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ENERGY AND WATER  
STATISTICS - 2007**



# DIGEST OF ENERGY AND WATER STATISTICS - 2007

## FOREWORD

This is the tenth issue of a regular publication of the Central Statistics Office on energy and water statistics. It presents latest statistics on energy for the years 1998 to 2007, and on water for the period 2003 to 2007. All data refer to the Republic of Mauritius, unless otherwise specified and 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 Central Electricity Board, the Central Water Authority and several other public and private organisations. The co-operation and assistance of all these organisations are gratefully acknowledged.

This publication, together with other publications of the Central Statistics Office, is available on the website <http://statsmauritius.gov.mu>.

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## Symbols & abbreviations

-	Nil
...	Not available
000	Thousand
m <sup>3</sup>	Cubic metres
max	Maximum
min	Minimum
mm	Millimetres
Mm <sup>3</sup>	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



## Glossary

### Energy sector

Bagasse	A cellulosic residue left after sugar is extracted from sugar cane. It is mostly used as a fuel within the sugar milling factories.
Bunkers	Refer to the amount of fuels delivered to ocean-going ships or aircraft of all flags engaged in international traffic. Deliveries to ships engaged in transport in inland and coastal waters, or to aircraft engaged in domestic flights, are not included.
Calorific values	The energy content of a fuel is equivalent to the heat released on complete combustion of the fuel.
Capacity	The maximum power available from a power station at a point in time: <ul style="list-style-type: none"> <li>- <i>Installed capacity</i>: The nameplate capacity of the generator set.</li> <li>- <i>Plant capacity</i>: The net capacity measured at the terminals of the stations, i.e. after deduction of the power absorbed by the auxiliary installations and the losses in the station transformers.</li> <li>- <i>Effective capacity</i>: It is the plant capacity less any amount of derated capacity from the install capacity.</li> </ul>
Charcoal	Comprises the solid residue obtained by the destructive distillation of wood in the absence of air.
Coal	Fossil fuel that has a high degree of coalification, with a gross calorific value over 24MJ/kg (5700 Kcal/kg) on an ash-free but moist basis.
Conversion factors	Factors used to convert quantities from original physical units into a common accounting unit for the purpose of aggregating diverse energy sources. The 'tonne of oil equivalent' (toe) has been adopted as the accounting unit.
Diesel Oil	Consists primarily of medium oil distilling between 180 <sup>0</sup> C and 380 <sup>0</sup> C.
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.
Energy Balance	Shows in a consistent accounting framework, the production, transformation and final consumption of all forms of energy for a given geographical area and a given period of time, with quantities expressed in terms of a single accounting unit for purposes of comparison and aggregation. The energy balance thus presents an overview of the energy produced and consumed in a system, matching input and output for a specific time period, usually a year.
Energy unit	Express fuel and energy in energy content. The International System of Units (SI unit) of energy is the Joule. Historically the 'tonne of coal equivalent' was used, but with ascendance of oil, this has been largely replaced by the 'tonne of oil equivalent' (toe), defined as '1.868 gigajoules.

Final Energy Consumption	<p>Energy consumption by final user- i.e. energy which is <b>not</b> being used for transformation into other forms of energy. The <b>consumption</b> by sector is presented as follows:</p> <p><b>Agriculture:</b> Energy used for irrigation and by other agricultural equipments;</p> <p><b>Commercial and distributive trade:</b> Energy consumed by the business and commercial sector;</p> <p><b>Household:</b> Consumption of energy by households;</p> <p><b>Manufacturing:</b> Consumption in industry and construction; and</p> <p><b>Transport:</b> Includes consumption by land vehicles, ships and local aircrafts.</p>
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 the energy stored up inside them.
Fuel wood	The term 'fuel wood' embraces all forms of woody material.
Fuel Oils	The heavy oils from the refining process and used as fuel in power stations. It is also commonly used by ships and industrial large-scale heating boilers installations as a fuel in furnaces or boilers.
Gasolene	Comprises a mixture of relatively volatile hydrocarbons with or without small quantities of activities, which have been blended to form a fuel suitable for use in spark-ignition internal combustion engines.
Gross Domestic Product (GDP)	It represents the aggregate money value of all goods and services produced within a country out of economic activity during a specified period, usually a year, before provision for the consumption of fixed capital.
Gigawatt hour (GWh)	Unit of electrical energy, equal to 0.0036 terajoules (TJ).
Hydro	Energy derived from the potential and kinetic energy content of water
Imports	Refer to amount of fuels obtained from other countries.
Indigenous production	Comprises hydro electricity, fuel wood, bagasse and electricity from wind generation.
IPP (Independent Power Producers)	Undertakings which, in addition to their main activities, themselves produce (individually or in combination) electric energy intended, in whole or in part, to meet their own needs and for sale to the CEB.
Jet fuel Kerosene-type	Refers to medium oils meeting the required properties for use in jet engines and aircraft-turbine engines.
Kerosene (exlc. Jet fuel type)	A medium oil distilling between 150 <sup>0</sup> C and 300 <sup>0</sup> C and which is used in sectors other than aircraft transport.
Kilowatt hour (kWh)	It is a precise measure of heat and work. 1kWh=3.6 x 10 <sup>6</sup> joules
Liquefied petroleum Gas (LPG)	Consists mainly of propane or butane, derived from oil. It is normally liquefied under pressure for transportation and storage. It is often used to power cooking stoves or heaters and to fuel some types of vehicle.

Losses (Distribution loss)	Comprise losses in transmission and distribution of electric energy and losses in transformers, which are <i>not</i> considered as integral parts of the power stations.
Megawatt (MW)	A unit of electrical power, equal to $10^6$ watts, i.e 1000kW
Own use (Station use and loss)	Included are consumption by station auxiliaries and losses in transformers, which are considered as integral parts of the power stations.
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 forms of energy. By convention, sources of energy that occur naturally such as coal, natural gas, fuelwood are termed primary energy.
Primary energy requirement	It is the sum of imported fuels and locally available fuels less re-exports to bunkers after adjusting for stock changes.
Production	Comprises gross production, i.e., the amount of electric energy produced, including that consumed by station auxiliaries and any losses in transformers that are considered integral parts of the power station.
Renewables or Renewable sources of energy	Renewables are natural resources that, after exploitation, can return to their previous stock levels by natural processes of growth or replenishment. Conditionally renewable resources are those whose exploitation eventually reaches a level beyond which regeneration will become impossible. Such is the case with the clear-cutting of tropical forests.
Secondary energy	Secondary energy designates energy from all sources of energy that results from transformation of primary sources. e.g charcoal from fuelwood.
Statistical differences	This is the difference between calculated and observed inland consumption.
Solar	Energy derived from solar radiation directly by photovoltaic effect, or indirectly by thermal transformation.
Stock change/Statistical error	This is the difference between calculated and observed inland consumption.
Thermal plants	Comprises of conventional thermal plants of all types, whether or not equipped for the combined generation of heat and electric energy. They include steam-operated generating plants and plants using internal combustion engines or gas turbines.
Thermal sources of electricity	These include coal, oil and bagasse.
Transformation	Those fuels used directly in producing other fuels.
Watt (W)	The conventional unit to measure a rate of flow of energy. One watt amounts to 1 Joule per second.

Wind energy	Energy derived from the action of the wind.
<b>Water</b>	
Water Balance	The water balance is based on long term records of annual average rainfall and indicates how freshwater resources are distributed.
Evapotranspiration	Combined loss of water by evaporation from the soil or surface.
Surface runoff	The flow of surface water, from rainfall, which flows directly to streams, rivers, lakes and the sea.
Groundwater recharge	Process by which water is added from outside to fresh water found beneath the earth surface.
1mm rainfall	1 litre of rainwater per square metre of surface area.

\* \* \* \* \*

### 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, namely the 'tonne 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
Fuelwood	1	0.38
Charcoal	1	0.74
	GWh	toe
Hydro/Wind	1	86
Electricity	1	86

\* 1 toe = 41.84 gigajoule (net calorific value)

\* \* \* \* \*



## ENERGY AND WATER STATISTICS, 2007 – An overview

### Introduction

This issue of the 'Digest of Energy and Water Statistics, 2007' covers the period 1998 to 2007 for energy statistics, and the years 2003 to 2007 for water statistics. The figures have been compiled in close collaboration with the Ministry of Public Utilities, the Central Electricity Board, the Central Water Authority, the petroleum companies, the Independent Power Producers and the Meteorological Services. All data refer to the Republic of Mauritius, unless otherwise specified. Some of the figures, given in the text below, have been rounded off for easy interpretation.

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

## 2. Energy

### 2.1 The energy balance

The energy balance (Tables 1.1 & 1.2) shows the supply and final uses of electricity and the different types of fuel in the national economy. Total primary energy requirement is obtained as the sum of indigenous production (hydro, fuelwood and bagasse) and imports less re-exports and bunkering, after stock adjustments. Final energy consumption is the total amount of energy required by end users as a final product. End-users are categorised into six sectors, namely manufacturing, transport, commercial and distributive trade, households, agriculture and other.

In order to compare the energy content of the different fuels, a common accounting unit, namely, tonne of oil equivalent (toe) is used. The conversion factors are given on page 12.

### 2.2 Primary energy requirement

The total primary energy requirement of the country increased by only 0.4%, from 1,377 ktoe in 2006 to 1,384 ktoe in 2007 (Table 2.1). Of this, imported fuels (petroleum products and coal) accounted for 82.1% (1,136 ktoe) while locally available sources supplied the remaining 17.9% (248 ktoe).

Contrary to previous years, imported petroleum products in 2007 decreased. It went down from 822 Ktoe in 2006 to 781 ktoe in 2007. The petroleum products comprised mainly fuel oil (32.3%), diesel (26.6%), aviation fuel (18.4%) and gasoline (13.7%).

In 2007, coal reached 355 ktoe, which showed a 18.2% increase over the 300 ktoe of 2006. This increase of coal in the primary energy requirements was partly due to the coming into operation, in April 2007, of the 'Compagnie Thermique de Savannah Limitée' (CTSav), an Independent Power Producer which generates electricity from coal and bagasse.

The local production (248 ktoe) comprised renewables including bagasse (93.9%), hydro electricity (2.9%) and fuelwood (3.2%).

The total primary energy requirement index, with 1990 as base year (1990 = 100), witnessed a slight change, moving from 188.4 in 2006 to 189.4 in 2007 while the per capita primary energy requirement stood at 1.10 toe, as in 2006 (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. As shown in Table 1.3, energy intensity, which was 1.66 in 2006, went down to 1.58 in 2007. A lower ratio usually reflects a more efficient use of energy.

### **2.2.1 Local production**

Total energy production from local renewable sources fell by 3.5% from 255 ktoe in 2006 to 248 ktoe in 2007. This was primarily due to a lower production of bagasse. Thus generation from bagasse decreased from 240 ktoe to 232 ktoe. However, production of hydroelectricity increased from 6.6 ktoe in 2006 to 7.2 ktoe in 2007. (Table 2.1)

### **2.2.2 Imports of energy sources**

Data on imports of energy sources show that some 1,482 ktoe of petroleum products and coal were imported in 2007 compared to 1,338 ktoe in 2006, representing an increase of 10.7%. Petroleum products increased from 1,034 ktoe to 1,080 ktoe (+4.5%) while coal increased from 304 ktoe to 402 ktoe (+32.2%)(Table 2.3). As a result of ascending prices of petroleum products and coal, the import bill was 15% higher in 2007, Rs 21,639 million against Rs 18,822 million in 2006 (Table 2.5).

### **2.2.3 Re-exports and bunkering**

Of the 1,482 ktoe of imported energy sources in 2007, about 314 ktoe (21.2%) were supplied to foreign vessels and aircraft. Re-exports consisted of 121 ktoe of aviation fuel (38.7%), 120 ktoe of diesel oil (38.1%), and 73 ktoe of fuel oil (23.2%). The following changes were noted compared to the previous year: Aviation fuel +17%, Fuel Oil +54%, Diesel -3%, overall +14%. (Table 2.6).

## **2.3 Electricity**

### **2.3.1 Electricity Generation**

Some 2,465 GWh (212 ktoe) of electricity was generated in 2007 as compared with 2,350 GWh (202 ktoe) in 2006, representing an increase of 4.9 %. The Independent Power Producers (IPPs) supplied 59.3 % of the electricity generated while the Central Electricity Board (CEB), only 40.7%. Thermal energy represented 96.6% and hydro/wind the remaining 3.4%. The peak demand in 2007 was 367.6 MW in the Island of Mauritius, showing a slight change over previous year's 367.3 MW, while that of the Island of Rodrigues reached 5.9 MW. (Tables 3.1 – 3.6).

It is to be noted that in 2007 the share of electricity produced for sales by Independent Power Producers (55%) exceeded that of CEB for the first time, with the contribution of the new IPP, the 'Compagnie Thermique de Savannah Limitée'.

### **2.3.2 Fuel input for electricity generation**

The different types of fuel used for electricity generation are shown in Table 3.7. The mix of fuels used to generate electricity continues to evolve with fuel oil and kerosene decreasing, coal going up and bagasse almost remaining at the same level. The overall increase was 5% with 675 ktoe in 2006 and 707 ktoe in 2007. The major components of the fuel input were coal (48.4%), fuel oil (27.3%) and bagasse (23.8%).

### **2.33 Electricity sales**

Electricity sold increased by 5.1% from 1,880 GWh in 2006 to 1,975 GWh in 2007. The average sales price of electricity went up by 4.2 % from Rs 3.60 per kWh to Rs 3.75 per kWh during the same period (Table 4.7).

The consumption of electricity per capita per annum stood at 1,567 kWh in 2007 compared to 1,501 kWh in 2006 (Table 1.3).

## **2.4 Final energy consumption**

Final energy consumption decreased by 2.1% from 876 ktoe in 2006 to 858 ktoe in 2007. Transport and Manufacturing were the two largest energy-consuming sectors accounting for 46.9% and 30.1% of energy consumed respectively. They were followed by Residential (12.4%), Commercial and Distributive Trade (7.4%) and Agriculture (0.6%). The details on the different types of fuel consumed by each sector and the respective amounts are given in Tables 4.1 – 4.6.

### **2.4.1 Manufacturing**

Energy used for manufacturing processes decreased by 2.5% from 271 ktoe in 2006 to 264 ktoe in 2007. The contribution of electricity was 76 ktoe, bagasse, 64 ktoe, fuel oil, 58 ktoe and diesel oil, 49 ktoe.

### **2.4.2 Transport**

In 2007, some 411 ktoe of energy were used for transportation, representing a decrease of 3.5% over last year. Consumption of gasoline increased from 96 ktoe to 107 ktoe (11%) while that of diesel oil decreased from 175 ktoe to 153 ktoe (-12.6%). Consumption of aviation fuel was 147 ktoe in 2006 compared with 144 ktoe in 2007 while the use of LPG in the transport sector decreased slightly, from 7.4 ktoe in 2006 to 7.2 ktoe in 2007.

### **2.4.3 Residential**

Energy consumed by households in 2007 was almost the same as that of 2006, 109 ktoe. The two main sources of energy for households were electricity and LPG, representing 50.8% and 41.8% respectively of total energy consumed by households. Consumption of electricity increased by 4.1% whilst that of LPG by 1.2%.

### **2.4.4 Commercial and Distributive Trade**

Total energy consumption by “Commercial and Distributive Trade” sector rose by 4% only, from 62.7 ktoe in 2006 to 65.2 ktoe in 2007. In this sector, electricity consumption increased from 50 ktoe to 53 ktoe (+6.2%) while LPG from 12.4 ktoe to 11.8 ktoe (-4.5%).

### **2.4.5 Agriculture**

Energy consumption in Agriculture increased slightly from 4.8 ktoe in 2006 to 4.9 ktoe in 2007. Electricity and diesel were the only two sources of energy used in this sector. In 2007, about 2.4 ktoe of electricity were used mainly for irrigation and 2.5 ktoe of diesel oil were used mainly for derocking of land and for the preparation of soil prior to plantation.

## **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 2007, the Island of Mauritius registered 3,644 million of cubic metres (Mm<sup>3</sup>) of rainfall. Some 1,093 Mm<sup>3</sup> of water was lost through evapotranspiration, while surface run-off and ground water recharge were 2,186 Mm<sup>3</sup> and 364 Mm<sup>3</sup> respectively.

### **3.2 Rainfall**

Table 6.6 shows the amount of rainfall recorded around the island of Mauritius. During the year 2007, the mean amount of rainfall recorded around was 1,954 millimetres, a 2% increase compared with 1,914 millimetres registered in 2006. February was the wettest month, registering a mean rainfall of 572 mm whereas November was the driest month with a mean rainfall of only 45mm.

For the Island of Rodrigues, the mean rainfall registered in 2007 was 945 millimetres compared with 1,189 in 2006. February recorded the highest amount of rainfall with 315 mm and November the least with 7 mm. (Table 6.7)

### 3.3 Water storage level

In 2007, the minimum and maximum percentage water storage level of the different reservoirs was as follows:

Reservoir	Minimum (%)	Maximum (%)
Mare aux Vocoas	40 (Dec)	100 (Mar)
La Nicoliere	42 (Dec)	100 (Feb - Apr)
Piton du Milieu	48 (Dec)	100 (Feb,Mar,Jun)
La Ferme	13 (Jan)	100 (Mar, Apr)
Mare Longue	32 (Jan)	100 (Feb, Mar)
Midlands Dam	36 (Dec)	100 (Feb - Jun)

The mean water level, in 2007 for all reservoirs combined together (excluding Midlands Dam) varied from 40% to 99% (Table 13). It is to be noted that the mean water level is computed as the average level during a month while the normal is the long term mean averaged over the period 1990 to 1999.

### 3.4 Water production

In 2007 potable water treated by the different treatment plants totalled to 206 Mm<sup>3</sup>, a 10% increase compared with 187 Mm<sup>3</sup> in 2006. During the same year, average water production from surface and ground water represented 48.9% and 51.1% respectively (Table 6.9).

### 3.5 Water sales and revenue collectible

Total volume of water sold increased from 108.6 Mm<sup>3</sup> in 2006 to 110.6 Mm<sup>3</sup> in 2007 (+1.8%). In 2007, potable water made up 86.0% of the volume sold and the remaining 14% consisted of non-treated water. Water for domestic consumption amounted to 73 Mm<sup>3</sup>, accounting for nearly 66% of the total volume of water sold (Table 6.10).

The amount of revenue collectible for the year 2007 amounted to Rs 1,004.5 million, that is an increase of 2.5% over the amount of Rs 979.8 million for 2006 (Table 15).

\* \* \* \* \*



## Section I

### Energy balance & Main indicators

Table 1.1 - Energy balance, 2007

Flow	Source	Tonnes of oil equivalent (toe)													Total					
		Coal		Petroleum products						Renewables						Electricity				
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum Products	Fuelwood	Charcoal	Hydro	Wind	Bagasse	Total Renewables						
Local production	-	-	-	-	-	-	-	-	-	-	-	8,001	-	7,212	34	232,482	247,729	-	247,729	
Imports	401,625	106,098	310,560	273,132	3,872	320,581	67,745	1,079,988	-	-	-	-	-	-	-	-	-	-	1,481,613	
Re-exports and bunkering	-	-	(119,537)	(121,438)	-	(72,649)	-	(313,623)	-	-	-	-	-	-	-	-	-	-	-	(313,623)
Stock change / Statistical error	(46,615)	2,757	16,347	(8,066)	(1,475)	3,959	1,106	14,628	-	-	-	-	-	-	-	-	-	-	-	(31,987)
<b>Total Primary Energy Requirement</b>	<b>355,010</b>	<b>106,855</b>	<b>207,371</b>	<b>143,628</b>	<b>2,397</b>	<b>251,892</b>	<b>68,851</b>	<b>780,994</b>	<b>8,001</b>	<b>-</b>	<b>7,212</b>	<b>34</b>	<b>232,482</b>	<b>247,729</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,383,732</b>	
Public electricity generation plant	-	-	(2,774)	-	(1,109)	(193,747)	-	(197,631)	-	-	(7,212)	(34)	-	(7,246)	86,269	-	-	86,269	(118,608)	
Autoproducer plants	(342,632)	-	-	-	-	-	-	-	-	-	-	-	(168,379)	(168,379)	125,691	-	-	125,691	(385,320)	
Other transformation	-	-	-	-	-	-	-	-	(810)	394	-	-	-	(416)	-	-	-	-	(416)	
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,543)	(3,543)	
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(18,345)	(18,345)	
<b>Total Final Consumption</b>	<b>12,378</b>	<b>106,855</b>	<b>204,597</b>	<b>143,628</b>	<b>1,288</b>	<b>58,144</b>	<b>68,851</b>	<b>583,363</b>	<b>7,190</b>	<b>394</b>	<b>-</b>	<b>-</b>	<b>64,103</b>	<b>71,688</b>	<b>190,072</b>	<b>-</b>	<b>-</b>	<b>190,072</b>	<b>857,501</b>	
Manufacturing sector	12,378	-	48,819	-	-	58,144	4,393	111,357	542	-	-	-	64,103	64,645	75,649	-	-	75,649	264,029	
Transport sector	-	106,855	153,297	143,628	-	-	7,164	410,944	-	-	-	-	-	-	-	-	-	-	410,944	
Commercial and distributive trade sector	-	-	-	-	-	-	11,801	11,801	-	301	-	-	-	301	53,144	-	-	53,144	65,246	
Residential	-	-	-	-	1,288	-	45,455	46,743	6,649	93	-	-	-	6,742	55,295	-	-	55,295	108,780	
Agriculture	-	-	2,481	-	-	-	-	2,481	-	-	-	-	-	-	2,424	-	-	2,424	4,905	
Other	-	-	-	-	-	-	38	38	-	-	-	-	-	-	3,560	-	-	3,560	3,598	

Note: figures in brackets represent negative quantities



Table I.2 - Energy balance, 2006<sup>1</sup>

Source Flow	Tonne of oil equivalent (toe)															
	Coal	Petroleum products						Renewables					Electricity	Total		
		Gasoline	Diesel	Aviation Fuel	Kerosene	Fuel Oil	I.P.G	Total Petroleum Products	Fuelwood	Charcoal	Hydro	Wind			Bagasse	Total Renewables
Local production	-	-	-	-	-	-	-	-	-	-	6,591	35	240,026	254,618	-	254,618
Imports	304,001	95,990	330,767	245,404	6,267	292,215	63,463	1,034,106	-	-	-	-	-	-	-	1,338,107
Re-exports and bunkering	-	-	(123,536)	(104,034)	-	(47,138)	-	(274,708)	-	-	-	-	-	-	-	(274,708)
Stock change / Statistical error	(3,642)	256	23,328	5,326	(266)	28,176	5,568	62,388	-	-	-	-	-	-	-	58,746
<b>Total Primary Energy Requirement</b>	<b>300,359</b>	<b>96,246</b>	<b>230,558</b>	<b>146,695</b>	<b>6,001</b>	<b>273,253</b>	<b>69,031</b>	<b>821,786</b>	<b>7,966</b>	<b>-</b>	<b>6,591</b>	<b>35</b>	<b>240,026</b>	<b>254,618</b>	<b>-</b>	<b>1,376,763</b>
Public electricity generation plant	-	-	(2,556)	-	(1,921)	(217,479)	-	(221,957)	-	-	(6,591)	(35)	-	(6,626)	95,127	(133,456)
Autoproducer plants	(286,926)	-	-	-	-	-	-	-	-	-	-	-	(165,856)	(165,856)	106,992	(345,790)
Other transformation	-	-	-	-	-	-	-	-	(784)	382	-	-	-	(402)	-	(402)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,631)	(3,631)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(17,187)	(17,187)
<b>Total Final Consumption</b>	<b>13,433</b>	<b>96,246</b>	<b>228,002</b>	<b>146,695</b>	<b>4,080</b>	<b>55,774</b>	<b>69,031</b>	<b>599,829</b>	<b>7,181</b>	<b>382</b>	<b>-</b>	<b>-</b>	<b>74,170</b>	<b>81,733</b>	<b>181,301</b>	<b>876,296</b>
Manufacturing sector	13,433	-	50,265	-	-	55,774	4,282	110,321	542	-	-	-	74,170	74,712	72,343	270,808
Transport sector	-	96,246	175,426	146,695	-	-	7,438	425,805	-	-	-	-	-	-	-	425,805
Commercial and distributive trade sector	-	-	-	-	-	-	12,351	12,351	-	291	-	-	-	291	50,036	62,678
Residential	-	-	-	-	4,080	-	44,927	49,007	6,640	91	-	-	-	6,731	53,138	108,875
Agriculture	-	-	2,312	-	-	-	-	2,312	-	-	-	-	-	-	2,471	4,783
Other	-	-	-	-	-	-	33	33	-	-	-	-	-	-	3,314	3,347

<sup>1</sup> Revised

Note: figures in brackets represent negative quantities

Table 1.3 - Main energy indicators, 1998 - 2007

Details	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>	2007 <sup>2</sup>
Total primary energy requirement	ktoe	1,007.7	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,376.8	1,383.7
<i>Imported</i>	ktoe	707.2	778.9	849.0	901.2	898.8	956.3	980.1	1,030.5	1,122.1	1,136.0
<i>Local</i>	ktoe	300.5	220.6	264.1	280.9	258.6	266.5	275.7	262.6	254.6	247.7
Total primary energy requirement index (1990 = 100)		137.9	136.8	152.3	161.8	158.4	167.3	171.8	177.0	188.4	189.4
Annual increase	%	+6.8	-0.8	+11.4	+6.2	-2.1	+5.7	+2.7	+3.0	+6.5	+0.5
Import dependency	%	70.2	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5	82.1
GDP in 1990 rupees	Rs. Million	59,662	61,332	66,607	70,071	71,542	74,618	78,872	79,818	82,931	87,409
GDP index (1990 = 100)		150.6	154.8	168.1	176.8	180.5	188.3	199.0	201.4	209.3	220.6
Energy intensity	toe per Rs. 100,000 GDP	1.69	1.63	1.67	1.69	1.62	1.64	1.59	1.62	1.66	1.58
Mid-year population	thousand	1,160	1,175	1,187	1,200	1,210	1,223	1,233	1,243	1,253	1,260
Per capita primary energy requirement	toe	0.87	0.85	0.94	0.99	0.96	1.00	1.02	1.04	1.10	1.10
Per capita final energy consumption	toe	0.63	0.59	0.63	0.65	0.63	0.67	0.68	0.68	0.70	0.68
Per capita consumption of electricity sold	kWh	1,026	1,059	1,158	1,222	1,248	1,330	1,382	1,430	1,501	1,567

<sup>1</sup> Revised

<sup>2</sup> Provisional

## Section II

### Primary energy requirement

Table 2.1 - Primary energy requirement , 1998- 2007

Energy source	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
	<b>Physical unit (Thousand tonne or GWh)</b>										
<b>Imported</b>											
Gasolene	88.6	89.5	92.0	87.7	87.5	89.2	90.4	92.7	89.1	98.9	
Diesel Oil	155.1	165.0	189.4	188.7	196.8	208.8	213.8	212.1	228.3	205.3	
Dual Purpose Kerosene	148.7	148.2	130.8	137.9	122.8	141.8	162.3	165.1	146.8	140.4	
<i>Kerosene</i>	59.1	51.0	22.7	13.2	13.9	68.1	25.3	27.5	5.8	2.3	
<i>Aviation Fuel</i>	89.5	97.1	108.1	124.7	109.0	123.6	137.0	137.6	141.1	138.1	
Fuel Oil	221.5	239.6	224.5	246.0	241.1	260.1	269.9	263.8	284.6	262.4	
LPG	40.4	43.4	46.3	47.1	48.6	51.7	54.9	60.9	63.9	63.8	
Coal	70.7	136.6	253.0	299.2	312.8	316.2	289.3	363.8	484.5	572.6	
<b>Local</b>											
Hydro/Wind	GWh	105	30	96	71	86	118	123	115.3	77.1	84.3
Bagasse <sup>1</sup>		1,767.0	1,314.4	1,553.3	1,671.5	1,524.4	1,557.0	1,611.2	1,531.9	1,500.2	1,433.0
Fuelwood <sup>1</sup>		23.2	20.2	19.3	19.3	19.2	19.1	19.3	20.0	21.0	21.1
		<b>Energy unit (ktoe)</b>									
<b>Imported</b>											
Gasolene	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	
Diesel Oil	156.7	166.6	191.3	190.6	198.7	210.9	216.0	214.2	230.6	207.4	
Dual Purpose Kerosene	154.6	154.1	136.0	143.4	127.7	147.4	168.8	171.7	152.7	146.0	
<i>Kerosene</i>	61.5	53.1	23.6	13.8	14.4	18.9	26.3	28.6	6.0	2.4	
<i>Aviation Fuel</i>	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6	
Fuel Oil	212.7	230.0	215.5	236.1	231.4	249.7	259.1	253.3	273.3	251.9	
LPG	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7	69.0	68.9	
<b>Sub total (Petroleum products)</b>	<b>663.3</b>	<b>694.2</b>	<b>692.2</b>	<b>715.7</b>	<b>704.8</b>	<b>760.2</b>	<b>800.7</b>	<b>805.0</b>	<b>821.8</b>	<b>781.0</b>	
Coal	43.9	84.7	156.9	185.5	193.9	196.0	179.4	225.6	300.4	355.0	
<b>Sub total (Imported)</b>	<b>707.2</b>	<b>778.9</b>	<b>849.0</b>	<b>901.2</b>	<b>898.8</b>	<b>956.3</b>	<b>980.1</b>	<b>1,030.5</b>	<b>1,122.1</b>	<b>1,136.0</b>	
<b>Local</b>											
Hydro / Wind	9.0	2.6	8.2	6.1	7.4	10.1	10.6	9.9	6.6	7.2	
Bagasse <sup>1</sup>	282.7	210.3	248.5	267.4	243.9	249.1	257.8	245.1	240.0	232.5	
Fuelwood <sup>1</sup>	8.8	7.7	7.3	7.3	7.3	7.3	7.3	7.6	8.0	8.0	
<b>Sub total (Local)</b>	<b>300.5</b>	<b>220.6</b>	<b>264.1</b>	<b>280.9</b>	<b>258.6</b>	<b>266.5</b>	<b>275.7</b>	<b>262.6</b>	<b>254.6</b>	<b>247.7</b>	
<b>Total</b>	<b>1,007.7</b>	<b>999.5</b>	<b>1,113.1</b>	<b>1,182.0</b>	<b>1,157.3</b>	<b>1,222.8</b>	<b>1,255.8</b>	<b>1,293.2</b>	<b>1,376.8</b>	<b>1,383.7</b>	
		<b>Percentage (%)</b>									
<b>Imported</b>											
Gasolene	9.5	9.7	8.9	8.0	8.2	7.9	7.8	7.7	7.0	7.7	
Diesel Oil	15.5	16.7	17.2	16.1	17.2	17.3	17.2	16.6	16.7	15.0	
Dual Purpose Kerosene	15.3	15.4	12.2	12.1	11.0	12.1	13.4	13.3	11.1	10.6	
<i>Kerosene</i>	6.1	5.3	2.1	1.2	1.2	1.5	2.1	2.2	0.4	0.2	
<i>Aviation Fuel</i>	9.2	10.1	10.1	11.0	9.8	10.5	11.3	11.1	10.7	10.4	
Fuel Oil	21.1	23.0	19.4	20.0	20.0	20.4	20.6	19.6	19.8	18.2	
LPG	4.3	4.7	4.5	4.3	4.5	4.6	4.7	5.1	5.0	5.0	
<b>Sub total (Petroleum products)</b>	<b>65.8</b>	<b>69.5</b>	<b>62.2</b>	<b>60.5</b>	<b>60.9</b>	<b>62.2</b>	<b>63.8</b>	<b>62.2</b>	<b>59.7</b>	<b>56.4</b>	
Coal	4.4	8.5	14.1	15.7	16.8	16.0	14.3	17.4	21.8	25.7	
<b>Sub total (Imported)</b>	<b>70.2</b>	<b>77.9</b>	<b>76.3</b>	<b>76.2</b>	<b>77.7</b>	<b>78.2</b>	<b>78.0</b>	<b>79.7</b>	<b>81.5</b>	<b>82.1</b>	
<b>Local</b>											
Hydro/Wind	0.9	0.3	0.7	0.5	0.6	0.8	0.8	0.8	0.5	0.5	
Bagasse <sup>1</sup>	28.1	21.0	22.3	22.6	21.1	20.4	20.5	19.0	17.4	16.8	
Fuelwood <sup>1</sup>	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
<b>Sub total (Local)</b>	<b>29.8</b>	<b>22.1</b>	<b>23.7</b>	<b>23.8</b>	<b>22.3</b>	<b>21.8</b>	<b>22.0</b>	<b>20.3</b>	<b>18.5</b>	<b>17.9</b>	
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	

<sup>1</sup> estimates

Fig 2.1 - Primary energy requirement by main energy sources, 1998-2007

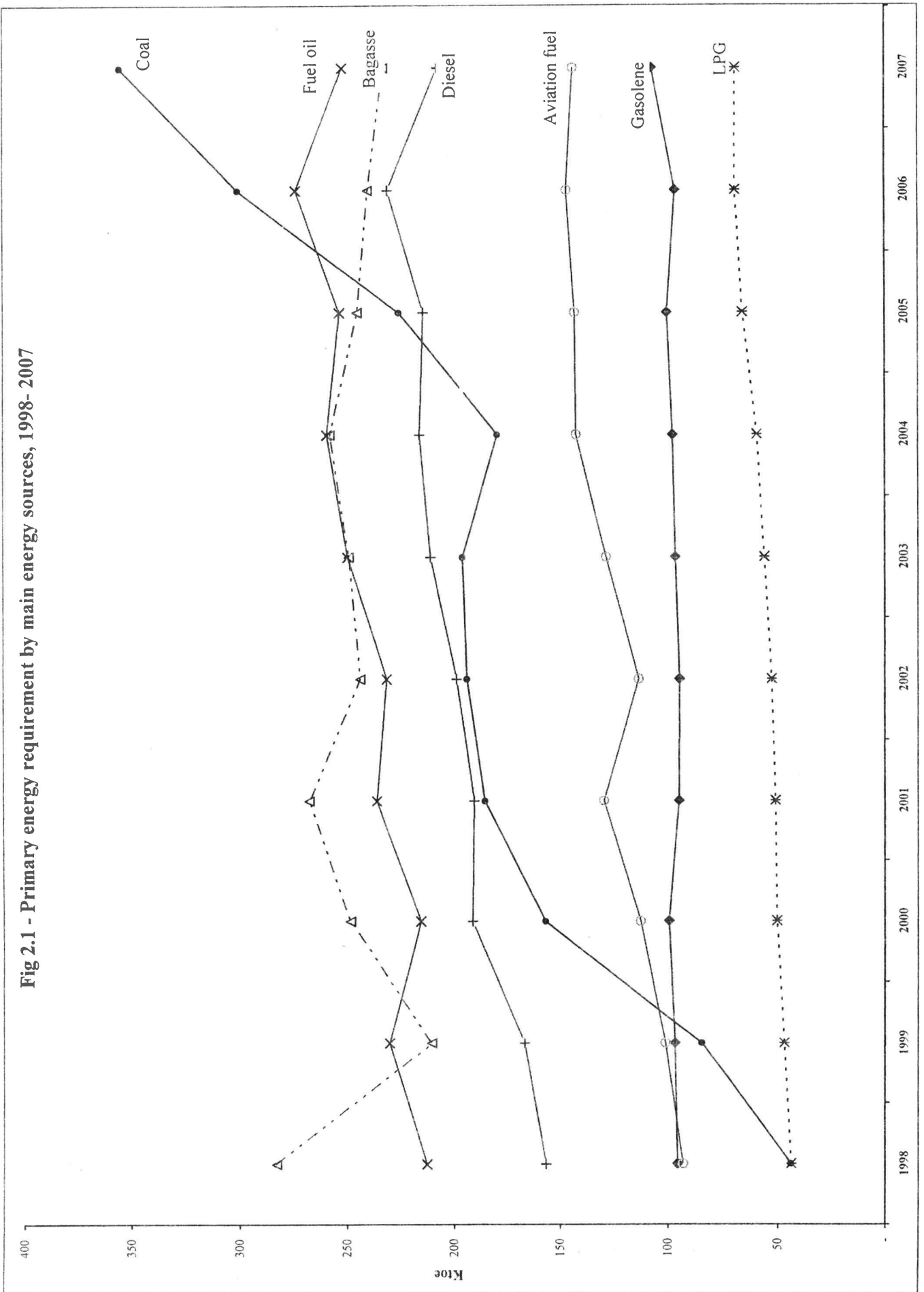


Table 2.2 - Imports of energy sources (Physical unit), 1998- 2007

Energy source	Thousand tonne									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Gasolene	86.9	92.7	89.8	86.8	80.3	86.8	87.7	86.8	88.9	96.4
Diesel oil	282.7	295.6	339.7	338.0	346.4	309.2	319.7	329.9	327.5	307.5
Dual Purpose Kerosene	206.4	231.9	217.4	214.2	225.5	227.7	256.8	248.0	242.0	266.4
<i>Kerosene</i>	54.1	44.2	27.4	12.0	14.3	20.2	29.8	27.9	6.0	3.7
<i>Aviation Fuel</i>	152.3	187.7	190.0	202.2	211.1	207.5	227.0	220.1	236.0	262.6
Fuel oil	274.1	246.3	218.8	275.1	208.6	288.0	288.8	337.5	304.4	333.9
LPG	44.7	43.6	47.3	43.9	54.1	48.8	53.8	62.7	58.8	62.7
Coal	86.3	128.9	222.4	347.5	312.0	289.4	331.8	379.3	490.3	647.8

Table 2.3 - Imports of energy sources (Energy unit), 1998 - 2007

Energy source	ktoe									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Gasolene	93.8	100.2	97.0	93.7	86.7	93.7	94.7	93.7	96.0	104.1
Diesel oil	285.6	298.5	343.1	341.4	349.9	312.3	322.9	333.2	330.8	310.6
Dual Purpose Kerosene	214.7	241.2	226.1	222.7	234.5	236.8	267.1	257.9	251.7	277.0
<i>Kerosene</i>	56.3	45.9	28.4	12.5	14.9	21.0	31.0	29.0	6.3	3.9
<i>Aviation Fuel</i>	158.4	195.2	197.6	210.3	219.6	215.8	236.1	228.9	245.4	273.1
Fuel oil	263.2	236.4	210.0	264.1	200.2	276.5	277.3	324.0	292.2	320.6
LPG	48.2	47.1	51.1	47.4	58.4	52.7	58.1	67.7	63.5	67.7
<b>Sub total (Petroleum products)</b>	<b>905.5</b>	<b>923.3</b>	<b>927.3</b>	<b>969.4</b>	<b>929.7</b>	<b>972.1</b>	<b>1,020.1</b>	<b>1,076.5</b>	<b>1,034.1</b>	<b>1,080.0</b>
Coal	53.5	79.9	137.9	215.4	193.5	179.4	205.7	235.1	304.0	401.6
<b>Total imports</b>	<b>959.0</b>	<b>1,003.2</b>	<b>1,065.2</b>	<b>1,184.8</b>	<b>1,123.2</b>	<b>1,151.5</b>	<b>1,225.8</b>	<b>1,311.7</b>	<b>1,338.1</b>	<b>1,481.6</b>

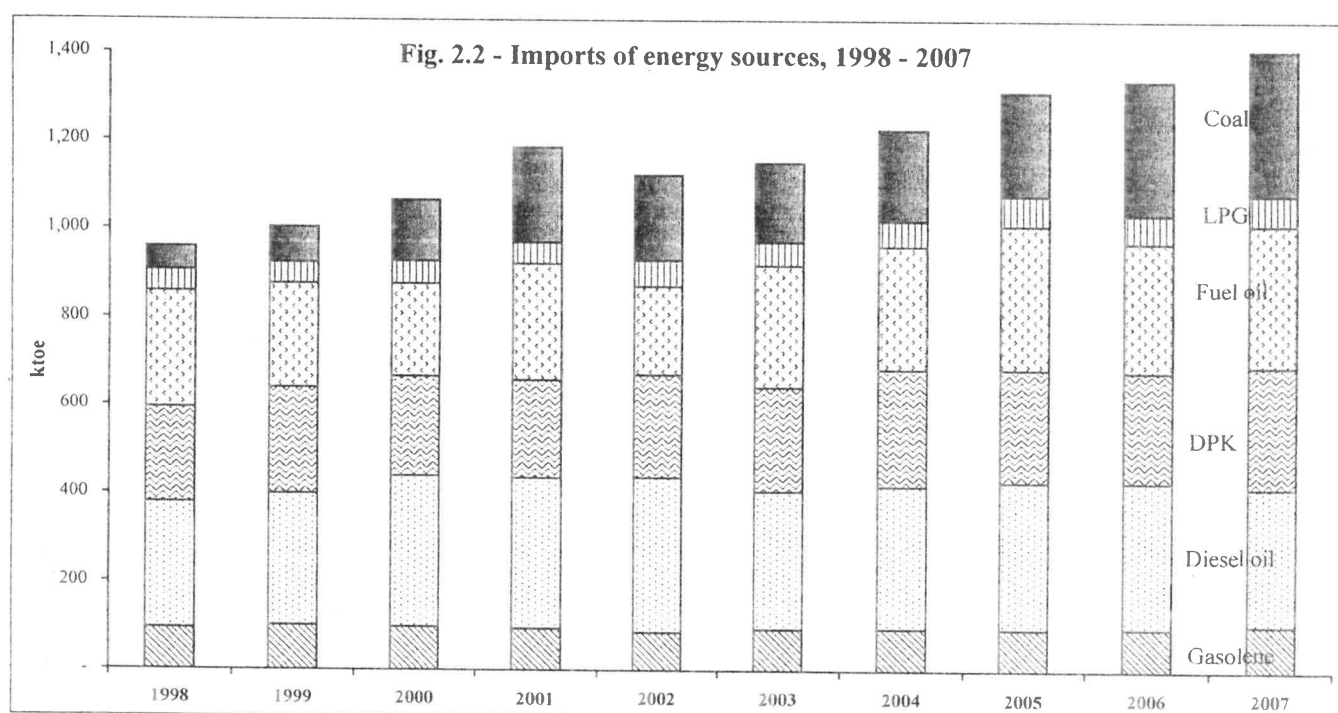








Table 2.6 - Re-exports of energy sources to foreign aircraft and bunkers, 1998 - 2007

Energy re-exported	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	53.1	78.3	87.5	76.0	92.8	88.7	88.4	96.9	100.0	116.8
Diesel oil	127.3	122.1	160.0	156.7	138.5	97.7	105.2	135.4	122.3	118.4
Fuel oil	35.3	46.9	57.6	44.0	26.7	34.8	40.1	54.7	49.1	57.7
	<i>ktoe</i>									
Aviation fuel for foreign aircraft	55.3	81.4	91.0	79.0	96.5	92.3	91.9	100.7	104.0	121.4
Diesel oil	128.6	123.3	161.6	158.3	139.9	98.6	106.2	136.8	123.5	119.5
Fuel oil	33.9	45.1	55.3	42.2	25.6	33.4	38.5	52.6	47.1	72.6
<b>Total</b>	<b>217.8</b>	<b>249.8</b>	<b>307.9</b>	<b>279.5</b>	<b>262.1</b>	<b>224.3</b>	<b>236.7</b>	<b>290.1</b>	<b>274.7</b>	<b>313.6</b>
	<i>%</i>									
Aviation fuel for foreign aircraft	25.4	32.6	29.6	28.3	36.8	41.1	38.8	34.7	37.9	38.7
Diesel oil	59.0	49.4	52.5	56.6	53.4	44.0	44.9	47.2	45.0	38.1
Fuel oil	15.6	18.0	18.0	15.1	9.8	14.9	16.3	18.1	17.2	23.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

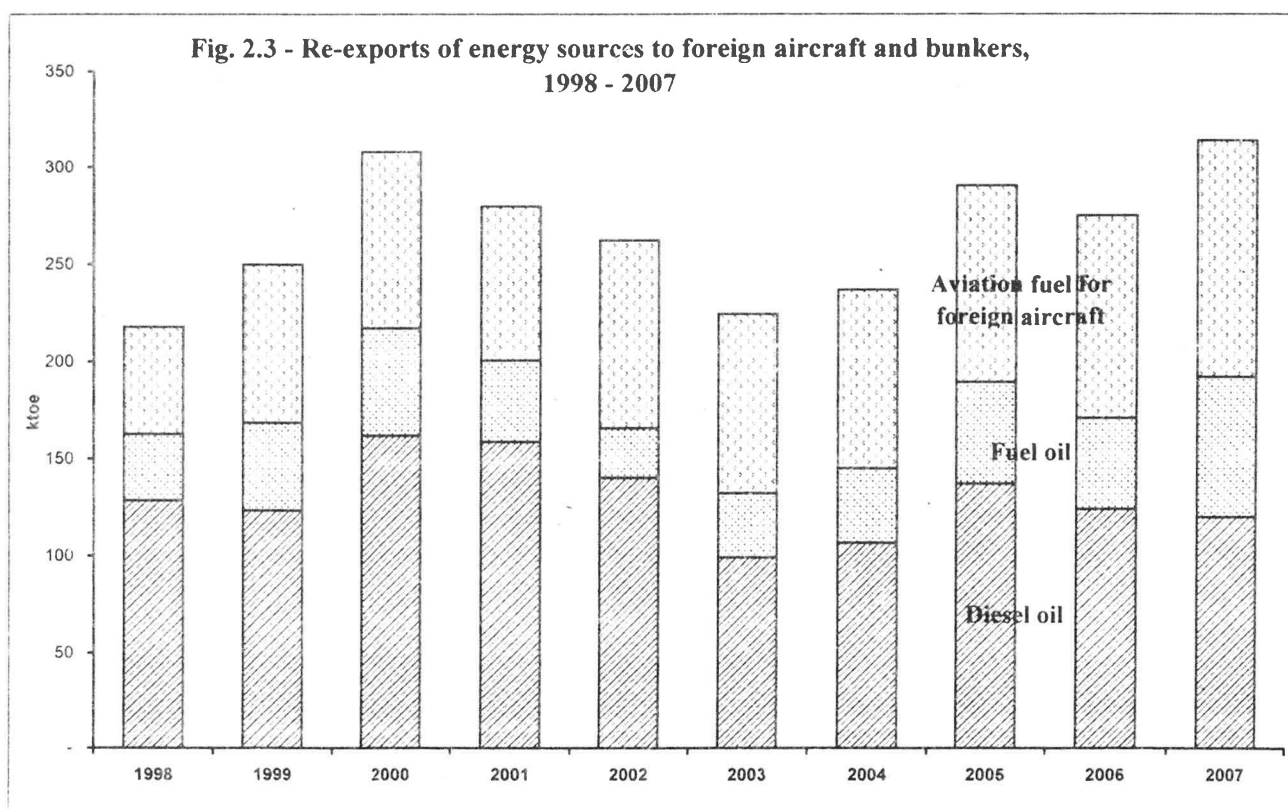
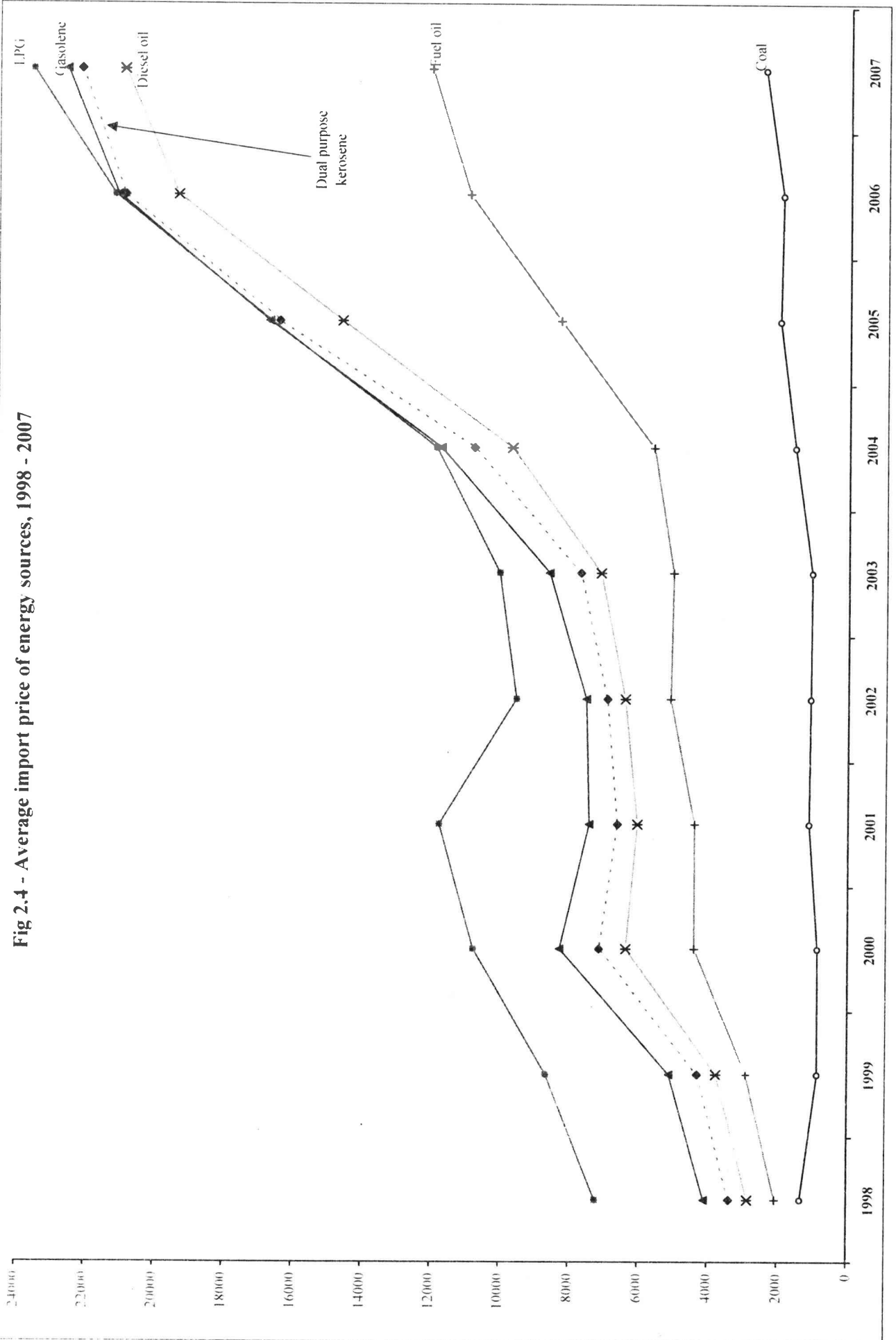


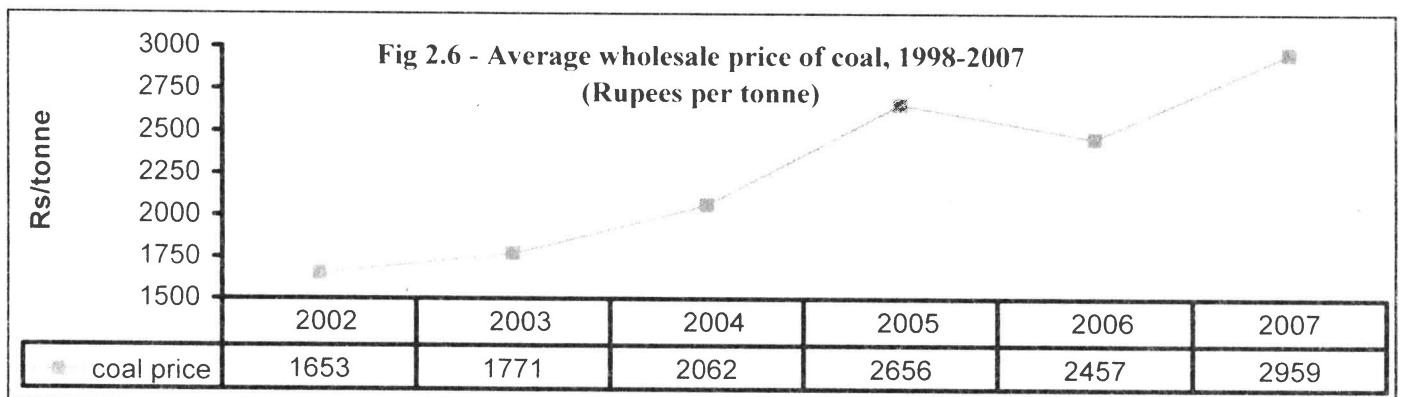
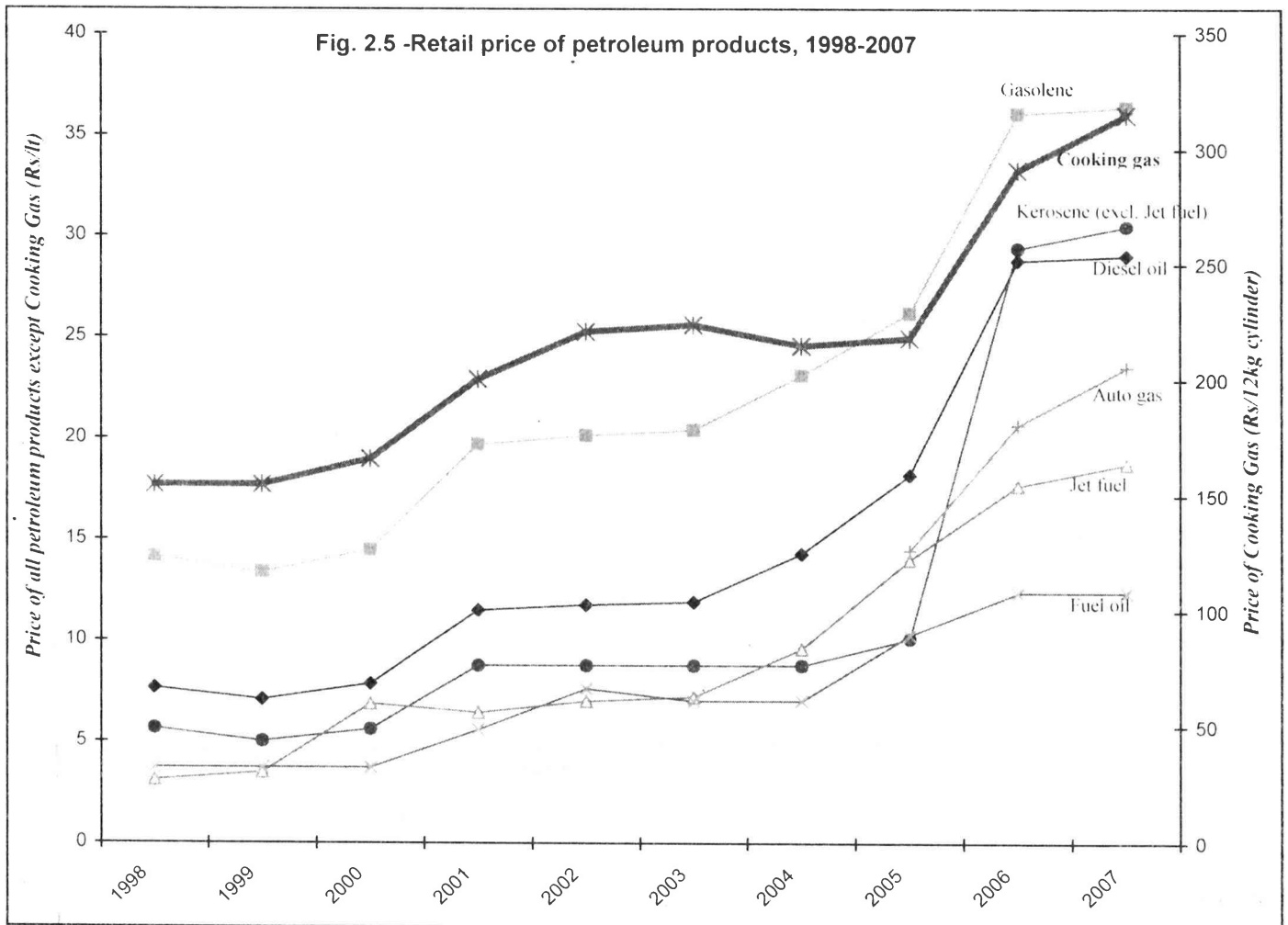


Fig 2.4 - Average import price of energy sources, 1998 - 2007



**Table 2.8 - Average retail price (Rupees) of petroleum products used as energy sources, 1998-2007**

Energy sources	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
		Rupees									
Gasolene	1 Lt	14.15	13.36	14.48	19.68	20.13	20.40	23.10	26.19	36.06	36.38
Diesel oil	1 Lt	7.65	7.07	7.84	11.50	11.75	11.90	14.30	18.20	28.80	29.03
Kerosene (excl. jet fuel)	1 Lt	5.65	5.01	5.60	8.75	8.75	8.75	8.75	10.08	29.39	30.50
Jet fuel type kerosene	1 Lt	3.11	3.47	6.85	6.42	6.98	7.20	9.58	14.00	17.67	18.73
Fuel Oil	1 Lt	3.70	3.70	3.70	5.58	7.60	7.00	7.00	10.28	12.35	12.35
LPG - Cooking Gas	12 Kg	155.00	155.00	166.02	200.55	221.00	224.00	215.00	218.20	291.25	315.00
LPG- Auto Gas	1 Lt								14.45	20.65	23.49



Data source: Cays Associates Ltd and Independent Power Producers

## Section III

### Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation and sales, 1998 - 2007

Year	Plant capacity (MW)				Peak Demand		Electricity generated (GWh)					Sales (GWh)
	Installed		Effective		(MW)		Hydro	Wind	Thermal	Total	Available for sales	
	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.						
1998	480.4 <sup>1</sup>	6.0	396.7 <sup>1</sup>	5.4	248.9	3.5	104.71	-	1,434.20	1,538.91	1,381.71	1,190.31
1999	522.3 <sup>1</sup>	6.0	425.7 <sup>1</sup>	5.4	265.8	3.8	30.01	-	1,554.79	1,584.80	1,440.71	1,244.12
2000	654.8	6.0	571.8	5.4	283.9	3.8	95.65	-	1,681.86	1,777.51	1,584.51	1,374.01
2001	654.8	6.0	573.8	5.6	297.4	4.2	70.82	-	1,840.00	1,910.82	1,677.70	1,466.65
2002	654.8	6.0	569.7	5.4	308.6	4.4	85.86	-	1,863.00	1,948.86	1,737.63	1,509.83
2003	644.8	6.0	568.3	5.4	323.8	4.8	117.77	-	1,963.75	2,081.52	1,864.36	1,626.90
2004	644.5	10.0	549.9	9.0	332.6	5.6	122.27	0.43	2,042.51	2,165.22	1,950.40	1,703.95
2005 <sup>2</sup>	678.9	10.0	577.9	9.4	353.1	6.0	114.88	0.44	2,156.83	2,272.15	2,044.90	1,777.46
2006 <sup>3</sup>	700.7	10.0	609.4	9.4	367.3	5.7	76.64	0.41	2,273.18	2,350.23	2,121.88	1,879.80
2007 <sup>3</sup>	743.3	10.0	660.3	9.0	367.6	5.9	83.86	0.40	2,380.39	2,464.65	2,229.79	1,975.28

<sup>1</sup> Excludes plant capacity for electricity not exported to CEB, figures available as from 2000

<sup>2</sup> revised

<sup>3</sup> Provisional

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

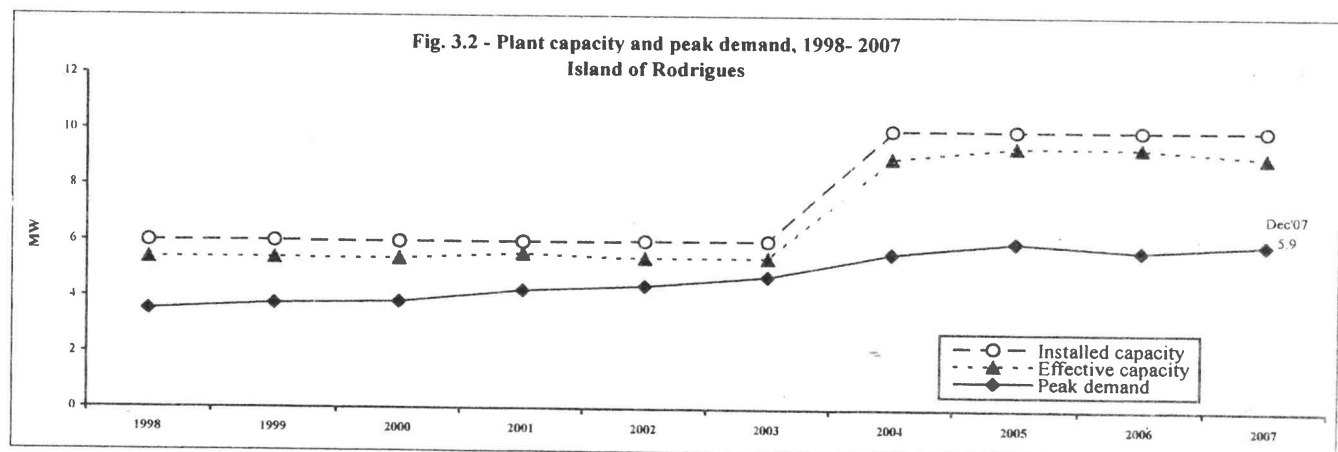
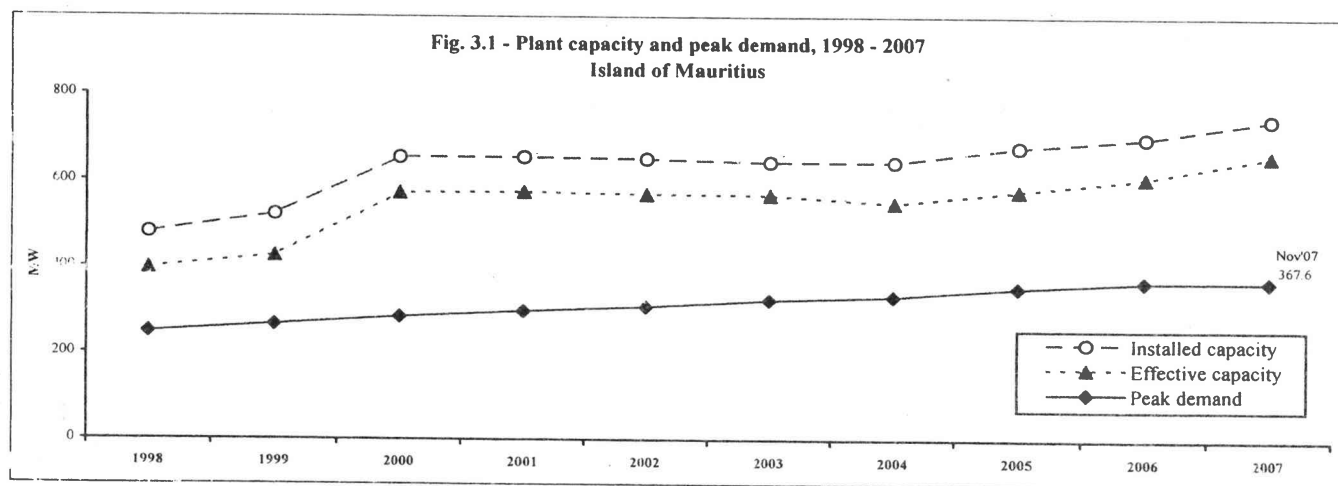


Table 3.2 - Plant capacity, 2007

MW

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity			Plant capacity	
	Installed	Effective		Installed	Effective
<b>Hydro:</b>			<b>Thermal:</b>		
Champagne	30.0	28.0			
Ferney	10.0	10.0	<u>Firm producers<sup>1</sup></u>	<u>258.10</u>	<u>243.00</u>
Tamarind Falls	11.1	7.0	F.U.E.L.	36.70	33.00
Le Val	4.0	4.0	Compagnie thermique de Belle Vue	70.00	62.00
Reduit	1.2	1.0	Consolidated energy limited	28.40	25.50
Cascade Cecile	1.0	1.0	Compagnie thermique du Sud	33.00	32.50
Magenta	0.9	0.9	Compagnie thermique de Savannah	90.00	90.00
La Ferme	1.2	1.2			
<b>Total</b>	<b>59.4</b>	<b>53.1</b>	<u>Continuous producers<sup>2</sup></u>	<u>53.00</u>	<u>40.60</u>
<b>Wind:</b>			Medine	13.00	3.00
Island of Rodrigues	<b>0.2</b>	<b>0.2</b>	Mon Desert Alma	13.80	13.00
<b>Thermal:</b>			Mon Loisir	14.00	13.60
Island of Mauritius	<u>372.8</u>	<u>323.6</u>	Union St. Aubin	12.20	11.00
St Louis	113.2	78.6			
Fort Victoria	43.6	32.0			
Nicolay	78.0	76.0			
Fort George	138.0	137.0			
Island of Rodrigues	<u>9.8</u>	<u>8.9</u>			
<b>Total</b>	<b>382.6</b>	<b>332.5</b>	<b>Total</b>	<b>311.10</b>	<b>283.60</b>
<b>Total</b>	<b>442.2</b>	<b>385.7</b>			
<b>Total plant capacity</b>			<b>Installed</b>	<b>Effective</b>	
1. Island of Mauritius			743.3	660.3	
<i>CEB</i>			432.2	376.7	
<i>IPP</i>			311.1	283.6	
<i>of which: involved in export to CEB</i>			300.6	235.5	
2. Island of Rodrigues (CEB)			10.0	9.0	
<b>Total</b>			<b>753.3</b>	<b>669.3</b>	

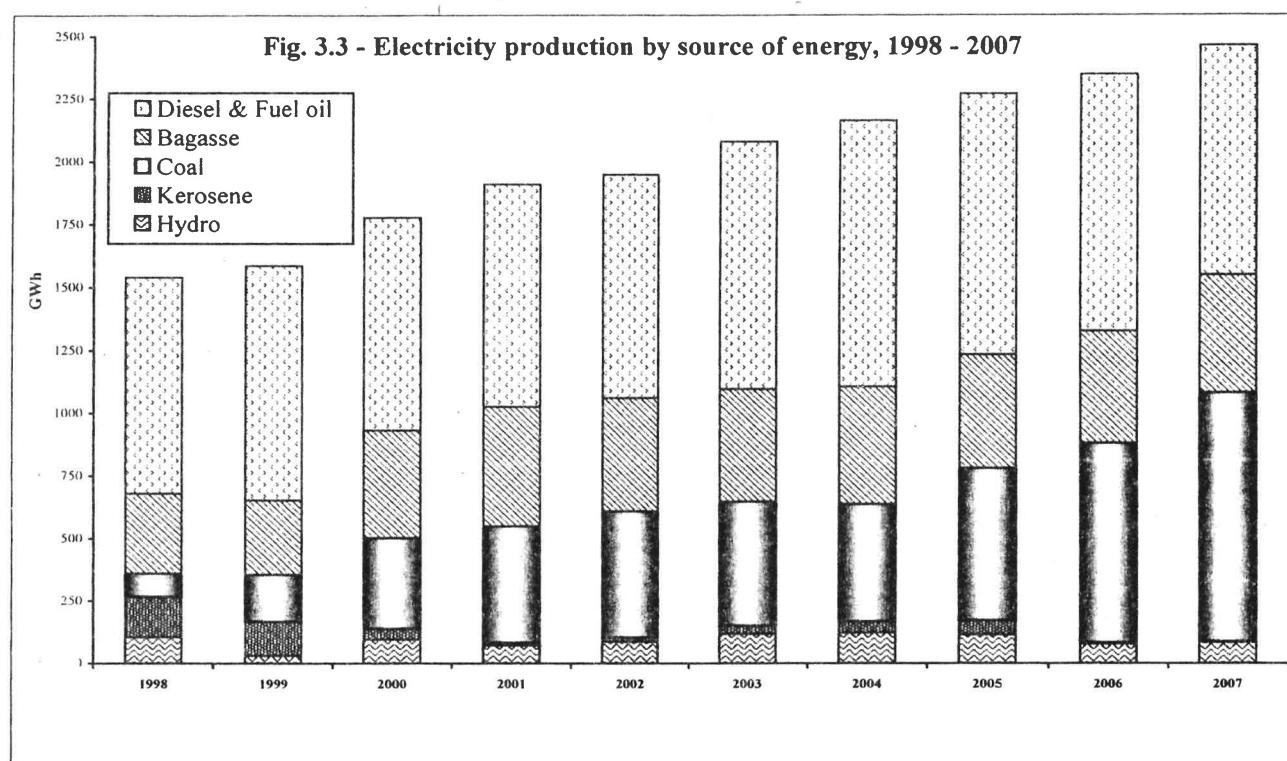
<sup>1</sup> Producing electricity all year round with bagasse coal

<sup>2</sup> 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, 1998-2007**

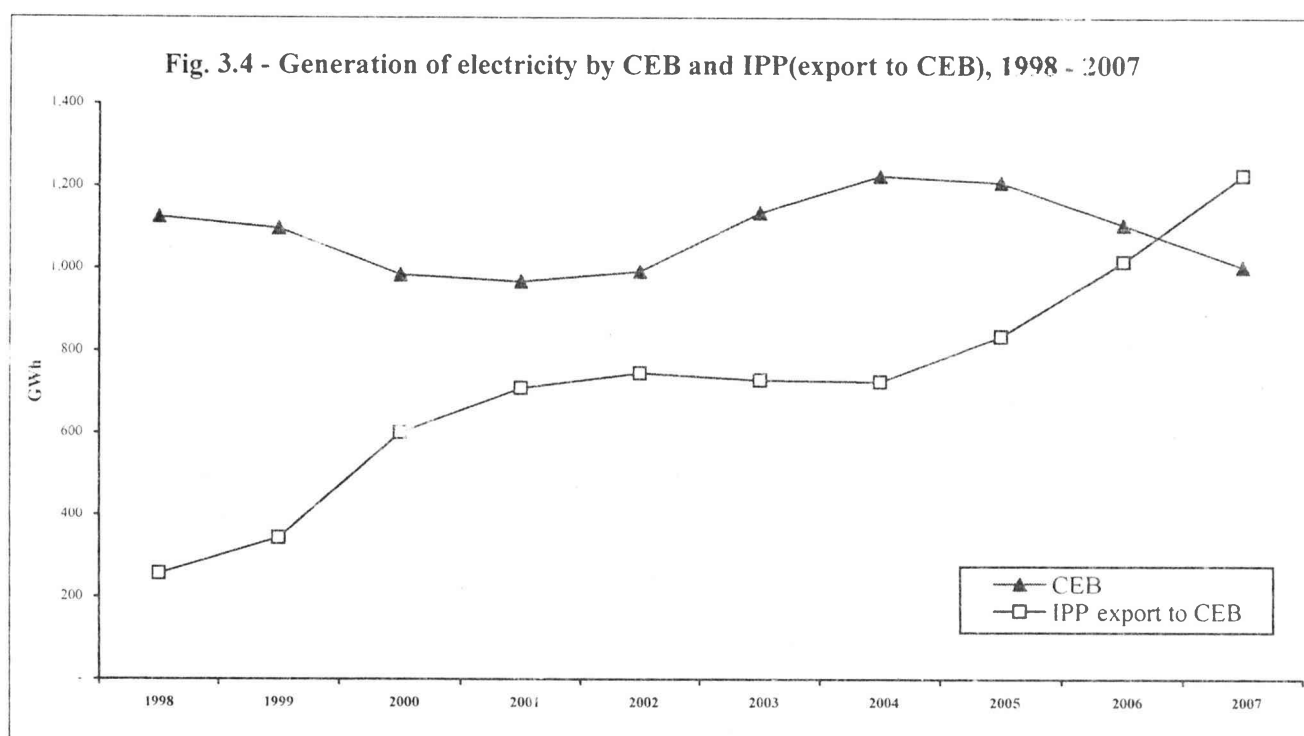
	GWh									
Power station	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>CEB</b>	<b>1,124.8</b>	<b>1,096.9</b>	<b>983.3</b>	<b>967.5</b>	<b>991.0</b>	<b>1,134.9</b>	<b>1,225.3</b>	<b>1,209.5</b>	<b>1,106.1</b>	<b>1,003.1</b>
Hydro	103.9	29.5	95.3	70.4	85.6	117.7	122.3	114.9	76.6	83.9
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
Thermal	1,020.8	1,067.4	888.1	897.1	905.4	1,017.2	1,102.6	1,094.2	1,029.1	918.9
<i>Island of Mauritius</i>	1,003.9	1,049.3	868.5	876.5	882.8	992.8	1,075.8	1,064.6	998.7	888.4
<i>Island of Rodrigues</i>	16.9	18.1	19.6	20.6	22.6	24.4	26.8	29.6	30.3	30.5
<b>IPP</b>	<b>414.2</b>	<b>487.9</b>	<b>794.2</b>	<b>943.3</b>	<b>957.9</b>	<b>946.6</b>	<b>939.9</b>	<b>1,062.6</b>	<b>1,244.1</b>	<b>1,461.5</b>
Hydro	0.8	0.5	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0
<i>of which : exported to CEB</i>	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal <sup>1</sup>	413.4	487.4	793.8	942.9	957.6	946.5	939.9	1,062.6	1,244.1	1,461.5
<i>of which : exported to CEB</i>	256.7	343.7	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7	1,226.7
Coal ( <i>Firm producers</i> <sup>2</sup> )	62.4	155.2	322.7	413.7	447.6	433.4	407.2	533.8	719.5	879.9
Bagasse	194.3	188.5	278.5	296.5	299.1	296.1	317.9	301.6	296.2	346.8
<i>Firm producers</i> <sup>2</sup>	81.8	110.8	167.0	182.8	171.1	176.2	191.0	185.0	182.6	302.8
<i>Continuous producers</i> <sup>3</sup>	112.5	77.8	111.5	113.7	128.0	119.9	127.0	116.6	113.6	44.0
<b>Total</b>	<b>1,538.9</b>	<b>1,584.8</b>	<b>1,777.5</b>	<b>1,910.8</b>	<b>1,948.9</b>	<b>2,081.5</b>	<b>2,165.2</b>	<b>2,272.1</b>	<b>2,350.2</b>	<b>2,464.6</b>
<b>Island of Mauritius</b>										
CEB	1,107.8	1,078.8	963.7	946.9	968.4	1,110.5	1,198.1	1,179.5	1,075.4	972.3
IPP export to CEB	256.9	343.8	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7	1,226.7
<b>Total available for sales</b>	<b>1,364.8</b>	<b>1,422.6</b>	<b>1,564.9</b>	<b>1,657.1</b>	<b>1,715.1</b>	<b>1,840.0</b>	<b>1,923.2</b>	<b>2,014.9</b>	<b>2,091.1</b>	<b>2,198.9</b>

<sup>1</sup> Estimates

<sup>2</sup> Producing electricity all year round with bagasse/coal

<sup>3</sup> 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, 1998 - 2007**

Power station	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>CEB</b>	<b>73.1</b>	<b>69.2</b>	<b>55.3</b>	<b>50.6</b>	<b>50.8</b>	<b>54.5</b>	<b>56.6</b>	<b>53.2</b>	<b>47.1</b>	<b>40.7</b>
Hydro	6.8	1.9	5.4	3.7	4.4	5.7	5.6	5.1	3.3	3.4
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	66.3	67.4	50.0	46.9	46.5	48.9	50.9	48.2	43.8	37.3
<i>Island of Mauritius</i>	65.2	66.2	48.9	45.9	45.3	47.7	49.7	46.9	42.5	36.0
<i>Island of Rodrigues</i>	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.2
<b>IPP</b>	<b>26.9</b>	<b>30.8</b>	<b>44.7</b>	<b>49.4</b>	<b>49.2</b>	<b>45.5</b>	<b>43.4</b>	<b>46.8</b>	<b>52.9</b>	<b>59.3</b>
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Of which : exported to CEB</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	26.9	30.8	44.7	49.3	49.1	45.5	43.4	46.8	52.9	59.3
<i>Of which : exported to CEB</i>	16.7	21.7	33.8	37.2	38.3	35.0	33.5	36.8	43.2	49.8
Coal ( <i>Firm producers</i> <sup>1</sup> )	4.1	9.8	18.2	21.6	23.0	20.8	18.8	23.5	30.6	35.7
Bagasse	12.6	11.9	15.7	15.5	15.3	14.2	14.7	13.3	12.6	14.1
<i>Firm producers</i> <sup>1</sup>	5.3	7.0	9.4	9.6	8.8	8.5	8.8	8.1	7.8	12.3
<i>Continuous producers</i> <sup>2</sup>	7.3	4.9	6.3	5.9	6.6	5.8	5.9	5.1	4.8	1.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Island of Mauritius</b>										
CEB	81.2	75.8	61.6	57.1	56.5	60.4	62.3	58.5	51.4	44.2
IPP export to CEB	18.8	24.2	38.4	42.9	43.5	39.6	37.7	41.5	48.6	55.8
Total available for sales	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Producing electricity all year round with bagasse/coal

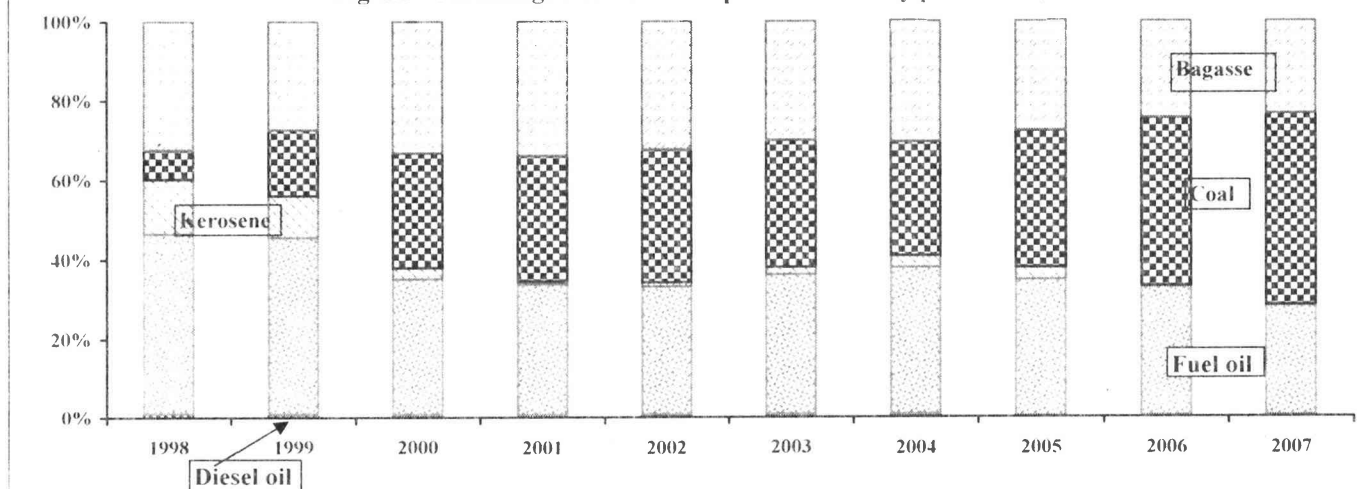
<sup>2</sup> Producing electricity with bagasse only during crop season

Table 3.7 - Fuel input for electricity production, 1998 - 2007

Fuel	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Tonne</b>										
Island of Mauritius										
Fuel oil	176,006	190,683	171,343	181,009	174,945	200,067	215,290	210,144	219,969	195,081
Diesel oil	2,529	3,064	2,822	2,553	2,771	2,423	2,335	1,909	2,232	2,638
Kerosene	49,676	41,948	13,081	3,760	5,443	9,864	16,555	17,731	1,848	1,067
Coal	45,035	112,123	228,520	273,376	286,886	287,176	265,128	340,675	462,784	552,632
Bagasse <sup>1</sup>	766,400	714,000	1,021,500	1,142,500	1,081,661	1,046,794	1,092,823	1,055,742	1,036,598	1,040,286
Island of Rodrigues										
Fuel oil	2,726	3,740	4,172	4,328	4,671	4,392	4,777	6,909	6,572	6,740
Diesel oil	1,223	440	542	585	710	1,472	1,633	217	299	108
<b>Ktoe</b>										
Island of Mauritius										
Fuel oil	169.0	183.1	164.5	173.8	167.9	192.1	206.7	201.7	211.2	187.3
Diesel oil	2.6	3.1	2.9	2.6	2.8	2.4	2.4	1.9	2.3	2.7
Kerosene	51.7	43.6	13.6	3.9	5.7	10.3	17.2	18.4	1.9	1.1
Coal	27.9	69.5	141.7	169.5	177.9	178.0	164.4	211.2	286.9	342.6
Bagasse	122.6	114.2	163.4	182.8	173.1	167.5	174.9	168.9	165.9	166.4
<b>Sub total</b>	<b>373.7</b>	<b>413.5</b>	<b>486.1</b>	<b>532.6</b>	<b>527.3</b>	<b>550.3</b>	<b>565.5</b>	<b>602.2</b>	<b>668.1</b>	<b>700.1</b>
Island of Rodrigues										
Fuel oil	2.6	3.6	4.0	4.2	4.5	4.2	4.6	6.6	6.3	6.5
Diesel oil	1.2	0.4	0.5	0.6	0.7	1.5	1.6	0.2	0.3	0.1
<b>Sub total</b>	<b>3.9</b>	<b>4.0</b>	<b>4.6</b>	<b>4.7</b>	<b>5.2</b>	<b>5.7</b>	<b>6.2</b>	<b>6.9</b>	<b>6.6</b>	<b>6.6</b>
<b>Total</b>	<b>377.6</b>	<b>417.6</b>	<b>490.6</b>	<b>537.3</b>	<b>532.5</b>	<b>556.0</b>	<b>571.7</b>	<b>609.1</b>	<b>674.7</b>	<b>706.7</b>
<b>Percentage</b>										
Island of Mauritius										
Fuel oil	44.7	43.8	33.5	32.3	31.5	34.5	36.2	33.1	31.3	26.5
Diesel oil	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.4
Kerosene	13.7	10.4	2.8	0.7	1.1	1.8	3.0	3.0	0.3	0.2
Coal	7.4	16.6	28.9	31.5	33.4	32.0	28.8	34.7	42.5	48.5
Bagasse	32.5	27.4	33.3	34.0	32.5	30.1	30.6	27.7	24.6	23.6
<b>Sub total</b>	<b>99.0</b>	<b>99.0</b>	<b>99.1</b>	<b>99.1</b>	<b>99.0</b>	<b>99.0</b>	<b>98.9</b>	<b>98.9</b>	<b>99.0</b>	<b>99.1</b>
Island of Rodrigues										
Fuel oil	0.7	0.9	0.8	0.8	0.8	0.8	0.8	1.1	0.9	0.9
Diesel oil	0.3	0.1	0.1	0.1	0.1	0.3	0.3	0.0	0.0	0.0
<b>Sub total</b>	<b>1.0</b>	<b>1.0</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>	<b>0.9</b>
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> Estimates

Fig. 3.5 - Percentage share of fuel input for electricity production, 1998 - 2007





## Section IV

# Final energy consumption

**Table 4.1 - Final energy consumption by sector (Energy unit), 1998 - 2007**

Sector	ktoe									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Manufacturing	299.3	240.2	249.9	262.4	249.2	262.3	259.3	248.7	270.8	264.0
2. Transport	309.2	326.0	355.9	372.3	364.1	390.2	408.7	418.6	425.8	410.9
3. Household	89.8	92.0	99.2	101.8	102.8	107.0	111.0	115.4	108.9	108.8
4. Commercial and Distributive Trade	32.3	34.1	36.9	40.8	41.7	47.7	51.5	55.7	62.7	65.2
5. Agriculture	4.4	4.3	4.8	4.8	4.8	4.8	4.4	4.7	4.8	4.9
6. Other (n.e.s) and losses	1.6	1.8	2.0	2.3	2.4	2.9	3.2	3.0	3.3	3.6
<b>TOTAL</b>	<b>736.6</b>	<b>698.3</b>	<b>748.6</b>	<b>784.4</b>	<b>765.0</b>	<b>814.9</b>	<b>838.1</b>	<b>846.1</b>	<b>876.3</b>	<b>857.5</b>

**Table 4.2 - Percentage share of final energy consumption by sector, 1998 - 2007**

Sector	%									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Manufacturing	40.6	34.4	33.4	33.5	32.6	32.2	30.9	29.4	30.9	30.8
2. Transport	42.0	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6	47.9
3. Residential	12.2	13.2	13.3	13.0	13.4	13.1	13.2	13.6	12.4	12.7
4. Commercial and Distributive Trade	4.4	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.2	7.6
5. Agriculture	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6
6. Other (n.e.s) and losses	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

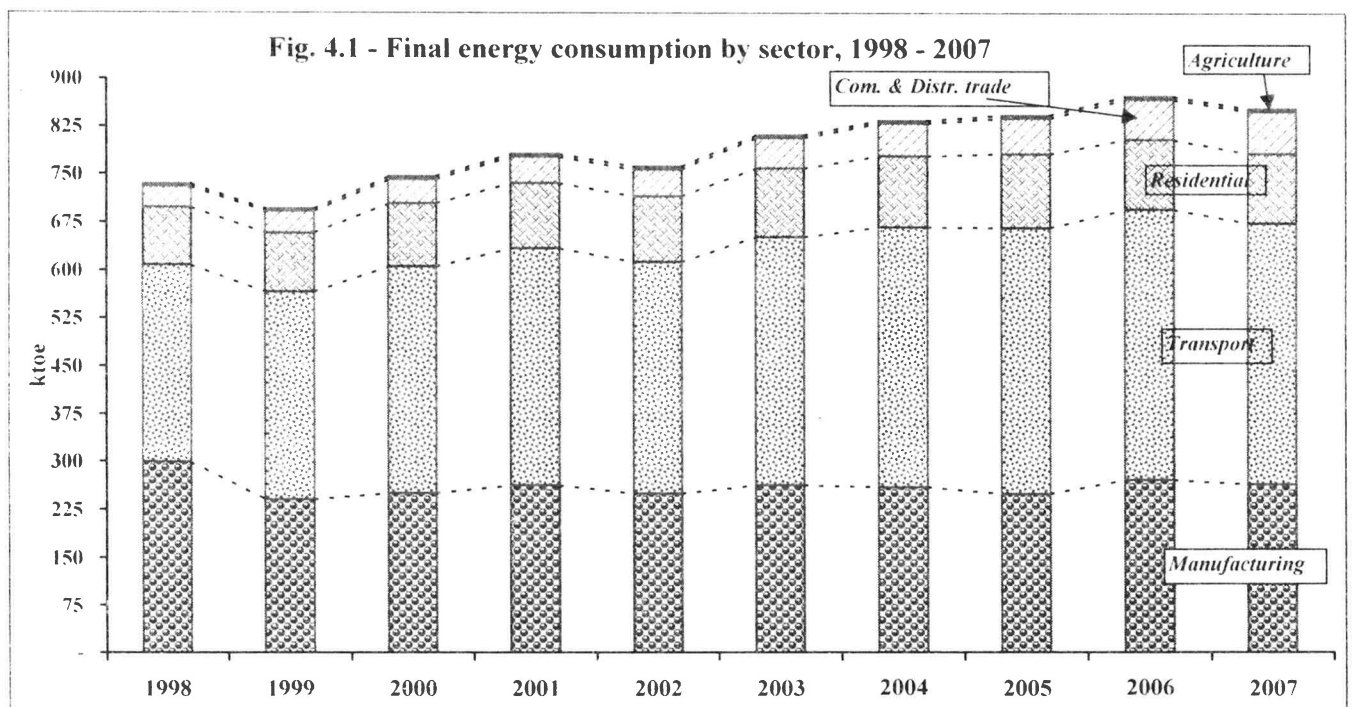


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 1998 - 2007

Sector	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>	2007 <sup>2</sup>
<b>1. Manufacturing</b>											
1.1 excluding bagasse											
Fuel oil	tonne	42,774	45,150	49,000	60,630	61,439	55,615	49,857	46,763	58,098	60,567
Diesel oil	tonne	30,233	32,650	41,600	37,533	37,409	41,273	43,372	41,127	49,767	48,336
LPG	tonne	3,276	3,600	3,689	3,650	3,502	2,964	2,756	3,904	3,965	4,068
Coal	tonne	25,713	24,490	24,464	25,781	25,888	29,000	24,220	23,162	21,666	19,964
Fuelwood <sup>1</sup>	tonne	2,000	1,800	1,500	1,500	1,450	1,430	1,415	1,400	1,425	1,425
Electricity	GWh	551.3	558.8	651.6	711.4	711.7	742.2	768.9	778.3	841.2	879.6
<b>1.2 bagasse<sup>1</sup></b>	tonne	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379	476,198	463,563	400,646
<b>2. Transport</b>											
Gasolene	tonne	88,592	89,500	92,000	87,749	87,507	89,242	90,350	92,673	89,117	98,940
LPG	tonne	263.51	485.00	633.00	820	1,216	2,223	2,691	6,726	6,887	6,633
Diesel oil	tonne	118,934	126,500	142,000	145,555	153,437	161,267	164,120	166,510	173,689	151,779
Jet fuel for local aircraft	tonne	89,537	97,126	108,082	124,652	108,972	123,627	137,002	137,560	141,053	138,104
<b>3. Residential</b>											
Kerosene	tonne	9,472	9,100	9,600	9,480	8,409	8,265	8,726	9,765	3,923	1,238
LPG	tonne	32,837	34,700	37,710	37,850	39,023	40,559	42,856	43,206	41,599	42,088
Fuelwood <sup>3</sup>	tonne	19,000	16,400	16,000	15,900	15,850	15,780	15,940	16,540	17,473	17,497
Charcoal <sup>3</sup>	tonne	250	200	150	150	130	125	120	130	123	126
Electricity	GWh	431.2	449.6	491.9	522.8	532.5	564.6	575.0	607.5	617.9	643.0
<b>4. Commercial and Distributive Trade</b>											
LPG	tonne	4,000	4,500	4,150	4,450	4,559	5,749	6,372	6,985	11,436	10,927
Charcoal <sup>3</sup>	tonne	300	300	300	330	340	350	360	380	393	407
Electricity	GWh	322.3	337.4	374.8	415.5	424.9	479.3	516.2	556.4	582	618
<b>5. Agriculture</b>											
Diesel oil <sup>3</sup>	tonne	2,200	2,300	2,400	2,460	2,430	2,410	2,375	2,345	2,289	2,456
Electricity	GWh	25.3	22.5	27.2	26.8	27.5	27.0	23.8	27.1	28.7	28.2

<sup>1</sup> Revised

<sup>2</sup> provisional

<sup>3</sup> Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 1998 - 2007

ktoe

Sector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>1. Manufacturing</b>	<b>299.3</b>	<b>240.2</b>	<b>249.9</b>	<b>262.4</b>	<b>249.2</b>	<b>262.3</b>	<b>259.3</b>	<b>248.7</b>	<b>270.8</b>	<b>264.0</b>
<b>1.1 excluding bagasse</b>	<b>139.2</b>	<b>144.1</b>	<b>164.8</b>	<b>177.8</b>	<b>178.4</b>	<b>180.6</b>	<b>176.3</b>	<b>172.5</b>	<b>196.6</b>	<b>199.9</b>
Fuel oil	41.1	43.3	47.0	58.2	59.0	53.4	47.9	44.9	55.8	58.1
Diesel oil	30.5	33.0	42.0	37.9	37.8	41.7	43.8	41.5	50.3	48.8
LPG	3.5	3.9	4.0	3.9	3.8	3.2	3.0	4.2	4.3	4.4
Coal	15.9	15.2	15.2	16.0	16.1	18.0	15.0	14.4	13.4	12.4
Fuelwood <sup>1</sup>	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
Electricity	47.4	48.0	56.0	61.2	61.2	63.8	66.1	66.9	72.3	75.6
<b>1.2 bagasse<sup>1</sup></b>	<b>160.1</b>	<b>96.1</b>	<b>85.1</b>	<b>84.6</b>	<b>70.8</b>	<b>81.6</b>	<b>82.9</b>	<b>76.2</b>	<b>74.2</b>	<b>64.1</b>
<b>2. Transport</b>	<b>309.2</b>	<b>326.0</b>	<b>355.9</b>	<b>372.3</b>	<b>364.1</b>	<b>390.2</b>	<b>408.7</b>	<b>418.6</b>	<b>425.8</b>	<b>410.9</b>
Gasolene	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9
LPG	0.3	0.5	0.7	0.9	1.3	2.4	2.9	7.3	7.4	7.2
Diesel oil	120.1	127.8	143.4	147.0	155.0	162.9	165.8	168.2	175.4	153.3
Jet fuel for local aircraft	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6
<b>3. Residential</b>	<b>89.8</b>	<b>92.0</b>	<b>99.2</b>	<b>101.8</b>	<b>102.8</b>	<b>107.0</b>	<b>111.0</b>	<b>108.9</b>	<b>108.9</b>	<b>108.8</b>
Kerosene	9.9	9.5	10.0	9.9	8.7	8.6	9.1	10.2	4.1	1.3
LPG	35.5	37.5	40.7	40.9	42.1	43.8	46.3	46.7	44.9	45.5
Fuelwood <sup>1</sup>	7.2	6.2	6.1	6.0	6.0	6.0	6.1	6.3	5.5	6.6
Charcoal <sup>1</sup>	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	37.1	38.7	42.3	45.0	45.8	48.6	49.5	52.2	53.1	55.3
<b>4. Commercial and Distributive Trade</b>	<b>32.3</b>	<b>34.1</b>	<b>36.9</b>	<b>40.8</b>	<b>41.7</b>	<b>47.7</b>	<b>51.5</b>	<b>55.7</b>	<b>62.7</b>	<b>65.2</b>
LPG	4.3	4.9	4.5	4.8	4.9	6.2	6.9	7.5	12.4	11.8
Charcoal <sup>1</sup>	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	27.7	29.0	32.2	35.7	36.5	41.2	44.4	47.9	50.0	53.1
<b>5. Agriculture</b>	<b>4.4</b>	<b>4.3</b>	<b>4.8</b>	<b>4.8</b>	<b>4.8</b>	<b>4.8</b>	<b>4.4</b>	<b>4.7</b>	<b>4.8</b>	<b>4.9</b>
Diesel oil <sup>1</sup>	2.2	2.3	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.5
Electricity	2.2	1.9	2.3	2.3	2.4	2.3	2.0	2.3	2.5	2.4
<b>6. Other (n.e.s) and losses</b>	<b>1.6</b>	<b>1.8</b>	<b>2.0</b>	<b>2.3</b>	<b>2.4</b>	<b>2.9</b>	<b>3.2</b>	<b>3.0</b>	<b>3.3</b>	<b>3.6</b>
<b>TOTAL</b>	<b>736.6</b>	<b>698.3</b>	<b>748.6</b>	<b>784.4</b>	<b>765.0</b>	<b>814.9</b>	<b>838.1</b>	<b>846.1</b>	<b>876.3</b>	<b>857.5</b>

<sup>1</sup> Estimates



Table 4.5 - Percentage share of final energy consumption in ktoe by sector and type of fuel, 1998 - 2007

Sector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>1. Manufacturing</b>	<b>40.2</b>	<b>34.4</b>	<b>33.4</b>	<b>33.5</b>	<b>32.6</b>	<b>32.2</b>	<b>30.9</b>	<b>29.4</b>	<b>30.9</b>	<b>30.8</b>
<b>1.1 Excluding bagasse</b>	<b>18.5</b>	<b>20.6</b>	<b>22.0</b>	<b>22.7</b>	<b>23.3</b>	<b>22.2</b>	<b>21.0</b>	<b>20.4</b>	<b>22.4</b>	<b>23.3</b>
Fuel oil	4.3	6.2	6.3	7.4	7.7	6.6	5.7	5.3	6.4	6.8
Diesel oil	3.2	4.7	5.6	4.8	4.9	5.1	5.2	4.9	5.7	5.7
LPG	0.4	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5
Coal	1.7	2.2	2.0	2.0	2.1	2.2	1.8	1.7	1.5	1.4
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	9.0	6.9	7.5	7.8	8.0	7.8	7.9	7.9	8.3	8.8
<b>1.2 Bagasse</b>	<b>21.6</b>	<b>13.8</b>	<b>11.4</b>	<b>10.8</b>	<b>9.3</b>	<b>10.0</b>	<b>9.9</b>	<b>9.0</b>	<b>8.5</b>	<b>7.5</b>
<b>2. Transport</b>	<b>32.1</b>	<b>46.7</b>	<b>47.5</b>	<b>47.5</b>	<b>47.6</b>	<b>47.9</b>	<b>48.8</b>	<b>49.5</b>	<b>48.6</b>	<b>47.9</b>
Gasolene	9.9	13.8	13.3	12.1	12.4	11.8	11.6	11.8	11.0	12.5
LPG	0.04	0.08	0.09	0.11	0.2	0.3	0.3	0.9	0.8	0.8
Diesel oil	12.5	18.3	19.2	18.7	20.3	20.0	19.8	19.9	20.0	17.9
Jet fuel for local aircraft	9.7	14.5	15.0	16.5	14.8	15.8	17.0	16.9	16.7	16.7
<b>3. Residential</b>	<b>14.9</b>	<b>13.2</b>	<b>13.3</b>	<b>13.0</b>	<b>13.4</b>	<b>13.1</b>	<b>13.2</b>	<b>13.6</b>	<b>12.4</b>	<b>12.7</b>
Kerosene	1.0	1.4	1.3	1.3	1.1	1.1	1.1	1.2	0.5	0.2
LPG	3.7	5.4	5.4	5.2	5.5	5.4	5.5	5.5	5.1	5.3
Fuelwood	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	9.8	5.5	5.6	5.7	6.0	6.0	5.9	6.2	6.1	6.4
<b>4. Commercial and Distributive Trade</b>	<b>7.8</b>	<b>4.9</b>	<b>4.9</b>	<b>5.2</b>	<b>5.5</b>	<b>5.9</b>	<b>6.1</b>	<b>6.6</b>	<b>7.2</b>	<b>7.6</b>
LPG	0.4	0.7	0.6	0.6	0.6	0.8	0.8	0.9	1.4	1.4
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	7.4	4.2	4.3	4.6	4.8	5.1	5.3	5.7	5.7	6.2
<b>5. Agriculture</b>	<b>0.8</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>
Diesel oil	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	0.6	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3
<b>6. Other (n.e.s) and losses</b>	<b>4.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

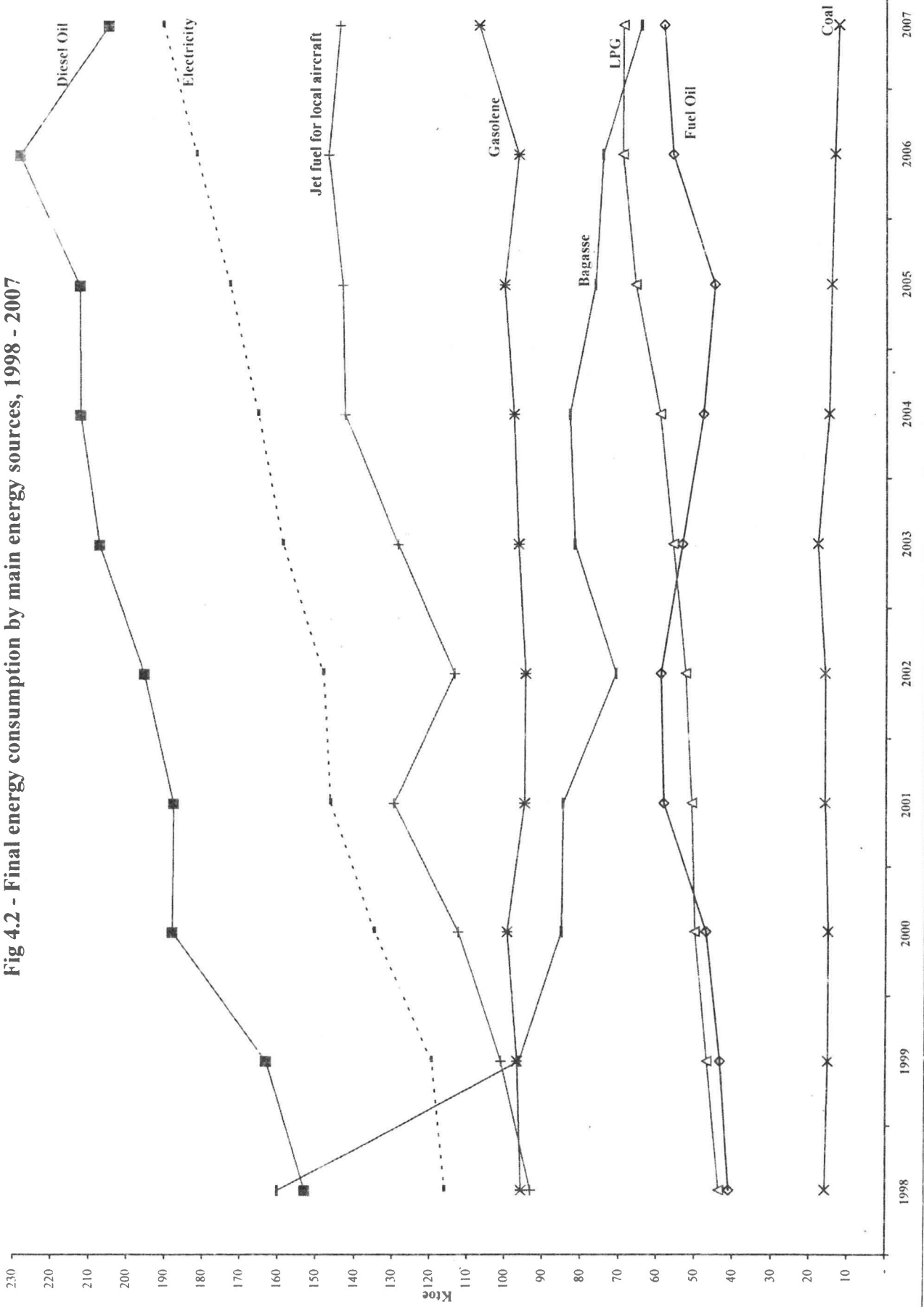
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Table 4.6 - Final energy consumption by energy source, 1998 - 2007

Energy source		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	<b>Unit</b>	<b>Physical unit</b>									
Gasolene	Thousand tonnes	88.6	89.5	92.0	87.7	87.5	89.2	90.4	92.7	89.1	98.9
Diesel Oil	"	151.4	161.5	186.0	185.5	193.3	205.0	209.9	210.0	225.7	202.6
Kerosene	"	9.5	9.1	9.6	9.5	8.4	8.3	8.7	9.8	3.9	1.2
Jet fuel for local aircraft	"	89.5	97.1	108.1	124.7	109.0	123.6	137.0	137.6	141.1	138.1
Fuel Oil	"	42.8	45.2	49.0	60.6	61.4	55.6	49.9	46.8	58.1	60.6
LPG	"	40.4	43.3	46.2	47.1	48.3	51.7	54.9	60.9	63.9	63.8
Coal	"	25.7	24.5	24.5	25.8	25.9	29.0	24.2	23.2	21.7	20.0
Electricity	GWh	1,347.5	1,388.2	1,567.0	1,699.8	1,721.1	1,844.1	1,918.8	2,004.7	2,108.2	2,210.1
Bagasse <sup>1</sup>	Thousand tonnes	1,000.6	600.4	531.8	529.0	442.7	510.2	518.4	476.2	463.6	400.6
Fuelwood <sup>1</sup>	"	21.0	18.2	17.5	17.4	17.3	17.2	17.4	17.9	18.9	18.9
Charcoal <sup>1</sup>	"	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		<b>Energy unit</b>									
Gasolene	ktoe	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9
Diesel Oil	"	152.9	163.1	187.9	187.4	195.2	207.0	212.0	212.1	228.0	204.6
Kerosene	"	9.9	9.5	10.0	9.9	8.7	8.6	9.1	10.2	4.1	1.3
Jet fuel for local aircraft	"	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6
Fuel Oil	"	41.1	43.3	47.0	58.2	59.0	53.4	47.9	44.9	55.8	58.1
LPG	"	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7	69.0	68.9
Coal	"	15.9	15.2	15.2	16.0	16.1	18.0	15.0	14.4	13.4	12.4
Electricity	"	115.9	119.4	134.8	146.2	148.0	158.6	165.0	172.4	181.3	190.1
Bagasse	"	160.1	96.1	85.1	84.6	70.8	81.6	82.9	76.2	74.2	64.1
Fuelwood	"	8.0	6.9	6.7	6.6	6.6	6.5	6.6	6.8	7.2	7.2
Charcoal	"	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4
<b>Total</b>	"	<b>736.6</b>	<b>698.3</b>	<b>749.0</b>	<b>784.5</b>	<b>765.0</b>	<b>814.9</b>	<b>838.1</b>	<b>846.2</b>	<b>876.3</b>	<b>857.5</b>
		<b>Share</b>									
Gasolene	%	13.0	13.8	13.3	12.1	12.4	11.8	11.6	11.8	11.0	12.5
Diesel Oil	"	20.8	23.4	25.1	23.9	25.5	25.4	25.3	25.1	26.0	23.9
Kerosene	"	1.3	1.4	1.3	1.3	1.1	1.1	1.1	1.2	0.5	0.2
Jet fuel for local aircraft	"	12.6	14.5	15.0	16.5	14.8	15.8	17.0	16.9	16.7	16.7
Fuel Oil	"	5.6	6.2	6.3	7.4	7.7	6.6	5.7	5.3	6.4	6.8
LPG	"	5.9	6.7	6.7	6.5	6.9	6.9	7.1	7.8	7.9	8.0
Coal	"	2.2	2.2	2.0	2.0	2.1	2.2	1.8	1.7	1.5	1.4
Electricity	"	15.7	17.1	18.0	18.6	19.3	19.5	19.7	20.4	20.7	22.2
Bagasse	"	21.7	13.8	11.4	10.8	9.3	10.0	9.9	9.0	8.5	7.5
Fuelwood	"	1.1	1.0	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8
Charcoal	"	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	"	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> estimates

Fig 4.2 - Final energy consumption by main energy sources, 1998 - 2007



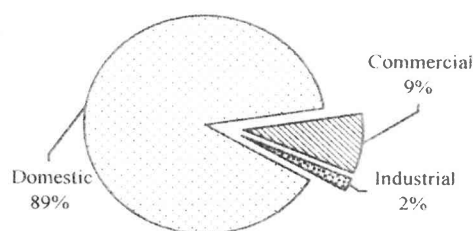
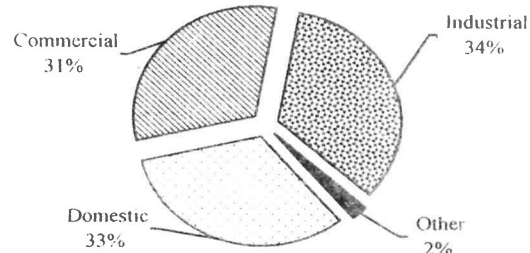
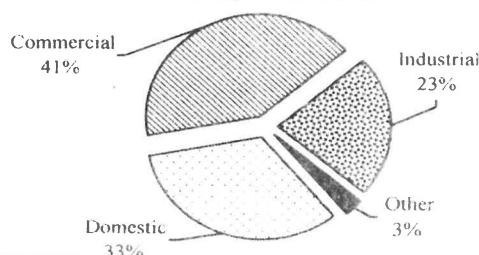
**Table 4.7 - Sales of electricity by type of tariff, 1998 - 2007 (Republic of Mauritius)**

Tariff group	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>	2007 <sup>2</sup>
<b>Number of consumers</b>										
Domestic	269,981	279,432	288,520	297,051	303,620	311,523	319,425	328,726	335,816	343,142
Commercial	25,758	26,642	27,831	28,594	29,030	29,779	30,541	31,891	33,089	34,388
Industrial	6,854	7,090	7,008	7,084	7,164	7,218	7,205	7,316	7,364	7,435
Other	258	281	293	299	311	328	335	338	349	356
<b>Total</b>	<b>302,851</b>	<b>313,445</b>	<b>323,652</b>	<b>333,028</b>	<b>340,125</b>	<b>348,848</b>	<b>357,506</b>	<b>368,271</b>	<b>376,618</b>	<b>385,321</b>
<b>GWh sold</b>										
Domestic	431.2	449.6	491.9	522.8	532.5	564.6	575.0	607.5	617.9	643.0
Commercial	322.3	337.4	374.8	415.5	424.9	479.3	516.2	556.4	581.8	617.9
Industrial	419.5	437.2	485.8	505.0	527.9	552.0	577.9	578.1	641.6	673.0
Other	17.3	19.9	21.4	23.3	24.4	31.0	34.8	35.4	38.5	41.4
<b>Total</b>	<b>1,190.3</b>	<b>1,244.1</b>	<b>1,374.0</b>	<b>1,466.7</b>	<b>1,509.83</b>	<b>1,626.9</b>	<b>1,703.9</b>	<b>1,777.5</b>	<b>1,879.8</b>	<b>1,975.3</b>
<b>Value sold (Rs.mn)</b>										
Domestic	951.1	959.5	1,156.3	1,473.4	1,649.8	1,783.6	1,855.7	2,031.8	2,264.1	2,443.4
Commercial	810.8	823.8	1,038.5	1,411.4	1,707.7	1,928.6	2,091.6	2,312.4	2,779.1	3,084.1
Industrial	735.1	789.4	909.8	1,002.3	1,120.0	1,176.0	1,253.2	1,268.3	1,532.4	1,677.8
Other	52.3	56.9	66.3	83.7	104.5	134.6	151.6	159.2	194.3	199.0
<b>Total</b>	<b>2,549.4</b>	<b>2,629.5</b>	<b>3,171.0</b>	<b>3,970.8</b>	<b>4,582.01</b>	<b>5,022.8</b>	<b>5,352.1</b>	<b>5,771.7</b>	<b>6,769.9</b>	<b>7,404.3</b>
<b>Average sales price (Rs./kWh)</b>										
Domestic	2.21	2.13	2.35	2.82	3.10	3.16	3.23	3.34	3.66	3.80
Commercial	2.52	2.44	2.77	3.40	4.02	4.02	4.05	4.16	4.78	4.99
Industrial	1.75	1.81	1.87	1.98	2.12	2.13	2.17	2.19	2.39	2.49
Other	3.02	2.85	3.09	3.60	4.28	4.34	4.35	4.49	5.04	4.81
<b>Total</b>	<b>2.14</b>	<b>2.11</b>	<b>2.31</b>	<b>2.71</b>	<b>3.03</b>	<b>3.09</b>	<b>3.14</b>	<b>3.25</b>	<b>3.60</b>	<b>3.75</b>
<b>Average no. of units per consumer (kWh)</b>										
Domestic	1,597	1,609	1,705	1,760	1,754	1,812	1,800	1,848	1,840	1,874
Commercial	12,513	12,663	13,469	14,533	14,637	16,094	16,903	17,447	17,583	17,970
Industrial	61,202	61,668	69,320	71,290	73,695	76,476	80,204	79,022	87,123	90,514
Other	67,171	70,916	73,163	77,896	78,497	94,594	104,005	104,843	110,409	116,273
<b>Total</b>	<b>3,930</b>	<b>3,969</b>	<b>4,245</b>	<b>4,404</b>	<b>4,439</b>	<b>4,664</b>	<b>4,766</b>	<b>4,827</b>	<b>4,991</b>	<b>5,126</b>

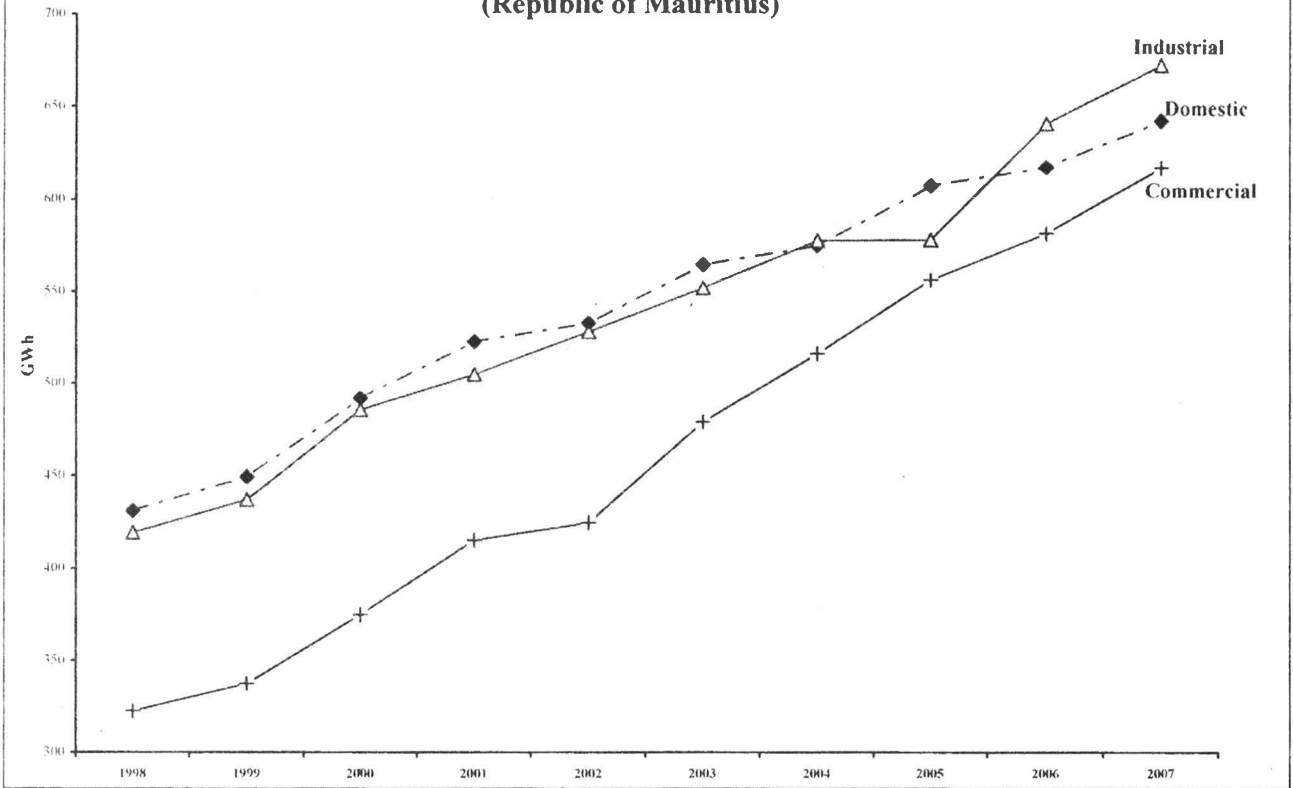
1 Revised

2 Provisional

Source: Central Electricity Board

**Fig. 4.3 - Percentage distribution of electricity consumers by type of tariff, 2007****Fig. 4.4 - Percentage share of electricity consumed by type of tariff, 2007****Fig. 4.5 - Percentage share of sales value of electricity by type of tariff, 2007**

**Fig. 4.6 - Sales of electricity by type of tariff, 1998 - 2007  
(Republic of Mauritius)**



**Fig. 4.7 - Sales value of electricity by type of tariff, 1998 - 2007  
(Republic of Mauritius)**

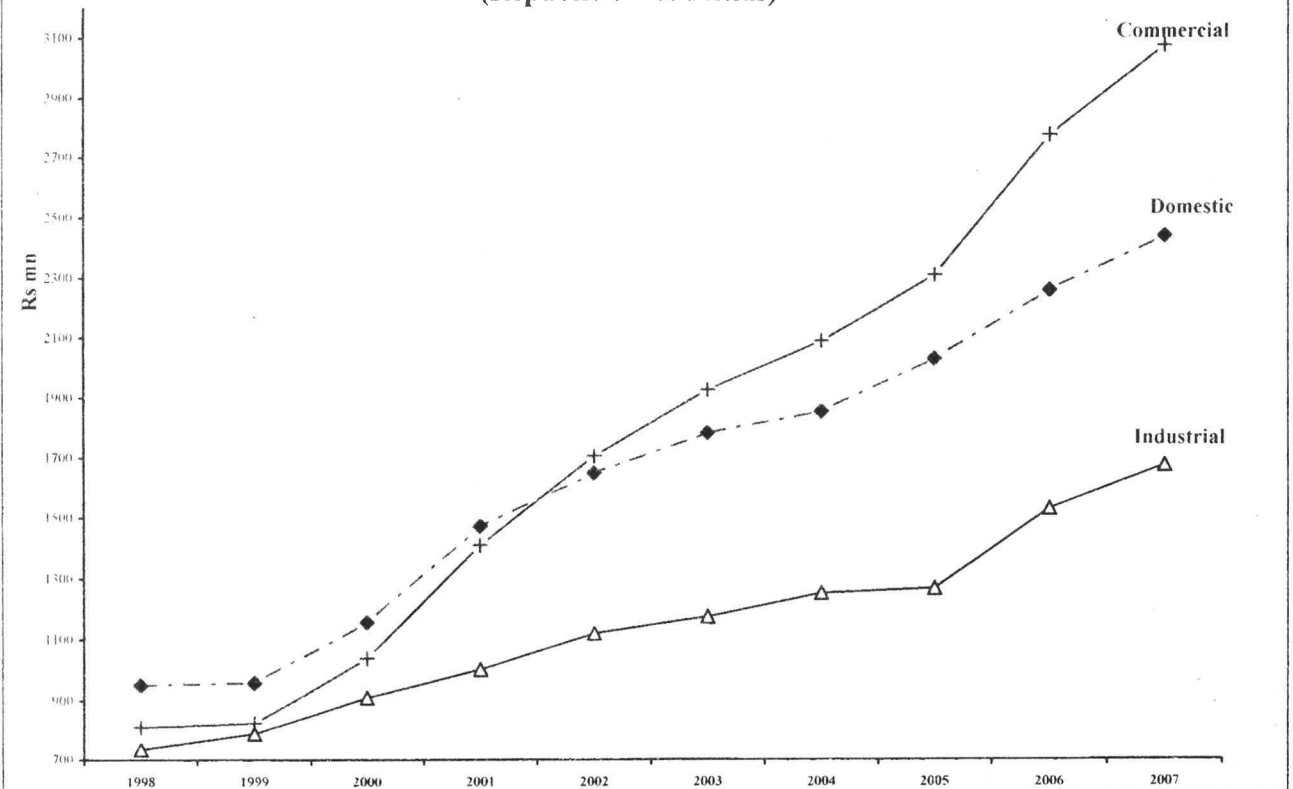


Table 4.8 - Sales of electricity by type of tariff, 1998 - 2007 (Island of Mauritius)

Tariff group	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>	2007 <sup>2</sup>
<b>Number of consumers</b>										
Domestic	261,971	271,061	279,886	288,324	294,666	302,387	310,078	319,075	325,830	332,900
Commercial	24,914	25,730	26,915	27,655	28,054	28,797	29,552	30,866	32,060	33,309
Industrial	6,751	6,981	6,879	6,941	6,980	7,057	7,032	7,132	7,176	7,245
<i>General</i>	6,342	6,419	6,531	6,624	6,662	6,681	6,629	6,710	6,729	6,782
<i>Irrigation</i>	409	562	348	317	318	376	403	422	447	463
Other	251	257	283	293	305	322	328	331	342	349
<b>Total</b>	<b>293,887</b>	<b>304,029</b>	<b>313,963</b>	<b>323,213</b>	<b>330,005</b>	<b>338,563</b>	<b>346,990</b>	<b>357,404</b>	<b>365,408</b>	<b>373,803</b>
<b>GWh sold</b>										
Domestic	422.7	440.3	482.1	512.0	521.1	552.6	562.4	593.2	603.4	628.4
Commercial	318.6	333.5	370.7	411.0	419.7	473.0	509.2	548.2	574.1	610.1
Industrial	417.8	435.5	484.5	503.8	526.7	550.6	576.0	575.8	639.7	671.2
<i>General</i>	392.5	413.1	457.3	477.1	499.2	523.7	552.4	549.1	611.0	643.0
<i>Irrigation</i>	25.3	22.5	27.2	26.7	27.4	26.9	23.7	26.8	28.7	28.2
Other	17.3	19.9	21.2	23.1	24.2	30.8	34.5	35.0	38.0	40.8
<i>Street Lighting</i>	15.0	17.6	19.2	20.9	21.8	27.6	30.6	31.6	32.6	33.1
<i>Temporary</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.2
<i>CEB</i>	2.2	2.2	1.9	2.0	2.2	3.0	3.8	3.0	4.9	7.4
<b>Total</b>	<b>1,176.4</b>	<b>1,229.3</b>	<b>1,358.5</b>	<b>1,449.8</b>	<b>1,491.7</b>	<b>1,607.0</b>	<b>1,682.0</b>	<b>1,752.2</b>	<b>1,855.1</b>	<b>1,950.5</b>
<b>Value sold (Rs.mn)</b>										
Domestic	933.1	939.5	1,134.0	1,445.6	1,617.3	1,749.2	1,817.5	1,986.4	2,215.0	2,392.5
Commercial	799.7	811.9	1,024.8	1,393.0	1,683.1	1,899.3	2,057.5	2,272.1	2,736.0	3,037.7
Industrial	731.3	785.6	906.6	999.0	1,116.5	1,171.9	1,248.3	1,262.0	1,526.4	1,672.0
<i>General</i>	688.5	724.9	868.8	960.7	1,071.9	1,128.1	1,208.8	1,216.1	1,472.5	1,616.6
<i>Irrigation</i>	42.8	60.7	37.8	38.3	44.6	43.8	39.5	45.9	54.0	55.4
Other	52.3	56.8	65.7	82.9	103.5	133.5	150.0	157.0	191.4	195.8
<b>Total</b>	<b>2,516.4</b>	<b>2,593.8</b>	<b>3,131.1</b>	<b>3,920.6</b>	<b>4,520.3</b>	<b>4,953.9</b>	<b>5,273.3</b>	<b>5,677.6</b>	<b>6,668.8</b>	<b>7,298.0</b>
<b>Average sales price (Rs./kWh)</b>										
Domestic	2.21	2.13	2.35	2.82	3.10	3.17	3.23	3.35	3.67	3.81
Commercial	2.51	2.43	2.76	3.39	4.01	4.02	4.04	4.14	4.77	4.98
Industrial	1.75	1.80	1.87	1.98	2.12	2.13	2.17	2.19	2.39	2.49
<i>General</i>	1.75	1.75	1.90	2.01	2.15	2.15	2.19	2.21	2.41	2.51
<i>Irrigation</i>	1.69	2.70	1.39	1.43	1.62	1.63	1.67	1.72	1.88	1.97
Other	3.02	2.85	3.10	3.60	4.28	4.34	4.35	4.49	5.04	4.80
<b>All tariff</b>	<b>2.14</b>	<b>2.11</b>	<b>2.30</b>	<b>2.70</b>	<b>3.03</b>	<b>3.08</b>	<b>3.14</b>	<b>3.24</b>	<b>3.59</b>	<b>3.74</b>
<b>Average no. of units per consumer (kWh)</b>										
Domestic	1,613	1,624	1,723	1,776	1,769	1,828	1,814	1,859	1,852	1,888
Commercial	12,787	12,961	13,771	14,861	14,960	16,426	17,229	17,761	17,907	18,317
Industrial	61,894	62,389	70,430	72,589	75,455	78,022	81,917	80,739	89,139	92,644
<i>General</i>	61,891	64,351	70,014	72,026	74,937	78,382	83,328	81,830	90,794	94,815
<i>Irrigation</i>	61,946	39,985	78,223	84,348	86,313	71,625	58,716	63,398	64,220	60,843
Other	59,599	68,419	67,843	71,391	71,610	85,748	93,190	95,480	95,368	94,979
<b>All consumers</b>	<b>4,003</b>	<b>4,043</b>	<b>4,327</b>	<b>4,486</b>	<b>4,520</b>	<b>4,747</b>	<b>4,848</b>	<b>4,903</b>	<b>5,077</b>	<b>5,218</b>

1 Revised

2 Provisional

Source: Central Electricity Board

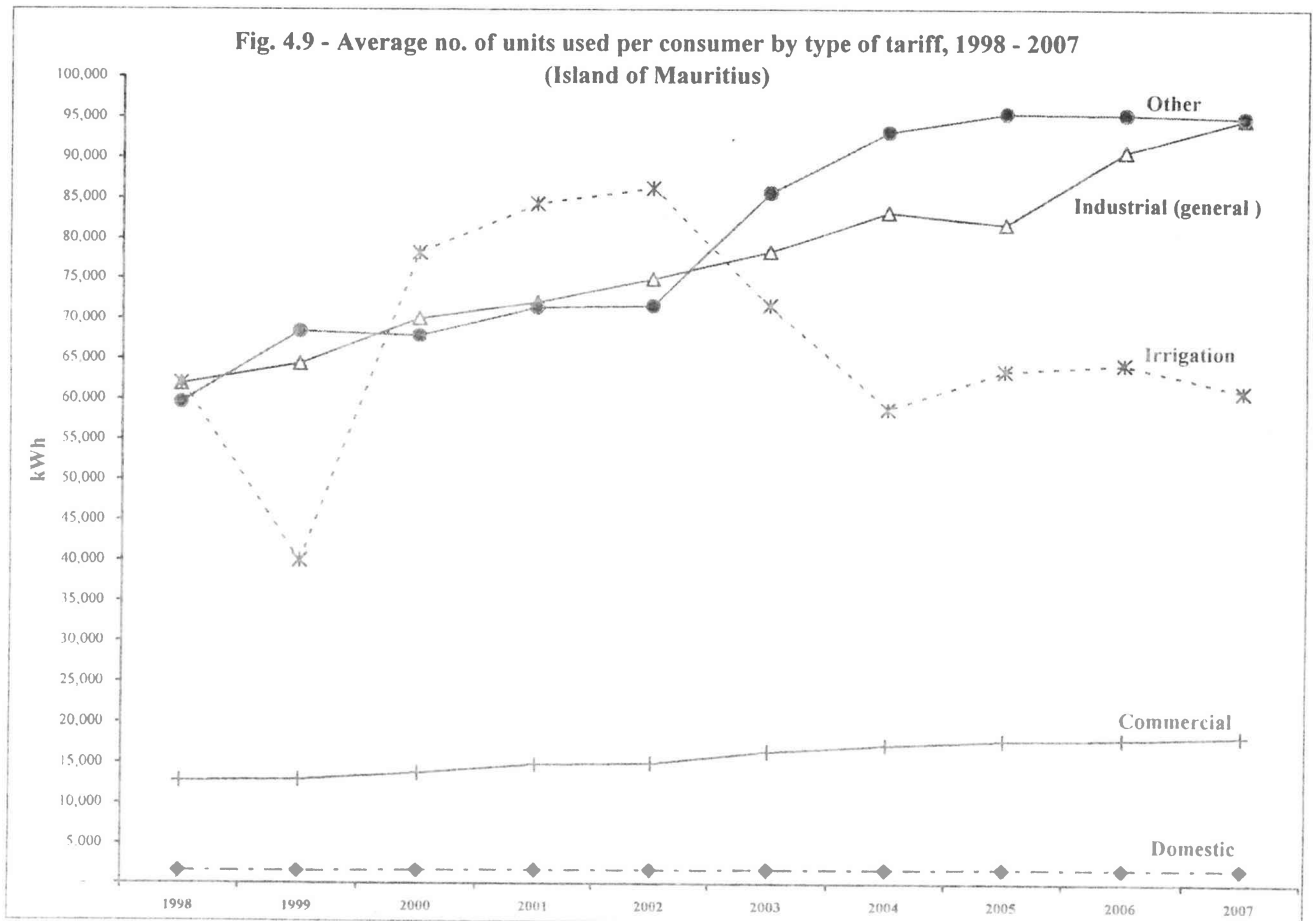
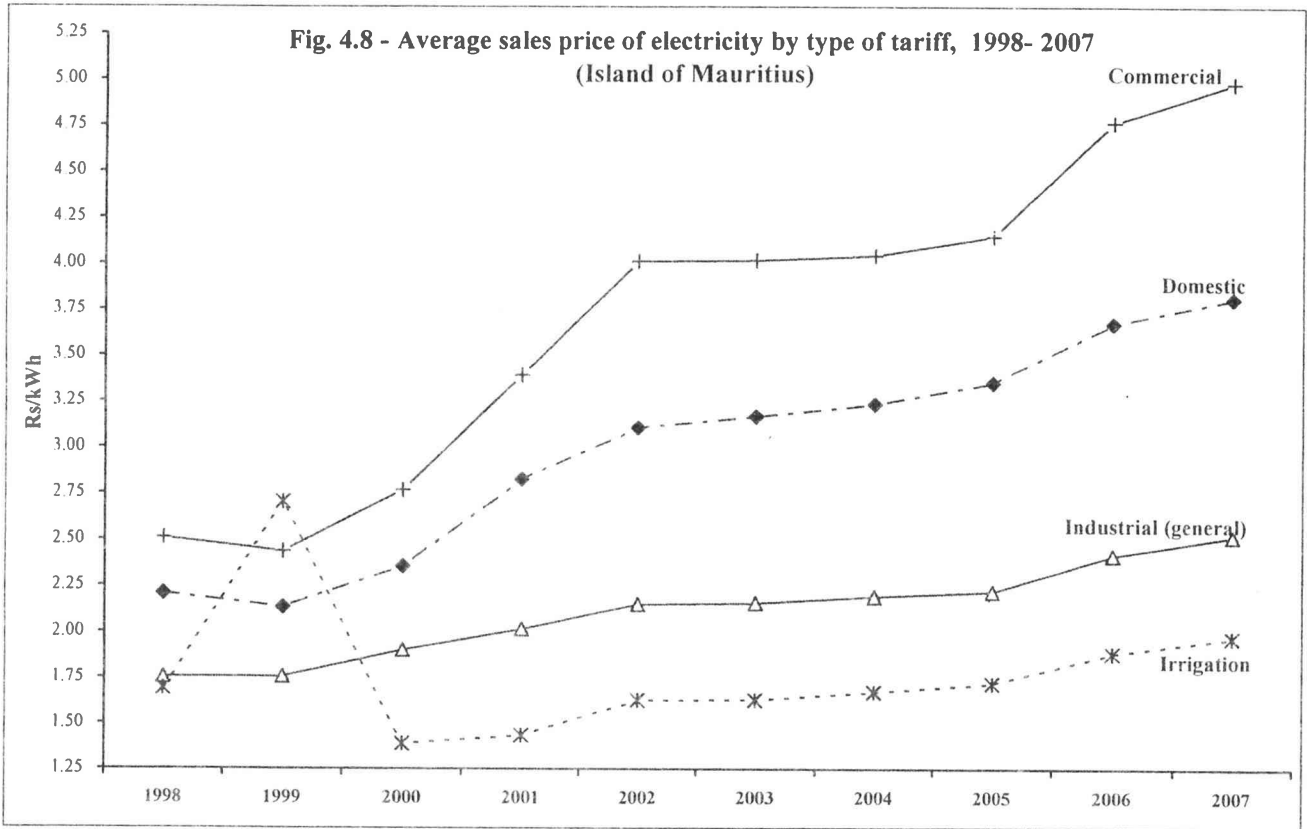
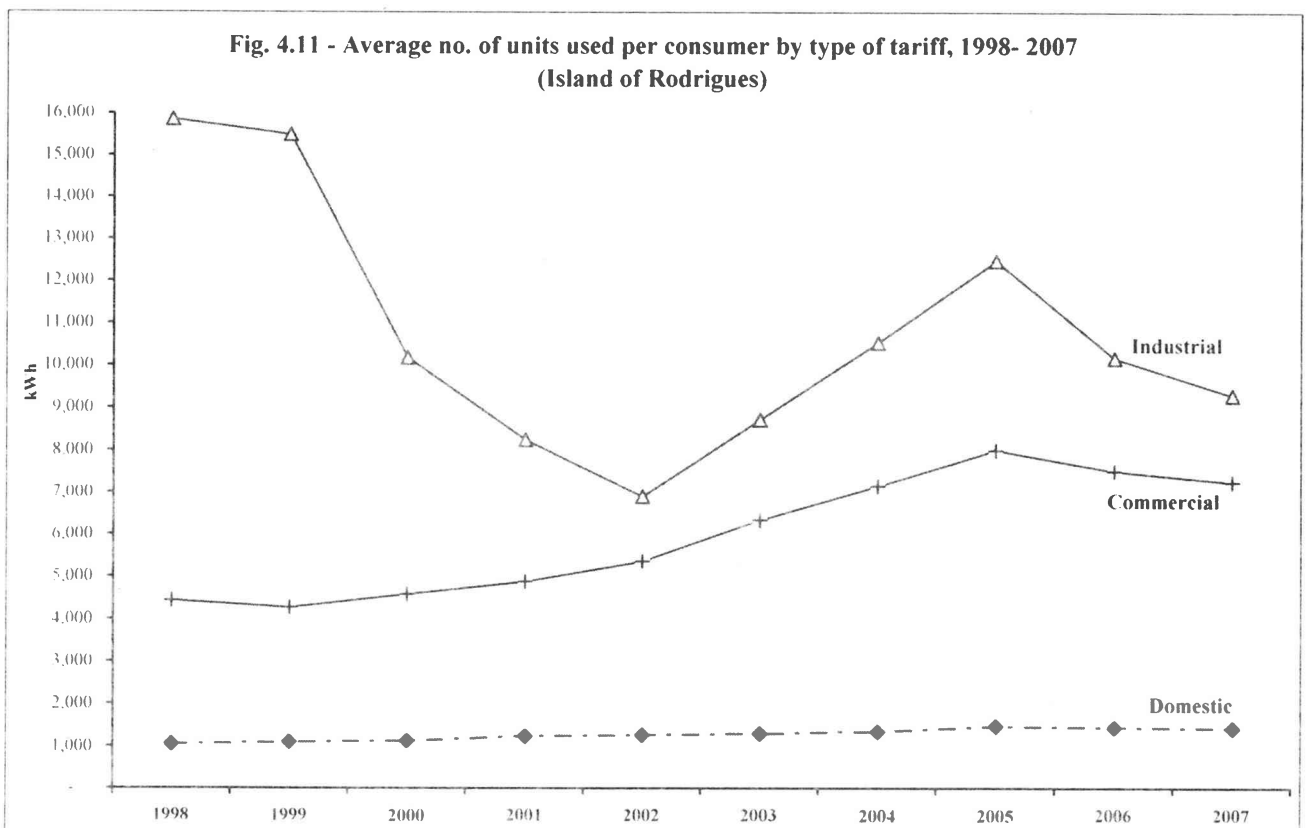
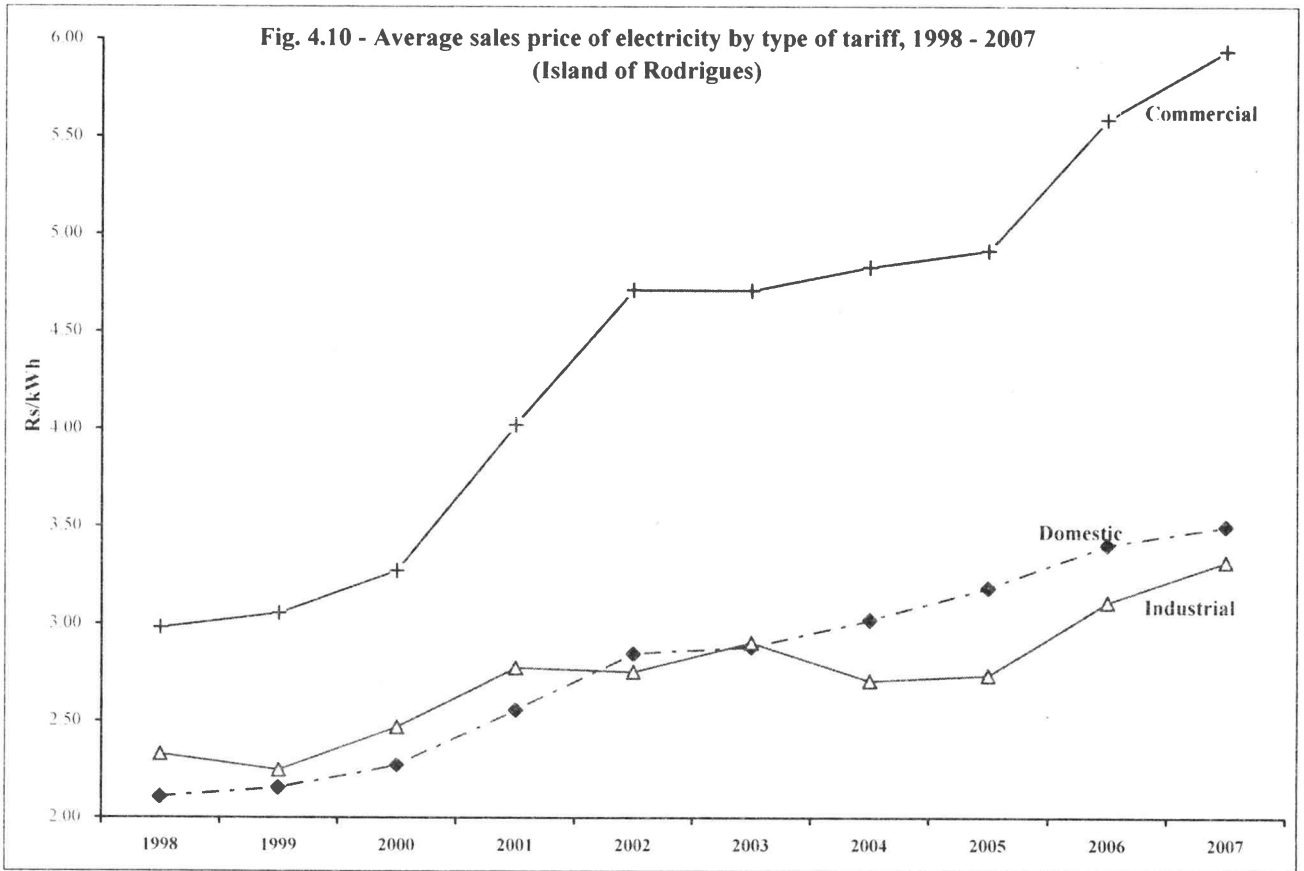


Table 4.9 - Sales of electricity by type of tariff, 1998 - 2007 (Island of Rodrigues)

Tariff group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Number of consumers</b>										
Domestic	8,010	8,371	8,634	8,727	8,954	9,136	9,347	9,651	9,986	10,242
Commercial	844	912	916	939	976	982	989	1,025	1,029	1,079
Industrial	103	109	129	143	184	161	173	184	188	190
Other	7	24	10	6	6	6	7	7	7	7
<b>Total</b>	<b>8,964</b>	<b>9,416</b>	<b>9,689</b>	<b>9,815</b>	<b>10,120</b>	<b>10,285</b>	<b>10,516</b>	<b>10,867</b>	<b>11,210</b>	<b>11,518</b>
<b>GWh sold</b>										
Domestic	8.5	9.3	9.8	10.8	11.4	12.0	12.6	14.3	14.4	14.6
Commercial	3.7	3.9	4.2	4.6	5.2	6.2	7.1	8.2	7.7	7.8
Industrial	1.6	1.7	1.3	1.2	1.3	1.4	1.8	2.3	1.9	1.8
Other	0.0	0.0	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6
<b>Total</b>	<b>13.9</b>	<b>14.9</b>	<b>15.6</b>	<b>16.8</b>	<b>18.2</b>	<b>19.8</b>	<b>21.9</b>	<b>25.2</b>	<b>24.7</b>	<b>24.7</b>
<b>Value sold (Rs.mn)</b>										
Domestic	18.0	20.0	22.3	27.7	32.5	34.4	38.2	45.4	49.1	50.9
Commercial	11.2	11.9	13.7	18.4	24.6	29.3	34.1	40.3	43.1	46.4
Industrial	3.8	3.8	3.2	3.3	3.5	4.1	4.9	6.3	5.9	5.9
Other	0.1	0.0	0.7	0.8	1.0	1.1	1.6	2.2	2.9	3.2
<b>Total</b>	<b>33.0</b>	<b>35.7</b>	<b>39.9</b>	<b>50.2</b>	<b>61.7</b>	<b>68.9</b>	<b>78.8</b>	<b>94.1</b>	<b>101.1</b>	<b>106.3</b>
<b>Average sales price (Rs./kWh)</b>										
Domestic	2.11	2.15	2.27	2.56	2.85	2.88	3.02	3.18	3.40	3.50
Commercial	2.98	3.05	3.27	4.02	4.71	4.71	4.83	4.91	5.59	5.93
Industrial	2.33	2.25	2.47	2.77	2.75	2.90	2.71	2.74	3.11	3.31
Other	3.19	3.17	2.90	3.50	4.20	4.20	4.36	4.49	5.05	5.33
<b>Average</b>	<b>2.37</b>	<b>2.40</b>	<b>2.57</b>	<b>2.98</b>	<b>3.40</b>	<b>3.47</b>	<b>3.60</b>	<b>3.73</b>	<b>4.10</b>	<b>4.30</b>
<b>Average no. of units per consumer (kWh)</b>										
Domestic	1,065	1,110	1,137	1,243	1,274	1,309	1,352	1,477	1,446	1,422
Commercial	4,434	4,266	4,576	4,873	5,359	6,336	7,145	8,006	7,505	7,243
Industrial	15,862	15,496	10,180	8,242	6,902	8,727	10,539	12,474	10,169	9,292
Other	2,409	603	22,715	39,793	41,148	44,122	53,047	69,034	81,968	84,841
<b>Average</b>	<b>1,553</b>	<b>1,581</b>	<b>1,605</b>	<b>1,716</b>	<b>1,794</b>	<b>1,930</b>	<b>2,083</b>	<b>2,323</b>	<b>2,199</b>	<b>2,148</b>

Source: Central Electricity Board







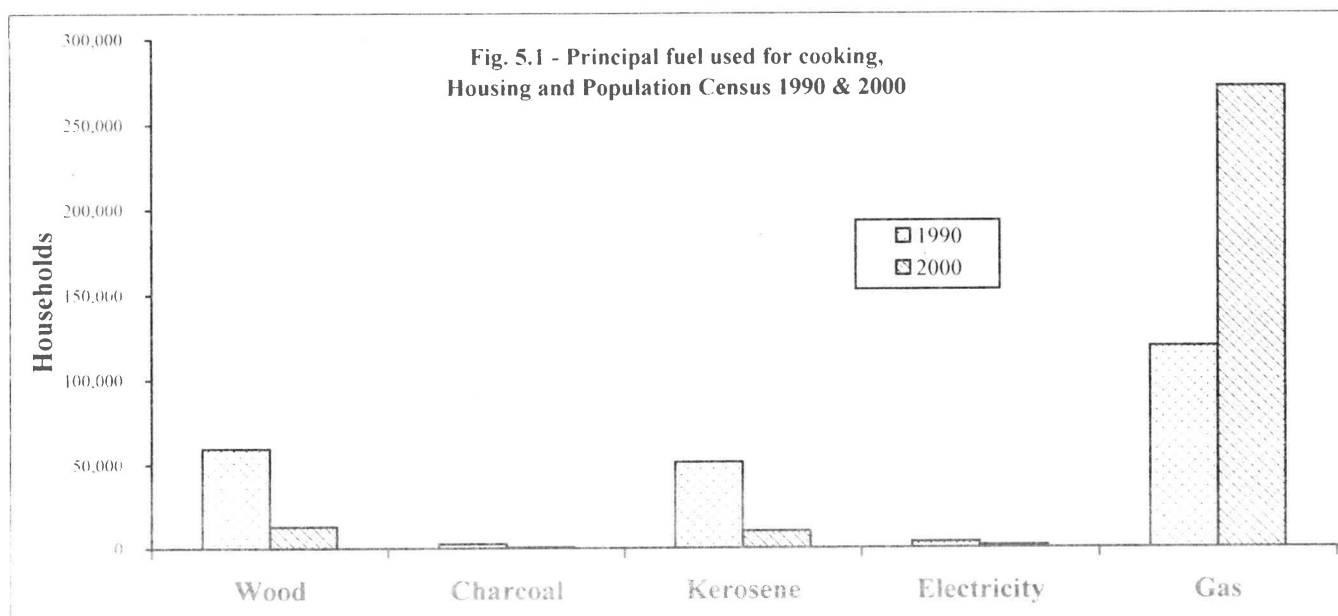
Section V  
Energy data from  
Housing and Population Census

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

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

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

Geographical location	Principal fuel used for cooking						Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	
<b>Housing and Population Census 1990</b>							
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
<b>Total</b>	<b>55,659</b>	<b>2,577</b>	<b>50,000</b>	<b>3,427</b>	<b>117,229</b>	<b>555</b>	<b>229,447</b>
	(24.3 %)	(1.1 %)	(21.8 %)	(1.5 %)	(51.1 %)	(0.2 %)	(100.0 %)
Island of Rodrigues	4,011	10	1,262	200	1,779	16	7,278
<b>Republic of Mauritius</b>	<b>59,670</b>	<b>2,587</b>	<b>51,262</b>	<b>3,627</b>	<b>119,008</b>	<b>571</b>	<b>236,725</b>
	(25.2 %)	(1.1 %)	(21.7 %)	(1.5 %)	(50.3 %)	(0.2 %)	(100.0 %)
<b>Housing and Population Census 2000</b>							
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
<b>Total</b>	<b>11,412</b>	<b>521</b>	<b>9,542</b>	<b>1,480</b>	<b>265,837</b>	<b>378</b>	<b>289,170</b>
	(4.0 %)	(0.2 %)	(3.3 %)	(0.5 %)	(91.9 %)	(0.1 %)	(100.0 %)
Island of Rodrigues	1,509	17	487	106	6,524	8	8,651
Agalega	2	-	-	-	58	-	60
<b>Republic of Mauritius</b>	<b>12,923</b>	<b>538</b>	<b>10,029</b>	<b>1,586</b>	<b>272,419</b>	<b>386</b>	<b>297,881</b>
	(4.3 %)	(0.2 %)	(3.4 %)	(0.5 %)	(91.5 %)	(0.1 %)	(100.0 %)

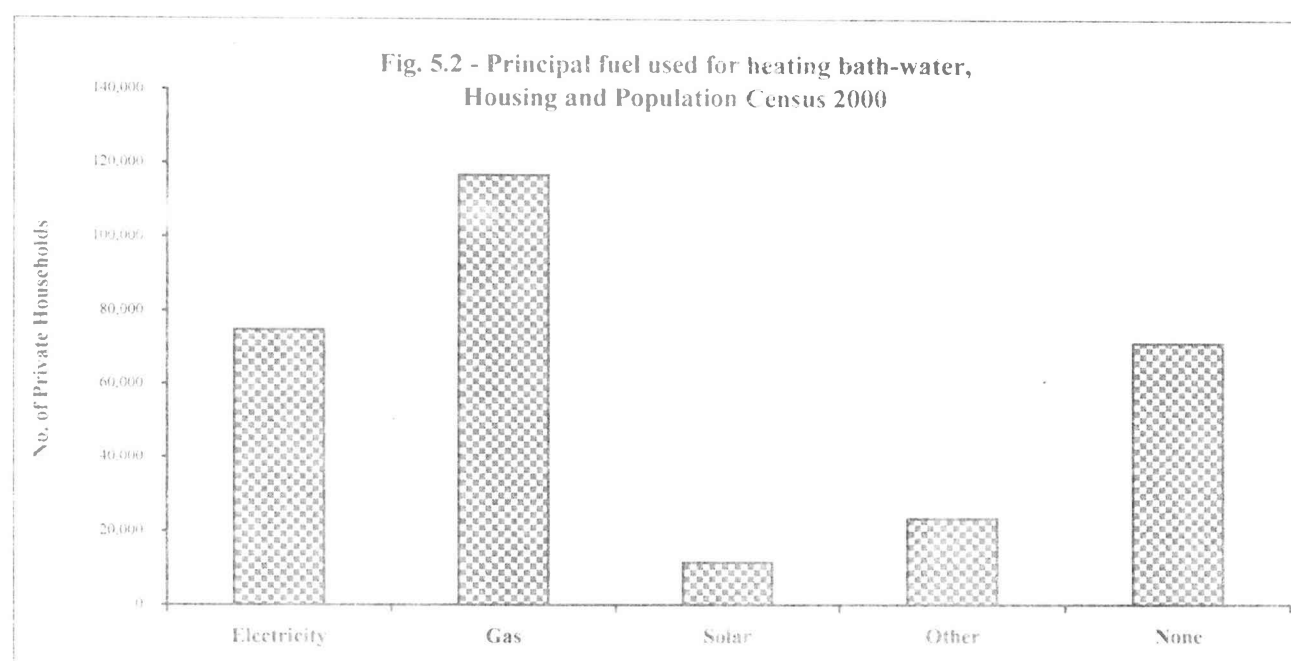


**Table 5.3 - Private households by geographical location of residence and principal fuel used for heating bath-water<sup>1</sup> - Housing and Population Census 2000**

Geographical location	Principal fuel used for heating bath-water					Total
	Electricity	Gas	Solar	Other	None <sup>2</sup>	
<b>Island of Mauritius</b>						
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
<b>Total</b>	<b>74,394</b> (25.7 %)	<b>116,308</b> (40.2 %)	<b>11,454</b> (4.0 %)	<b>23,239</b> (8.0 %)	<b>63,775</b> (22.1 %)	<b>289,170</b> (100.0 %)
<b>Island of Rodrigues</b>						
Agalega	-	12	-	-	48	60
<b>Republic of Mauritius</b>	<b>74,848</b> (25.1 %)	<b>116,791</b> (39.2 %)	<b>11,527</b> (3.9 %)	<b>23,393</b> (7.9 %)	<b>71,322</b> (23.9 %)	<b>297,881</b> (100.0 %)

<sup>1</sup> The water need not be heated in the bathroom

<sup>2</sup> Includes households where hot water is not regularly used for bathing



**Section VI**  
**Water Statistics**

**Table 6.1 - Water balance for *Island of Mauritius*, 2003 - 2007**

	Unit	2003	2004	2005	2006	2007
Rainfall	Mm <sup>3</sup>	4,006	4,233	4,423	3,571	3,644
Surface Runoff	Mm <sup>3</sup>	2,403	2,540	2,654	2,143	2,186
Evapotranspiration	Mm <sup>3</sup>	1,202	1,270	1,327	1,071	1,093
Net Recharge to Groundwater	Mm <sup>3</sup>	401	423	442	357	364

Source : Water Resources Unit, Ministry of Public Utilities

**Table 6.2 - Main water indicators<sup>1/</sup>, 2003 - 2007**

Details	Unit	2003	2004	2005	2006	2007
Mid-year population	thousand	1,186	1,197	1,206	1,216	1,223
Mean annual rainfall						
<i>Island of Mauritius</i>	Millimetres	2,148	2,270	2,372	1,914	1,954
<i>Island of Rodrigues</i>	Millimetres	1,320	1,134	1,275	1,189	945
Potable water produced	Mm <sup>3</sup>	184	185	195	187	205
Potable water consumed	Mm <sup>3</sup>	90	90	94	94	95
Potable water produced per capita per day	litres	425	423	442	421	460
Potable water consumed per capita per day	litres	207	206	213	212	213

1/ All data refer to *Island of Mauritius*, except for rainfall where figures are available for *Rodrigues* as well.



Table 6.3 - Water utilisation in Island of Mauritius by source of water, 2006 & 2007

Utilisation	2006				2007				Total
	Source of water		Total	Source of water		Total			
	River-run offtakes	Reservoirs		Ground water	Surface water		Ground water		
Domestic, Industrial, Commercial and Hotels	35	65	116	35	67	201			
Industrial from private boreholes	-	-	13	-	-	6			
Agricultural irrigation	347	81	25	338	78	423			
Hydropower	113	123	-	137	117	254			
<b>Total</b>	<b>495</b>	<b>269</b>	<b>154</b>	<b>510</b>	<b>262</b>	<b>884</b>			

Source: Water Resources Unit, Ministry of Public Utilities

Table 6.4 - Fresh water abstractions in Island of Mauritius for agricultural, domestic and industrial use by source, 1998 - 2007

Source	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Surface water	508	405	536	515	524	552	512	541	528	518
Reservoirs	119	61	147	125	128	169	167	154	146	145
Rivers and streams	389	344	389	390	396	383	345	387	382	373
Ground water	131	111	145	145	148	148	150	150	154	112
<b>Total</b>	<b>639</b>	<b>516</b>	<b>681</b>	<b>660</b>	<b>672</b>	<b>700</b>	<b>662</b>	<b>691</b>	<b>682</b>	<b>630</b>

Note: period does not refer to calendar year but to Hydrologic Year which is from November year (n-1) to October year (n)

Source: Water Resources Unit, Ministry of Public Utilities

Table 6.5 - Gross storage capacity in Island of Mauritius by location and use of reservoirs

Reservoir	La Nicoliere	Diamamoue	Eau Bleue	Mare aux Vacoas	Mare Longue	Midlands Dam	Piton du Milieu	Dagotiere	Valetta	La Ferme	Tamarin Falls	Total Storage Capacity
Capacity (Mm <sup>3</sup> )	5.3	4.3	4.1	25.9	6.3	25.5	3.0	0.6	3.0	11.5	2.3	90.7
District/ location	Pamplemousses	Grand Port		Pl. Wilhelms			Moka			Black River		
Use	Domestic, Irrigation & Industrial	Hydro-power		Domestic	Hydro-power & Irrigation	Domestic, Irrigation & Industrial	Domestic	Sugar mill & Irrigation	Irrigation	Irrigation	Hydro-power & Irrigation	

Source: Water Resources Unit, Ministry of Public Utilities

Table 6.6 - Mean rainfall, 2003 - 2007 (Island of Mauritius)

Period	Millimetres																		
	2003			2004			2005			2006			2007						
	Long Term Mean (1971-2000)	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						
<b>Year</b>	1,341	1,325	99	1,495	111	1,494	111	1,464	109	2,557	99	2,794	109	2,927	114	2,200	86	2,375	93
Jan	186	103	55	331	178	80	43	285	154	290	62	490	169	162	56	440	151	390	134
Feb	245	237	97	134	55	270	110	292	119	366	116	417	114	369	101	354	97	598	163
Mar	161	139	86	189	117	564	350	395	245	325	65	271	83	865	266	451	139	208	64
Apr	165	316	192	187	113	47	28	65	39	280	434	396	141	205	73	111	40	177	63
May	107	139	130	133	124	55	51	44	41	212	258	290	137	152	72	53	25	200	94
Jun	72	60	83	70	97	69	96	107	148	157	187	196	125	193	123	123	78	169	107
Jul	73	77	105	75	103	103	141	89	122	180	319	111	62	249	138	233	130	173	96
Aug	68	70	103	28	41	67	99	48	71	180	111	53	29	124	69	105	58	80	44
Sep	44	78	177	135	307	126	286	44	100	112	214	191	104	93	342	78	70	116	104
Oct	41	21	51	14	34	38	93	19	45	96	47	39	41	92	96	75	78	124	129
Nov	47	56	119	89	189	30	64	52	111	110	100	213	194	63	57	111	101	49	45
Dec	132	29	22	110	83	45	34	24	18	249	46	18	86	111	45	66	27	91	37
<b>Year</b>	2,065	2,403	116	2,474	120	2,435	118	2,646	127	918	107	900	98	1,079	118	749	64	1,028	116
Jan	260	136	52	464	178	167	64	455	175	167	93	270	162	82	49	223	133	186	111
Feb	336	352	105	355	106	448	133	482	143	219	192	189	86	207	94	167	76	528	241
Mar	243	265	109	231	95	657	270	658	271	112	83	118	105	515	459	221	197	84	75
Apr	245	579	236	364	149	141	58	129	53	97	319	72	74	39	40	5	5	1	1
May	180	229	127	226	126	144	80	73	41	56	83	30	54	40	72	27	49	4	8
Jun	123	142	115	147	120	195	158	127	103	33	36	35	106	16	49	6	19	84	253
Jul	116	216	186	107	92	191	165	242	209	25	47	17	68	24	96	24	96	25	100
Aug	114	117	103	51	45	95	83	124	108	26	29	8	31	28	108	3	12	17	67
Sep	79	173	219	152	192	220	278	117	148	20	23	14	70	83	415	9	46	6	32
Oct	74	34	46	42	57	58	78	83	111	18	6	7	39	14	77	0	0	40	219
Nov	86	97	113	154	179	44	51	98	114	31	27	33	106	13	41	41	132	14	47
Dec	209	63	30	181	87	75	36	58	28	114	41	107	94	18	16	14	12	39	34

Source: Mauritius Meteorological Services

Table 6.6-Mean rainfall, 2003 - 2007 (Island of Mauritius) (cont'd)

Period	Millimetres											
	2003		2004		2005		2006		2007		2007	
	Long Term Mean (1971-2000)	% 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
<b>Year</b>	<b>2,790</b>	<b>108</b>	<b>3,018</b>	<b>118</b>	<b>3,319</b>	<b>119</b>	<b>2,433</b>	<b>87</b>	<b>2,744</b>	<b>98</b>	<b>2,006</b>	<b>72</b>
Jan	354	56	197	74	180	51	443	125	503	142	261	94
Feb	464	106	490	94	557	120	357	77	844	182	336	121
Mar	337	80	269	119	961	285	563	167	228	68	242	87
Apr	293	178	521	132	153	52	100	34	181	62	221	80
May	210	169	354	160	190	91	66	32	170	81	159	73
Jun	163	120	195	123	185	114	124	76	151	93	115	70
Jul	181	174	315	72	257	142	279	154	180	99	120	88
Aug	192	85	163	40	175	91	113	59	94	49	122	44
Sep	126	194	245	113	348	276	109	86	102	81	81	63
Oct	102	64	65	58	102	100	99	97	151	148	70	25
Nov	105	113	119	192	84	80	117	111	56	53	80	76
Dec	263	32	85	110	127	48	63	24	84	32	199	75
<b>Center</b>												
<b>Year</b>	<b>2,270</b>	<b>107</b>	<b>2,148</b>	<b>113</b>	<b>2,372</b>	<b>118</b>	<b>1,914</b>	<b>85</b>	<b>2,270</b>	<b>100</b>	<b>2,006</b>	<b>88</b>
Jan	443	54	142	70	148	57	372	142	347	133	261	96
Feb	316	107	358	94	407	121	331	99	572	170	336	121
Mar	252	84	204	104	727	300	459	189	165	68	242	89
Apr	297	205	454	134	117	53	83	37	119	53	221	81
May	203	137	218	128	126	79	53	33	139	88	159	58
Jun	131	111	128	114	139	121	100	87	142	124	115	43
Jul	93	73	208	78	174	145	177	147	123	102	120	44
Aug	46	86	105	38	106	87	80	66	63	51	122	45
Sep	120	185	150	148	233	288	72	89	71	88	81	29
Oct	36	51	36	51	64	91	56	80	105	150	70	25
Nov	139	108	86	174	3	60	85	106	45	56	80	29
Dec	194	30	59	97	83	42	46	23	63	32	199	73
<b>Whole Island</b>												
<b>Year</b>	<b>2,270</b>	<b>107</b>	<b>2,148</b>	<b>113</b>	<b>2,372</b>	<b>118</b>	<b>1,914</b>	<b>85</b>	<b>2,270</b>	<b>100</b>	<b>2,006</b>	<b>88</b>
Jan	443	54	142	70	148	57	372	142	347	133	261	96
Feb	316	107	358	94	407	121	331	99	572	170	336	121
Mar	252	84	204	104	727	300	459	189	165	68	242	89
Apr	297	205	454	134	117	53	83	37	119	53	221	81
May	203	137	218	128	126	79	53	33	139	88	159	58
Jun	131	111	128	114	139	121	100	87	142	124	115	43
Jul	93	73	208	78	174	145	177	147	123	102	120	44
Aug	46	86	105	38	106	87	80	66	63	51	122	45
Sep	120	185	150	148	233	288	72	89	71	88	81	29
Oct	36	51	36	51	64	91	56	80	105	150	70	25
Nov	139	108	86	174	3	60	85	106	45	56	80	29
Dec	194	30	59	97	83	42	46	23	63	32	199	73

Source: Mauritius Meteorological Services

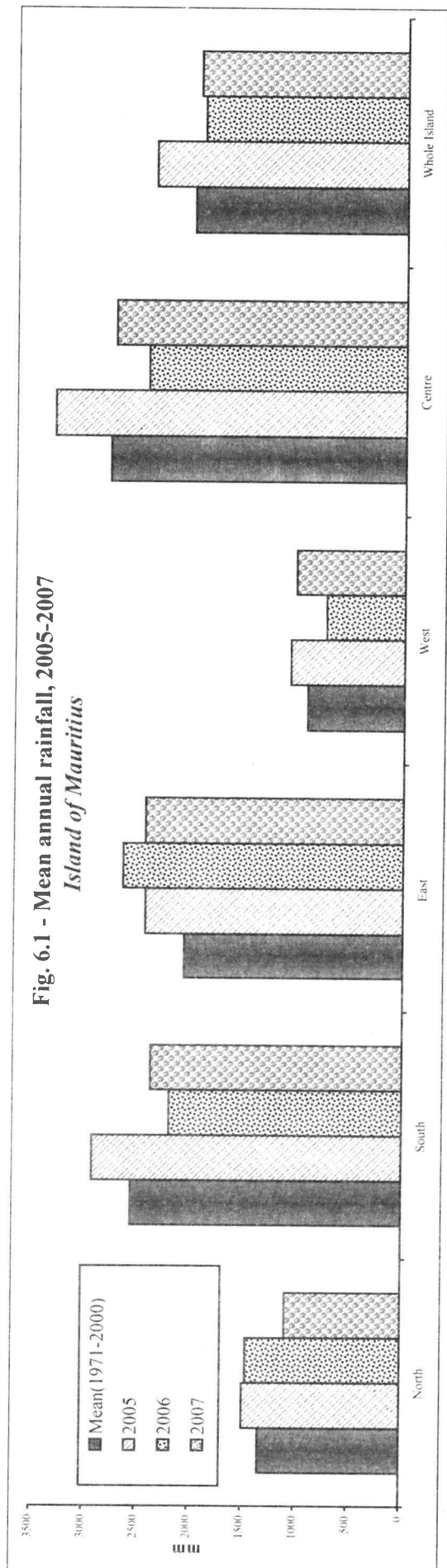


Table 6.7- Mean rainfall 2001-2007, Island of Rodrigues

Period	Millimetres																													
	Long Term Mean (1971-2000)	2001			2002			2003			2004			2005			2006			2007										
		Mean	Long Term	% of Long Term	Mean	Long Term	% of Long Term	Mean	Long Term	% of Long Term	Mean	Long Term	% of Long Term	Mean	Long Term	% of Long Term	Mean	Long Term	% of Long Term	Mean	Long Term	% of Long Term								
<b>Oyster Bay</b>																														
Year	999	911	96	1068	113	1021	108	1209	128	1230	130	999	76	1027	78	946	76	864	91	1105	117	1088	115	1126	119	1064	113	920	70	
Jan	39	65	37	98	57	112	70	167	173	68	39	39	23	111	64	722	45	132	108	116	95	226	185	66	54	48	40	158	131	
Feb	154	41	19	50	22	83	46	72	220	125	57	154	70	207	94	168	60	40	24	116	69	57	34	172	102	160	95	256	152	
Mar	201	43	29	211	141	187	131	107	150	142	95	201	134	81	54	125	17	214	171	145	116	116	93	212	170	418	334	78	62	
Apr	92	88	67	121	92	217	159	288	132	222	168	92	69	60	45	100	111	103	103	301	301	251	251	119	119	44	44	62	62	
May	63	123	145	35	41	79	129	237	85	115	136	63	74	53	63	72	67	50	69	90	124	191	265	129	179	40	55	39	57	
Jun	85	41	42	59	62	93	158	72	96	103	107	85	89	38	39	62	60	60	97	106	170	48	77	125	202	61	99	17	27	
Jul	185	127	129	91	92	31	52	45	99	131	133	185	188	99	100	53	66	125	37	41	77	37	70	94	177	137	256	67	126	
Aug	73	44	55	183	230	35	70	76	79	76	96	73	92	48	60	46	40	57	124	25	55	33	72	33	72	74	162	24	52	
Sep	48	211	369	74	130	89	290	52	57	111	195	48	84	61	107	32	167	522	45	141	236	43	134	87	272	20	62	36	112	
Oct	52	64	122	68	128	47	133	27	53	30	58	52	99	49	93	32	64	200	58	181	32	98	25	78	13	41	43	135	37	117
Nov	5	53	63	28	33	29	50	32	84	65	77	5	6	8	10	64	18	14	22	20	31	23	36	43	67	11	17	9	14	
Dec	2	11	13	50	59	19	35	34	84	42	50	2	2	212	253	70	2	54	77	14	20	38	54	33	47	8	11	137	195	
<b>Port Sud Est</b>																														
Year	2169	1234	112	1179	107	1306	118	1620	147	1381	125	1381	125	1231	120	1705	883	80	997	90	1320	119	1134	103	1275	115	1109	118	945	92
Jan	155	243	156	92	59	176	113	103	66	39	25	39	25	147	94	150	61	41	127	85	91	61	208	139	68	45	43	29	73	49
Feb	206	64	31	95	46	77	37	366	178	221	108	221	108	561	273	185	72	39	66	36	87	47	55	30	179	97	207	112	315	170
Mar	128	320	250	201	157	123	96	340	266	546	427	546	427	103	80	131	35	27	189	144	365	279	110	84	143	109	377	287	54	41
Apr	110	49	44	341	310	458	416	161	146	48	44	48	44	62	56	177	101	86	62	53	356	287	264	226	230	197	91	78	47	40
May	39	53	89	89	151	188	319	124	210	55	94	55	94	47	80	78	102	131	81	104	115	147	164	210	105	135	67	85	35	44
Jun	67	118	177	128	192	27	40	126	189	103	155	103	155	19	29	78	103	132	69	88	61	78	66	85	135	173	78	101	30	39
Jul	37	47	82	31	55	25	44	110	194	202	356	202	356	89	158	81	111	137	76	94	65	80	41	51	130	160	159	196	75	93
Aug	36	97	171	21	36	44	79	34	61	55	97	55	97	47	83	59	30	51	154	261	35	59	83	141	76	129	55	93	43	72
Sep	34	24	69	84	244	68	198	163	476	21	62	21	62	37	109	44	131	298	46	105	69	157	56	127	96	218	29	67	46	104
Oct	35	144	408	37	104	28	80	11	31	73	207	73	207	20	56	41	65	159	63	154	24	59	19	46	23	56	48	118	38	94
Nov	50	14	28	50	100	20	40	21	42	11	22	11	22	1	2	70	61	87	14	20	56	80	31	44	43	61	12	17	7	10
Dec	65	61	94	10	16	72	110	61	94	7	11	7	11	98	151	71	11	15	50	70	16	23	37	52	47	23	32	182	256	

Source: Mauritius Meteorological Services



Table 6.7 - Mean rainfall 2003-2007, Island of Rodrigues (cont'd)

Period	2003		2004		2005		2006		2007		
	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	
<b>Long Term Mean (1961-1990)</b>	<b>1,105</b>										
<b>Long Term Mean (1981-2000)</b>	<b>1,320</b>										
<b>Long Term Mean (1981-2000)</b>	<b>1,105</b>										
<b>Year</b>	<b>Whole Island</b>										
Jan	1,320	122	1,105	119	1134	103	1275	115	1189	108	92
Feb	156	138	150	61	208	139	68	45	43	29	49
Mar	213	208	185	47	55	30	179	97	207	112	170
Apr	152	51	131	278	110	84	143	109	377	287	41
May	152	129	117	287	264	225	230	197	91	78	40
Jun	99	63	78	146	164	209	105	134	67	85	44
Jul	96	26	78	78	66	86	135	174	78	101	39
Aug	92	130	81	80	41	51	130	161	159	196	93
Sep	80	44	59	59	83	139	76	128	55	93	72
Oct	53	185	44	157	56	127	96	219	29	67	104
Nov	55	148	41	60	19	47	23	56	48	118	94
Dec	89	4	70	79	31	45	43	61	12	17	10
	83	299	71	22	37	52	47	66	23	32	256

1/ Marechal became operational anew in 2007

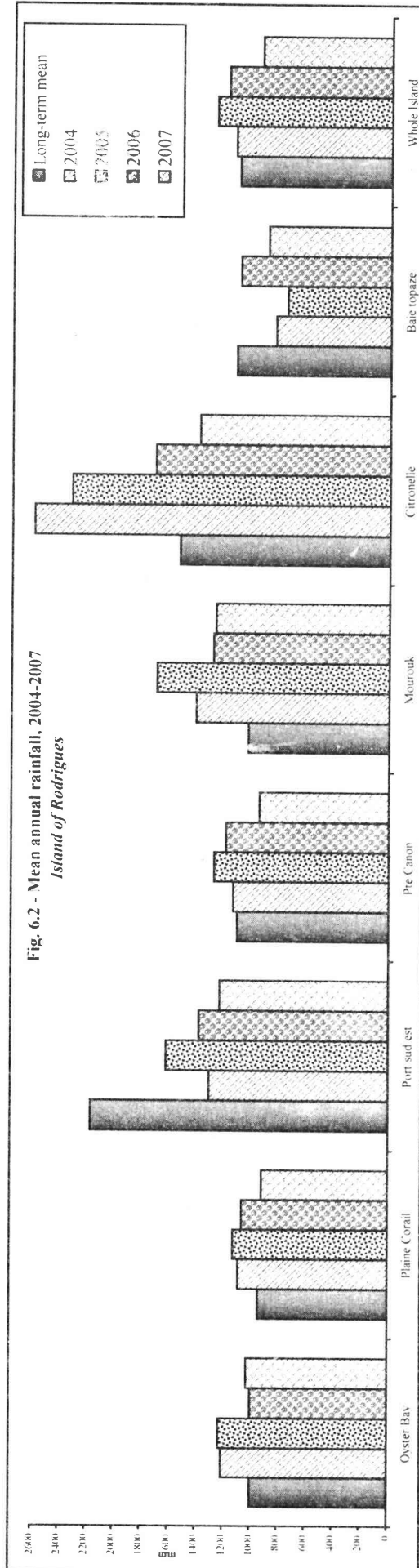


Fig. 6.2 - Mean annual rainfall, 2004-2007 Island of Rodrigues

Note: 'Long-term mean' refers to: 1971-2000 for Oyster Bay, Plaine Corail, Port Sud Est and Pre Canon; 1981-2000 for Mourouk and Citronelle; 1982-2000 for Citronelle and Baie Topaze; 1993-2000 for Baie Topaze.

Table 6.8- Percentage of water level by month and reservoir, 2003 - 2007 (Island of Mauritius)

Period	Average for 1990-1999 (%)	2003			2004			2005			2006			2007		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
<b>Mare aux Vacoas (Capacity 25.89 Mm<sup>3</sup>)</b>																
Jan	60	69	66	73	74	65	79	53	50	56	72	69	77	44	42	54
Feb	65	77	68	85	84	79	90	56	50	61	74	69	79	64	55	98
Mar	80	84	81	86	96	92	98	78	60	100	92	79	96	99	98	100
Apr	83	88	83	91	98	96	99	97	95	98	92	88	96	95	93	98
May	83	97	92	99	98	97	99	93	92	95	82	76	88	92	90	95
Jun	81	94	92	95	96	95	97	93	92	94	71	68	76	91	88	93
Jul	79	97	94	98	96	94	98	96	91	98	71	67	77	87	86	88
Aug	80	97	95	98	90	85	94	95	93	96	76	74	78	82	77	86
Sep	78	97	95	98	80	76	85	95	93	98	71	68	74	72	67	77
Oct	72	93	88	97	70	64	76	96	92	99	65	61	68	64	61	67
Nov	63	83	79	88	62	59	64	86	80	91	59	57	61	55	50	61
Dec	58	72	65	78	58	55	60	75	69	80	52	46	58	45	40	49
<b>La Nicoliere (Capacity 5.26 Mm<sup>3</sup>)</b>																
Jan	63	40	36	44	82	54	100	82	66	93	64	44	77	63	47	87
Feb	75	68	45	93	100	100	100	88	61	100	92	80	100	99	90	100
Mar	91	93	84	100	100	100	100	100	95	100	100	100	100	100	100	100
Apr	92	100	97	100	100	100	100	92	81	100	99	87	100	84	75	100
May	95	98	89	100	100	100	100	76	68	83	66	55	87	74	57	88
Jun	94	67	38	88	100	98	100	71	58	85	71	57	82	85	62	98
Jul	93	55	28	96	100	99	100	82	75	88	58	40	79	71	61	84
Aug	94	79	52	100	84	62	99	71	65	77	63	45	76	69	59	73
Sep	89	48	29	82	71	56	96	82	66	94	31	23	46	67	63	72
Oct	69	69	50	92	74	63	95	71	65	77	48	27	67	71	63	82
Nov	46	75	63	91	79	65	92	75	52	81	68	63	72	58	46	73
Dec	39	69	49	88	71	61	81	43	37	53	55	47	63	45	42	54
<b>Piton du Milieu (Capacity 2.99 Mm<sup>3</sup>)</b>																
Jan	64	69	65	74	77	46	100	74	70	75	75	56	99	69	63	97
Feb	72	90	74	100	100	99	100	85	69	100	99	95	100	100	99	100
Mar	88	99	97	100	100	99	100	100	99	100	100	99	100	99	98	100
Apr	89	100	98	100	100	99	100	98	93	100	96	92	99	97	95	99
May	91	100	98	100	99	98	100	89	85	93	81	72	91	98	94	99
Jun	86	97	94	99	94	91	98	85	83	86	64	57	71	98	95	100
Jul	83	99	98	100	97	92	99	95	85	100	61	54	76	91	89	95
Aug	83	99	97	100	83	73	91	94	89	98	83	76	86	87	82	91
Sep	81	97	95	100	67	65	73	96	89	100	88	86	89	75	71	82
Oct	73	89	79	97	63	58	66	96	88	99	83	80	87	69	68	71
Nov	60	70	64	79	57	55	59	79	71	88	79	74	82	66	62	69
Dec	57	54	45	64	63	57	73	64	56	70	74	67	80	54	48	62

Source : Water Resources Unit, Ministry of Public Utilities

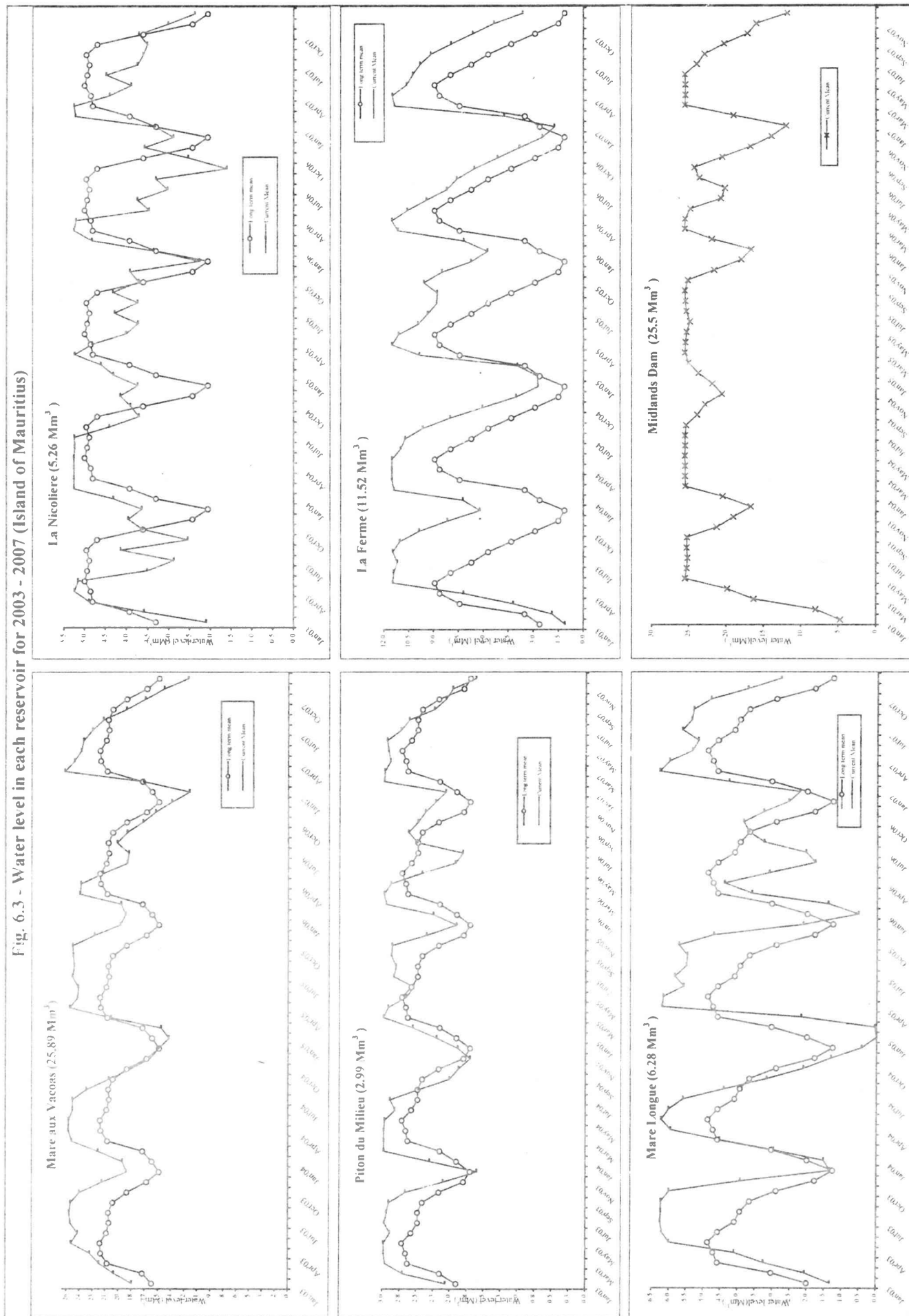
Table 6.8 - Percentage of water level by month and reservoir, 2003 - 2007 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2003			2004			2005			2006			2007			
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	
<b>La Ferme (Capacity 11.52 Mm<sup>3</sup>)</b>																	
Jan	23	10	9	11	63	45	86	24	22	25	50	43	56	15	13	22	
Feb	30	16	8	29	99	88	100	34	21	51	62	55	80	41	24	82	
Mar	64	36	30	43	100	100	100	86	52	100	97	80	100	99	85	100	
Apr	75	62	43	92	100	100	100	100	100	100	100	99	100	100	98	100	
May	77	100	94	100	100	100	100	96	91	100	92	86	98	92	88	97	
Jun	69	99	96	100	95	91	100	86	82	90	82	76	86	89	86	92	
Jul	58	97	94	100	93	88	96	81	80	82	71	69	76	85	83	88	
Aug	49	99	98	100	84	79	88	76	72	80	66	61	71	79	75	83	
Sep	37	96	93	98	69	61	79	76	72	82	57	52	61	69	64	75	
Oct	25	86	80	93	53	43	61	83	81	85	45	39	52	58	53	63	
Nov	13	71	63	79	35	29	42	74	66	81	33	29	39	46	39	53	
Dec	10	54	44	62	24	22	28	58	50	66	21	15	29	32	25	39	
<b>Mare Longue (Capacity 6.28 Mm<sup>3</sup>)</b>																	
Jan	32	21	19	22	24	4	36	0	0	0	9	0	17	35	32	51	
Feb	48	33	16	47	47	37	57	1	0	4	22	14	33	68	52	100	
Mar	73	52	48	57	72	58	84	34	4	94	57	32	71	100	99	100	
Apr	75	65	57	74	95	84	99	99	94	100	70	62	74	95	91	99	
May	77	96	76	100	99	98	100	98	94	100	49	37	62	85	81	91	
Jun	73	99	98	100	96	93	98	89	86	94	28	24	37	82	78	85	
Jul	65	100	98	100	89	79	95	93	88	95	33	25	45	89	85	93	
Aug	63	99	98	100	70	60	79	87	83	92	52	47	56	85	83	90	
Sep	58	99	98	100	50	43	60	87	83	93	59	56	60	84	83	85	
Oct	46	96	85	99	33	26	42	91	86	93	61	57	64	76	66	83	
Nov	28	63	43	84	21	17	25	75	59	86	52	47	56	59	52	66	
Dec	20	21	4	42	7	0	17	34	12	57	41	32	50	44	41	51	
<b>All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm<sup>3</sup>)</b>																	
Jan	49	47	45	49	66	51	78	44	41	47	59	52	65	40	37	52	
Feb	56	58	47	70	86	79	90	50	40	58	68	62	77	63	16	95	
Mar	77	71	69	74	95	91	97	76	38	98	90	77	95	99	95	100	
Apr	82	81	74	91	98	97	99	97	95	99	92	88	94	95	93	99	
May	83	97	92	99	99	98	99	93	91	95	79	72	87	90	86	94	
Jun	79	93	89	96	96	94	98	88	87	91	68	65	71	89	86	91	
Jul	75	93	88	98	95	91	97	91	87	92	64	60	71	85	84	87	
Aug	73	96	92	99	85	78	91	87	84	90	70	67	73	81	77	83	
Sep	68	92	90	95	72	70	77	89	84	93	63	60	67	72	68	77	
Oct	58	89	86	94	62	55	70	90	87	93	59	57	60	65	62	68	
Nov	46	76	70	85	52	50	54	80	71	86	55	52	57	55	48	61	
Dec	41	60	50	70	46	43	50	62	55	70	45	39	52	42	39	48	
<b>Midlands Dam (Capacity 25.5 Mm<sup>3</sup>)</b>																	
Jan	Impounding of reservoir started on 13 September 2002	24	19	31	80	66	96	93	91	94	65	59	76	47	43	63	
Feb		49	31	63	100	96	100	98	94	100	86	76	100	75	64	100	
Mar		70	64	78	100	99	100	100	100	100	100	100	100	100	99	100	
Apr		90	78	100	100	99	100	100	99	100	100	100	100	100	99	100	
May		100	100	100	100	100	100	100	99	96	100	97	91	100	100	99	100
Jun		100	99	100	100	99	100	100	97	94	99	81	73	90	100	99	100
Jul		99	99	100	100	99	100	100	99	96	100	79	74	88	94	91	99
Aug		100	99	100	99	99	99	100	99	99	100	92	89	94	90	85	94
Sep		100	99	100	94	89	99	100	100	100	100	95	90	97	79	73	85
Oct		94	83	99	89	85	91	98	93	100	80	71	89	67	64	73	
Nov		81	74	83	81	79	84	85	80	92	66	63	71	63	56	66	
Dec		69	63	74	86	81	90	70	59	80	53	46	63	46	36	56	

Source : Water Resources Unit, Ministry of Public Utilities



Fig. 6.3 - Water level in each reservoir for 2003 - 2007 (Island of Mauritius)



Note: Impounding of Midlands Dam started in September 2002

Table 6.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2003-2007 (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	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Total	Surface	Borehole	Total
	Mm <sup>3</sup>																	
<b>2003</b>	<b>33.3</b>	<b>6.1</b>	<b>39.4</b>	<b>28.4</b>	<b>11.6</b>	<b>31.0</b>	<b>18.5</b>	<b>20.7</b>	<b>39.2</b>	<b>8.5</b>	<b>14.5</b>	<b>23.0</b>	<b>9.2</b>	<b>14.0</b>	<b>23.2</b>	<b>88.8</b>	<b>95.3</b>	<b>184.1</b>
Jan	2.9	0.5	3.4	2.2	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
Feb	2.6	0.5	3.0	2.1	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
Mar	2.9	0.5	3.4	2.5	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
Apr	2.8	0.5	3.3	2.4	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
May	2.8	0.6	3.4	2.6	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
Jun	2.8	0.5	3.3	2.5	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
Jul	2.9	0.5	3.4	2.5	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
Aug	2.8	0.5	3.3	2.5	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
Sep	2.7	0.5	3.2	2.4	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
Oct	2.7	0.5	3.2	2.4	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
Nov	2.7	0.5	3.2	2.2	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
Dec	2.8	0.5	3.3	2.2	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
<b>2004</b>	<b>34.0</b>	<b>6.0</b>	<b>40.0</b>	<b>27.8</b>	<b>11.3</b>	<b>30.1</b>	<b>18.9</b>	<b>21.2</b>	<b>40.1</b>	<b>8.7</b>	<b>15.1</b>	<b>23.8</b>	<b>8.8</b>	<b>14.7</b>	<b>23.5</b>	<b>89.2</b>	<b>95.9</b>	<b>185.2</b>
Jan	2.9	0.5	3.4	2.3	1.2	2.9	1.6	1.8	3.3	0.7	1.3	2.0	0.7	1.2	1.9	7.6	8.2	15.8
Feb	2.7	0.5	3.2	2.4	1.1	2.6	1.5	1.7	3.1	0.7	1.2	1.8	0.8	1.2	1.9	7.1	7.9	15.0
Mar	2.9	0.5	3.4	2.5	0.9	2.6	1.6	1.8	3.4	0.7	1.2	2.0	0.8	1.3	2.1	7.7	8.2	15.9
Apr	2.8	0.5	3.3	2.4	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	6.7	8.2	14.9
May	2.9	0.5	3.4	2.5	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.3	2.1	6.8	8.3	15.1
Jun	2.8	0.5	3.3	2.4	1.0	2.7	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.5	8.0	15.5
Jul	2.9	0.5	3.4	2.4	0.8	2.7	1.6	1.8	3.4	0.7	1.3	2.0	0.8	1.2	2.0	7.8	8.1	15.8
Aug	2.9	0.5	3.4	2.3	0.9	2.7	1.6	1.8	3.4	0.7	1.2	1.9	0.8	1.2	2.0	7.8	8.0	15.7
Sep	3.0	0.5	3.5	2.2	0.7	2.6	1.6	1.8	3.4	0.8	1.4	2.1	0.7	1.2	1.9	7.8	7.8	15.6
Oct	2.9	0.5	3.4	2.1	0.9	2.7	1.6	1.9	3.4	1.0	1.4	2.3	0.7	1.2	1.9	7.8	8.0	15.8
Nov	2.7	0.5	3.2	2.1	0.7	2.4	1.6	1.8	3.4	0.8	1.3	2.1	0.6	1.3	1.9	7.3	7.6	15.0
Dec	2.8	0.5	3.3	2.2	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

Source: Central Water Authority

Table 6.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2003 - 2007 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)		Mare Aux Vacoas (Lower)		Port - Louis		District water supply - North		District water supply - South		District water supply - East		Total production									
	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Total	Surface	Borehole	Total				
	Mm <sup>3</sup>																					
<b>2005</b>	35.6	6.1	41.7	28.0	28.0	21.4	11.6	32.9	19.1	22.7	41.8	9.1	15.8	24.9	8.7	16.7	25.4	93.9	100.9	194.8	48%	52%
Jan	2.8	0.5	3.3	-	2.3	1.8	0.8	2.6	1.6	1.8	3.4	0.8	1.3	2.2	0.7	1.4	2.1	7.8	8.2	15.9	49%	51%
Feb	2.6	0.5	3.0	-	2.1	1.2	2.0	3.2	1.5	1.6	3.1	0.7	1.2	1.9	0.7	1.3	1.9	6.6	8.6	15.2	43%	57%
Mar	2.9	0.6	3.5	-	2.4	1.4	1.1	2.4	1.6	2.0	3.6	0.8	1.4	2.1	0.7	1.5	2.2	7.4	8.9	16.2	45%	55%
Apr	2.8	0.5	3.4	-	2.4	1.6	1.0	2.6	1.5	1.9	3.4	0.8	1.3	2.1	0.8	1.4	2.2	7.5	8.6	16.1	47%	53%
May	2.9	0.5	3.4	-	2.5	1.8	1.1	2.9	1.6	1.9	3.5	0.8	1.3	2.1	0.8	1.4	2.2	7.8	8.8	16.6	47%	53%
Jun	2.8	0.5	3.3	-	2.4	1.6	0.8	2.4	1.5	1.9	3.4	0.7	1.3	2.0	0.6	1.1	1.7	7.3	8.1	15.4	47%	53%
Jul	2.9	0.5	3.4	-	2.4	2.0	0.8	2.8	1.6	1.9	3.5	0.8	1.4	2.1	0.7	1.4	2.1	7.9	8.5	16.4	48%	52%
Aug	3.2	0.5	3.7	-	2.4	2.0	0.8	2.8	1.6	1.9	3.6	0.7	1.3	2.1	0.8	1.4	2.2	8.3	8.4	16.7	50%	50%
Sep	3.0	0.5	3.5	-	2.3	2.0	0.7	2.7	1.6	1.9	3.5	0.7	1.3	2.0	0.7	1.4	2.1	8.1	8.1	16.2	50%	50%
Oct	3.2	0.5	3.7	-	2.5	2.3	0.9	3.2	1.6	1.9	3.5	0.8	1.3	2.1	0.8	1.5	2.3	8.7	8.6	17.3	50%	50%
Nov	3.2	0.5	3.7	-	2.2	1.9	0.8	2.7	1.6	2.0	3.6	0.7	1.3	2.0	0.8	1.4	2.2	8.3	8.1	16.3	51%	49%
Dec	3.4	0.5	3.9	-	2.1	1.8	0.8	2.6	1.7	2.0	3.6	0.8	1.3	2.2	0.8	1.5	2.2	8.4	8.1	16.5	51%	49%
<b>2006</b>	36.8	5.8	42.6	17.8	17.8	21.0	10.4	31.4	20.2	22.3	42.4	9.3	16.0	25.2	8.8	18.5	27.3	96.0	90.8	186.8	51%	49%
Jan	3.4	0.5	3.9	-	0.5	1.8	0.8	2.7	1.6	2.0	3.6	0.8	1.4	2.2	0.8	1.4	2.2	8.5	6.5	15.0	57%	43%
Feb	3.1	0.5	3.5	-	0.5	1.8	0.8	2.6	1.5	1.5	3.0	0.7	1.2	1.9	0.8	1.4	2.2	7.8	5.8	13.7	57%	43%
Mar	3.5	0.5	4.0	-	0.5	1.2	1.8	2.9	1.6	1.6	3.2	0.8	1.3	2.1	0.8	1.6	2.4	7.9	7.3	15.2	52%	48%
Apr	3.4	0.5	3.9	-	0.5	1.9	0.8	2.7	1.6	1.6	3.2	0.8	1.3	2.1	0.8	1.5	2.3	8.5	6.1	14.6	58%	42%
May	3.4	0.5	3.8	-	0.5	2.0	0.7	2.7	1.6	2.0	3.6	0.8	1.3	2.1	0.8	1.5	2.3	8.5	6.5	15.0	57%	43%
Jun	3.0	0.5	3.5	-	2.2	1.8	0.8	2.7	1.6	1.9	3.5	0.7	1.3	2.0	0.8	1.5	2.3	8.0	8.2	16.2	49%	51%
Jul	3.0	0.5	3.6	-	2.4	1.9	0.8	2.8	1.6	2.0	3.6	0.8	1.3	2.1	0.8	1.6	2.4	8.1	8.6	16.7	48%	52%
Aug	2.9	0.5	3.4	-	2.3	1.9	0.8	2.7	1.5	2.1	3.6	0.8	1.4	2.2	0.7	1.6	2.3	7.8	8.0	16.4	47%	53%
Sep	2.7	0.5	3.2	-	2.2	1.8	0.8	2.6	1.5	2.0	3.5	0.8	1.4	2.1	0.7	1.5	2.2	7.5	8.3	15.8	48%	52%
Oct	2.9	0.5	3.3	-	2.2	1.8	0.7	2.6	1.8	2.0	3.8	0.8	1.4	2.2	0.7	1.7	2.3	8.0	8.5	16.5	48%	52%
Nov	2.6	0.4	3.1	-	2.1	1.6	0.7	2.3	2.0	1.9	3.8	0.8	1.4	2.1	0.6	1.7	2.3	7.5	8.2	15.7	48%	52%
Dec	2.9	0.4	3.3	-	2.1	1.5	0.8	2.2	2.2	1.8	4.0	0.8	1.4	2.2	0.7	1.6	2.3	8.0	8.1	16.1	50%	50%

Source: Central Water Authority

Table 6.9- Average monthly potable water production from treatment plants and boreholes to distribution systems, 2003 - 2007 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)		Mare Aux Vacoas (Lower)		Port-Louis		District water supply - North		District water supply - South		District water supply - East		Total production									
	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Total	Surface	Borehole					
2007	38.6	6.1	44.7	-	31.6	20.3	11.0	31.3	23.7	22.1	45.8	9.2	16.3	25.5	8.6	18.0	26.6	100.5	105.0	205.5	49%	51%
Jan	2.9	0.4	3.3	-	2.1	1.6	0.7	2.3	2.1	1.8	3.9	0.7	1.6	2.3	0.8	1.3	2.1	8.1	7.9	15.9	51%	49%
Feb	2.8	0.5	3.2	-	2.0	1.5	0.7	2.2	2.0	1.7	3.7	0.7	1.1	1.8	0.6	1.6	2.2	7.6	7.6	15.1	50%	50%
Mar	3.3	0.5	3.7	-	2.2	1.6	1.3	2.9	2.2	1.9	4.1	0.8	1.4	2.2	0.8	1.7	2.5	8.6	9.0	17.6	49%	51%
Apr	3.2	0.5	3.7	-	2.5	1.7	0.9	2.5	2.1	1.9	4.0	0.7	1.4	2.1	0.8	1.6	2.3	8.4	8.7	17.1	49%	51%
May	3.3	0.5	3.9	-	2.6	1.8	0.8	2.6	2.1	2.1	4.1	0.8	1.4	2.2	0.7	1.7	2.4	8.7	9.0	17.7	49%	51%
Jun	3.2	0.5	3.7	-	2.3	1.7	0.7	2.5	2.0	1.9	3.9	0.8	1.4	2.2	0.7	1.6	2.3	8.4	8.4	16.8	50%	50%
Jul	3.4	0.6	3.9	-	3.1	1.8	1.2	3.0	1.7	2.1	3.7	0.7	1.3	2.1	0.8	1.4	2.2	8.4	9.6	17.9	47%	53%
Aug	3.5	0.5	4.0	-	3.1	1.9	1.0	2.9	1.8	2.0	3.8	0.8	1.3	2.1	0.8	1.4	2.1	8.7	9.3	17.9	48%	52%
Sep	3.2	0.5	3.7	-	2.8	1.8	1.0	2.8	1.7	2.0	3.7	0.8	1.4	2.1	0.7	1.4	2.1	8.2	9.0	17.3	48%	52%
Oct	3.3	0.6	3.8	-	3.1	1.8	1.0	2.8	2.1	1.6	3.6	0.8	1.4	2.2	0.6	1.5	2.1	8.6	9.0	17.6	49%	51%
Nov	3.5	0.5	4.0	-	3.1	1.7	1.0	2.7	2.1	1.6	3.7	0.9	1.5	2.3	0.7	1.5	2.2	8.8	9.1	17.9	49%	51%
Dec	3.2	0.5	3.7	-	2.8	1.5	0.9	2.4	2.0	1.6	3.5	0.8	1.3	2.1	0.7	1.5	2.1	8.2	8.5	16.7	49%	51%

Source: Central Water Authority

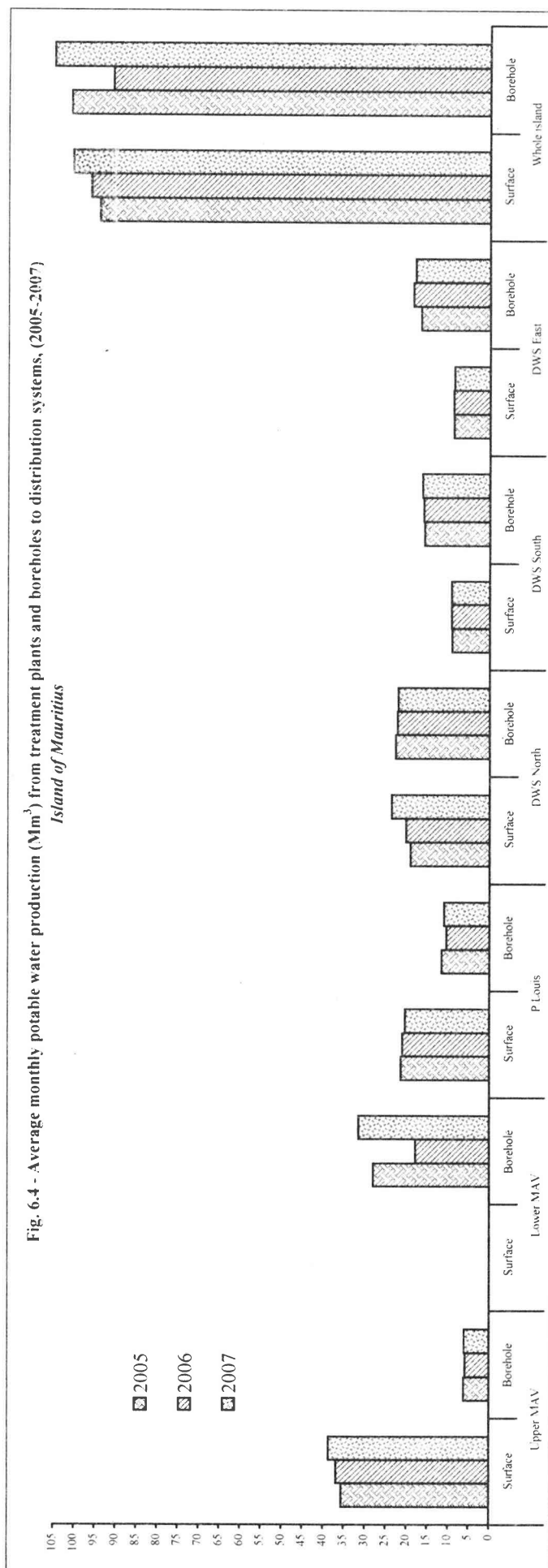


Table 6.10 - Water sales by type of tariff of subscriber, 2003 - 2007 (Island of Mauritius)

Type of tariff	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
	No. of subscribers					% distribution of subscribers				
Domestic	250,752	258,381	265,763	272,269	278,625	93.8	93.9	93.9	93.8	93.4
Government	3,614	3,585	3,708	3,763	3,879	1.4	1.3	1.3	1.3	1.3
Acquired / concessionary prizes	48	47	45	45	43	0.0	0.0	0.0	0.0	0.0
Commercial	9,455	9,638	9,823	10,102	11,260	3.5	3.5	3.5	3.5	3.8
Hotels, Guest Houses	192	188	197	206	224	0.1	0.1	0.1	0.1	0.1
Industrial	762	746	741	736	744	0.3	0.3	0.3	0.3	0.2
<b>Sub total</b>	<b>264,823</b>	<b>272,585</b>	<b>280,277</b>	<b>287,121</b>	<b>294,775</b>	<b>99.1</b>	<b>99.0</b>	<b>99.0</b>	<b>98.9</b>	<b>98.9</b>
Vegetable & Livestock producers	2,164	2,377	2,632	2,871	3,129	0.8	0.9	0.9	1.0	1.0
<b>Total potable water</b>	<b>266,997</b>	<b>274,962</b>	<b>282,909</b>	<b>289,992</b>	<b>297,904</b>	<b>99.9</b>	<b>99.9</b>	<b>99.9</b>	<b>99.9</b>	<b>99.9</b>
<b>Total non-treated water (agriculture/Industrial)</b>	<b>253</b>	<b>254</b>	<b>267</b>	<b>276</b>	<b>278</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
<b>Grand Total</b>	<b>267,250</b>	<b>275,216</b>	<b>283,176</b>	<b>290,268</b>	<b>298,182</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Volume sold (thousand m <sup>3</sup> )					% Consumption				
Domestic	70,253	70,562	73,055	73,158	73,007	67.7	68.9	67.8	67.4	66.0
Government	4,228	4,285	4,632	4,631	4,686	4.1	4.2	4.3	4.3	4.2
Acquired / concessionary prizes	23	20	19	17	16	0.0	0.0	0.0	0.0	0.0
Commercial	5,573	5,653	5,790	5,987	6,743	5.4	5.5	5.4	5.5	6.1
Hotels, Guest Houses	3,644	3,694	4,080	4,267	4,429	3.5	3.6	3.8	3.9	4.0
Industrial	4,988	4,775	4,770	4,712	4,827	4.8	4.7	4.4	4.3	4.4
<b>Sub total</b>	<b>88,708</b>	<b>88,989</b>	<b>92,344</b>	<b>92,772</b>	<b>93,708</b>	<b>85.5</b>	<b>86.9</b>	<b>85.6</b>	<b>85.4</b>	<b>84.7</b>
Vegetable & Livestock producers	1,103	1,131	1,322	1,433	1,421	1.1	1.1	1.2	1.3	1.3
<b>Total potable water</b>	<b>89,812</b>	<b>90,121</b>	<b>93,666</b>	<b>94,205</b>	<b>95,129</b>	<b>86.5</b>	<b>88.0</b>	<b>86.9</b>	<b>86.7</b>	<b>86.0</b>
<b>Total non-treated water (agriculture/Industrial)</b>	<b>13,993</b>	<b>12,265</b>	<b>14,161</b>	<b>14,412</b>	<b>15,490</b>	<b>13.5</b>	<b>12.0</b>	<b>13.1</b>	<b>13.3</b>	<b>14.0</b>
<b>Grand Total</b>	<b>103,805</b>	<b>102,386</b>	<b>107,827</b>	<b>108,617</b>	<b>110,619</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Amount collectible Rs.(000)					Average sales price (Rs/m <sup>3</sup> )				
Domestic	505,750	502,533	523,112	551,036	549,907	7.20	7.12	7.16	7.53	7.53
Government	77,117	76,023	77,890	82,060	84,235	18.24	17.74	16.82	17.72	17.98
Acquired / concessionary prizes	169	138	125	123	117	7.46	6.93	6.73	7.16	7.31
Commercial	92,332	93,477	95,712	101,014	115,157	16.57	16.54	16.53	16.87	17.08
Hotels, Guest Houses	106,544	108,072	119,215	124,867	129,650	29.24	29.25	29.22	29.26	29.27
Industrial	74,734	72,079	71,797	71,250	72,998	14.98	15.10	15.05	15.12	15.12
<b>Sub total</b>	<b>856,645</b>	<b>852,323</b>	<b>887,851</b>	<b>930,350</b>	<b>952,064</b>	<b>9.66</b>	<b>9.58</b>	<b>9.61</b>	<b>10.03</b>	<b>10.16</b>
Vegetable & Livestock producers	8,615	8,833	10,109	11,176	11,282	7.81	7.81	7.65	7.80	7.94
<b>Total potable water</b>	<b>865,260</b>	<b>861,155</b>	<b>897,960</b>	<b>941,526</b>	<b>963,346</b>	<b>9.63</b>	<b>9.56</b>	<b>9.59</b>	<b>9.99</b>	<b>10.13</b>
<b>Total non-treated water (agriculture/Industrial)</b>	<b>38,420</b>	<b>36,295</b>	<b>36,565</b>	<b>38,224</b>	<b>41,120</b>	<b>2.75</b>	<b>2.96</b>	<b>2.58</b>	<b>2.65</b>	<b>2.65</b>
<b>Grand Total</b>	<b>903,680</b>	<b>897,450</b>	<b>934,526</b>	<b>979,750</b>	<b>1,004,466</b>	<b>8.71</b>	<b>8.77</b>	<b>8.67</b>	<b>9.02</b>	<b>9.08</b>

Source: Central Water Authority



## Section VII

# Water data from Housing and Population Census

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

Geographical location	Water supply							Total
	Piped water			Tank wagon	Well/river	Other	Not stated	
	Inside living quarter	Outside living quarter	Outside premises/ public fountain					
<b>Housing and Population Census 1990</b>								
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
<b>Total</b>	<b>131,689</b> (57.4%)	<b>77,031</b> (33.6%)	<b>12,196</b> (5.3%)	<b>389</b> (0.2%)	<b>510</b> (0.2%)	<b>7,530</b> (3.3%)	<b>22</b> (0.0%)	<b>229,367</b> (100.0%)
Island of Rodrigues	849	2,317	1,265	19	2,582	236	-	7,268
<b>Republic of Mauritius</b>	<b>132,538</b> (56.0%)	<b>79,348</b> (33.5%)	<b>13,461</b> (5.7%)	<b>408</b> (0.2%)	<b>3,092</b> (1.3%)	<b>7,766</b> (3.3%)	<b>22</b> (0.0%)	<b>236,635</b> (100.0%)
<b>Housing and Population Census 2000</b>								
Island of Mauritius								
Port Louis	25,245	6,945	333	10	2	216	2	32,753
Pamplemousses	24,093	5,498	78	14	16	187	-	29,886
Riviere du Rempart	20,220	3,912	140	3	-	167	-	24,442
Flacq	22,763	7,207	154	13	9	565	2	30,713
Grand Port	22,202	3,882	66	54	20	452	-	26,676
Savanne	13,801	2,526	123	0	17	351	-	16,818
Plaines Wilhems	89,868	3,636	14	4	9	230	1	93,762
Moka	16,134	2,171	24	28	11	172	1	18,541
Black River	11,879	3,085	181	7	12	414	1	15,579
<b>Total</b>	<b>246,205</b> (85.1%)	<b>38,862</b> (13.4%)	<b>1,113</b> (0.4%)	<b>133</b> (0.0%)	<b>96</b> (0.0%)	<b>2,754</b> (1.0%)	<b>7</b> (0.0%)	<b>289,170</b> (100.0%)
Island of Rodrigues	3,163	4,270	359	67	410	382	-	8,651
Agalega	-	-	-	-	-	60	-	60
<b>Republic of Mauritius</b>	<b>249,368</b> (83.7%)	<b>43,132</b> (14.5%)	<b>1,472</b> (0.5%)	<b>200</b> (0.1%)	<b>506</b> (0.2%)	<b>3,196</b> (1.1%)	<b>7</b> (0.0%)	<b>297,881</b> (100.0%)

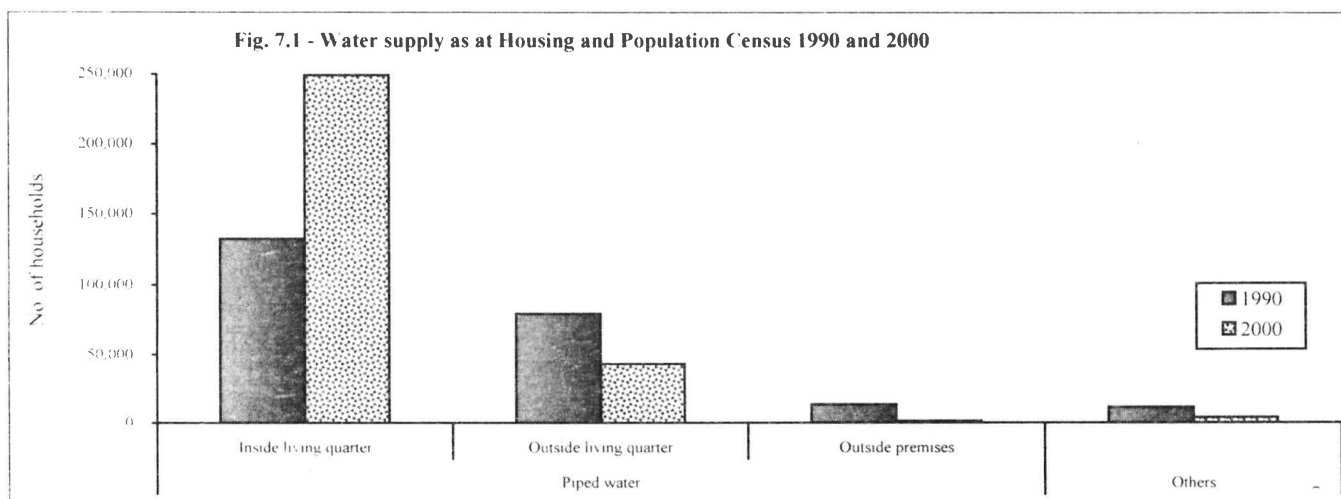




Table 7.2 - Private households by geographical location of residence and availability of water tank and connection to sewerage system  
- Housing and Population Census 2000

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





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