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**DIGEST
OF
ENERGY AND WATER
STATISTICS - 2003**

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FOREWORD

This publication is the sixth issue of a regular report of the Central Statistics Office on energy and water statistics. The section on water has been included as from 2002 issue.

Statistics on energy are given for the years 1994 to 2003, while those on water cover the period 1999 to 2003. All data refer to the Republic of Mauritius, unless otherwise specified. These may be subject to revision in subsequent issues of the digest.

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 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 (primary)	1	220
Electricity	1	86

* 1 toe = 41.84 gigajoule (net calorific value)

ENERGY AND WATER STATISTICS, 2003 – An overview

Introduction

This issue of the Digest of Energy and Water Statistics, 2003 contains energy statistics covering the years 1994 to 2003, and water statistics for the years 1999 to 2003. 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 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, fuel wood 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, household and agriculture.

2.2 Main energy indicators

The total primary energy requirement index, expressed with 1990 as reference year (1990 = 100), increased by 6% from 156.6 in 2002 to 166.0 in 2003. Per capita primary energy requirement increased by 4% from 0.97 toe to 1.01 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 higher ratio indicates a less efficient use of energy. Energy intensity rose to 1.66 in 2003, an increase of one percent compared to 2002.

The consumption of electricity per capita per annum went up by 7% from 1,248 kWh in 2002 to 1,330 kWh in 2003 (Table 1.3).

2.3 Total primary energy requirement

During the year 2003, the total primary energy requirement rose by 6%, from 1,169 ktoe to 1,239 ktoe (Table 2.1). Important increases were registered for the following energy sources: hydro electricity from 18.9 ktoe to 25.9 ktoe (+37%) and dual purpose kerosene from 127.7 ktoe to 147.4 ktoe (+15%). Increases in the other sources of energy ranged from 1% to 8%.

In 2003, most (77%) of the total primary energy requirement was met from imported fuels, and the remaining 23% was supplied from indigenous sources. Imports consisted of 760.2 ktoe (80%) of petroleum products and 196.0 ktoe (20%) of coal. The indigenous sources were mainly bagasse, 249.1 ktoe (88%) and hydro electricity, 25.9 ktoe (9%) (Table 2.1).

2.3.1 Local production

Total energy production from local sources increased by 5%, from 270.1 ktoe in 2002 to 282.3 ktoe in 2003. Production of electricity from hydro went up by 37% from 18.9 ktoe to 25.9 ktoe while that from bagasse registered an increase of 2%, from 243.9 ktoe to 249.1 ktoe (Table 2.1).

2.3.2 Imports of energy sources

Tables 2.2 and 2.3 show data on imports of energy sources. Some 1,154 ktoe of petroleum products and coal were imported in 2003 compared to 1,125 ktoe in 2002, representing an increase of 3%. Imports of petroleum products increased by 5%, from 931.7 ktoe to 975.0 ktoe while coal decreased by 7% from 193.5 ktoe to 179.4 ktoe.

The import bill was 10% higher in 2003, Rs 6,991 million against Rs 6,337 million in 2002 (Table 2.5).

2.3.3 Re-exports and bunkering

Of the 975.0 ktoe of imported petroleum products, 224.3 ktoe (23%) were re-exported to bunkers and foreign aircraft. Re-exports consisted of 98.6 ktoe of diesel oil, 92.3 ktoe of aviation fuel and 33.4 ktoe of fuel oil (Table 2.6).

2.4 Electricity generation

In 2003 some 2,058 GWh (177.0 ktoe) of electricity was generated, as compared to 1,949 GWh (167.6 ktoe) in 2002, representing an increase of 6%. The Central Electricity Board generated 55% and the Independent Power Producers of the sugar industry, 45%. Thermal energy represented 94% and hydro, the remaining 6%. The peak demand in 2003 reached 323.8 MW compared to 308.6 MW in 2002 (Tables 3.1 – 3.6).

2.4.1 Fuel input for electricity generation

The different types of fuel used for electricity generation are shown in Table 3.7. Fuel input increased by 4%, from 532.5 ktoe in 2002 to 556.0 ktoe in 2003.

In 2003, the major components of the fuel input were fuel oil (35%), coal (32%) and bagasse (30%).

2.5 Final energy consumption

Final energy consumption increased by 6% from 765.0 ktoe in 2002 to 812.9 ktoe in 2003. Changes in the different sectors were as follows: "Commercial and Distributive Trade" (+14%), "Transport" (+7%), "Manufacturing" (+4%) and "Household" (+4%). No change has been registered in the consumption of energy by the agricultural sector (Table 4.1).

In 2003, "Transport" and "Manufacturing" were the two largest energy-consuming sectors accounting for 48% and 32% of total consumption respectively. Consumption by "Household" sector represented 13%, "Commercial and Distributive Trade", 6% and "Agriculture", 1% (Table 4.2).

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 increased by 4% to reach 260.3 ktoe in 2003, with bagasse contributing 81.6 ktoe (31%), electricity, 61.8 ktoe (24%), fuel and diesel oil, 95.1 ktoe (37%).

2.5.2 Transport

Energy consumption in "Transport" sector went up by 7% from 364.1 ktoe in 2002 to 390.2 ktoe in 2003. The contributions of the different energy sources to the transport sector were diesel oil (42%), aviation fuel, (33%), gasoline, (25%) and LPG, (1%).

When compared to 2002, consumption of gasoline increased by 2% from 94.5 ktoe to 96.4 ktoe and that of, aviation fuel by 14% from 113.3 ktoe to 128.6 ktoe. Consumption of diesel oil went up by 5% from 155.0 ktoe to 162.9 ktoe. A significant increase of 85% was noted in the use of LPG in the transport sector, from 1.3 ktoe in 2002 to 2.4 ktoe in 2003.

2.5.3 Commercial and Distributive Trade

Total energy consumption by "Commercial and Distributive Trade" sector rose by 14% from 41.7 ktoe in 2002 to 47.7 ktoe in 2003. Electricity was the main source of energy and its consumption increased from 36.5 ktoe to 41.2 ktoe (+13%) while consumption of LPG rose from 4.9 ktoe to 6.2 ktoe (+27%).

2.5.4 Household

In 2003, energy consumed by households went up by 4% to reach 107.0 ktoe. The two main sources of energy used were electricity (45%) and LPG (41%). Consumption of electricity increased from 45.8 ktoe to 48.6 ktoe, (+6%) whereas LPG, from 42.1 ktoe to 43.8 ktoe (+4%). Consumption of kerosene remained at the same level, i.e 8.6 ktoe.

2.5.5 Agriculture

No change has been registered in the energy consumption of the agricultural sector, with electricity and diesel oil as the only two sources of energy. In 2003, about 2.3 ktoe of electricity were used for irrigation and 2.4 ktoe of diesel oil were used for derocking of land and for the preparation of soil prior to plantation.

2.5.6 Number of electricity consumers and sales

The total number of electricity consumers increased from 340,125 in 2002 to 348,848 in 2003. The highest number of consumers (311,523) fell in domestic category, followed by commercial (29,779) and industrial (7,218).

Electricity sales increased by 8% from 1,509.8 GWh in 2002 to 1,626.9 GWh in 2003 (Table 4.7).

The average sales price of electricity per kWh increased from Rs 3.03 in 2002 to Rs 3.08 in 2003 (Table 4.8).

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 2003, the island of Mauritius registered 4,006 million cubic metres (Mm³) of rainfall. Some 1,202 Mm³ of water was lost through evapotranspiration while surface run-off and ground water recharge amounted to 2,403 Mm³ and 401 Mm³ respectively.

3.2 Rainfall

During the year 2003, the mean annual rainfall recorded around the island of Mauritius was 2,148 mm, a 3% increase compared to 2,082 mm in 2002. February is normally the wettest month but in 2003 the mean rainfall was highest during the month of April with 454 mm. The driest month, October, registered 36 mm of rainfall (Table 6.3).

In Rodrigues, at Pointe Canon, the mean annual rainfall showed a considerable increase of 32% from 997 mm in 2002 to 1,320 mm in 2003 (Table 6.4).

3.3 Water storage level

In 2003, the increase in rainfall kept the reservoirs' level much above the normal, except for La Nicoliere. The mean level for the 5 main reservoirs, excluding Midlands Dam, was above normal for nine months of the year; it even reached more than 90% during the period May to September (Table 6.5).

3.4 Water production

In 2003, the total volume of potable water treated by the different water plants amounted to 184.1 Mm³, a 4% increase compared to 177.1 Mm³ in 2002. Average water production from surface and ground water represented 48% and 52% respectively (Table 6.6).

3.5 Water sales and revenue collectible

Table 6.7 shows water sales by type of tariff of subscriber. Total volume of water sold increased from 100.8 Mm³ in 2002 to 103.8 Mm³ in 2003 (+3%). Potable water made up 86% of the volume sold and the remaining 14% consisted of non-treated water used in agriculture and industry. Water sales for domestic consumption amounted to 70.3 Mm³, accounting for nearly 68 % of the water sales.

Consumption of potable water per capita per day was 207 litres in 2003 compared to 201 litres in the previous year (Table 6.2).

Revenue collectible for the year 2003 totalled to Rs 904 million, that is an increase of 16% over the amount of Rs 780 million for 2002 (Table 6.7).

Section I

Energy commodity balance & Main indicators

Table 1.1 - Energy commodity balance, 2003

Tonne of oil equivalent (toe)													
Source Flow	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuel Wood	Charcoal	Hydro	Bagasse	Electricity	Total
Local production	-	-	-	-	-	-	-	7,262	-	25,910	249,126	-	282,298
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	-	25,910	249,126	-	1,238,573
Public electricity generation plant	-	-	(3,935)	-	(10,259)	(196,281)	-	-	-	(25,890)	-	97,602	(138,762)
Autoproducer plants	(178,049)	-	-	-	-	-	-	-	-	(20)	(167,487)	79,402	(266,154)
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	156,581	812,864
Manufacturing sector	17,980	-	41,686	-	-	53,390	3,201	543	-	-	81,639	61,823	260,263
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

Note: figures in brackets represent negative quantities

Table 1.2 - Energy commodity balance, 2002

Tonne of oil equivalent (toe)													
Source Flow	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuel Wood	Charcoal	Hydro	Bagasse	Electricity	Total
Local production	-	-	-	-	-	-	-	7,288	-	18,890	243,901	-	270,079
Imports	193,459	86,721	349,865	219,572	14,912	200,238	60,409	-	-	-	-	-	1,125,175
Re-exports and bunkering	-	-	(139,932)	(96,527)	-	(25,631)	-	-	-	-	-	-	(262,090)
Stock change / Statistical error	461	7,787	(11,206)	(9,715)	(506)	56,807	(7,953)	-	-	-	-	-	35,674
Total Primary Energy Requirement	193,920	94,508	198,726	113,331	14,406	231,413	52,456	7,288	-	18,890	243,901	-	1,168,838
Public electricity generation plant	-	-	(3,516)	-	(5,660)	(172,432)	-	-	-	(18,832)	-	85,223	(115,218)
Autoproducer plants	(177,869)	-	-	-	-	-	-	-	-	(57)	(173,066)	82,379	(268,614)
Other transformation	-	-	-	-	-	-	-	(714)	348	-	-	-	(367)
Own use	-	-	-	-	-	-	-	-	-	-	-	(3,794)	(3,794)
Losses	-	-	-	-	-	-	-	-	-	-	-	(15,796)	(15,796)
Total Final Consumption	16,051	94,508	195,210	113,331	8,745	58,981	52,456	6,574	348	-	70,836	148,012	765,050
Manufacturing sector	16,051	-	37,783	-	-	58,981	3,782	551	-	-	70,836	61,206	249,190
Transport sector	-	94,508	154,972	113,331	-	-	1,313	-	-	-	-	-	364,124
Commercial and distributive trade sector	-	-	-	-	-	-	4,924	-	252	-	-	36,543	41,718
Residential sector	-	-	-	-	8,745	-	42,145	6,023	96	-	-	45,799	102,809
Agriculture	-	-	2,454	-	-	-	-	-	-	-	-	2,363	4,818
Other	-	-	-	-	-	-	292	-	-	-	-	2,100	2,392

Note: figures in brackets represent negative quantities

Table 1.3 - Main energy indicators, 1994 - 2003

Details	Unit	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total primary energy requirement	ktoe	828.3	889.6	924.3	956.2	1,021.7	1,003.5	1,125.9	1,191.5	1,168.8	1,238.6
<i>Imported</i>	ktoe	568.4	584.3	634.7	647.3	707.2	778.9	849.0	901.2	898.8	956.3
<i>Local</i>	ktoe	260.0	305.3	289.6	308.9	314.6	224.6	276.9	290.4	270.1	282.3
Total primary energy requirement index (1990 = 100)		111.0	119.2	123.9	128.1	136.9	134.5	150.9	159.7	156.6	166.0
Annual increase	%	+0.8	+7.4	+3.9	+3.4	+6.9	-1.8	+12.2	+5.8	-1.9	+6.0
Import dependency	%	68.6	65.7	68.7	67.7	69.2	77.6	75.4	75.6	76.9	77.2
GDP in 1990 rupees*	Rs. Million	48,254	50,426	53,250	56,285	59,662	61,332	66,607	70,071	71,402	74,615
GDP index (1990 = 100)*		121.8	127.2	134.4	142.0	150.6	154.8	168.1	176.8	180.2	188.3
Energy intensity	toe per Rs.100,000 GDP	1.72	1.76	1.74	1.70	1.71	1.64	1.69	1.70	1.64	1.66
Mid-year population	thousand	1,113	1,122	1,134	1,148	1,160	1,175	1,187	1,200	1,210	1,223
Per capita primary energy requirement	toe	0.74	0.79	0.82	0.83	0.88	0.85	0.95	0.99	0.97	1.01
Per capita final energy consumption	toe	0.58	0.61	0.61	0.63	0.63	0.59	0.63	0.65	0.63	0.66
Per capita consumption of electricity sold	kWh	736	814	878	947	1,026	1,059	1,158	1,222	1,248	1,330

* Revised

Section II

Primary energy requirement

Table 2.1 - Primary energy requirement , 1994-2003

Energy source	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
Physical unit (Thousand tonne/GWh)											
Imported											
Gasolene	79.6	84.0	87.4	87.7	88.6	89.5	92.0	87.7	87.5	89.2	
Diesel Oil	124.4	126.3	136.0	145.5	155.1	165.0	189.4	188.7	196.8	208.8	
Dual Purpose Kerosene	105.9	115.2	156.9	135.6	148.7	148.2	130.8	137.9	122.8	141.8	
<i>Kerosene</i>	25.6	42.9	76.3	56.5	59.1	51.0	22.7	13.2	13.9	18.1	
<i>Aviation Fuel</i>	80.4	72.3	80.6	79.0	89.5	97.1	108.1	124.7	109.0	123.6	
Fuel Oil	178.9	177.1	182.6	202.2	221.5	239.6	224.5	246.0	241.1	260.1	
LPG	33.3	34.3	36.6	39.1	40.4	43.4	46.3	47.1	48.6	51.7	
Coal	62.6	63.1	40.3	45.7	70.7	136.6	253.0	299.2	312.8	316.2	
Local											
Hydro/Wind	GWh	76	135	105	93	105	30	96	70.8	85.9	117.8
Bagasse*		1,424.2	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
Fuel Wood *		40.5	34.8	30.0	25.8	23.2	20.2	19.3	19.3	19.2	19.1
Energy unit (ktoe)											
Imported											
Gasolene	86.0	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	
Diesel Oil	125.7	127.6	137.4	147.0	156.7	166.6	191.3	190.6	198.7	210.9	
Dual Purpose Kerosene	110.2	119.8	163.2	141.0	154.6	154.1	136.0	143.4	127.7	147.4	
<i>Kerosene</i>	26.6	44.6	79.4	58.8	61.5	53.1	23.6	13.8	14.4	18.9	
<i>Aviation Fuel</i>	83.6	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	
Fuel Oil	171.8	170.0	175.3	194.1	212.7	230.0	215.5	236.1	231.4	249.7	
LPG	36.0	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5	55.8	
<i>Sub total (Petroleum products)</i>	529.6	545.1	609.7	619.0	663.3	694.2	692.2	715.7	704.8	760.2	
Coal	38.8	39.1	25.0	28.3	43.9	84.7	156.9	185.5	193.9	196.0	
<i>Sub total (Imported)</i>	568.4	584.3	634.7	647.3	707.2	778.9	849.0	901.2	898.8	956.3	
Local											
Hydro / Wind	16.7	29.7	23.0	20.5	23.0	6.6	21.0	15.6	18.9	25.9	
Bagasse	227.9	262.4	255.2	278.6	282.7	210.3	248.5	267.4	243.9	249.1	
Fuel Wood	15.4	13.2	11.4	9.8	8.8	7.7	7.3	7.3	7.3	7.3	
<i>Sub total (Local)</i>	260.0	305.3	289.6	308.9	314.6	224.6	276.9	290.4	270.1	282.3	
Total	828.3	889.6	924.3	956.2	1,021.7	1,003.5	1,125.9	1,191.5	1,168.8	1,238.6	
Percentage (%)											
Imported											
Gasolene	10.4	10.2	10.2	9.9	9.4	9.6	8.8	8.0	8.1	7.8	
Diesel Oil	15.2	14.3	14.9	15.4	15.3	16.6	17.0	16.0	17.0	17.0	
Dual Purpose Kerosene	13.3	13.5	17.7	14.7	15.1	15.4	12.1	12.0	10.9	11.9	
<i>Kerosene</i>	3.2	5.0	8.6	6.1	6.0	5.3	2.1	1.2	1.2	1.5	
<i>Aviation Fuel</i>	10.1	8.5	9.1	8.6	9.1	10.1	10.0	10.9	9.7	10.4	
Fuel Oil	20.7	19.1	19.0	20.3	20.8	22.9	19.1	19.8	19.8	20.2	
LPG	4.3	4.2	4.3	4.4	4.3	4.7	4.4	4.3	4.5	4.5	
<i>Sub total (Petroleum products)</i>	63.9	61.3	66.0	64.7	64.9	69.2	61.5	60.1	60.3	61.4	
Coal	4.7	4.4	2.7	3.0	4.3	8.4	13.9	15.6	16.6	15.8	
<i>Sub total (Imported)</i>	68.6	65.7	68.7	67.7	69.2	77.6	75.4	75.6	76.9	77.2	
Local											
Hydro/Wind	2.0	3.3	2.5	2.1	2.3	0.7	1.9	1.3	1.6	2.1	
Bagasse	27.5	29.5	27.6	29.1	27.7	21.0	22.1	22.4	20.9	20.1	
Fuel Wood	1.9	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6	0.6	
<i>Sub total (Local)</i>	31.4	34.3	31.3	32.3	30.8	22.4	24.6	24.4	23.1	22.8	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

* estimates

Fig 2.1 - Primary energy requirement by energy source, 1994-2003

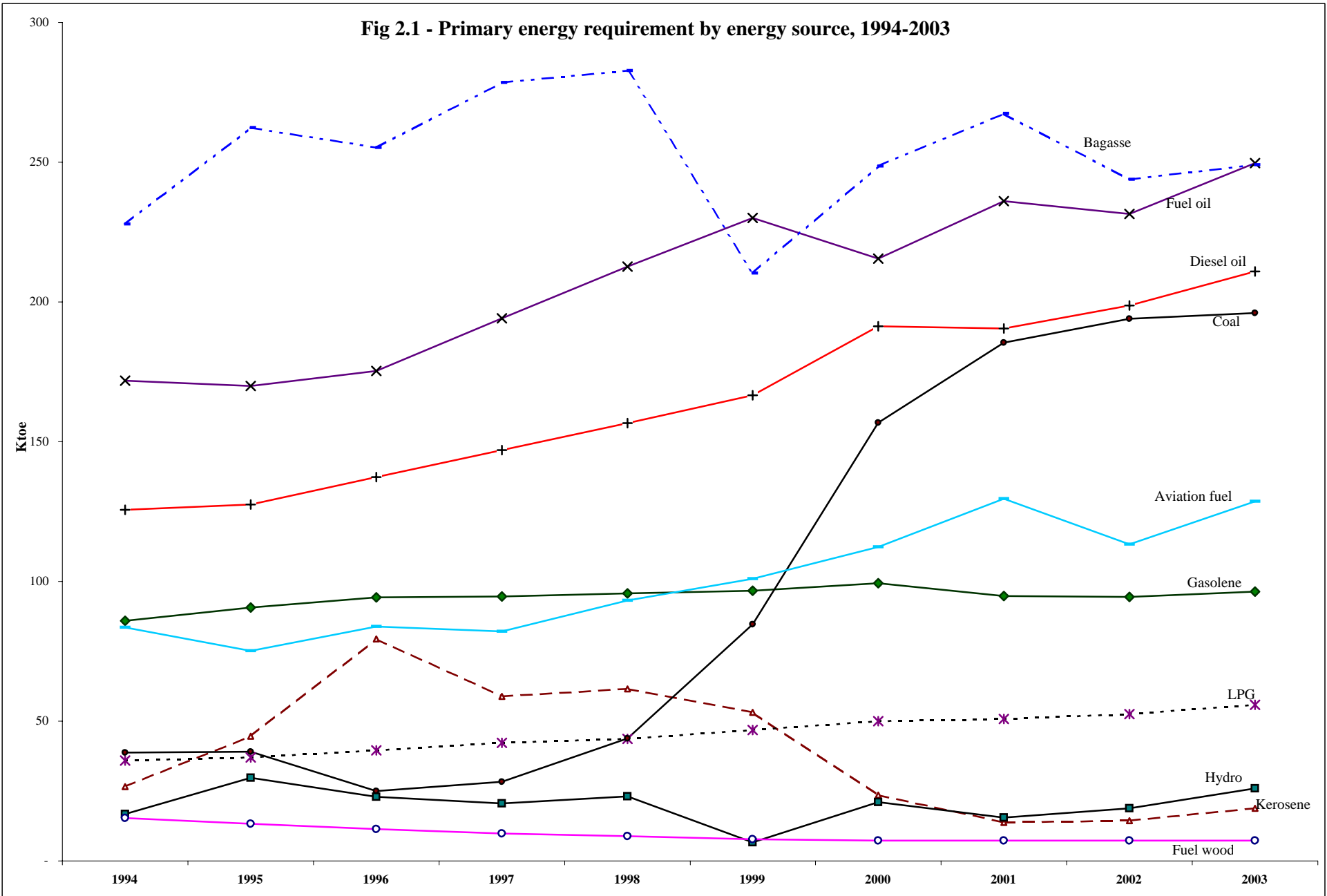


Table 2.2 - Imports of energy sources (Physical unit), 1994-2003

Energy source	Thousand tonne									
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Gasolene	78.4	84.2	88.0	88.1	86.9	92.7	89.8	86.8	80.3	86.8
Diesel oil	210.0	226.2	222.0	256.0	282.7	295.6	339.7	338.0	346.4	309.2
Dual Purpose Kerosene	149.5	170.7	196.0	196.3	206.4	231.9	217.4	214.2	225.5	227.7
<i>Kerosene</i>	25.9	39.6	81.1	76.6	54.1	44.2	27.4	12.0	14.3	20.2
<i>Aviation Fuel</i>	123.6	131.1	114.8	119.7	152.3	187.7	190.0	202.2	211.1	207.5
Fuel oil	199.4	207.5	194.4	249.2	274.1	246.3	218.8	275.1	208.6	288.0
LPG	32.7	36.2	36.6	41.7	44.7	43.6	47.3	43.9	55.9	51.5
Coal	38.5	66.4	38.5	27.8	86.3	128.9	222.4	347.5	312.0	289.4

Table 2.3 - Imports of energy sources (Energy unit), 1994 - 2003

Energy source	ktoe									
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Gasolene	84.7	90.9	95.1	95.1	93.8	100.2	97.0	93.7	86.7	93.7
Diesel oil	212.1	228.5	224.2	258.5	285.6	298.5	343.1	341.4	349.9	312.3
Dual Purpose Kerosene	155.5	177.5	203.8	204.1	214.7	241.2	226.1	222.7	234.5	236.8
<i>Kerosene</i>	26.9	41.2	84.4	79.6	56.3	45.9	28.4	12.5	14.9	21.0
<i>Aviation Fuel</i>	128.6	136.3	119.4	124.5	158.4	195.2	197.6	210.3	219.6	215.8
Fuel oil	191.4	199.2	186.6	239.2	263.2	236.4	210.0	264.1	200.2	276.5
LPG	35.3	39.1	39.5	45.0	48.2	47.1	51.1	47.4	60.4	55.6
<i>Sub total (Petroleum products)</i>	679.0	735.2	749.2	842.0	905.5	923.3	927.3	969.4	931.7	975.0
Coal	23.8	41.1	23.9	17.2	53.5	79.9	137.9	215.4	193.5	179.4
Total imports	702.9	776.3	773.1	859.2	959.0	1,003.2	1,065.2	1,184.8	1,125.2	1,154.4

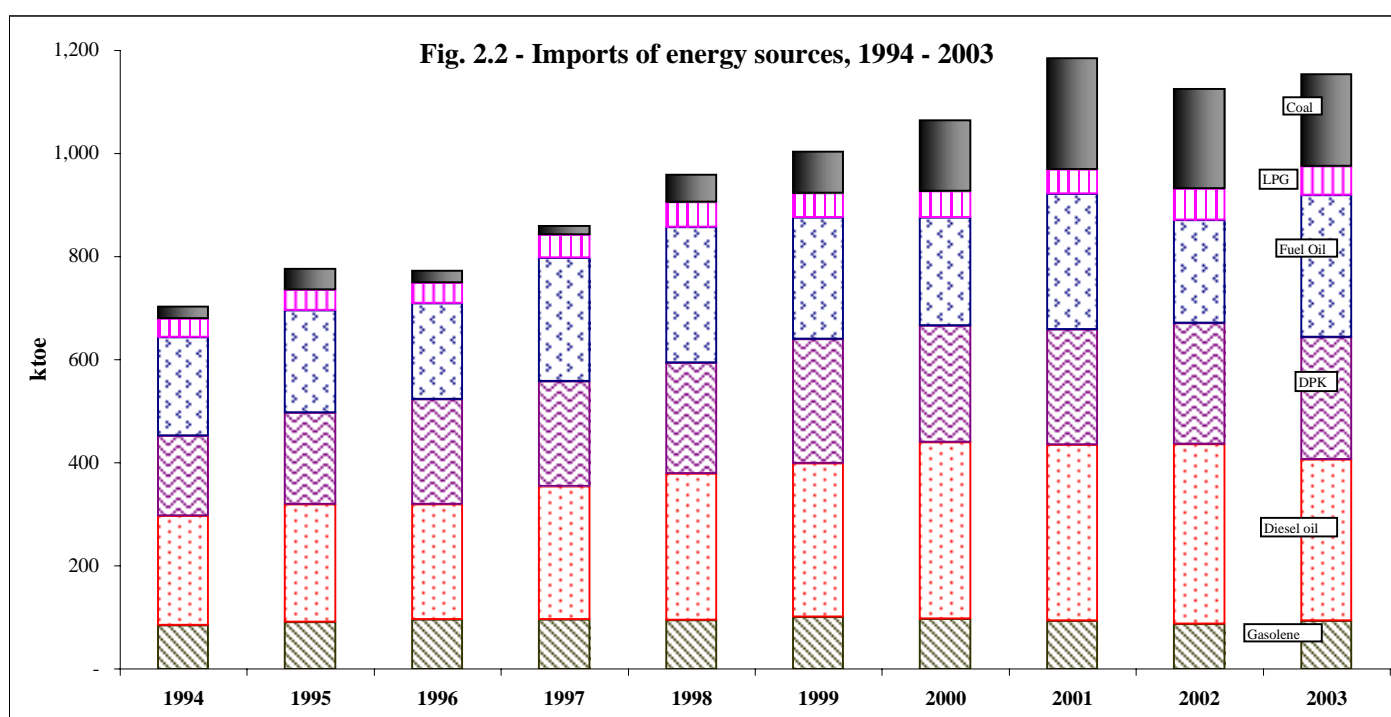


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 1994- 2003

	Tonne									
Country	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Gasolene	78,390	84,158	88,041	88,074	86,895	92,737	89,824	86,773	80,297	86,802
Bahrain	-	3,266	2,986	8,913	24,035	27,798	25,300	26,148	19,837	52,434
Kuwait	16,303	42,919	53,636	25,731	-	-	-	-	-	-
Saudi Arabia	19,082	22,982	2,737	15,791	46,878	47,644	19,497	15,065	26,907	28,205
Singapore	-	-	-	-	-	-	-	3,074	-	-
South Africa	43,005	14,991	28,682	37,639	15,982	12,960	45,027	30,038	16,190	-
United Arab Emirates	-	-	-	-	-	-	-	12,448	17,363	6,163
Yemen	-	-	-	-	-	4,335	-	-	-	-
Diesel	210,038	226,239	221,985	255,956	282,737	295,551	339,671	338,044	346,401	309,215
Bahrain	-	10,984	19,005	29,019	78,893	90,841	105,408	62,967	87,179	160,788
India	-	-	-	-	-	-	-	-	-	22,848
Kuwait	31,377	101,285	107,461	46,948	-	-	-	-	-	-
Saudi Arabia	68,148	53,108	9,993	46,647	150,460	153,800	51,087	90,262	99,745	96,136
Singapore	-	-	-	-	-	-	-	20,777	-	-
South Africa	110,513	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
Yemen	-	-	-	-	-	8,711	-	-	-	9,080
Kerosene (excl. jet fuel)	25,902	39,602	81,146	76,560	54,128	44,180	27,351	11,986	14,338	20,185
Bahrain	-	6,621	3,136	3,896	20,765	4,124	922	4,789	3,960	7,725
Kuwait	2,267	17,999	37,582	26,402	-	-	-	-	-	-
Saudi Arabia	10,490	6,601	1,766	13,643	27,193	37,222	1,154	3,290	3,721	7,980
Singapore	-	-	-	-	-	-	-	26	-	-
South Africa	13,145	8,381	38,662	32,619	6,170	2,834	25,275	3,699	2,477	2,521
United Arab Emirates	-	-	-	-	-	-	-	182	4,180	1,864
Yemen	-	-	-	-	-	-	-	-	-	95
Jet fuel type kerosene	123,619	131,060	114,842	119,692	152,308	187,697	190,018	202,187	211,127	207,511
Bahrain	-	948	15,160	11,074	36,476	63,251	66,643	44,066	37,996	119,280
Kuwait	24,341	52,793	46,034	17,348	-	-	-	-	-	-
Saudi Arabia	36,292	38,721	6,526	22,997	84,984	85,472	38,698	44,896	66,857	65,849
Singapore	-	-	-	-	-	-	-	5,158	-	-
South Africa	62,986	38,598	47,122	68,273	30,848	27,000	84,677	71,815	40,956	9,046
United Arab Emirates	-	-	-	-	-	-	-	36,252	65,318	7,160
Yemen	-	-	-	-	-	11,974	-	-	-	6,176
Fuel Oil	199,404	207,477	194,372	249,207	274,125	246,279	218,763	275,138	208,581	287,985
Bahrain	-	-	17,079	-	28,732	-	-	5,867	-	-
India	-	-	-	-	-	-	-	18,055	-	-
Iran	-	-	-	-	-	-	-	42,976	31,000	-
Kenya	10,764	41,388	10,163	-	11,584	44,168	-	-	-	-
Kuwait	34,520	51,116	77,139	49,108	-	-	-	-	-	-
Madagascar	12,631	89,749	86,984	153,944	174,599	117,521	117,116	98,076	40,587	199,830
Saudi Arabia	-	-	-	-	-	-	-	6,956	-	-
Singapore	-	-	-	-	-	-	-	-	23,827	-
South Africa	115,014	10,569	3,007	23,803	18,522	3,772	13,825	28,847	17,261	30,045
Tanzania	11,254	11,633	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	40,688	80,818	87,822	74,361	77,729	33,910
Ukraine	-	-	-	-	-	-	-	-	18,177	24,200
Other countries	15,222	3,022	-	22,352	-	-	-	-	-	-
LPG	32,669	36,222	36,584	41,658	44,675	43,544	47,344	43,888	55,934	51,515
Bahrain	4,969	-	-	-	-	-	-	-	-	-
France	-	-	-	829	2,704	-	-	-	4,842	2,724
Indonesia	-	-	-	2,257	3,054	3,146	197	-	-	-
Malaysia	-	4,811	-	-	1,659	2,157	1,821	7,126	9,281	10,550
Philippines	7,467	10,008	6,297	5,186	2,625	402	-	-	-	-
Saudi Arabia	971	-	-	-	-	-	-	-	2,029	-
Singapore	3,712	1,062	-	11,035	5,983	6,715	4,944	2,091	15,793	22,217
South Africa	14,305	20,341	30,246	20,718	27,299	31,124	38,522	34,671	18,890	13,007
United Arab Emirates	-	-	-	-	-	-	1,830	-	-	-
Yemen	-	-	-	-	-	-	-	-	3,225	324
Other countries	1,245	-	41	1,633	1,351	-	30	-	1,874	2,693
Coal	38,450	66,362	38,481	27,782	86,343	128,871	222,423	347,462	312,031	289,373
Greece	-	1,000	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	53,627	25,748	36,943	-	157,645	113,669
South Africa	38,450	65,362	38,481	27,782	32,717	103,123	185,480	347,462	154,386	175,704

Table 2.5 - Imports value of energy sources by country of origin, 1994- 2003

Country	Value (c.i.f): Rs(000)									
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Gasolene	251,615	277,137	381,000	410,552	356,322	475,173	744,311	646,125	605,654	748,509
Bahrain	-	13,507	13,735	47,439	102,814	167,006	215,549	203,232	164,003	439,731
Kuwait	52,550	141,463	231,003	111,754	-	-	-	-	-	-
Saudi Arabia	63,595	72,379	14,051	78,961	191,194	223,102	177,034	110,845	222,842	258,132
Singapore	-	-	-	-	-	-	-	26,345	-	-
South Africa	135,470	49,788	122,211	172,398	62,313	70,677	351,728	218,891	89,057	-
United Arab Emirates	-	-	-	-	-	-	-	86,812	129,752	50,647
Yemen	-	-	-	-	-	14,388	-	-	-	-
Diesel	589,601	660,368	913,215	1,003,872	808,284	1,114,019	2,166,701	2,046,171	2,223,576	2,206,920
Bahrain	-	35,938	78,158	111,765	217,560	377,663	661,929	392,692	617,939	1,148,753
India	-	-	-	-	-	-	-	-	-	196,298
Kuwait	90,163	298,098	445,324	191,273	-	-	-	-	-	-
Saudi Arabia	192,686	149,713	46,273	185,469	428,385	542,322	352,594	580,062	667,094	662,637
Singapore	-	-	-	-	-	-	-	131,704	-	-
South Africa	306,751	176,618	343,460	515,365	162,340	172,026	1,092,232	710,386	298,879	96,965
United Arab Emirates	-	-	-	-	-	-	59,945	231,327	639,664	46,240
Yemen	-	-	-	-	-	22,008	-	-	-	56,027
Kerosene (excl. jet fuel)	86,901	133,781	386,324	338,428	186,890	178,500	205,854	84,912	102,760	168,548
Bahrain	-	22,911	15,761	16,643	74,348	22,318	7,376	34,503	32,509	65,965
Kuwait	7,809	60,700	176,205	115,723	-	-	-	-	-	-
Saudi Arabia	38,097	21,017	8,728	60,588	92,513	140,819	10,320	25,560	27,076	69,549
Singapore	-	-	-	-	-	-	-	185	-	-
South Africa	40,995	29,153	185,631	145,474	20,029	15,362	188,158	23,874	14,204	19,807
United Arab Emirates	-	-	-	-	-	-	-	790	28,971	12,628
Yemen	-	-	-	-	-	-	-	-	-	599
Jet fuel type kerosene	387,033	434,406	517,606	502,221	513,571	819,982	1,349,534	1,335,866	1,460,996	1,588,451
Bahrain	-	3,280	72,545	47,057	135,915	311,847	459,620	309,308	283,167	915,616
Kuwait	76,951	174,824	209,900	76,875	-	-	-	-	-	-
Saudi Arabia	116,163	122,101	32,253	94,333	280,356	347,040	301,037	314,388	506,813	514,338
Singapore	-	-	-	-	-	-	-	36,621	-	-
South Africa	193,919	134,201	202,908	283,956	97,300	125,447	588,877	451,940	235,954	71,072
United Arab Emirates	-	-	-	-	-	-	-	223,609	435,062	48,505
Yemen	-	-	-	-	-	35,649	-	-	-	38,920
Fuel Oil	338,136	385,252	449,279	587,266	568,421	717,704	964,288	1,213,934	1,067,208	1,452,876
Bahrain	-	-	40,519	-	67,417	-	-	25,204	-	-
India	-	-	-	-	-	-	-	70,227	-	-
Iran	-	-	-	-	-	-	-	183,394	147,318	-
Kenya	19,363	80,048	24,432	-	24,615	125,087	-	-	-	-
Kuwait	64,438	100,915	184,899	111,442	-	-	-	-	-	-
Madagascar	17,855	161,045	192,024	360,166	364,899	311,355	499,540	430,723	196,684	995,205
Saudi Arabia	-	-	-	-	-	-	-	37,743	-	-
Singapore	-	-	-	-	-	-	-	-	115,267	-
South Africa	192,075	18,459	7,406	63,790	34,693	14,865	58,133	126,509	85,306	155,703
Tanzania	16,361	19,355	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	76,797	266,398	406,615	340,134	423,173	178,095
Ukraine	-	-	-	-	-	-	-	-	99,460	123,874
Other countries	28,044	5,430	-	51,868	-	-	-	-	-	-
LPG	195,589	228,447	262,436	339,170	323,436	377,853	510,470	517,009	534,452	518,198
Bahrain	29,843	-	-	-	-	-	-	-	-	-
France	-	-	-	7,821	18,305	-	-	-	43,961	24,209
Indonesia	-	-	-	18,938	20,235	27,351	2,675	-	-	-
Malaysia	-	28,636	-	-	12,721	22,203	20,428	83,650	89,409	106,065
Philippines	45,594	68,199	43,994	39,574	17,733	5,017	-	-	-	-
Saudi Arabia	6,107	-	-	-	-	-	-	-	17,677	-
Singapore	23,574	5,870	-	92,526	42,956	51,035	56,369	25,037	157,050	217,298
South Africa	82,623	125,742	218,118	164,748	199,901	272,246	411,296	408,322	170,911	140,889
United Arab Emirates	-	-	-	-	-	-	19,230	-	-	-
Yemen	-	-	-	-	-	-	-	-	35,683	3,756
Other countries	7,848	-	324	15,563	11,584	-	471	-	19,761	25,980
Coal	35,336	65,177	41,930	31,017	114,427	112,089	195,037	390,951	342,748	307,849
Greece	-	1,047	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	74,877	21,880	29,877	-	171,803	115,227
South Africa	35,336	64,130	41,930	31,017	39,550	90,209	165,159	390,951	170,945	192,623
All energy sources	1,884,211	2,184,567	2,951,789	3,212,525	2,871,350	3,795,713	6,136,195	6,234,968	6,337,394	6,991,351

Table 2.6 - Re-exports of energy sources to foreign aircraft and bunkers, 1994 - 2003

Energy re-exported	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	45.3	42.8	44.6	54.0	53.1	78.3	87.5	76.0	92.8	88.7
Diesel oil	85.7	85.1	102.1	104.8	127.3	122.1	160.0	156.7	138.5	97.7
Fuel oil	25.5	20.0	26.3	25.7	35.3	46.9	57.6	44.0	26.7	34.8
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	47.2	44.5	46.4	56.2	55.3	81.4	91.0	79.0	96.5	92.3
Diesel oil	86.6	85.9	103.2	105.9	128.6	123.3	161.6	158.3	139.9	98.6
Fuel oil	24.5	19.2	25.2	24.7	33.9	45.1	55.3	42.2	25.6	33.4
Total	158.3	149.5	174.7	186.7	217.8	249.8	307.9	279.5	262.1	224.3

Fig. 2.3 - Re-exports of energy sources to foreign aircraft and bunkers, 1994 - 2003

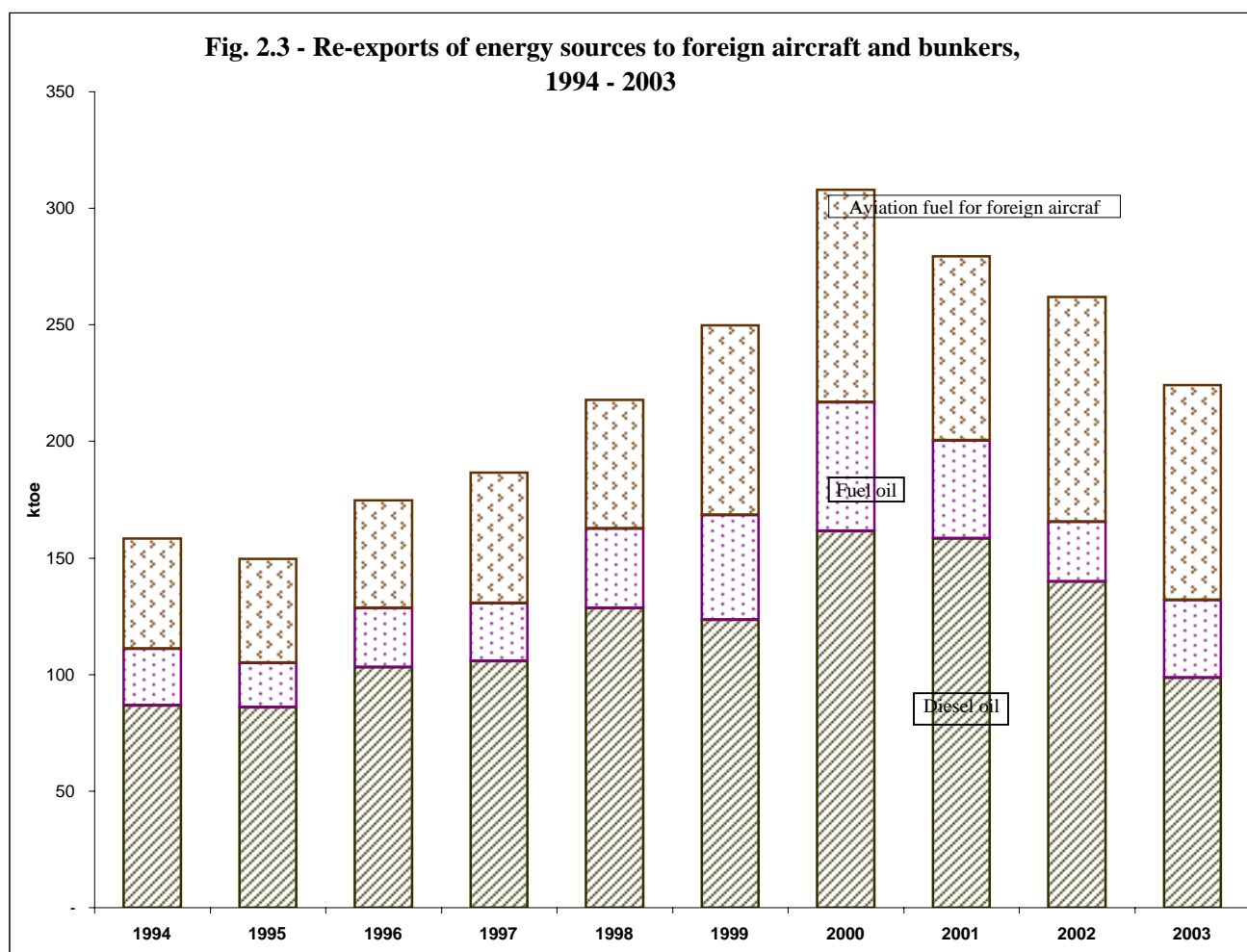
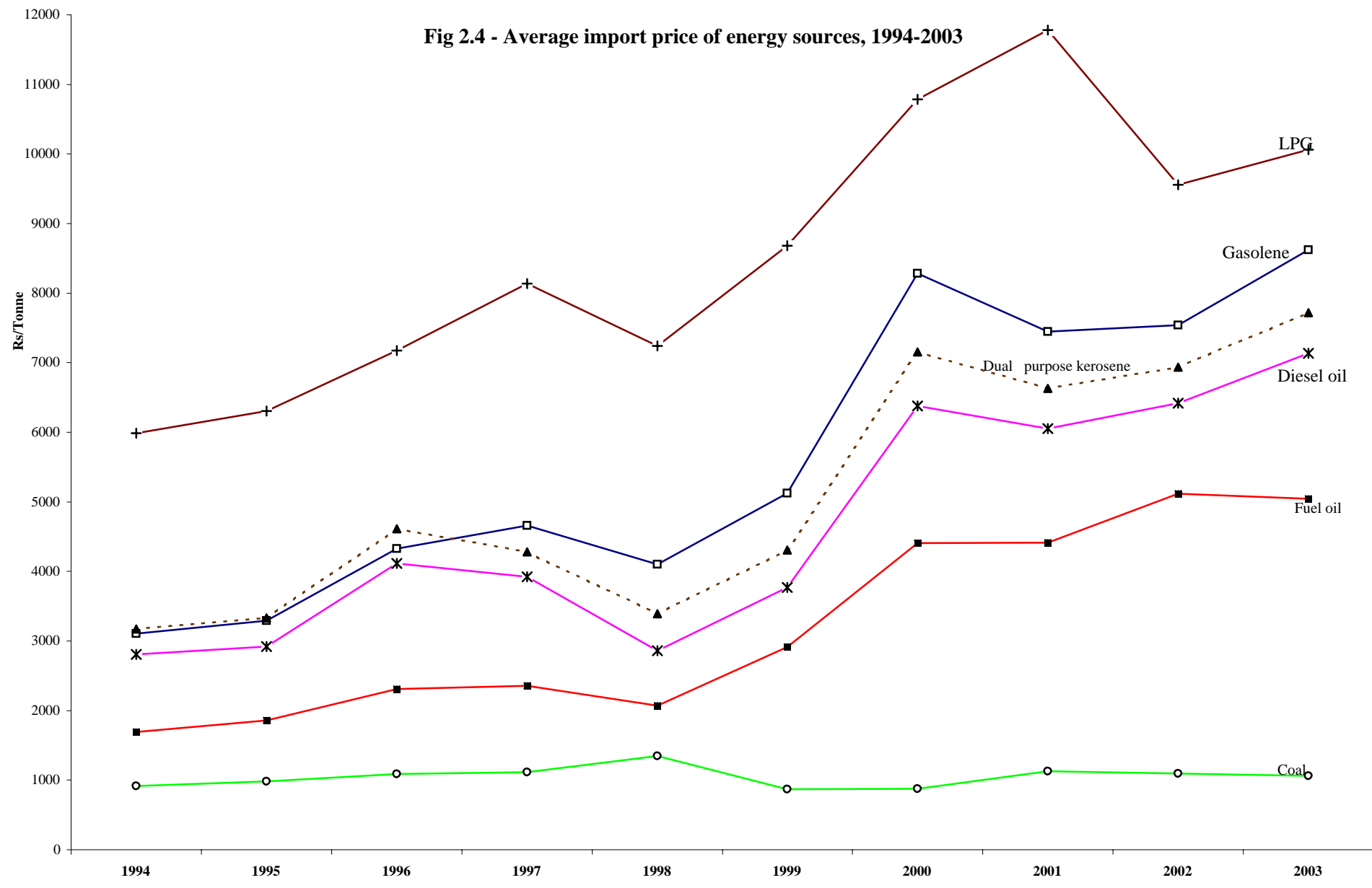


Table 2.7 Average import price of energy sources by country of origin , 1994-2003

Rs/tonne

Country	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Gasolene	3,210	3,293	4,328	4,661	4,101	5,124	8,286	7,446	7,543	8,623
Bahrain	-	4,136	4,600	5,322	4,278	6,008	8,520	7,772	8,268	8,386
Kuwait	3,223	3,296	4,307	4,343	-	-	-	-	-	-
Saudi Arabia	3,333	3,149	5,134	5,000	4,079	4,683	9,080	7,358	8,282	9,152
Singapore	-	-	-	-	-	-	-	8,570	-	-
South Africa	3,150	3,321	4,261	4,580	3,899	5,453	7,811	7,287	5,501	-
United Arab Emirates	-	-	-	-	-	-	-	6,974	7,473	8,218
Yemen	-	-	-	-	-	3,319	-	-	-	-
Diesel	2,807	2,919	4,114	3,922	2,859	3,769	6,379	6,053	6,419	7,137
Bahrain	-	3,272	4,113	3,851	2,758	4,157	6,280	6,236	7,088	7,145
India	-	-	-	-	-	-	-	-	-	8,591
Kuwait	2,874	2,943	4,144	4,074	-	-	-	-	-	-
Saudi Arabia	2,827	2,819	4,631	3,976	2,847	3,526	6,902	6,426	6,688	6,893
Singapore	-	-	-	-	-	-	-	6,339	-	-
South Africa	2,776	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
Yemen	-	-	-	-	-	2,526	-	-	-	6,170
Kerosene (excl. jet fuel)	3,355	3,378	4,761	4,420	3,453	4,040	7,526	7,084	7,167	8,350
Bahrain	-	3,460	5,026	4,272	3,580	5,412	8,000	7,205	8,209	8,539
Kuwait	3,445	3,372	4,689	4,383	-	-	-	-	-	-
Saudi Arabia	3,632	3,184	4,942	4,441	3,402	3,783	8,942	7,769	7,277	8,715
Singapore	-	-	-	-	-	-	-	7,115	-	-
South Africa	3,119	3,478	4,801	4,460	3,246	5,421	7,444	6,454	5,734	7,857
United Arab Emirates	-	-	-	-	-	-	-	4,341	6,931	6,774
Yemen	-	-	-	-	-	-	-	-	-	6,302
Jet fuel type kerosene	3,131	3,315	4,507	4,196	3,372	4,369	7,102	6,607	6,920	7,655
Bahrain	-	3,460	4,785	4,249	3,726	4,930	6,897	7,019	7,453	7,676
Kuwait	3,161	3,311	4,560	4,431	-	-	-	-	-	-
Saudi Arabia	3,201	3,153	4,942	4,102	3,299	4,060	7,779	7,003	7,581	7,811
Singapore	-	-	-	-	-	-	-	7,100	-	-
South Africa	3,079	3,477	4,306	4,159	3,154	4,646	6,954	6,293	5,761	7,857
United Arab Emirates	-	-	-	-	-	-	-	6,168	6,661	6,774
Yemen	-	-	-	-	-	2,977	-	-	-	6,302
Fuel Oil	1,696	1,857	2,311	2,357	2,074	2,914	4,408	4,412	5,117	5,045
Bahrain	-	-	2,372	-	2,346	-	-	4,296	-	-
India	-	-	-	-	-	-	-	3,890	-	-
Iran	-	-	-	-	-	-	-	4,267	4,752	-
Kenya	1,799	1,934	2,404	-	2,125	2,832	-	-	-	-
Kuwait	1,867	1,974	2,397	2,269	-	-	-	-	-	-
Madagascar	1,414	1,794	2,208	2,340	2,090	2,649	4,265	4,392	4,846	4,980
Saudi Arabia	-	-	-	-	-	-	-	5,426	-	-
Singapore	-	-	-	-	-	-	-	-	4,838	-
South Africa	1,670	1,747	2,463	2,680	1,873	3,941	4,205	4,386	4,942	5,182
Tanzania	1,454	1,664	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	1,887	3,296	4,630	4,574	5,444	5,252
Ukraine	-	-	-	-	-	-	-	-	5,472	5,119
Other countries	1,842	1,797	-	2,321	-	-	-	-	-	-
LPG	5,987	6,307	7,173	8,140	7,240	8,677	10,782	11,780	9,555	10,059
Bahrain	6,006	-	-	-	-	-	-	-	-	-
France	-	-	-	9,434	6,770	-	-	-	9,079	8,887
Indonesia	-	-	-	8,391	6,626	8,693	13,577	-	-	-
Malaysia	-	5,952	-	-	7,668	10,294	11,218	11,739	9,634	10,054
Philippines	6,106	6,814	6,986	7,631	6,755	12,478	-	-	-	-
Saudi Arabia	6,289	-	-	-	-	-	-	-	8,712	-
Singapore	6,351	5,527	-	8,385	7,180	7,600	11,402	11,974	9,944	9,781
South Africa	5,776	6,182	7,211	7,952	7,323	8,747	10,677	11,777	9,048	10,832
United Arab Emirates	-	-	-	-	-	-	10,508	-	-	-
Yemen	-	-	-	-	-	-	-	-	11,064	11,597
Other countries	6,302	-	7,820	9,528	8,574	-	15,649	-	10,545	9,647
Coal	919	982	1,090	1,116	1,325	870	877	1,125	1,098	1,064
Greece	-	1,047	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	1,396	850	809	-	1,090	1,014
South Africa	919	981	1,090	1,116	1,209	875	890	1,125	1,107	1,096

Fig 2.4 - Average import price of energy sources, 1994-2003



Section III

Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation and sales, 1994 - 2003

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.								
1994	339.2	3.6	307.8	3.0	187.2	2.3	75.8	0.2	971.8	1,047.8	955.8	818.6
1995	364.6	4.0	331.9	3.4	200.5	2.6	135.0	0.0	1,030.5	1,165.5	1,059.3	913.9
1996	364.6	4.0	331.9	3.4	218.7	2.9	104.5	0.1	1,167.6	1,272.2	1,164.3	996.0
1997	401.7	5.0	370.0	4.4	238.1	3.2	93.2	0.0	1,305.0	1,398.2	1,266.9	1,087.3
1998	480.4	6.0	396.7	5.4	248.9	3.5	104.7	-	1,434.2	1,538.9	1,381.7	1,190.3
1999	522.3	6.0	425.7	5.4	265.8	3.8	30.0	-	1,554.8	1,584.8	1,440.7	1,244.1
2000	654.8*	6.0	571.8*	5.4	283.9	3.8	95.7	-	1,681.9	1,777.5	1,584.5	1,374.6
2001	654.8*	6.0	573.8*	5.4	297.4	4.2	70.8	-	1,840.0	1,910.8	1,677.7	1,466.7
2002	650.9*	6.0	569.7*	5.4	308.6	4.4	85.9	-	1,863.0	1,948.9	1,737.6	1,509.8
2003	644.8*	6.0	568.3*	5.4	323.8	4.8	117.8	-	1,940.4	2,058.2	1,864.4	1,626.9

* 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

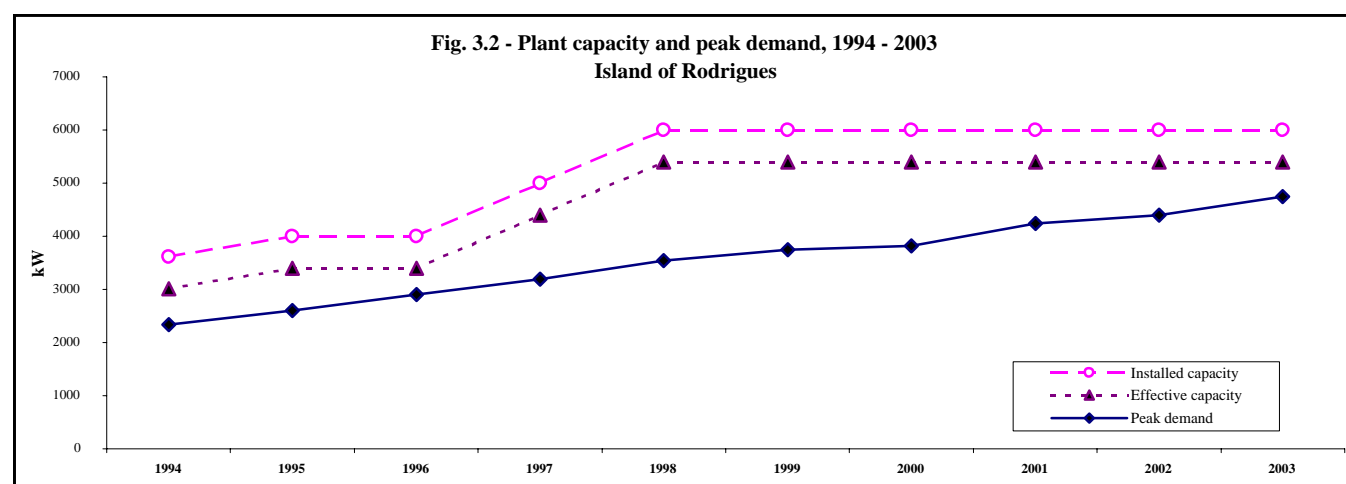
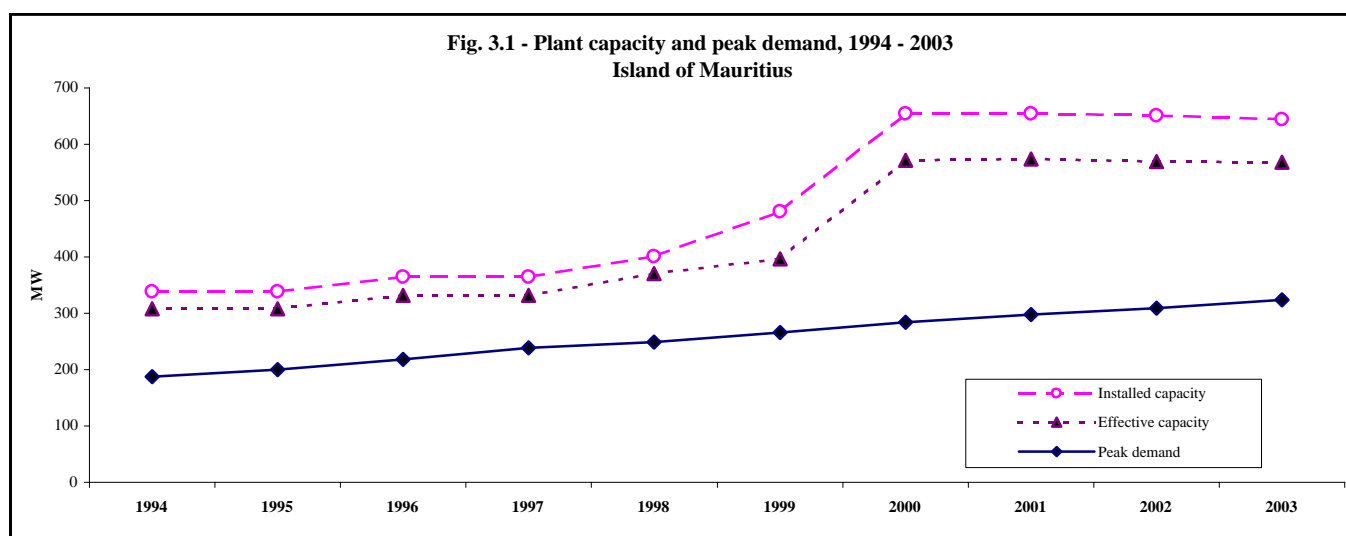


Table 3.2 - Plant capacity, 2003

MW

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity			Plant capacity	
	Installed	Effective		Installed	Effective
Hydro:			Hydro:		
Champagne	30.0	28.0	Bois Cherie	0.1	0.1
Ferney	10.0	10.0	Riche en Eau	0.2	0.2
Tamarind Falls	11.1	8.0	St Felix	0.0	0.0
Le Val	4.0	4.0			
Reduit	1.2	1.2	Total hydro	0.3	0.3
Cascade Cecile	1.0	1.0	Thermal:		
Magenta	0.9	0.8	<u>Firm producers¹</u>	136.3	121.0
La Ferme	1.2	1.2	F.U.E.L.	36.7	33.0
Total hydro	59.4	54.2	Compagnie thermique de Belle Vue	71.2	62.0
Thermal:			Consolidated energy limited	28.4	26.0
<u>Island of Mauritius</u>	<u>348.5</u>	<u>308.0</u>	<u>Continuous producers²</u>	<u>100.2</u>	<u>84.8</u>
St Louis	71.8	54.0	Savannah	15.6	14.0
Fort Victoria	61.7	45.0	Medine	13.0	12.0
Nicolay	78.0	76.0	Mon Desert Alma	13.8	13.0
Fort George	137.0	133.0	Mon Loisir	14.0	13.6
<u>Island of Rodrigues</u>	<u>6.0</u>	<u>5.4</u>	Riche en Eau	11.2	10.0
Total thermal	354.5	313.4	Union St. Aubin	12.2	11.5
			Mon Tresor Mon Desert	18.0	10.0
			St Felix	2.4	0.7
			Total thermal	236.5	205.8
Total	414.0	367.6	Total	236.8	206.1
All plants			Installed capacity	Effective capacity	
1. Island of Mauritius			644.8	568.3	
<i>CEB</i>			408.0	362.2	
<i>IPP</i>			236.8	206.1	
<i>of which involved in export to CEB</i>			214.1	151.3	
2. Island of Rodrigues (CEB)			6.0	5.4	
Total			650.8	573.7	

1 Producing electricity all year round with bagasse/coal

2 Producing electricity with bagasse only during crop season

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

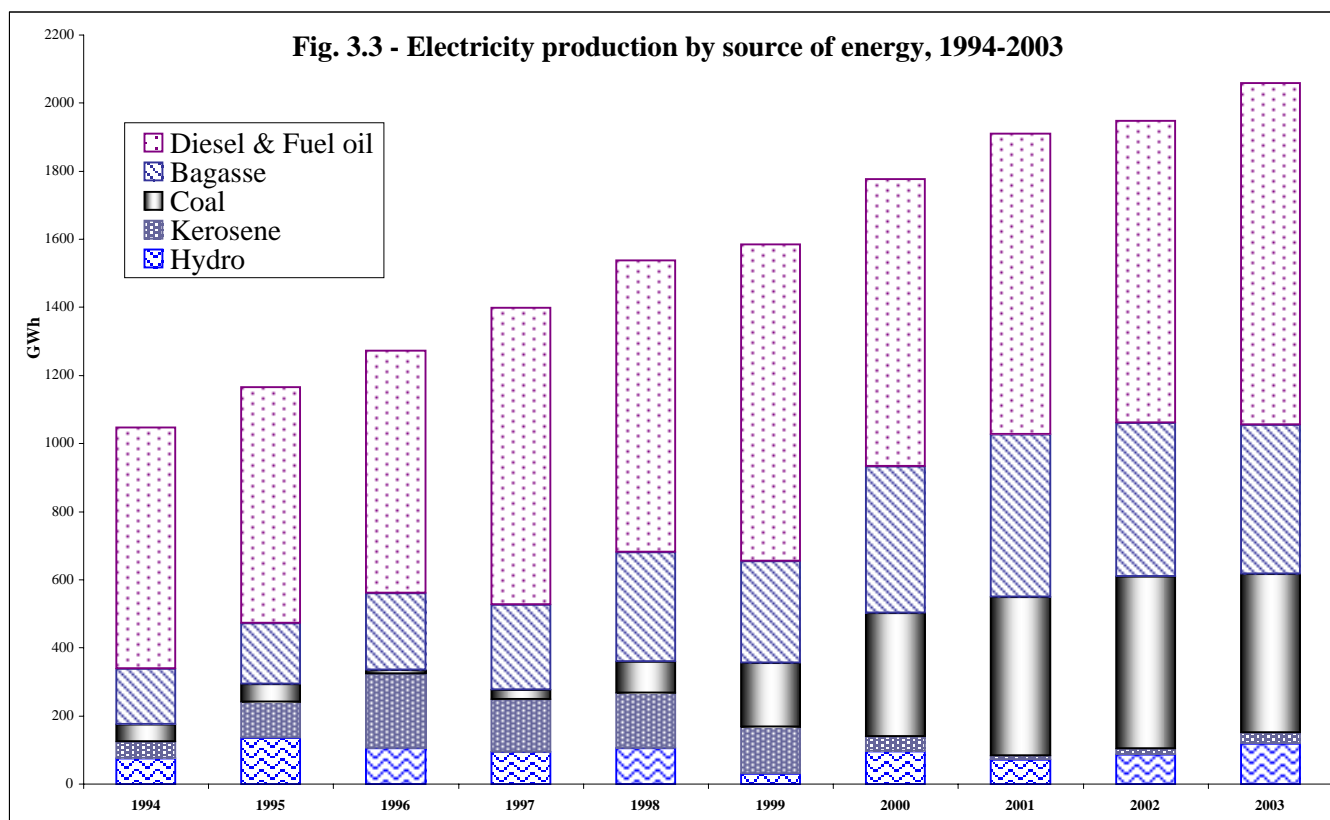


Table 3.5 - Generation of electricity by CEB and IPP, 1994 - 2003

	GWh									
Power station	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CEB	833.0	934.1	1,035.3	1,118.6	1,124.8	1,096.9	983.3	967.5	991.0	1,134.9
Hydro	75.2	134.2	103.7	92.2	103.9	29.5	95.3	70.4	85.6	117.7
Wind	0.2	0.0	0.1	0.0	-	-	-	-	-	-
<i>Island of Rodrigues</i>	0.2	0.0	0.1	0.0	-	-	-	-	-	-
Thermal	757.5	799.9	931.5	1,026.4	1,020.8	1,067.4	888.1	897.1	905.4	1,017.2
<i>Island of Mauritius</i>	746.9	787.9	918.3	1,011.3	1,003.9	1,049.3	868.5	876.5	882.8	992.8
<i>Island of Rodrigues</i>	10.6	11.9	13.2	15.1	16.9	18.1	19.6	20.6	22.6	24.4
IPP	214.8	231.4	236.9	279.6	414.2	487.9	794.2	943.3	957.9	923.3
Hydro	0.5	0.9	0.9	1.0	0.8	0.5	0.4	0.4	0.3	0.1
<i>Of which : exported to CEB</i>	0.2	0.2	0.2	0.3	0.2	0.0	0.0	0.0	0.0	-
Thermal ¹	214.3	230.6	236.1	278.6	413.4	487.4	793.8	942.9	957.6	923.2
<i>Of which : exported to CEB</i>	122.6	125.0	128.8	148.0	256.7	343.7	601.2	710.2	746.7	729.4
Coal (<i>Firm producers</i> ²)	46.0	40.9	9.8	23.4	62.4	155.2	322.7	413.7	447.6	433.4
Bagasse	76.6	84.1	119.0	124.6	194.3	188.5	278.5	296.5	299.1	296.1
<i>Firm producers</i> ²	...	49.1	79.6	66.1	81.8	110.8	167.0	182.8	171.1	176.2
<i>Continuous producers</i> ³	...	35.0	39.4	58.5	112.5	77.8	111.5	113.7	128.0	119.9
Total	1,047.8	1,165.5	1,272.2	1,398.2	1,538.9	1,584.8	1,777.5	1,910.8	1,948.9	2,058.2
Island of Mauritius										
CEB	822.2	922.1	1,022.0	1,103.5	1,107.8	1,078.8	963.7	946.9	968.4	1,110.5
IPP export to CEB	122.9	125.3	129.0	148.3	256.9	343.8	601.2	710.2	746.7	729.4
Total available for sales	945.0	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 Estimate

² Producing electricity **all year** round with bagasse/coal

³ Producing electricity with bagasse **only** during crop season

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

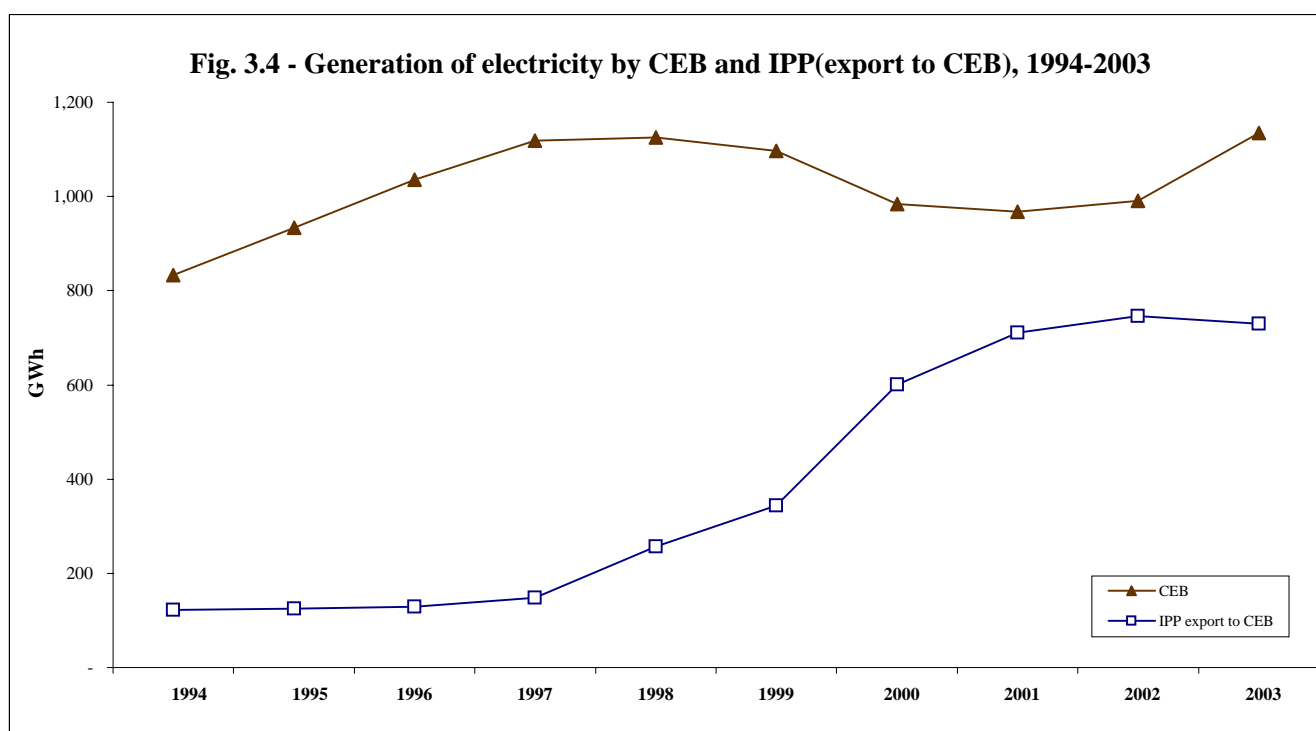


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 1994 - 2003

	%									
Power station	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CEB	79.5	80.1	81.4	80.0	73.1	69.2	55.3	50.6	50.8	55.1
Hydro	7.2	11.5	8.1	6.6	6.8	1.9	5.4	3.7	4.4	5.7
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	72.3	68.6	73.2	73.4	66.3	67.4	50.0	46.9	46.5	49.4
<i>Island of Mauritius</i>	71.3	67.6	72.2	72.3	65.2	66.2	48.9	45.9	45.3	48.2
<i>Island of Rodrigues</i>	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2
IPP	20.5	19.9	18.6	20.0	26.9	30.8	44.7	49.4	49.2	44.9
Hydro	0.0	0.1	0.1	0.1	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	20.5	19.8	18.6	19.9	26.9	30.8	44.7	49.3	49.1	44.9
<i>Of which : exported to CEB</i>	11.7	10.7	10.1	10.6	16.7	21.7	33.8	37.2	38.3	35.4
Coal (<i>Firm producers</i> ¹)	4.4	3.5	0.8	1.7	4.1	9.8	18.2	21.6	23.0	21.1
Bagasse	7.3	7.2	9.4	8.9	12.6	11.9	15.7	15.5	15.3	14.4
<i>Firm producers</i> ¹	...	4.22	6.3	4.7	5.3	7.0	9.4	9.6	8.8	8.6
<i>Continuous producers</i> ²	...	3.00	3.1	4.2	7.3	4.9	6.3	5.9	6.6	5.8
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	87.0	88.0	88.8	88.2	81.2	75.8	61.6	57.1	56.5	60.4
IPP export to CEB	13.0	12.0	11.2	11.8	18.8	24.2	38.4	42.9	43.5	39.6
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

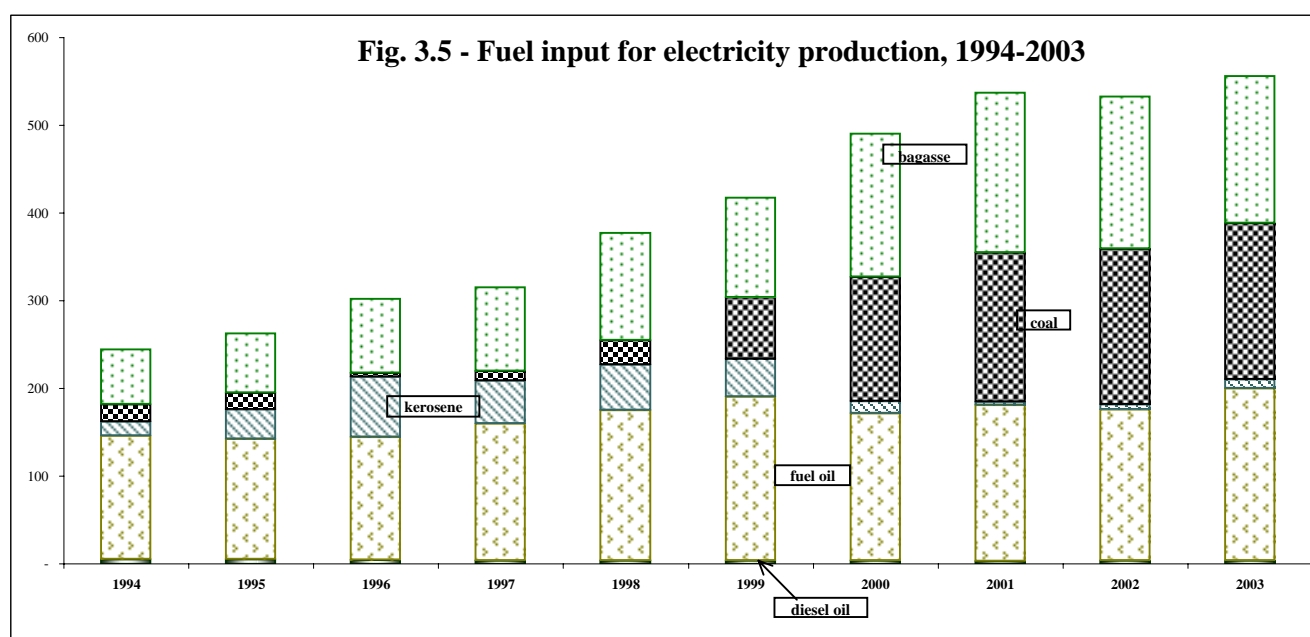
2 Producing electricity with bagasse**only** during crop season

Table 3.7 - Fuel input for electricity production, 1994 - 2003

Fuel	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Tonne										
Island of Mauritius										
Fuel oil	147,129	142,886	145,398	160,798	176,006	190,683	171,343	181,009	174,945	200,067
Diesel oil	2,844	2,599	2,202	2,299	2,529	3,064	2,822	2,553	2,771	2,423
Kerosene	14,789	32,332	65,827	46,993	49,676	41,948	13,081	3,760	5,443	9,864
Coal	31,949	30,289	6,557	18,430	45,035	112,123	228,520	273,376	286,886	287,176
Bagasse*	395,800	422,900	533,000	597,200	766,400	714,000	1,021,500	1,142,500	1,081,661	1,046,794
Island of Rodrigues										
Fuel oil **	-	-	611	1,860	2,726	3,740	4,172	4,328	4,671	4,392
Diesel oil **	2,190	2,685	2,230	1,130	1,223	440	542	585	710	1,472
ktoe										
Island of Mauritius										
Fuel oil	141.2	137.2	139.6	154.4	169.0	183.1	164.5	173.8	167.9	192.1
Diesel oil	2.9	2.6	2.2	2.3	2.6	3.1	2.9	2.6	2.8	2.4
Kerosene	15.4	33.6	68.5	48.9	51.7	43.6	13.6	3.9	5.7	10.3
Coal	19.8	18.8	4.1	11.4	27.9	69.5	141.7	169.5	177.9	178.0
Bagasse*	63.3	67.7	85.3	95.6	122.6	114.2	163.4	182.8	173.1	167.5
Sub total	242.6	259.9	299.6	312.5	373.7	413.5	486.1	532.6	527.3	550.3
Island of Rodrigues										
Fuel oil **	-	-	0.6	1.8	2.6	3.6	4.0	4.2	4.5	4.2
Diesel oil **	2.2	2.7	2.3	1.1	1.2	0.4	0.5	0.6	0.7	1.5
Sub total	2.2	2.7	2.8	2.9	3.9	4.0	4.6	4.7	5.2	5.7
Total	244.8	262.6	302.5	315.5	377.6	417.6	490.6	537.3	532.5	556.0
Percentage										
Island of Mauritius										
Fuel oil	57.7	52.2	46.2	48.9	44.7	43.8	33.5	32.3	31.5	34.5
Diesel oil	1.2	1.0	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4
Kerosene	6.3	12.8	22.6	15.5	13.7	10.4	2.8	0.7	1.1	1.8
Coal	8.1	7.2	1.3	3.6	7.4	16.6	28.9	31.5	33.4	32.0
Bagasse *	25.9	25.8	28.2	30.3	32.5	27.4	33.3	34.0	32.5	30.1
Sub total	99.1	99.0	99.1	99.1	99.0	99.0	99.1	99.1	99.0	99.0
Island of Rodrigues										
Fuel oil **	-	-	0.2	0.6	0.7	0.9	0.8	0.8	0.8	0.8
Diesel oil **	0.9	1.0	0.7	0.4	0.3	0.1	0.1	0.1	0.1	0.3
Sub total	0.9	1.0	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Estimates

** Figures for 1994-1997 are estimates



Section IV

Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 1994 - 2003

ktoe

Sector	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Manufacturing	268.8	305.3	292.2	311.8	299.3	240.2	249.9	262.4	249.2	260.3
1.1 excluding bagasse	104.3	110.6	122.3	128.8	139.2	144.1	164.8	177.8	178.4	178.6
1.2 bagasse ¹	164.5	194.7	169.9	183.0	160.1	96.1	85.1	84.6	70.8	81.6
2. Transport	269.7	268.8	285.5	291.4	309.2	326.0	355.9	372.3	364.1	390.2
3. Household	78.7	81.3	84.2	86.9	89.8	92.0	99.2	101.8	102.8	107.0
4. Commercial and Distributive Trade	22.3	24.0	26.0	29.1	32.3	34.1	36.9	40.8	41.7	47.7
5. Agriculture	3.4	3.4	3.9	3.9	4.4	4.3	4.8	4.8	4.8	4.8
6. Other (n.e.s) and losses	1.2	1.3	1.4	1.5	1.6	1.8	2.3	2.3	2.4	2.9
TOTAL	644.1	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.0	812.9

¹ Estimate**Table 4.2 - Percentage share of final energy consumption by sector, 1994 - 2003**

%

Sector	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Manufacturing	41.7	44.6	42.2	43.0	40.6	34.4	33.4	33.5	32.6	32.0
1.1 excluding bagasse	16.2	16.2	17.6	17.8	18.9	20.6	22.0	22.7	23.3	22.0
1.2 bagasse	25.5	28.5	24.5	25.3	21.7	13.8	11.4	10.8	9.3	10.0
2. Transport	41.9	39.3	41.2	40.2	42.0	46.7	47.5	47.5	47.6	48.0
3. Household	12.2	11.9	12.1	12.0	12.2	13.2	13.2	13.0	13.4	13.2
4. Commercial and Distributive Trade	3.5	3.5	3.8	4.0	4.4	4.9	4.9	5.2	5.5	5.9
5. Agriculture	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
6. Other (n.e.s) and losses	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

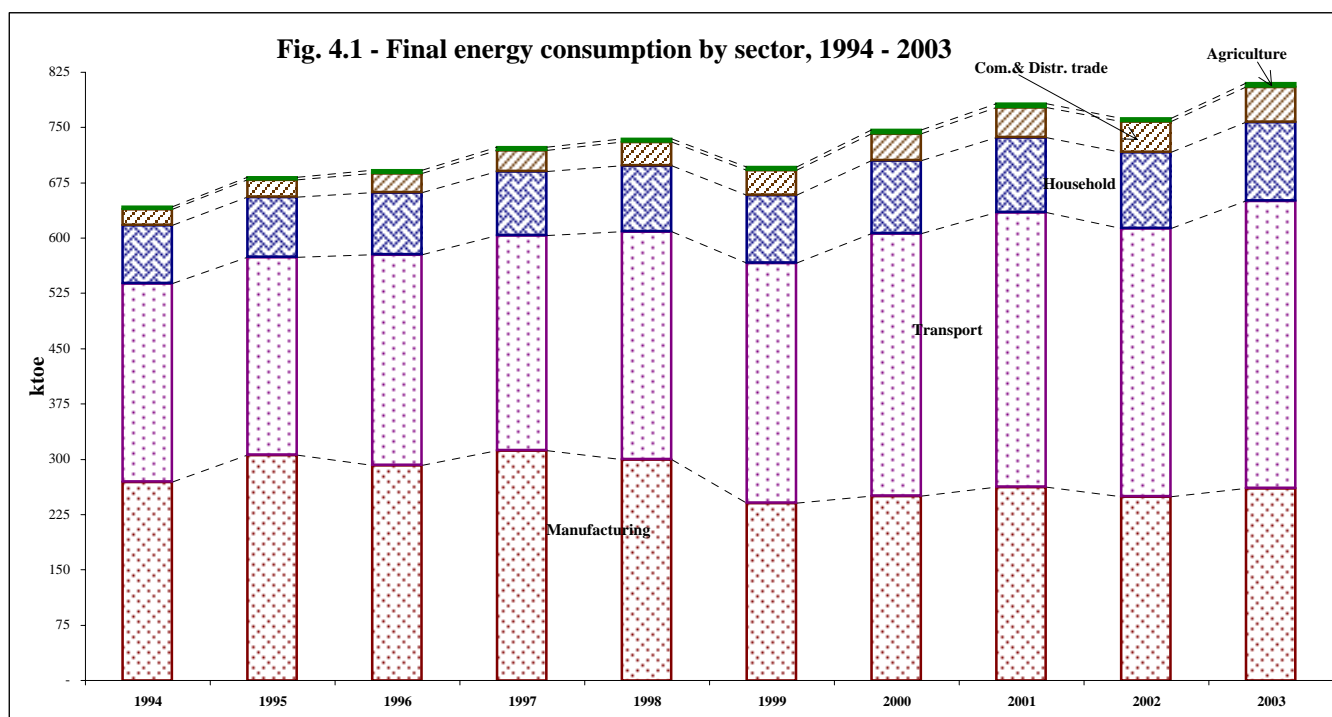


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 1994 - 2003

Sector	Unit	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Manufacturing											
1.1 excluding bagasse											
Fuel oil	tonne	31,814	34,203	36,590	39,518	42,774	45,150	49,000	60,630	61,439	55,615
Diesel oil	tonne	18,373	17,255	23,367	26,622	30,233	32,650	41,600	37,533	37,409	41,273
LPG	tonne	2,470	2,550	2,761	3,179	3,276	3,600	3,689	3,650	3,502	2,964
Coal	tonne	30,647	32,797	33,727	27,242	25,713	24,490	24,464	25,781	25,888	29,000
Fuel wood ¹	tonne	4,382	3,900	3,400	2,500	2,000	1,800	1,500	1,500	1,450	1,430
Electricity	GWh	370.2	415.9	446.2	496.1	551.3	558.8	651.6	711.4	711.7	718.9
1.2 bagasse ¹	tonne	1,028,400	1,216,900	1,062,100	1,143,800	1,000,600	600,400	531,800	529,000	442,722	510,246
2. Transport											
Gasolene	tonne	79,595	83,958	87,387	87,671	88,592	89,500	92,000	87,749	87,507	89,242
LPG	tonne	-	-	-	-	263.51	485	633	820	1,216	2,223
Diesel oil	tonne	99,202	101,876	106,224	113,361	118,934	126,500	142,000	145,555	153,437	161,267
Aviation fuel (local aircraft)	tonne	80,363	72,305	80,569	79,025	89,537	97,126	108,082	124,652	108,972	123,627
3. Household											
Kerosene	tonne	10,793	10,590	10,504	9,533	9,472	9,100	9,600	9,480	8,409	8,265
LPG	tonne	27,550	28,600	30,437	32,313	32,837	34,700	37,710	37,850	39,023	40,559
Fuel wood ¹	tonne	30,100	26,100	23,200	20,900	19,000	16,400	16,000	15,900	15,850	15,780
Charcoal ¹	tonne	500	400	350	300	250	200	150	150	130	125
Electricity	GWh	300.8	340.0	364.5	394.9	431.2	449.6	491.9	522.8	532.5	564.6
4. Commercial and Distributive Trade											
LPG	tonne	3,281	3,150	3,356	3,650	4,000	4,500	4,150	4,450	4,559	5,749
Charcoal ¹	tonne	1,000	800	500	300	300	300	300	330	340	350
Electricity	GWh	209.2	232.3	256.3	290.3	322.3	337.4	374.8	415.5	424.9	479.3
5. Agriculture											
Diesel oil ¹	tonne	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,460	2,430	2,410
Electricity	GWh	18.6	17.3	21.3	20.5	25.3	22.5	27.2	26.8	27.5	27.0

¹ Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 1994 - 2003

	ktoe									
Sector	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Manufacturing	268.8	305.3	292.2	311.8	299.3	240.2	249.9	262.4	249.2	260.3
1.1 excluding bagasse	104.3	110.6	122.3	128.8	139.2	144.1	164.8	177.8	178.4	178.6
Fuel oil	30.5	32.8	35.1	37.9	41.1	43.3	47.0	58.2	59.0	53.4
Diesel oil	18.6	17.4	23.6	26.9	30.5	33.0	42.0	37.9	37.8	41.7
LPG	2.7	2.8	3.0	3.4	3.5	3.9	4.0	3.9	3.8	3.2
Coal	19.0	20.3	20.9	16.9	15.9	15.2	15.2	16.0	16.1	18.0
Fuel wood ¹	1.7	1.5	1.3	1.0	0.8	0.7	0.6	0.6	0.6	0.5
Electricity	31.8	35.8	38.4	42.7	47.4	48.0	56.0	61.2	61.2	61.8
1.2 bagasse ¹	164.5	194.7	169.9	183.0	160.1	96.1	85.1	84.6	70.8	81.6
2. Transport	269.7	268.8	285.5	291.4	309.2	326.0	355.9	372.3	364.1	390.2
Gasolene	86.0	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4
LPG	-	-	-	-	0.3	0.5	0.7	0.9	1.3	2.4
Diesel oil	100.2	102.9	107.3	114.5	120.1	127.8	143.4	147.0	155.0	162.9
Aviation Fuel	83.6	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6
3. Household	78.7	81.3	84.2	86.9	89.8	92.0	99.2	101.8	102.8	107.0
Kerosene	11.2	11.0	10.9	9.9	9.9	9.5	10.0	9.9	8.7	8.6
LPG	29.8	30.9	32.9	34.9	35.5	37.5	40.7	40.9	42.1	43.8
Fuel wood ¹	11.4	9.9	8.8	7.9	7.2	6.2	6.1	6.0	6.0	6.0
Charcoal ¹	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Electricity	25.9	29.2	31.3	34.0	37.1	38.7	42.3	45.0	45.8	48.6
4. Commercial and Distributive Trade	22.3	24.0	26.0	29.1	32.3	34.1	36.9	40.8	41.7	47.7
LPG	3.5	3.4	3.6	3.9	4.3	4.9	4.5	4.8	4.9	6.2
Charcoal ¹	0.7	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.3
Electricity	18.0	20.0	22.0	25.0	27.7	29.0	32.2	35.7	36.5	41.2
5. Agriculture	3.4	3.4	3.9	3.9	4.4	4.3	4.8	4.8	4.8	4.8
Diesel oil ¹	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.4
Electricity	1.6	1.5	1.8	1.8	2.2	1.9	2.3	2.3	2.4	2.3
6. Other (n.e.s) and losses	1.2	1.3	1.4	1.5	1.6	1.8	2.3	2.3	2.4	2.9
TOTAL	644.1	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.0	812.9

¹ Estimates

Table 4.5 - Percentage share of final energy consumption (ktoe) by sector and type of fuel, 1994 - 2003

	%									
Sector	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Manufacturing	41.6	43.7	41.6	42.4	40.2	34.4	33.4	33.5	32.6	32.0
1.1 Excluding bagasse	16.8	16.7	17.9	17.8	18.5	20.6	22.0	22.7	23.3	22.0
Fuel oil	3.8	3.8	4.0	4.1	4.3	6.2	6.3	7.4	7.7	6.6
Diesel oil	2.3	2.0	2.7	2.9	3.2	4.7	5.6	4.8	4.9	5.1
LPG	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.5	0.4
Coal	2.4	2.4	2.4	1.8	1.7	2.2	2.0	2.0	2.1	2.2
Fuel wood	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	7.7	8.0	8.4	8.6	9.0	6.9	7.5	7.8	8.0	7.6
1.2 Bagasse	24.9	27.0	23.7	24.6	21.6	13.8	11.4	10.8	9.3	10.0
2. Transport	33.8	31.5	32.3	31.1	32.1	46.7	47.5	47.5	47.6	48.0
Gasolene	10.8	10.6	10.7	10.1	9.9	13.8	13.3	12.1	12.4	11.9
LPG	-	-	-	-	0.04	0.1	0.1	0.1	0.2	0.3
Diesel oil	12.6	12.0	12.1	12.2	12.5	18.3	19.1	18.7	20.3	20.0
Jet Fuel	10.5	8.8	9.5	8.8	9.7	14.5	15.0	16.5	14.8	15.8
3. Household	14.0	14.1	14.4	14.4	14.9	13.2	13.2	13.0	13.4	13.2
Kerosene	1.4	1.3	1.2	1.1	1.0	1.4	1.3	1.3	1.1	1.1
LPG	3.7	3.6	3.7	3.7	3.7	5.4	5.4	5.2	5.5	5.4
Fuel wood	1.8	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8	0.7
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	8.3	8.8	9.1	9.3	9.8	5.5	5.6	5.7	6.0	6.0
4. Commercial & Distr. Trade	6.3	6.4	6.8	7.3	7.8	4.9	4.9	5.2	5.5	5.9
LPG	0.4	0.4	0.4	0.4	0.4	0.7	0.6	0.6	0.6	0.8
Charcoal	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	5.8	6.0	6.4	6.8	7.4	4.2	4.3	4.6	4.8	5.1
5. Agriculture	0.7	0.7	0.8	0.7	0.8	0.6	0.6	0.6	0.6	0.6
Diesel oil	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Electricity	0.5	0.4	0.5	0.5	0.6	0.3	0.3	0.3	0.3	0.3
6. Other (n.e.s) and losses	3.5	3.6	4.1	4.0	4.2	0.3	0.3	0.3	0.3	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, 1994 - 2003

Energy source	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
Physical unit (Thousand tonne/GWh)											
Gasolene	79.6	84.0	87.4	87.7	88.6	89.5	92.0	87.7	87.5	89.2	
Diesel Oil	119.4	121.0	131.6	142.1	151.4	161.5	186.0	185.5	193.3	205.0	
Kerosene	10.8	10.6	10.5	9.5	9.5	9.1	9.6	9.5	8.4	8.3	
Aviation Fuel	80.4	72.3	80.6	79.0	89.5	97.1	108.1	124.7	109.0	123.6	
Fuel Oil	31.8	34.2	36.6	39.5	42.8	45.2	49.0	60.6	61.4	55.6	
LPG	33.3	34.3	36.6	39.1	40.4	43.3	46.2	47.1	48.3	51.7	
Coal	30.7	32.8	33.7	27.2	25.7	24.5	24.5	25.8	25.9	29.0	
Electricity	GWh	912.7	1,020.0	1,103.9	1,218.7	1,347.5	1,388.2	1,570.5	1,699.4	1,721.1	1,820.7
Bagasse*		1,028.4	1,216.9	1,062.1	1,143.8	1,000.6	600.4	531.8	529.0	442.7	510.2
Fuel Wood *		34.5	30.0	26.6	23.4	21.0	18.2	17.5	17.4	17.3	17.2
Charcoal*		1.5	1.2	0.9	0.6	0.6	0.5	0.5	0.5	0.5	0.5
Energy unit (ktoe)											
Gasolene	86.0	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	
Diesel Oil	120.6	122.2	132.9	143.5	152.9	163.1	187.9	187.4	195.2	207.0	
Kerosene	11.2	11.0	10.9	9.9	9.9	9.5	10.0	9.9	8.7	8.6	
Aviation Fuel	83.6	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	
Fuel Oil	30.5	32.8	35.1	37.9	41.1	43.3	47.0	58.2	59.0	53.4	
LPG	36.0	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5	55.8	
Coal	19.0	20.3	20.9	16.9	15.9	15.2	15.2	16.0	16.1	18.0	
Electricity	78.5	87.7	94.9	104.8	115.9	119.4	135.0	146.1	148.0	156.6	
Bagasse	164.5	194.7	169.9	183.0	160.1	96.1	85.1	84.6	70.8	81.6	
Fuel Wood	13.1	11.4	10.1	8.9	8.0	6.9	6.7	6.6	6.6	6.5	
Charcoal	1.1	0.9	0.6	0.4	0.4	0.4	0.3	0.4	0.3	0.4	
Total	644.1	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.0	812.9	
Percentage (%)											
Gasolene	13.3	13.3	13.6	13.1	13.0	13.8	13.3	12.1	12.4	11.9	
Diesel Oil	18.7	17.9	19.2	19.8	20.8	23.4	25.1	23.9	25.5	25.5	
Kerosene	1.7	1.6	1.6	1.4	1.3	1.4	1.3	1.3	1.1	1.1	
Aviation Fuel	13.0	11.0	12.1	11.3	12.6	14.5	15.0	16.5	14.8	15.8	
Fuel Oil	4.7	4.8	5.1	5.2	5.6	6.2	6.3	7.4	7.7	6.6	
LPG	5.6	5.4	5.7	5.8	5.9	6.7	6.7	6.5	6.9	6.9	
Coal	3.0	3.0	3.0	2.3	2.2	2.2	2.0	2.0	2.1	2.2	
Electricity	12.2	12.8	13.7	14.5	15.7	17.1	18.0	18.6	19.3	19.3	
Bagasse	25.5	28.5	24.5	25.3	21.7	13.8	11.4	10.8	9.3	10.0	
Fuel Wood	2.0	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.9	0.8	
Charcoal	0.2	0.1	0.1	0.1	0.1	0.1	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	

* estimates

Fig 4.2 - Final energy consumption by energy source, 1994-2003

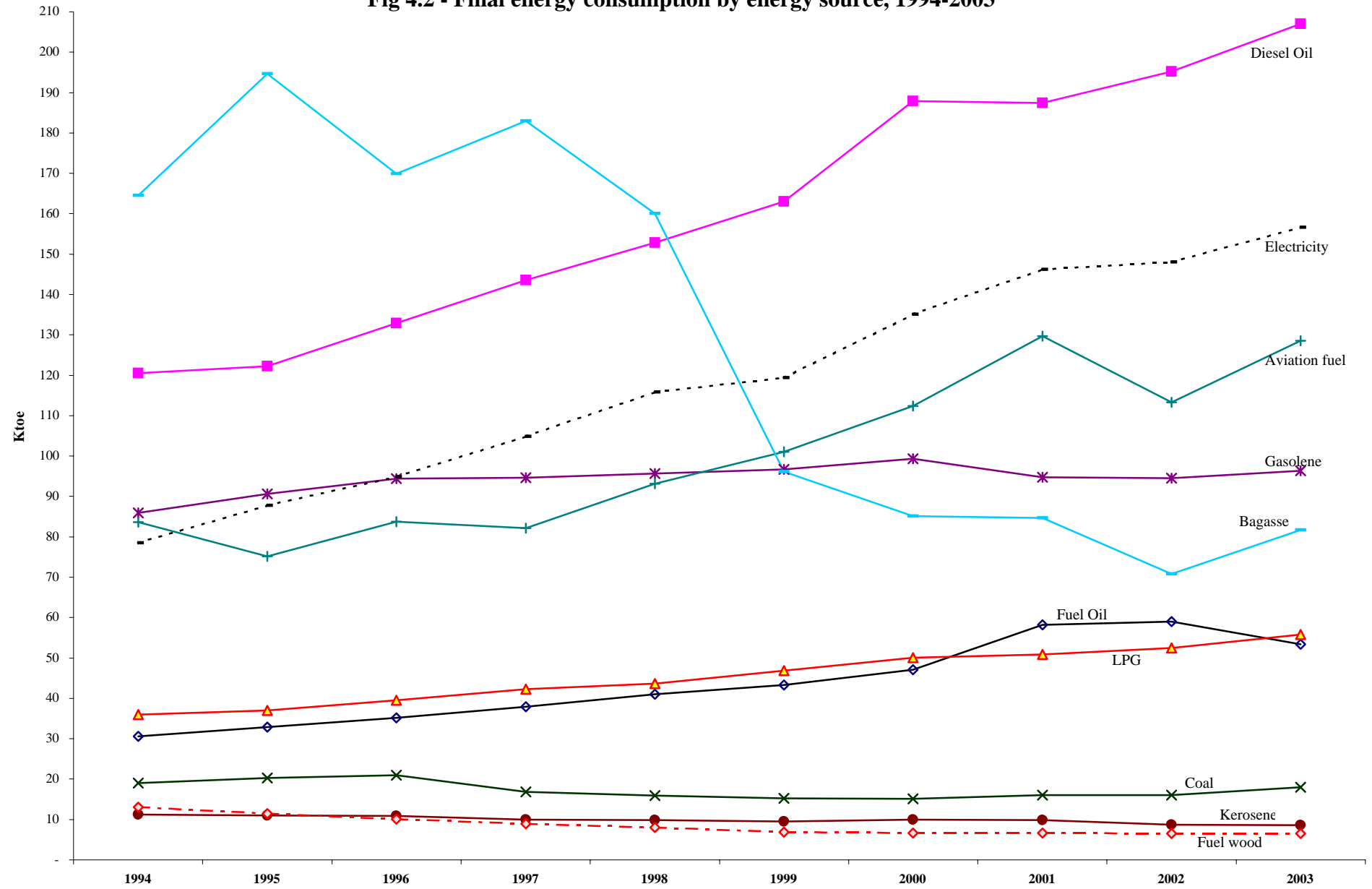


Table 4.7 - Sales of electricity by type of tariff, 1994 - 2003(Republic of Mauritius)

Tariff group	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of consumers										
Domestic	232,348	244,286	253,157	261,204	269,981	279,432	288,520	297,051	303,620	311,523
Commercial	22,051	23,648	24,408	25,027	25,758	26,642	27,831	28,594	29,030	29,779
Industrial	6,136	6,502	6,647	6,701	6,854	7,090	7,008	7,084	7,164	7,218
Other	223	236	245	252	258	281	293	299	311	328
Total	260,758	274,672	284,457	293,184	302,851	313,445	323,652	333,028	340,125	348,848
GWh sold										
Domestic	300.8	340.0	364.5	394.9	431.2	449.6	491.9	522.8	532.5	564.6
Commercial	209.2	232.3	256.3	290.3	322.3	337.4	374.8	415.5	424.9	479.3
Industrial	296.9	327.0	359.6	385.3	419.5	437.2	485.8	505.0	527.9	552.0
Other	11.8	14.6	15.6	16.8	17.3	19.9	21.4	23.3	24.4	31.0
Total	818.6	913.9	996.0	1,087.4	1,190.3	1,244.1	1,374.0	1,466.7	1,509.8	1,626.9
Value sold (Rs.mn)										
Domestic	652.4	742.8	794.6	865.1	951.1	959.5	1,156.3	1,473.4	1,649.8	1,783.4
Commercial	549.1	612.2	670.9	769.6	810.8	823.8	1,038.5	1,411.4	1,707.7	1,928.6
Industrial	555.0	602.1	652.8	710.0	735.1	789.4	909.8	1,002.3	1,120.0	1,176.0
Other	35.2	17.3	43.9	50.8	52.3	56.9	66.3	83.7	104.5	134.6
Total	1,791.8	1,974.3	2,162.2	2,395.6	2,549.4	2,629.5	3,171.0	3,970.8	4,582.0	5,022.5

Source: Central Electricity Board

Fig. 4.3 - % distribution of electricity consumers by type of tariff, 2003

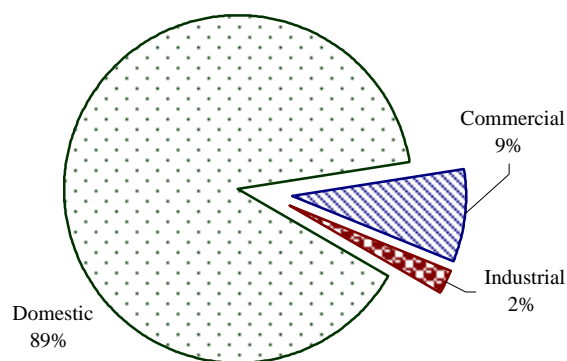


Fig. 4.4 - % share of GWh consumed by type of tariff, 2003

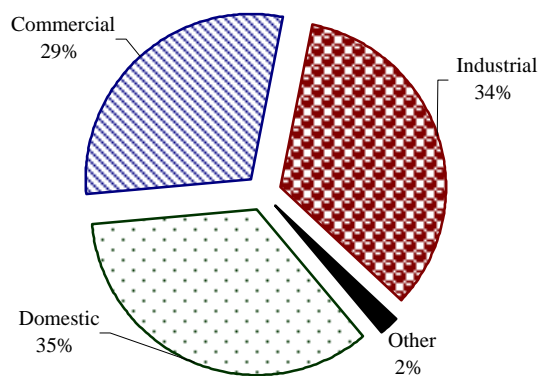
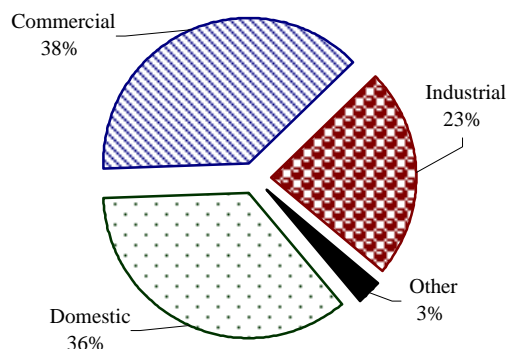
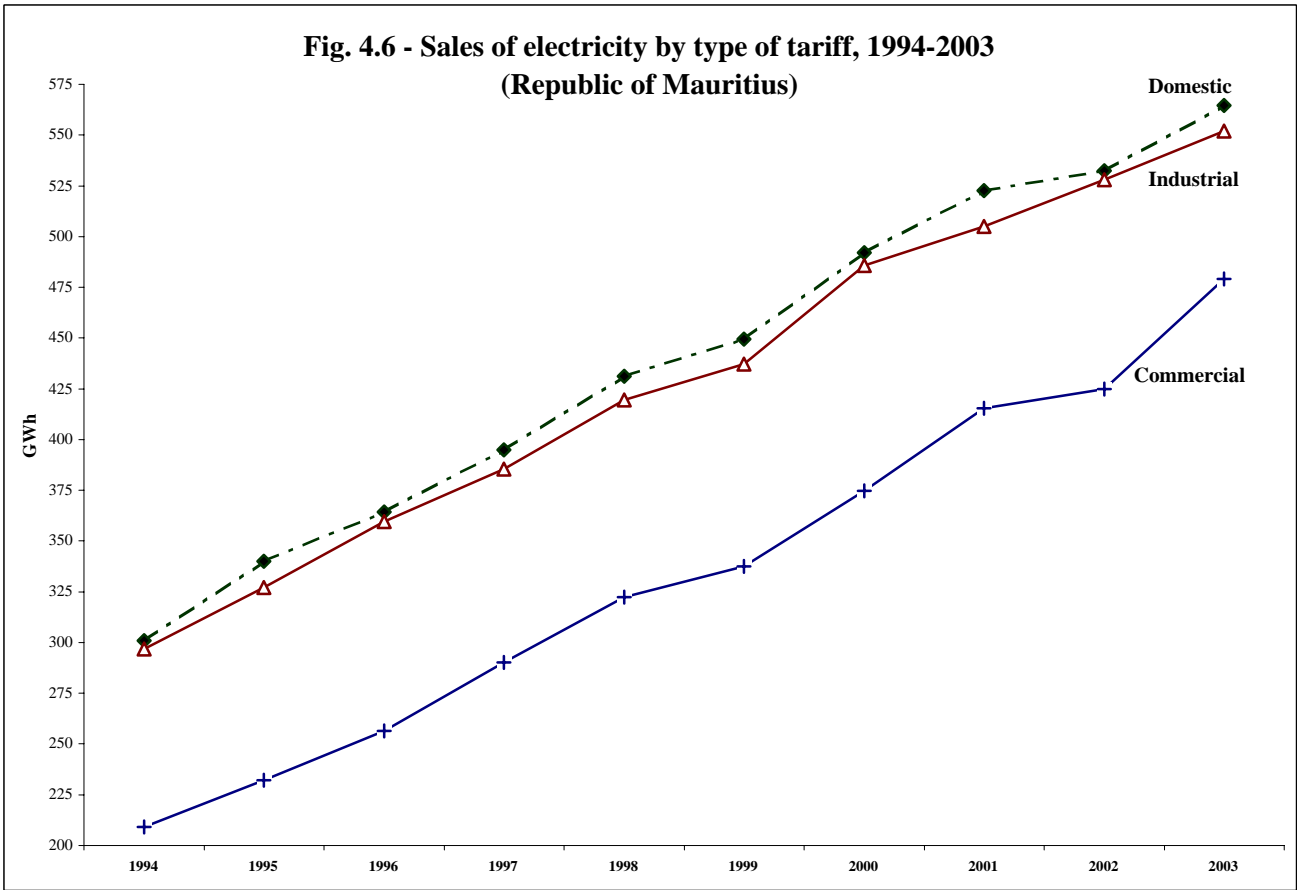


Fig. 4.5 - % share of sales value of electricity by type of tariff, 2003



**Fig. 4.6 - Sales of electricity by type of tariff, 1994-2003
(Republic of Mauritius)**



**Fig. 4.7 - Sales value of electricity by type of tariff, 1994-2003
(Republic of Mauritius)**

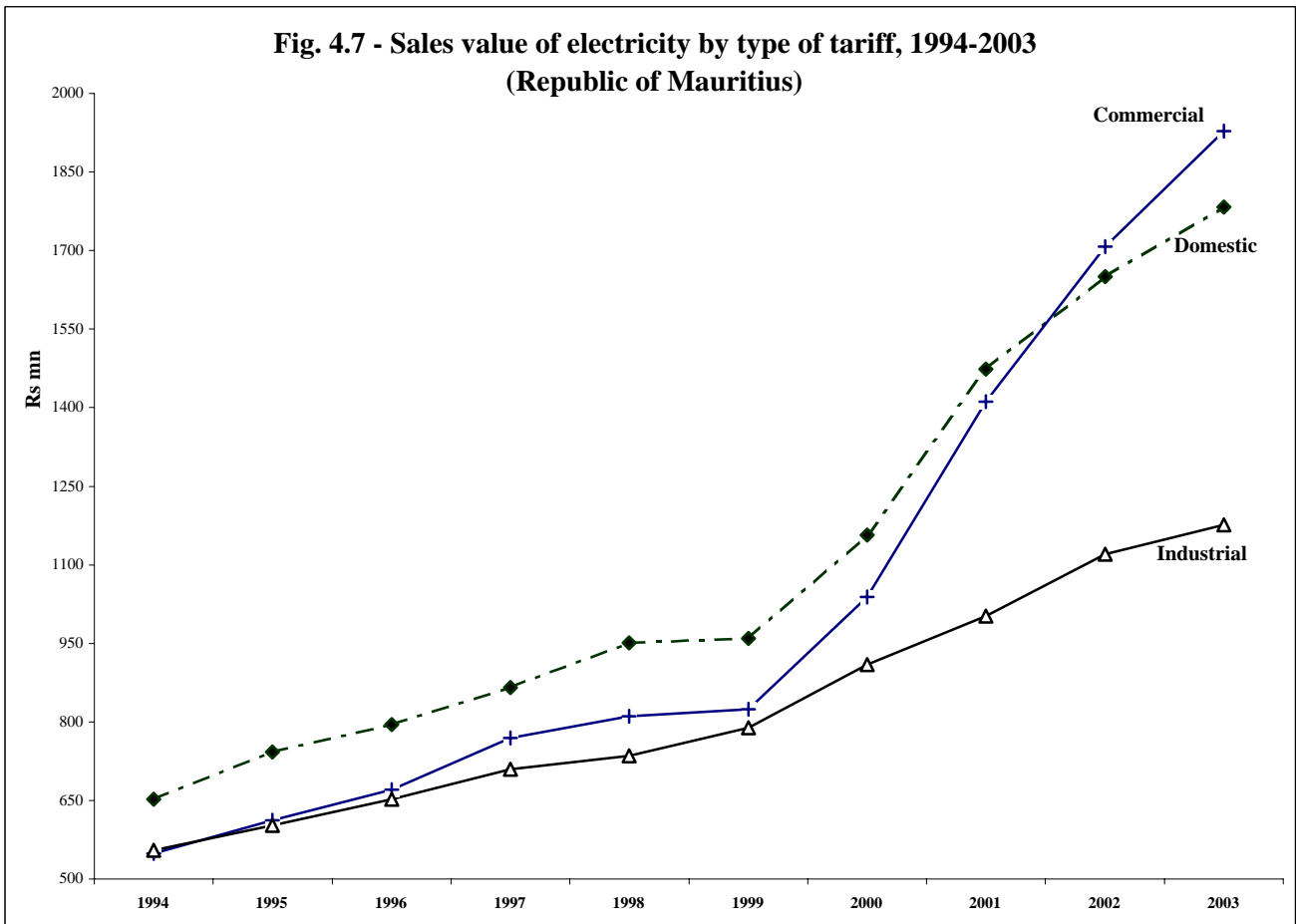


Table 4.8 - Sales of electricity by type of tariff, 1994 - 2003 (Island of Mauritius)

Tariff group	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of consumers										
Domestic	225,450	237,209	245,769	253,518	261,971	271,061	279,886	288,324	294,666	302,387
Commercial	21,356	22,924	23,631	24,216	24,914	25,730	26,915	27,655	28,054	28,797
Industrial	6,038	6,404	6,539	6,596	6,751	6,981	6,879	6,941	6,980	7,057
<i>General</i>	5,807	6,163	6,269	6,308	6,342	6,419	6,531	6,624	6,662	6,681
<i>Irrigation</i>	231	241	270	288	409	562	348	317	318	376
Other	222	230	239	246	251	257	283	293	305	322
Total	253,066	266,767	276,178	284,576	293,887	304,029	313,963	323,213	330,005	338,563
GWh sold										
Domestic	295.6	334.1	357.9	387.4	422.7	440.3	482.1	512.0	521.1	552.6
Commercial	206.8	229.6	253.6	287.1	318.6	333.5	370.7	411.0	419.7	473.0
Industrial	295.8	325.7	358.0	383.8	417.8	435.5	484.5	503.8	526.7	550.6
<i>General</i>	277.2	308.4	336.7	363.2	392.5	413.1	457.3	477.1	499.2	523.7
<i>Irrigation</i>	18.6	17.3	21.3	20.5	25.3	22.5	27.2	26.7	27.4	26.9
Other	11.8	14.6	15.6	16.8	17.3	19.9	21.2	23.1	24.2	30.8
<i>Street Lighting</i>	9.9	12.6	13.5	14.7	15.0	17.6	19.2	20.9	21.8	27.6
<i>Temporary</i>	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>CEB</i>	1.8	1.9	2.0	2.0	2.2	2.2	1.9	2.0	2.2	3.0
Total	810.0	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
Value sold (Rs.mn)										
Domestic	641.4	730.3	780.8	849.4	933.1	939.5	1,134.0	1,445.6	1,617.3	1,749.0
Commercial	541.9	604.0	662.5	760.3	799.7	811.9	1,024.8	1,393.0	1,683.1	1,899.3
Industrial	552.3	598.9	648.7	706.4	731.3	785.6	906.6	999.0	1,116.5	1,171.9
<i>General</i>	527.2	575.4	619.5	677.6	688.5	724.9	868.8	960.7	1,071.9	1,128.1
<i>Irrigation</i>	25.2	23.5	29.2	28.8	42.8	60.7	37.8	38.3	44.6	43.8
Other	35.2	17.2	43.8	50.7	52.3	56.8	65.7	82.9	103.5	133.5
Total	1,770.8	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
Average sales price (Rs./kWh)										
Domestic	2.17	2.19	2.18	2.19	2.21	2.13	2.35	2.82	3.10	3.16
Commercial	2.62	2.63	2.61	2.65	2.51	2.43	2.76	3.39	4.01	4.02
Industrial	1.87	1.84	1.81	1.84	1.75	1.80	1.87	1.98	2.12	2.13
<i>General</i>	1.90	1.87	1.84	1.87	1.75	1.75	1.90	2.01	2.15	2.15
<i>Irrigation</i>	1.35	1.36	1.37	1.40	1.69	2.70	1.39	1.43	1.62	1.63
Other	3.00	1.18	2.82	3.02	3.02	2.85	3.10	3.60	4.28	4.34
All tariff	2.19	2.16	2.17	2.20	2.14	2.11	2.30	2.70	3.03	3.08
Average no. of units per consumer (kWh)										
Domestic	1,311	1,408	1,456	1,528	1,613	1,624	1,723	1,776	1,769	1,828
Commercial	9,682	10,017	10,730	11,857	12,787	12,961	13,771	14,861	14,960	16,426
Industrial	48,990	50,859	54,753	58,181	61,894	62,389	70,430	72,589	75,455	78,022
<i>General</i>	47,744	50,035	53,715	57,582	61,891	64,351	70,014	72,026	74,937	78,382
<i>Irrigation</i>	80,464	71,820	78,834	71,291	61,946	39,985	78,223	84,348	86,313	71,625
Other	44,402	54,874	56,305	59,909	59,599	68,419	67,843	71,391	71,610	85,748
All consumers	3,201	3,389	3,567	3,778	4,003	4,043	4,327	4,486	4,520	4,747

Source: Central Electricity Board

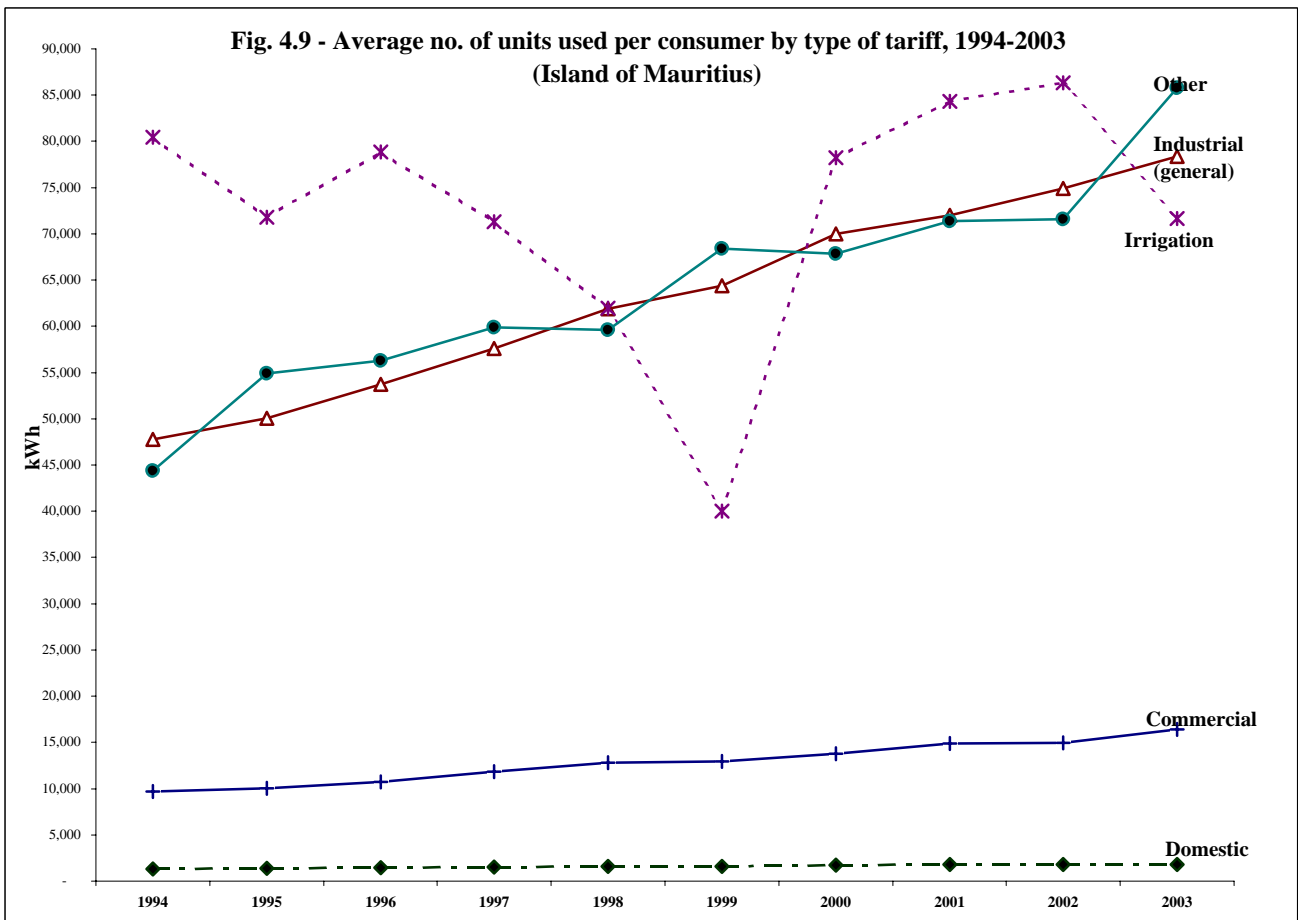
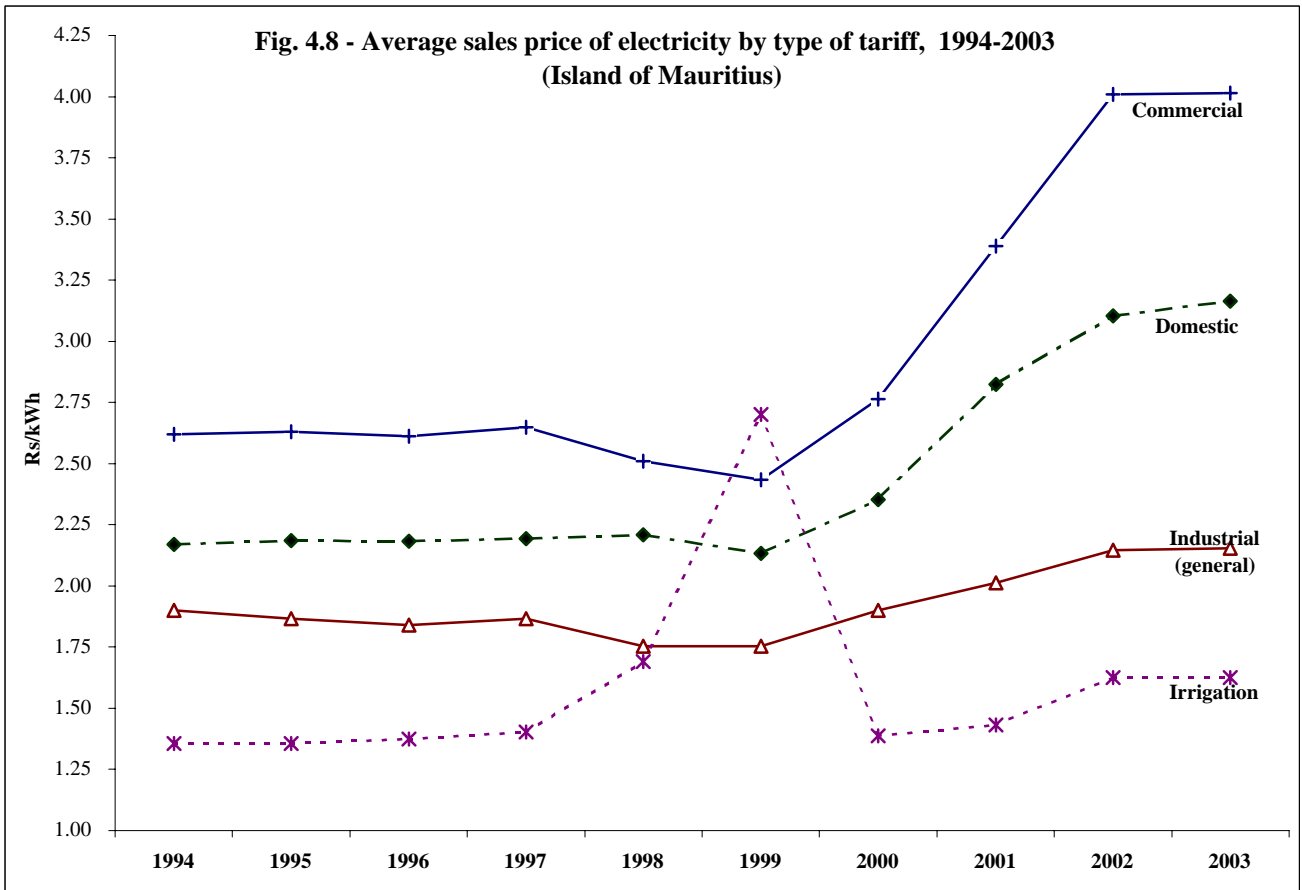
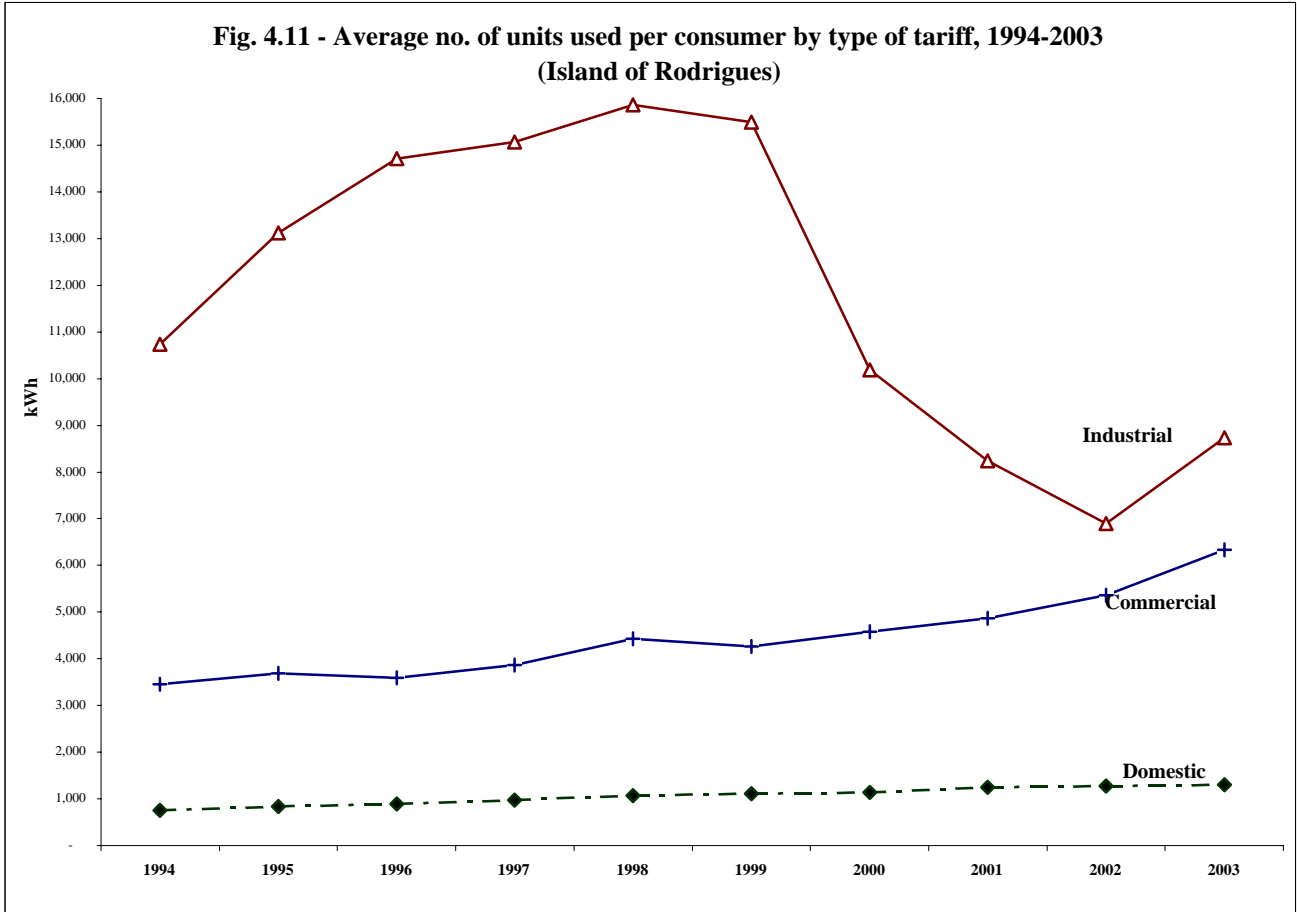
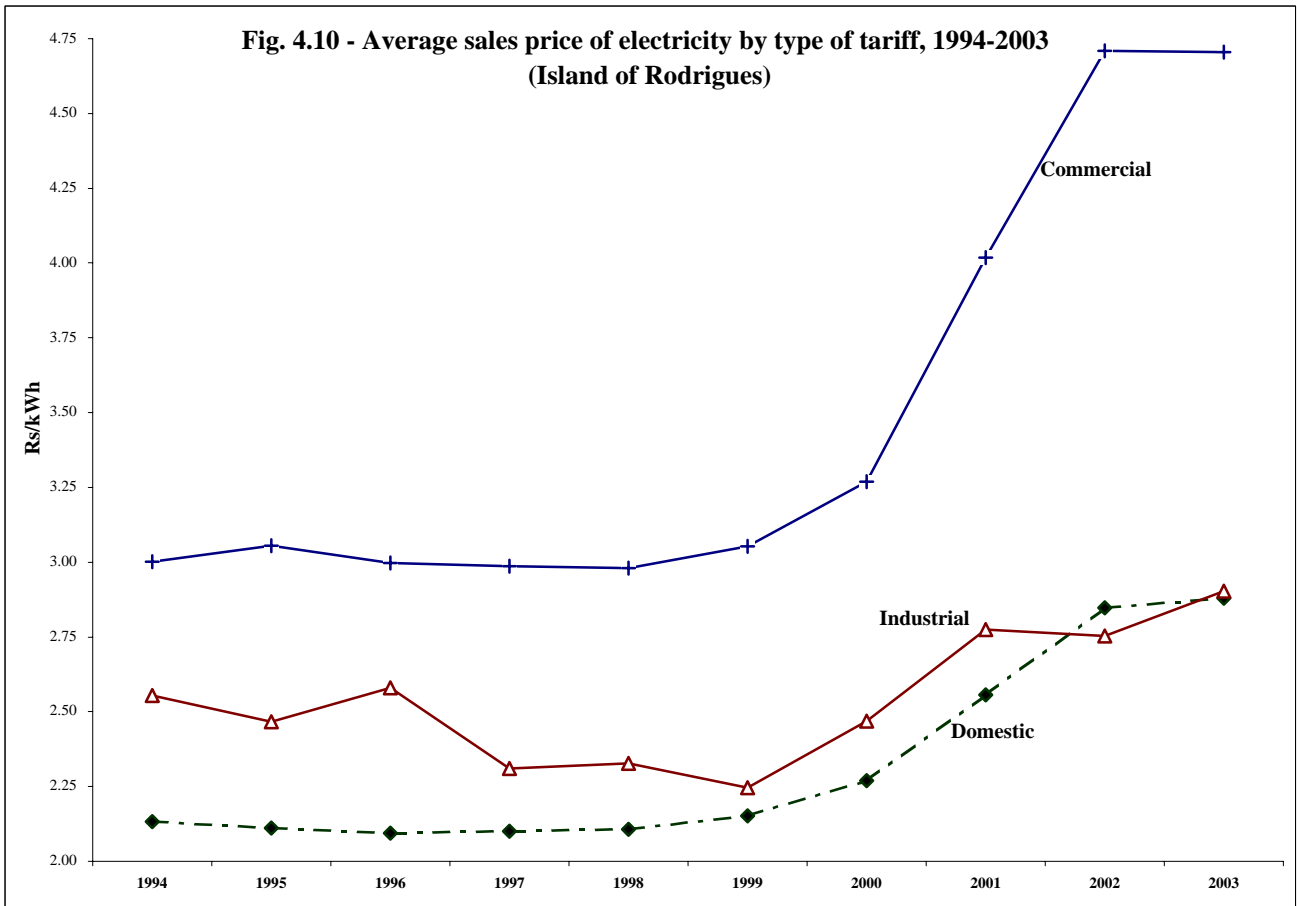


Table 4.9 - Sales of electricity by type of tariff, 1994 - 2003 (Island of Rodrigues)

Tariff group	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Number of consumers										
Domestic	6,898	7,077	7,388	7,686	8,010	8,371	8,634	8,727	8,954	9,136
Commercial	695	724	777	811	844	912	916	939	976	982
Industrial	98	98	108	105	103	109	129	143	184	161
Other	1	6	6	6	7	24	10	6	6	6
Total	7,692	7,905	8,279	8,608	8,964	9,416	9,689	9,815	10,120	10,285
GWh sold										
Domestic	5.2	5.9	6.6	7.5	8.5	9.3	9.8	10.8	11.4	12.0
Commercial	2.4	2.7	2.8	3.1	3.7	3.9	4.2	4.6	5.2	6.2
Industrial	1.1	1.3	1.6	1.6	1.6	1.7	1.3	1.2	1.3	1.4
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3
Total	8.6	9.9	11.0	12.2	13.9	14.9	15.6	16.8	18.2	19.8
Value sold (Rs.mn)										
Domestic	11.1	12.5	13.8	15.7	18.0	20.0	22.3	27.7	32.5	34.4
Commercial	7.2	8.1	8.4	9.4	11.2	11.9	13.7	18.4	24.6	29.3
Industrial	2.7	3.2	4.1	3.7	3.8	3.8	3.2	3.3	3.5	4.1
Other	0.0	0.0	0.0	0.0	0.1	0.0	0.7	0.8	1.0	1.1
Total	21.0	23.8	26.3	28.8	33.0	35.7	39.9	50.2	61.7	68.9
Average sales price (Rs./kWh)										
Domestic	2.13	2.11	2.10	2.10	2.11	2.15	2.27	2.56	2.85	2.88
Commercial	3.00	3.06	3.00	2.99	2.98	3.05	3.27	4.02	4.71	4.71
Industrial	2.55	2.47	2.58	2.31	2.33	2.25	2.47	2.77	2.75	2.90
Other	3.24	3.29	3.23	3.26	3.19	3.17	2.90	3.50	4.20	4.20
Average	2.43	2.41	2.40	2.36	2.37	2.40	2.57	2.98	3.40	3.47
Average no. of units per consumer (kWh)										
Domestic	751	834	891	975	1,065	1,110	1,137	1,243	1,274	1,309
Commercial	3,458	3,683	3,599	3,869	4,434	4,266	4,576	4,873	5,359	6,336
Industrial	10,733	13,114	14,714	15,065	15,862	15,496	10,180	8,242	6,902	8,727
Other	8,289	1,639	2,172	2,383	2,409	603	22,715	39,793	41,148	44,122
Average	1,124	1,247	1,326	1,420	1,553	1,581	1,605	1,716	1,794	1,930

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 ¹**

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 (97.2 %)	5,849 (2.7 %)	202 (0.1 %)	216,011 (100.0 %)	285,146 (98.9 %)	3,091 (1.1 %)	107 (0.0 %)	288,344 (100.0 %)
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 (96.2 %)	8,314 (3.7 %)	213 (0.1 %)	223,821 (100.0%)	293,747 (98.7 %)	3,796 (1.3 %)	128 (0.0 %)	297,671 (100.0 %)

¹ Excluding 30 homeless households with a population of 35

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

Geographical location	Principal fuel used for cooking						Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	
Housing and Population Census 1990¹							
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 (24.3 %)	2,577 (1.1 %)	50,000 (21.8 %)	3,427 (1.5 %)	117,229 (51.1 %)	555 (0.2 %)	229,447 (100.0 %)
Island of Rodrigues	4,011	10	1,262	200	1,779	16	7,278
Republic of Mauritius	59,670 (25.2 %)	2,587 (1.1 %)	51,262 (21.7 %)	3,627 (1.5 %)	119,008 (50.3 %)	571 (0.2 %)	236,725 (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 (4.0 %)	521 (0.2 %)	9,542 (3.3 %)	1,480 (0.5 %)	265,837 (91.9 %)	378 (0.1 %)	289,170 (100.0 %)
Island of Rodrigues	1,509	17	487	106	6,524	8	8,651
Agalega	2	-	-	-	58	-	60
Republic of Mauritius	12,923 (4.3 %)	538 (0.2 %)	10,029 (3.4 %)	1,586 (0.5 %)	272,419 (91.5 %)	386 (0.1 %)	297,881 (100.0 %)

¹ 'Other' includes 167 households where fuel used for cooking was not stated

² Including 5 households where fuel used for cooking was not stated

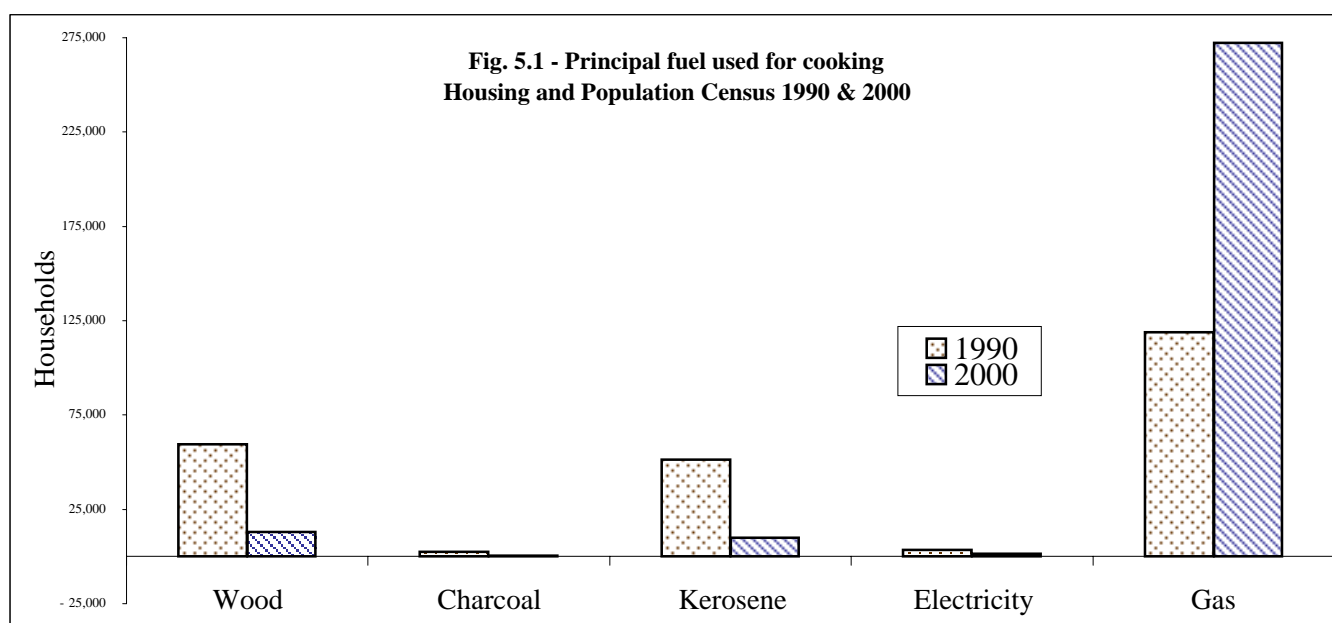
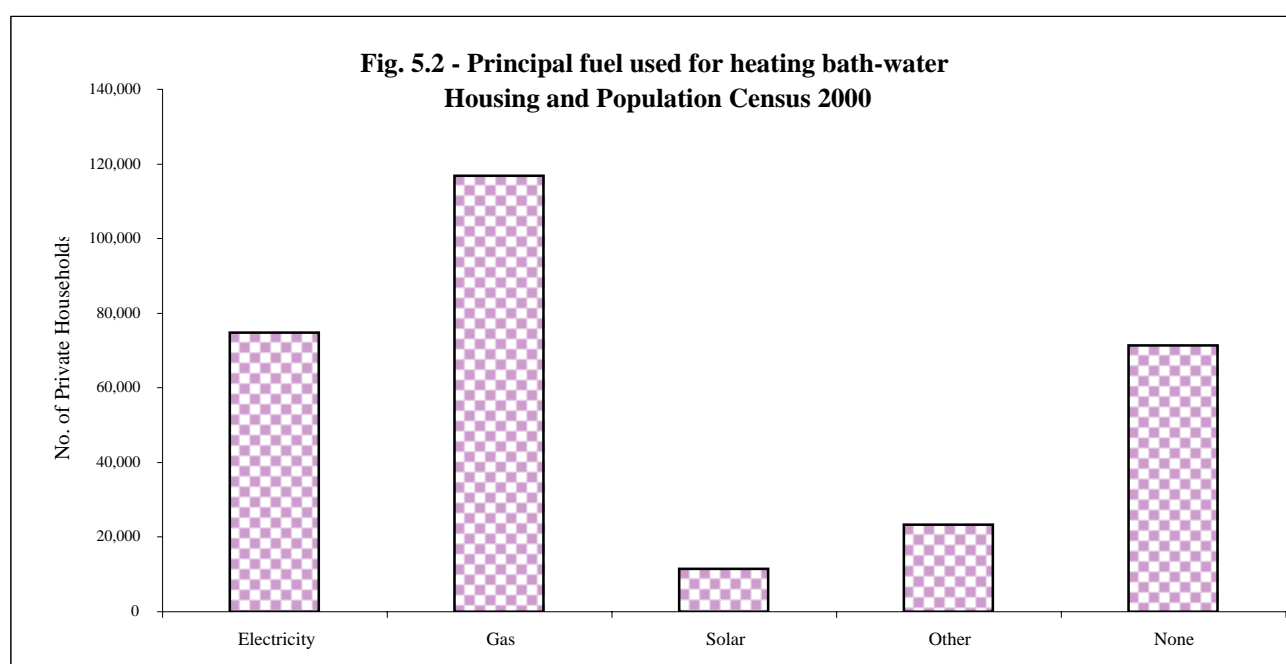


Table 5.3 - Private households by geographical location of residence and principal fuel used for heating bath-water¹ - Housing and Population Census 2000

Geographical location	Principal fuel used for heating bath-water					
	Electricity	Gas	Solar	Other	None ²	Total
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* , 1999-2003

	Unit	1999	2000	2001	2002	2003
Rainfall	Mm ³	2,184	3,749	3,527	3,905	4,006
Surface Runoff	Mm ³	1,311	2,249	2,116	2,343	2,403
Evapotranspiration	Mm ³	655	1,125	1,058	1,171	1,202
Net Recharge to Groundwater	Mm ³	218	375	353	391	401

Source : Water Resources Unit

Table 6.2 - Main water indicators, *Island of Mauritius* (1999 - 2003)

Details	Unit	1999	2000	2001	2002	2003
Mid-year population	thousand	1,140	1,151	1,164	1,174	1,186
Mean annual rainfall	Millimetres	1,171	2,010	1,891	2,082	2,148
Potable water produced	Mm ³	138	173	175	177	184
Potable water consumed	Mm ³	78	82	85	86	90
Potable water produced per capita per day	litres	332	411	411	413	425
Potable water consumed per capita per day	litres	188	196	200	201	207

Table 6.3 - Mean rainfall 1999-2003, *Island of Mauritius*

Millimetres

Period	Long Term Mean (1961-1990)	1999		2000		2001		2002		2003		Long Term Mean (1961-1990)	1999		2000		2001		2002		2003	
		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	725	48	1,150	76	1,185	79	1,166	77	1,325	88	2,636	1,376	52	2,265	86	2,362	90	2,537	96	2,533	168
Jan	235	42	18	245	104	207	88	358	152	103	44	328	49	15	408	124	396	121	546	166	181	77
Feb	243	160	66	237	98	157	65	56	23	237	98	322	193	60	356	111	219	68	99	31	424	174
Mar	189	57	30	114	60	136	72	190	101	139	74	309	160	52	274	89	198	64	284	92	212	112
Apr	171	33	19	108	63	236	138	67	39	316	185	292	101	35	145	50	535	183	253	87	434	254
May	104	54	52	58	56	56	54	83	80	139	134	214	54	25	139	65	123	57	192	90	258	248
Jun	86	79	92	72	84	30	35	71	83	60	70	175	89	51	181	103	149	85	234	134	187	217
Jul	83	95	114	80	96	47	57	100	120	77	93	194	213	110	83	43	125	64	202	104	319	384
Aug	76	53	70	70	92	36	47	61	80	70	92	160	148	93	249	156	121	76	212	133	111	146
Sep	49	56	114	25	51	58	118	19	39	78	159	114	109	96	59	52	154	135	56	49	214	437
Oct	48	9	19	58	121	69	144	39	81	21	44	104	62	60	154	148	114	110	70	67	47	98
Nov	67	17	25	47	70	12	18	20	30	56	84	138	44	32	108	78	57	41	51	37	100	149
Dec	156	70	45	36	23	141	90	102	65	29	19	286	154	54	109	38	171	60	338	118	46	29
Year		East											West									
	2,169	1,324	61	2,184	101	2,046	94	2,124	98	2,403	111	1,049	455	43	1,026	98	833	79	1,374	131	979	45
Jan	282	63	22	382	135	300	106	588	209	136	48	192	35	18	430	224	181	94	793	413	93	33
Feb	313	190	61	340	109	241	77	135	43	352	112	200	110	55	203	102	145	73	103	52	192	61
Mar	268	128	48	199	74	179	67	260	97	265	99	129	116	90	68	53	86	67	90	70	83	31
Apr	243	93	38	298	123	362	149	157	65	579	238	106	36	34	48	45	149	141	32	30	319	131
May	184	115	63	126	68	152	83	184	100	229	124	48	9	19	29	60	18	38	31	65	83	45
Jun	123	113	92	146	119	116	94	136	111	142	115	48	16	33	27	56	24	50	68	142	36	29
Jul	135	179	133	153	113	104	77	181	134	216	160	49	47	96	29	59	23	47	32	65	47	35
Aug	115	113	98	165	143	81	70	117	102	117	102	44	18	41	36	82	28	64	21	48	29	25
Sep	82	94	115	56	68	134	163	51	62	173	211	25	24	96	14	56	29	116	6	24	23	28
Oct	90	54	60	134	149	97	108	68	76	34	38	25	4	16	29	116	54	216	27	108	6	7
Nov	103	45	44	99	96	52	50	35	34	97	94	45	9	20	29	64	4	9	7	16	27	26
Dec	231	137	59	86	37	228	99	212	92	63	27	138	31	22	84	61	92	67	164	119	41	18

Source: Mauritius Meteorological Services

Table 6.3 - Mean rainfall 1999-2003, Island of Mauritius (cont'd)

Millimetres

Period	Long Term	1999		2000		2001		2002		2003		Long Term	1999		2000		2001		2002		2003	
	Mean (1961-1990)	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 (1961-1990)	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	1,724	60	2,865	100	2,413	84	2,930	102	3,018	106	2,110	1,171	55	2,010	95	1,891	90	2,082	99	2,148	102
Jan	400	87	22	544	136	339	85	804	201	197	49	295	59	20	409	139	297	101	602	204	142	48
Feb	416	258	62	485	117	247	59	174	42	490	118	308	187	61	337	109	216	70	118	38	358	116
Mar	350	208	59	330	94	166	47	313	89	269	77	258	137	53	202	78	163	63	242	94	204	79
Apr	296	127	43	199	67	469	158	209	71	521	176	231	83	36	180	78	364	158	151	65	454	197
May	197	95	48	144	73	143	73	247	125	354	180	155	66	43	106	68	107	69	157	101	218	141
Jun	175	105	60	182	104	172	98	207	118	195	111	125	83	66	128	102	100	80	144	115	128	102
Jul	188	282	150	218	116	158	84	200	106	315	168	133	168	126	126	95	99	74	151	114	208	156
Aug	183	154	84	260	142	175	96	218	119	163	89	120	103	86	161	134	93	78	129	108	105	88
Sep	125	127	102	79	63	152	122	63	50	245	196	83	86	104	49	59	138	166	43	52	150	181
Oct	119	58	49	152	128	128	108	87	73	65	55	82	40	49	138	168	96	117	63	77	36	44
Nov	129	68	53	152	118	60	47	87	67	119	92	99	40	40	90	91	40	40	43	43	86	87
Dec	281	155	55	120	43	204	73	321	114	85	30	221	119	54	84	38	178	81	239	108	59	27

Source: Mauritius Meteorological Services

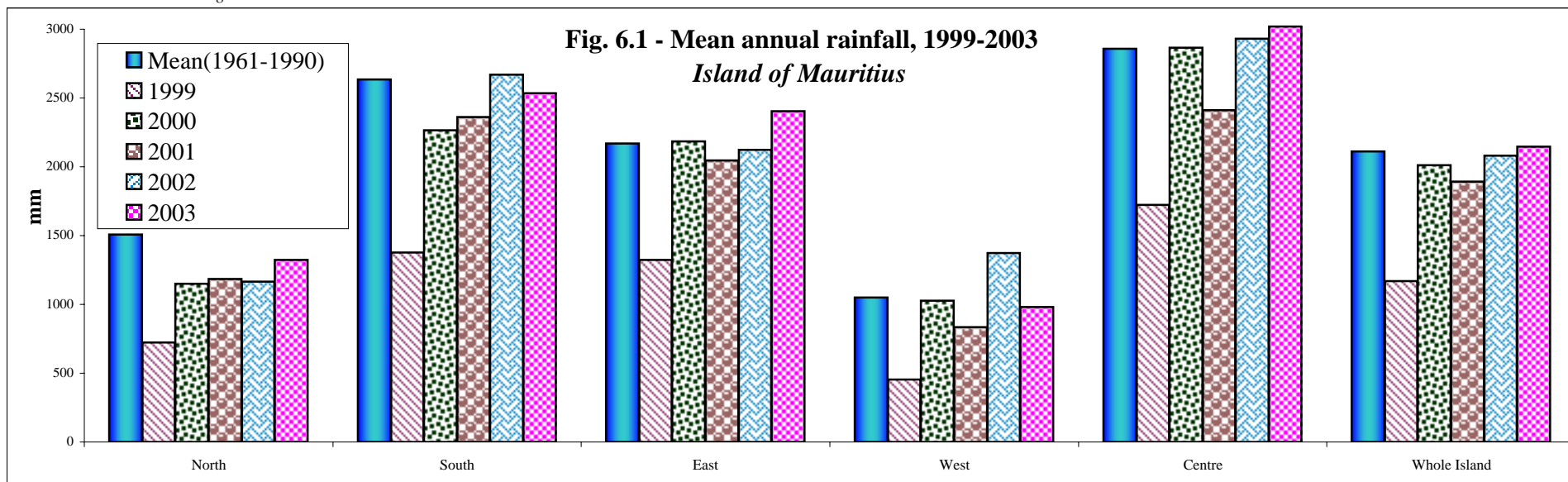


Table 6.4 - Mean rainfall 1999-2003, *Island of Rodrigues (Pte Canon only)**Millimetres*

Period	Long Term Mean (1961-1990)	1999		2000		2001		2002		2003	
		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	1,117	781	70	974	87	883	79	997	89	1,320	118
Jan	132	75	57	178	135	61	46	127	96	91	69
Feb	168	116	69	185	110	72	43	66	39	87	52
Mar	150	85	57	110	73	35	23	189	126	365	243
Apr	129	60	47	42	33	101	78	62	48	336	260
May	87	94	108	63	72	102	117	81	93	115	132
Jun	73	23	32	90	123	103	141	69	95	61	84
Jul	85	110	129	56	66	111	131	76	89	65	76
Aug	61	73	120	51	84	30	49	154	252	35	57
Sep	41	32	78	76	185	131	320	46	112	69	168
Oct	38	80	211	40	105	65	171	63	166	24	63
Nov	63	21	33	68	108	61	97	14	22	56	89
Dec	90	12	13	15	17	11	12	50	56	16	18

Source: Mauritius Meteorological Services

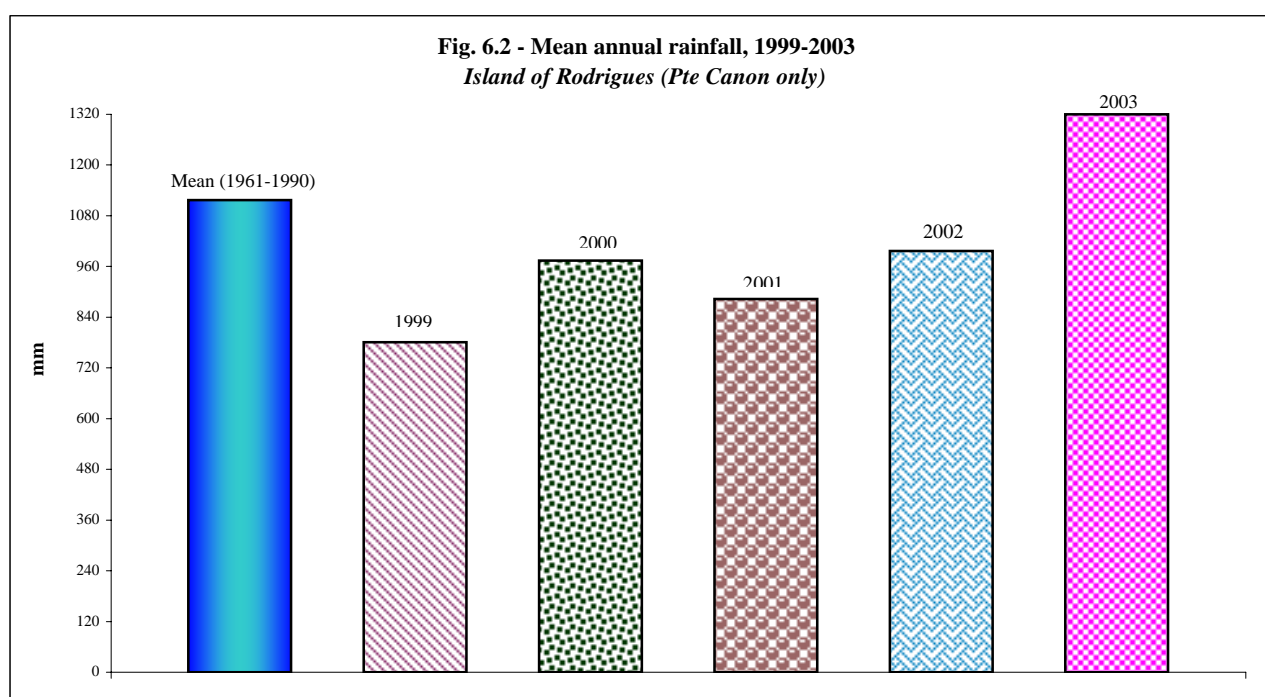


Table 6.5 - Percentage water level by month and reservoir, 1999 - 2003 (Island of Mauritius)

Period	Average for 1990-1999	1999			2000			2001			2002			2003		
		Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.
Mare aux Vacoas, 25.89 Mm³																
Jan	60	54	48	60	34	31	47	69	65	72	62	48	84	69	66	73
Feb	65	51	47	54	60	50	72	73	70	74	82	80	84	77	68	85
Mar	80	47	44	49	77	72	84	69	65	73	85	80	87	84	81	86
Apr	83	43	41	45	85	83	86	75	64	85	87	85	89	88	83	91
May	83	39	36	41	87	83	88	81	78	85	88	87	89	97	92	99
Jun	81	35	34	36	80	78	83	77	75	79	90	89	93	94	92	95
Jul	79	38	34	44	85	81	87	77	75	79	95	93	96	97	94	98
Aug	80	46	44	48	92	86	95	81	76	83	97	96	98	97	95	98
Sep	78	48	48	49	92	89	95	76	73	79	96	93	98	97	95	98
Oct	72	46	44	48	89	85	91	68	65	72	88	83	92	93	88	97
Nov	63	41	38	44	80	78	85	61	57	65	78	73	82	83	79	88
Dec	58	36	34	37	73	68	77	51	47	56	72	70	73	72	65	78
La Nicoliere, 5.26 Mm³																
Jan	63	17	15	20	43	37	66	64	39	100	78	28	100	40	36	44
Feb	75	33	15	41	97	73	100	97	91	100	97	93	100	68	45	93
Mar	91	55	41	72	100	100	100	100	99	100	99	96	100	93	84	100
Apr	92	66	55	74	100	99	100	100	99	100	90	78	98	100	97	100
May	95	60	55	62	99	92	100	98	95	100	72	61	79	98	89	100
Jun	94	73	63	81	80	74	91	89	82	99	79	63	91	67	38	88
Jul	93	92	81	99	94	78	100	90	84	95	98	92	100	55	28	96
Aug	94	99	99	100	100	100	100	98	90	100	99	96	100	79	52	100
Sep	89	94	86	100	90	76	100	84	73	91	84	55	98	48	29	82
Oct	69	67	48	85	69	58	75	50	40	71	38	31	54	69	50	92
Nov	46	38	32	46	42	34	56	41	34	44	25	19	31	75	63	91
Dec	39	32	26	37	50	42	57	26	23	33	31	20	40	69	49	88
Piton du Milieu, 2.99 Mm³																
Jan	64	49	40	59	69	64	100	67	60	75	74	40	100	69	65	74
Feb	72	46	38	49	100	99	100	75	74	76	99	99	100	90	74	100
Mar	88	45	39	49	100	99	100	75	72	76	99	98	100	99	97	100
Apr	89	46	45	47	99	96	100	90	71	100	98	95	100	100	98	100
May	91	47	46	47	98	96	100	96	92	99	98	95	99	100	98	100
Jun	86	49	47	49	89	83	95	95	92	99	99	98	100	97	94	99
Jul	83	59	49	78	88	83	91	95	93	98	99	98	100	99	98	100
Aug	83	88	80	92	98	91	100	97	93	100	99	97	100	99	97	100
Sep	81	92	91	93	92	86	99	87	81	93	96	88	99	97	95	100
Oct	73	87	83	91	80	72	85	71	65	80	80	74	88	89	79	97
Nov	60	77	71	83	65	61	72	58	50	64	66	58	73	70	64	79
Dec	57	69	67	71	63	60	64	43	39	49	59	55	67	54	45	64

Source: Water Resources Unit

Fig. 6.3 - Water level in each reservoir, 1999-2003 (Island of Mauritius)

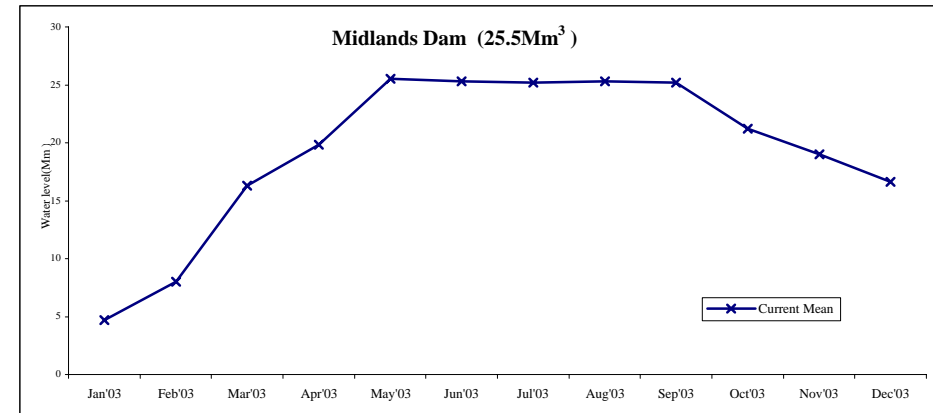
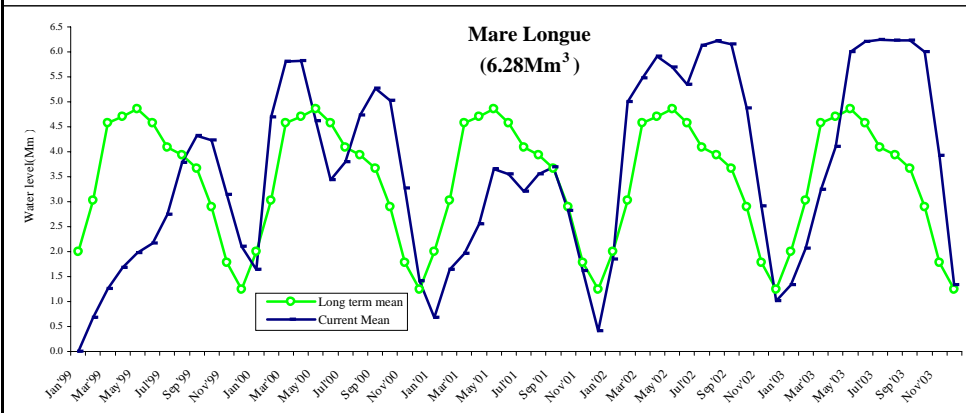
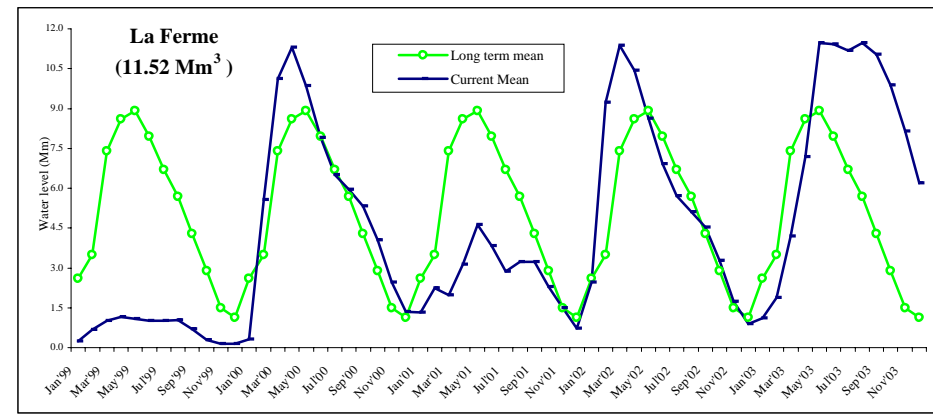
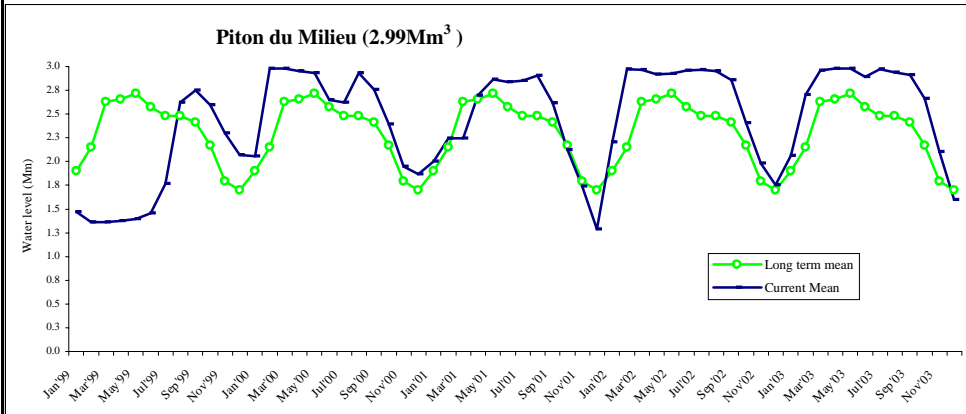
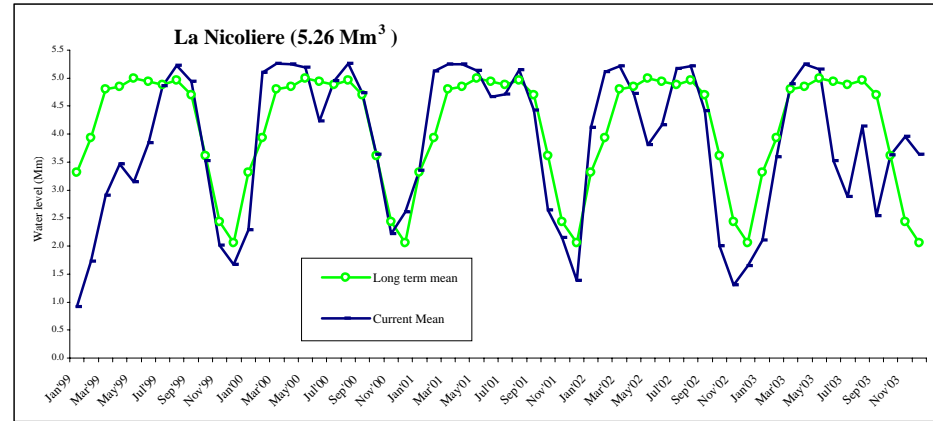
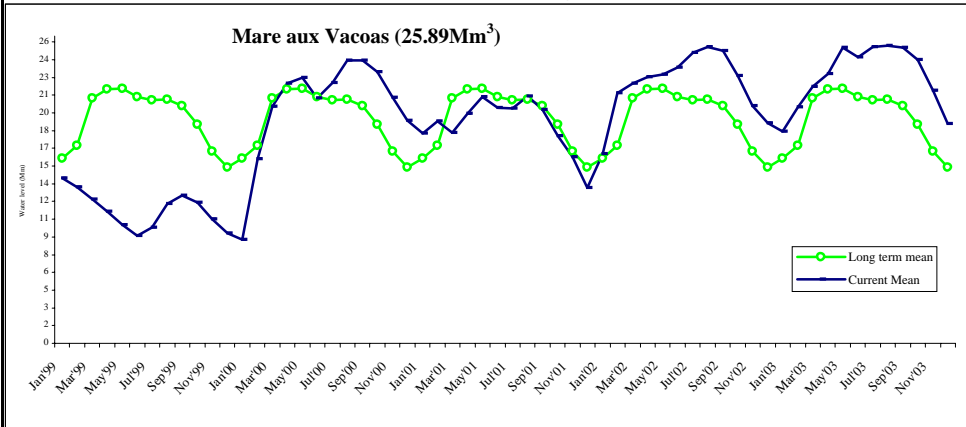


Table 6.5 - Percentage water level by month and reservoir, 1999- 2003 (cont'd)

%

Period	Average for 1990-1999	1999			2000			2001			2002			2003			
		Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	
La Ferme, 11.52 Mm³																	
Jan	23	2	1	3	3	1	18	12	9	17	21	3	55	10	9	11	
Feb	30	6	2	7	48	21	77	20	17	22	80	58	95	16	8	29	
Mar	64	9	6	11	88	79	100	17	14	20	99	95	100	36	30	43	
Apr	75	10	10	10	98	93	100	27	13	46	91	83	98	62	43	92	
May	77	10	9	10	86	78	92	40	37	44	75	66	82	100	94	100	
Jun	69	9	9	9	69	62	77	33	29	37	60	54	66	99	96	100	
Jul	58	9	9	10	57	52	61	25	22	28	50	46	54	97	94	100	
Aug	49	9	8	10	52	48	53	28	22	30	44	42	46	99	98	100	
Sep	37	6	4	8	46	42	49	28	25	29	39	35	43	96	93	98	
Oct	25	3	2	4	35	29	41	20	17	25	29	21	35	86	80	93	
Nov	13	1	1	2	21	16	28	13	10	17	15	10	21	71	63	79	
Dec	10	1	1	1	12	9	15	6	4	10	8	5	10	54	44	62	
Mare Longue, 6.28 Mm³																	
Jan	32	0	0	0	26	23	51	11	5	18	29	3	76	21	19	22	
Feb	48	11	0	13	75	57	93	26	18	32	80	76	84	33	16	47	
Mar	73	20	13	24	93	87	99	31	28	33	87	83	90	52	48	57	
Apr	75	27	24	30	93	83	99	41	27	56	94	90	97	65	57	74	
May	77	31	30	33	73	61	83	58	57	61	91	82	96	96	76	100	
Jun	73	35	33	36	55	50	60	57	54	61	85	82	93	99	98	100	
Jul	65	44	36	55	61	54	66	51	47	54	98	93	99	100	98	100	
Aug	63	60	55	65	75	66	83	56	47	59	99	99	99	99	98	100	
Sep	58	69	65	72	84	83	85	59	54	61	98	94	99	99	98	100	
Oct	46	67	59	72	80	67	87	45	35	53	78	62	93	96	85	99	
Nov	28	50	42	59	52	39	66	26	16	35	46	27	61	63	43	84	
Dec	20	33	26	41	22	9	38	7	1	15	16	11	25	21	4	42	
All reservoirs (excluding Midlands Dam) , 51.94 Mm³																	
Jan	49	32	28	36	29	26	46	48	42	56	51	30	79	47	45	49	
Feb	56	34	27	37	65	50	80	58	55	60	84	77	89	58	47	70	
Mar	77	36	31	40	85	80	92	56	53	59	91	86	93	71	69	74	
Apr	82	36	34	39	91	87	93	64	52	75	90	85	93	81	74	91	
May	83	34	32	36	87	81	90	71	69	75	84	80	88	97	92	99	
Jun	79	34	32	35	75	71	80	67	64	71	82	78	87	93	89	96	
Jul	75	39	34	45	77	71	80	65	62	67	86	83	88	93	88	98	
Aug	73	47	45	49	82	77	85	69	63	71	86	84	87	96	92	99	
Sep	68	49	47	50	81	77	84	65	60	68	82	76	86	92	90	95	
Oct	58	43	39	47	73	67	78	53	48	60	68	61	76	89	86	94	
Nov	46	35	31	39	59	54	66	44	39	48	54	47	60	76	70	85	
Dec	41	29	27	32	50	45	56	33	29	38	46	43	50	60	50	70	
Year 2003		Period			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Midlands Dam , 25.5 Mm³		Mean			24	49	70	90	100	100	99	100	100	94	81	69	
		Min.			19	31	64	78	100	99	99	99	99	99	83	74	65
		Max.			31	63	78	100	100	100	100	100	100	100	99	83	74

Source: Water Resources Unit

Table 6.6 - Average Monthly Potable Water Production (Mm³) from treatment plants and boreholes to distribution systems, 1999-2003 (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																						
1999	18.5	4.8	23.3	2.2	18.8	21.1	17.5	7.2	24.7	9.3	17.2	26.4	9.1	13.7	22.8	7.3	12.7	20.0	63.7	74.4	138.2	46%	54%
Jan	1.9	0.4	2.3	0.6	1.8	2.4	1.7	0.7	2.4	0.8	1.8	2.6	0.7	1.0	1.7	0.8	1.0	1.8	6.5	6.7	13.3	49%	51%
Feb	1.9	0.4	2.3	0.6	1.5	2.1	1.6	0.7	2.2	0.8	1.8	2.7	0.8	1.0	1.8	0.8	0.9	1.7	6.4	6.3	12.7	50%	50%
Mar	1.7	0.3	2.1	0.5	1.8	2.2	1.8	0.8	2.7	1.0	1.7	2.7	0.9	1.1	2.0	0.9	1.0	1.9	6.8	6.7	13.5	50%	50%
Apr	1.8	0.4	2.2	0.1	1.7	1.8	1.7	0.7	2.4	0.7	1.6	2.3	0.8	1.2	2.0	0.5	1.2	1.7	5.6	6.8	12.4	45%	55%
May	1.6	0.4	2.0	0.0	1.6	1.6	1.6	0.6	2.2	0.7	1.5	2.2	0.8	1.2	2.0	0.5	1.2	1.6	5.1	6.5	11.6	44%	56%
Jun	1.3	0.4	1.7	0.1	1.5	1.6	1.3	0.6	1.9	0.6	1.3	1.9	0.7	1.1	1.9	0.5	1.1	1.6	4.6	6.0	10.5	43%	57%
Jul	0.9	0.3	1.2	0.1	1.3	1.3	1.2	0.4	1.6	0.6	1.1	1.7	0.6	1.0	1.6	0.4	1.0	1.4	3.7	5.0	8.7	43%	57%
Aug	1.2	0.5	1.6	0.1	1.6	1.7	1.6	0.6	2.2	0.8	1.3	2.1	0.8	1.2	2.0	0.6	1.2	1.8	5.0	6.4	11.4	44%	56%
Sep	1.3	0.5	1.7	0.1	1.6	1.6	1.6	0.6	2.1	0.8	1.2	2.0	0.7	1.2	1.9	0.6	1.1	1.7	5.0	6.1	11.1	45%	55%
Oct	1.6	0.5	2.1	0.1	1.5	1.5	1.1	0.5	1.6	0.8	1.3	2.1	0.8	1.3	2.1	0.6	1.1	1.6	5.0	6.1	11.1	45%	55%
Nov	1.6	0.4	2.0	0.1	1.4	1.5	1.1	0.5	1.6	0.8	1.2	2.0	0.8	1.2	1.9	0.6	1.0	1.6	4.9	5.6	10.5	47%	53%
Dec	1.6	0.4	2.1	0.1	1.6	1.6	1.3	0.6	1.9	0.8	1.3	2.1	0.8	1.2	2.0	0.6	1.0	1.6	5.1	6.1	11.2	45%	55%
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%

Source: Central Water Authority

Table 6.6- Average Monthly Potable Water Production (Mm³) from treatment plants and boreholes to distribution systems, 1999-2003 (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																							
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%	
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%	

Source: Central Water Authority

Table 6.6 - Average Monthly Potable Water Production (Mm³) from treatment plants and boreholes to distribution systems, 1999-2003 (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	
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

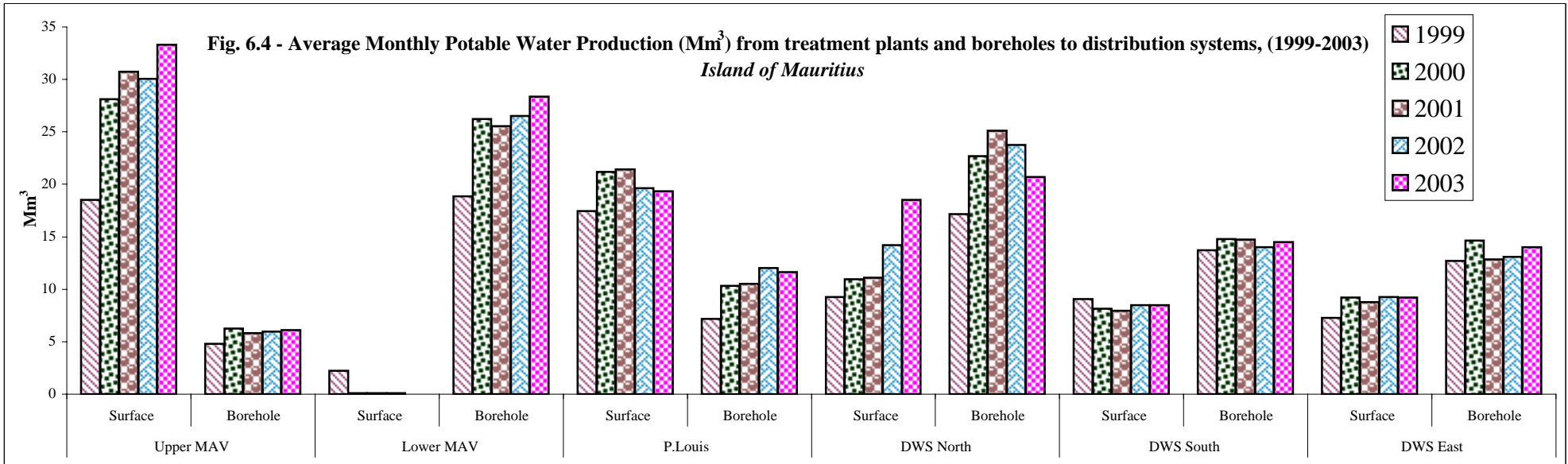


Table 6.7 - Water sales by type of tariff of subscriber, 1999 - 2003 (Island of Mauritius)

Type of tariff	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
	No. of subscribers					% distribution of subscribers				
Domestic	223,572	231,425	237,524	243,689	250,752	93.5	93.7	93.8	93.8	93.8
Government	3,322	3,368	3,474	3,538	3,614	1.4	1.4	1.4	1.4	1.4
Acquired / concessionary prizes	49	51	47	48	48	0.0	0.0	0.0	0.0	0.0
Commercial	9,330	9,176	9,237	9,233	9,455	3.9	3.7	3.6	3.6	3.5
Hotels, Guest Houses	178	182	187	191	192	0.1	0.1	0.1	0.1	0.1
Industrial	782	782	781	766	762	0.3	0.3	0.3	0.3	0.3
Sub total	237,233	244,984	251,250	257,465	264,823	99.2	99.2	99.2	99.1	99.1
Vegetable & Livestock producers	1,633	1,743	1,831	2,009	2,164	0.7	0.7	0.7	0.8	0.8
Total potable water	238,866	246,727	253,081	259,474	266,997	99.9	99.9	99.9	99.9	99.9
Total non-treated water (agriculture/Industrial)	220	228	228	231	253	0.1	0.1	0.1	0.1	0.1
Grand Total	239,086	246,955	253,309	259,705	267,250	100.0	100.0	100.0	100.0	100.0
	Volume sold (thousand m ³)					% Consumption				
Domestic	62,003	65,254	67,054	67,618	70,253	68.2	68.1	65.9	67.1	67.7
Government	3,264	3,457	3,789	4,026	4,228	3.6	3.6	3.7	4.0	4.1
Acquired / concessionary prizes	27	22	20	21	23	0.0	0.0	0.0	0.0	0.0
Commercial	4,594	4,833	5,034	5,186	5,573	5.1	5.0	4.9	5.1	5.4
Hotels, Guest Houses	3,093	3,324	3,624	3,492	3,644	3.4	3.5	3.6	3.5	3.5
Industrial	4,327	4,603	4,679	4,727	4,988	4.8	4.8	4.6	4.7	4.8
Sub total	77,308	81,494	84,200	85,069	88,708	85.1	85.0	82.7	84.4	85.5
Vegetable & Livestock producers	973	887	946	1,023	1,103	1.1	0.9	0.9	1.0	1.1
Total potable water	78,281	82,381	85,146	86,093	89,812	86.1	86.0	83.6	85.4	86.5
Total non-treated water (agriculture/Industrial)	12,591	13,438	16,664	14,693	13,993	13.9	14.0	16.4	14.6	13.5
Grand Total	90,872	95,819	101,810	100,786	103,805	100.0	100.0	100.0	100.0	100.0
	Amount collectible Rs.(000)					Average sales price (Rs)				
Domestic	277,926	421,171	433,857	441,618	505,750	4.55	4.48	6.45	6.47	6.53
Government	38,745	64,335	66,398	71,328	77,117	11.02	11.87	18.61	17.52	17.72
Acquired / concessionary prizes	67	101	5,650	129	169	2.48	2.46	4.66	5.84	6.30
Commercial	52,973	73,336	74,797	78,993	92,332	11.42	11.53	15.17	14.58	15.23
Hotels, Guest Houses	42,226	82,167	86,348	90,494	106,544	13.65	13.65	24.72	24.41	25.91
Industrial	45,360	64,354	57,220	65,799	74,734	10.47	10.48	13.98	13.24	13.92
Sub total	457,297	705,463	724,271	748,360	856,645	5.96	5.92	8.66	8.60	8.80
Vegetable & Livestock producers	7,349	7,159	7,503	7,993	8,615	7.46	7.56	8.07	7.93	7.81
Total potable water	464,646	712,622	731,774	756,354	865,260	5.97	5.94	8.65	8.59	8.79
Total non-treated water (agriculture/Industrial)	18,188	18,340	16,740	23,788	38,420	1.53	1.44	1.36	1.00	1.62
Grand Total	482,835	730,962	748,515	780,142	903,680	5.44	5.31	7.63	7.35	7.74

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

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	77,031	12,196	389	510	7,530	22	229,367
	(57.4%)	(33.6%)	(5.3%)	(0.2%)	(0.2%)	(3.3%)	(0.0%)	(100.0%)
Island of Rodrigues	849	2,317	1,265	19	2,582	236	-	7,268
Republic of Mauritius	132,538	79,348	13,461	408	3,092	7,766	22	236,635
	(56.0%)	(33.5%)	(5.7%)	(0.2%)	(1.3%)	(3.3%)	(0.0%)	(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	-	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	38,862	1,113	133	96	2,754	7	289,170
	(85.1%)	(13.4%)	(0.4%)	(0.0%)	(0.0%)	(1.0%)	(0.0%)	(100.0%)
Island of Rodrigues	3,163	4,270	359	67	410	382	-	8,651
Agalega	-	-	-	-	-	60	-	60
Republic of Mauritius	249,368	43,132	1,472	200	506	3,196	7	297,881
	(83.7%)	(14.5%)	(0.5%)	(0.1%)	(0.2%)	(1.1%)	(0.0%)	(100.0%)

Fig. 7.1 - Water supply as at Housing Census 1990 and 2000

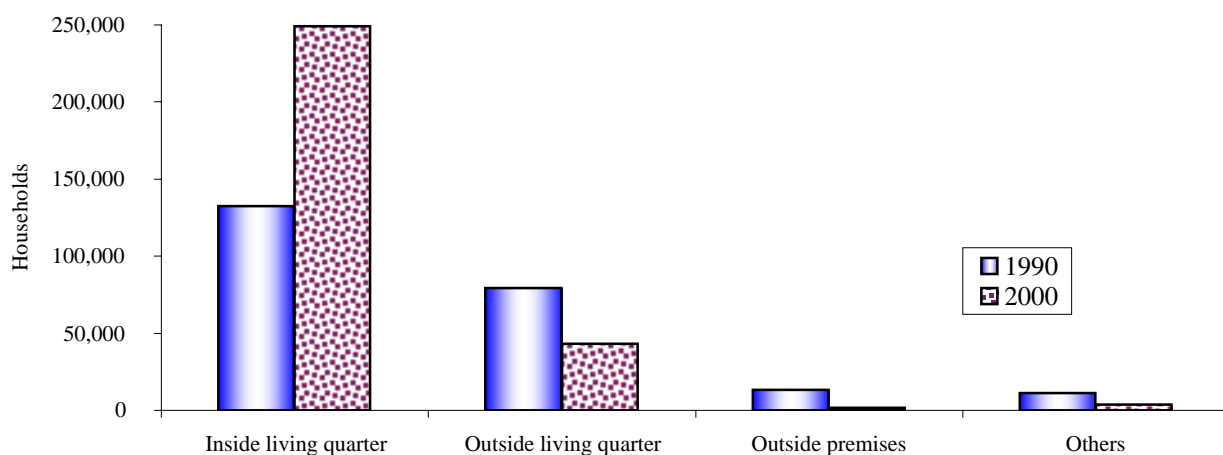


Table 7.2 - Private households by geographical location of residence and availability of water tank and connection to sewerage system
- Housing and Population Census 2000

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 <i>(36.4%)</i>	183,857 <i>(63.6%)</i>	79 <i>(0.0%)</i>	289,170 <i>(100.0%)</i>	58,452 <i>(20.2%)</i>	230,718 <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 <i>(36.4%)</i>	189,249 <i>(63.5%)</i>	85 <i>(0.0%)</i>	297,881 <i>(100.0%)</i>	58,478 <i>(19.6%)</i>	239,403 <i>(80.4%)</i>