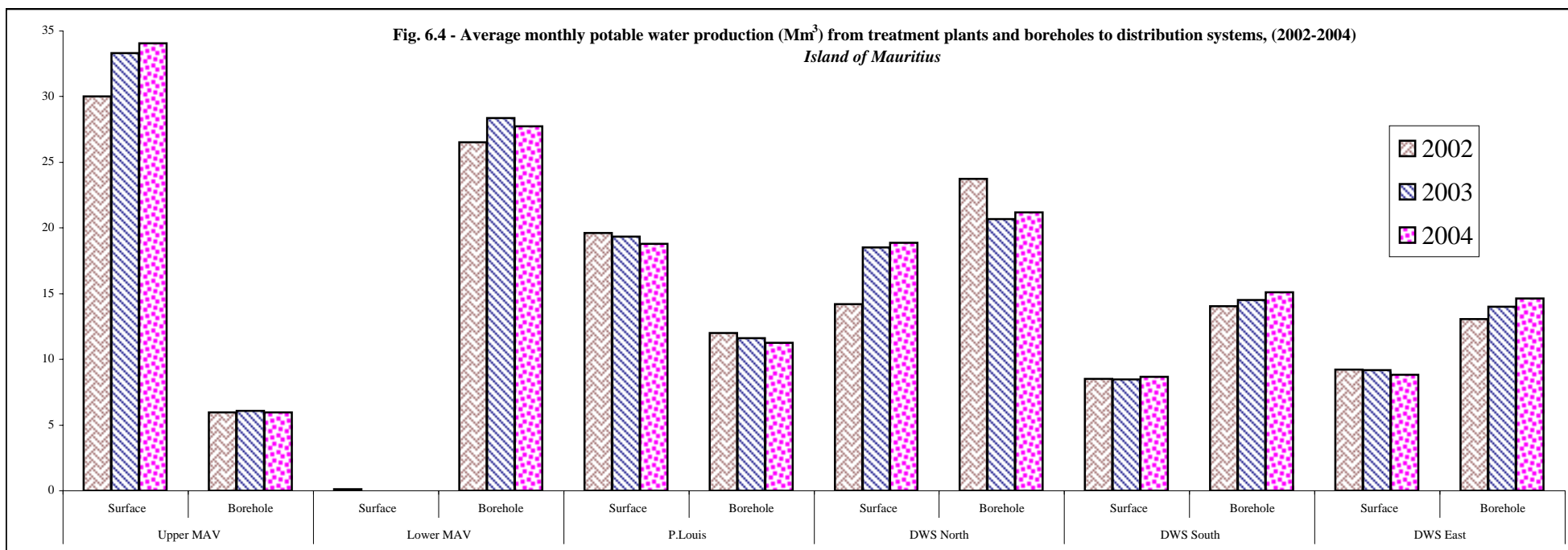


Table 6.7 - Water sales by type of tariff of subscriber, 2000 - 2004 (Island of Mauritius)

Type of tariff	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
	No. of subscribers					% distribution of subscribers				
Domestic	231,425	237,524	243,689	250,752	258,381	93.7	93.8	93.8	93.8	93.9
Government	3,368	3,474	3,538	3,614	3,585	1.4	1.4	1.4	1.4	1.3
Acquired / concessionary prizes	51	47	48	48	47	0.0	0.0	0.0	0.0	0.0
Commercial	9,176	9,237	9,233	9,455	9,638	3.7	3.6	3.6	3.5	3.5
Hotels, Guest Houses	182	187	191	192	188	0.1	0.1	0.1	0.1	0.1
Industrial	782	781	766	762	746	0.3	0.3	0.3	0.3	0.3
Sub total	244,984	251,250	257,465	264,823	272,585	99.2	99.2	99.1	99.1	99.0
Vegetable & Livestock producers	1,743	1,831	2,009	2,174	2,377	0.7	0.7	0.8	0.8	0.9
Total potable water	246,727	253,081	259,474	266,997	274,962	99.9	99.9	99.9	99.9	99.9
Total non-treated water (agriculture/Industrial)	228	228	231	253	254	0.1	0.1	0.1	0.1	0.1
Grand Total	246,955	253,309	259,705	267,250	275,216	100.0	100.0	100.0	100.0	100.0
	Volume sold (thousand m³)					% Consumption				
Domestic	65,254	67,054	67,618	70,253	70,562	68.1	65.9	67.1	67.7	68.9
Government	3,457	3,789	4,026	4,228	4,285	3.6	3.7	4.0	4.1	4.2
Acquired / concessionary prizes	22	20	21	23	20	0.0	0.0	0.0	0.0	0.0
Commercial	4,833	5,034	5,186	5,573	5,653	5.0	4.9	5.1	5.4	5.5
Hotels, Guest Houses	3,324	3,624	3,492	3,644	3,694	3.5	3.6	3.5	3.5	3.6
Industrial	4,603	4,679	4,727	4,988	4,775	4.8	4.6	4.7	4.8	4.7
Sub total	81,494	84,200	85,069	88,708	88,989	85.0	82.7	84.4	85.5	86.9
Vegetable & Livestock producers	887	946	1,023	1,103	1,131	0.9	0.9	1.0	1.1	1.1
Total potable water	82,381	85,146	86,093	89,812	90,121	86.0	83.6	85.4	86.5	88.0
Total non-treated water (agriculture/Industrial)	13,438	16,664	14,693	13,993	12,265	14.0	16.4	14.6	13.5	12.0
Grand Total	95,819	101,810	100,786	103,805	102,386	100.0	100.0	100.0	100.0	100.0
	Amount collectible Rs.(000)					Average sales price (Rs)				
Domestic	421,171	433,857	441,618	505,750	502,533	6.45	6.47	6.53	7.20	7.12
Government	64,335	66,398	71,328	77,117	76,023	18.61	17.52	17.72	18.24	17.74
Acquired / concessionary prizes	101	117	129	169	138	4.66	5.84	6.30	7.46	6.93
Commercial	73,336	74,797	78,993	92,332	93,477	15.17	14.86	15.23	16.57	16.54
Hotels, Guest Houses	82,167	86,348	90,494	106,544	108,072	24.72	23.83	25.91	29.24	29.25
Industrial	64,354	57,220	65,799	74,734	72,079	13.98	12.23	13.92	14.98	15.10
Sub total	705,463	724,271	748,360	856,645	852,323	8.66	8.60	8.80	9.66	9.58
Vegetable & Livestock producers	7,159	7,503	7,993	8,615	8,833	8.07	7.93	7.81	7.81	7.81
Total potable water	712,622	731,774	756,354	865,260	861,155	8.65	8.59	8.79	9.63	9.56
Total non-treated water (agriculture/Industrial)	18,340	16,740	23,788	38,420	36,295	1.36	1.00	1.62	2.75	2.96
Grand Total	730,962	748,515	780,142	903,680	897,450	7.63	7.35	7.74	8.71	8.77

Source: Central Water Authority

Section VII

Water data from
Housing and Population Census

Table 7.1 - Private households by geographical location of residence and type of water supply - 1990 & 2000

Geographical location	Water supply						Total	
	Piped water			Tank wagon	Well/river	Other		Not stated
	Inside	Outside	Outside premises/ public fountain					
Housing and Population Census 1990								
Island of Mauritius								
Port Louis	16,040	13,792	248	6	23	666	5	30,780
Pamplemousses	10,056	9,605	956	36	98	957	1	21,709
Riviere du Rempart	7,757	8,415	1,912	6	9	615	2	18,716
Flacq	8,499	10,286	4,030	131	68	772	1	23,787
Grand Port	10,482	7,392	1,792	23	82	1,411	1	21,183
Savanne	6,853	4,544	993	17	32	1,141	2	13,582
Plaines Wilhems	60,623	13,289	505	11	46	1,009	9	75,492
Moka	7,191	5,102	1,229	146	108	491	-	14,267
Black River	4,188	4,606	531	13	44	468	1	9,851
Total	131,689 (57.4%)	77,031 (33.6%)	12,196 (5.3%)	389 (0.2%)	510 (0.2%)	7,530 (3.3%)	22 (0.0%)	229,367 (100.0%)
Island of Rodrigues	849	2,317	1,265	19	2,582	236	-	7,268
Republic of Mauritius	132,538 (56.0%)	79,348 (33.5%)	13,461 (5.7%)	408 (0.2%)	3,092 (1.3%)	7,766 (3.3%)	22 (0.0%)	236,635 (100.0%)
Housing and Population Census 2000								
Island of Mauritius								
Port Louis	25,245	6,945	333	10	2	216	2	32,753
Pamplemousses	24,093	5,498	78	14	16	187	-	29,886
Riviere du Rempart	20,220	3,912	140	3	-	167	-	24,442
Flacq	22,763	7,207	154	13	9	565	2	30,713
Grand Port	22,202	3,882	66	54	20	452	-	26,676
Savanne	13,801	2,526	123	0	17	351	-	16,818
Plaines Wilhems	89,868	3,636	14	4	9	230	1	93,762
Moka	16,134	2,171	24	28	11	172	1	18,541
Black River	11,879	3,085	181	7	12	414	1	15,579
Total	246,205 (85.1%)	38,862 (13.4%)	1,113 (0.4%)	133 (0.0%)	96 (0.0%)	2,754 (1.0%)	7 (0.0%)	289,170 (100.0%)
Island of Rodrigues	3,163	4,270	359	67	410	382	-	8,651
Agalega	-	-	-	-	-	60	-	60
Republic of Mauritius	249,368 (83.7%)	43,132 (14.5%)	1,472 (0.5%)	200 (0.1%)	506 (0.2%)	3,196 (1.1%)	7 (0.0%)	297,881 (100.0%)

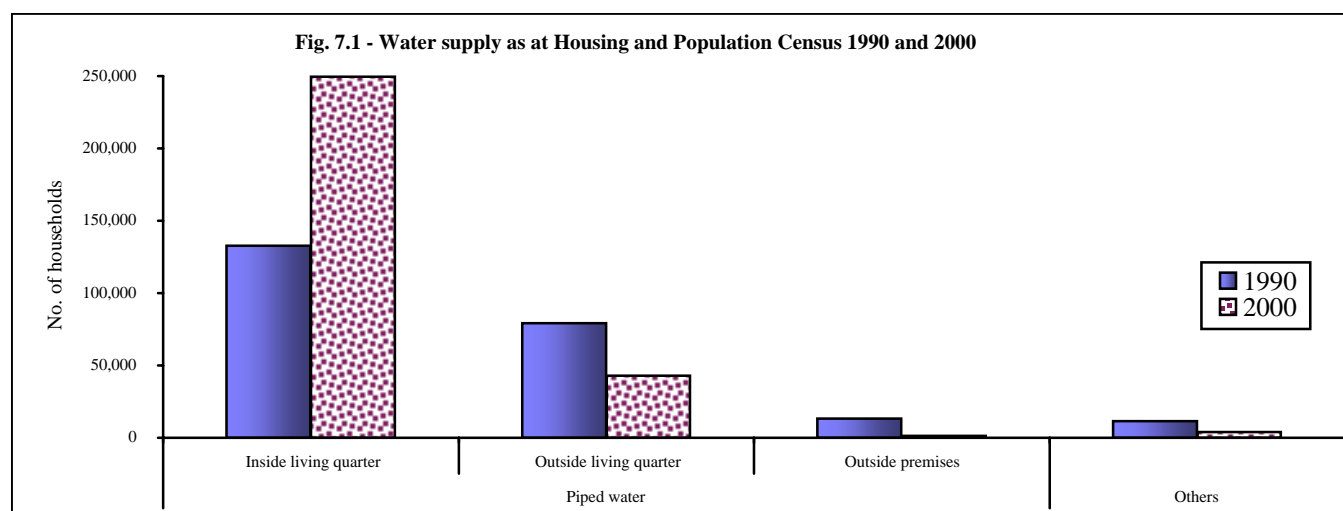


Table 7.2 - Private households by geographical location of residence and availability of water tank and connection to sewerage system
- Housing and Population Census 2000

Geographical location	Availability of domestic water tank/reservoir				Connection to Sewerage system	
	Available	Not Available	Not stated	Total	Connected	Not connected
Island of Mauritius						
Port Louis	8,990	23,758	5	32,753	25,042	7,711
Pamplemousses	10,492	19,392	2	29,886	636	29,250
Riviere du Rempart	8,401	16,031	10	24,442	57	24,385
Flacq	6,617	24,081	15	30,713	111	30,602
Grand Port	7,870	18,799	7	26,676	49	26,627
Savanne	3,757	13,059	2	16,818	28	16,790
Plaines Wilhems	48,088	45,647	27	93,762	28,535	65,227
Moka	6,289	12,248	4	18,541	1,402	17,139
Black River	4,730	10,842	7	15,579	2,592	12,987
Total	105,234	183,857	79	289,170	58,452	230,718
	<i>(36.4%)</i>	<i>(63.6%)</i>	<i>(0.0%)</i>	<i>(100.0%)</i>	<i>(20.2%)</i>	<i>(79.8%)</i>
Island of Rodrigues	3,273	5,372	6	8,651	26	8,625
Agalega	40	20	-	60	-	60
Republic of Mauritius	108,547	189,249	85	297,881	58,478	239,403
	<i>(36.4%)</i>	<i>(63.5%)</i>	<i>(0.0%)</i>	<i>(100.0%)</i>	<i>(19.6%)</i>	<i>(80.4%)</i>