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OF
ENERGY AND WATER
STATISTICS - 2008**

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DIGEST OF ENERGY AND WATER STATISTICS - 2008

FOREWORD

This is the eleventh issue of a regular publication of the Central Statistics Office on energy and water statistics. It presents latest statistics on energy for the years 1999 to 2008, and on water for the period 2004 to 2008. 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 ³	Cubic metres
max	Maximum
min	Minimum
mm	Millimetres
Mm ³	Million cubic metres
mn	Million
toe	Tonne of oil equivalent
ktoe	Thousand tonnes of oil equivalent
c.i.f	Cost, insurance and freight
LPG	Liquefied Petroleum Gas
DPK	Dual Purpose Kerosene
MW	Megawatt (1,000 kW)
kWh	Kilowatt hour
GWh	Gigawatt hour (million kWh)
CEB	Central Electricity Board
IPP	Independent Power Producers
GDP	Gross Domestic Product
Rod.	Island of Rodrigues
	* * * * *

Glossary

Energy sector

Bagasse	A cellulosic residue left after sugar is extracted from sugar cane. It is mostly used as 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"> - <i>Installed capacity</i>: The nameplate capacity of the generator set. - <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. - <i>Effective capacity</i>: It is the plant capacity less any amount of derated capacity from the install capacity.
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 ⁰ C and 380 ⁰ 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 intensity	Provides a measure of the efficiency with which energy is being used in production.
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 41.868 gigajoules.
Final Energy Consumption	Energy consumption by final user- i.e. energy which is not being used for transformation into other forms of energy. The consumption by sector is presented as follows:

Agriculture: Energy used for irrigation and by other agricultural equipments;
Commercial & distributive trade: Energy consumed by the business and commercial sector;
Residential: Consumption of energy by residential sector;
Manufacturing: Consumption in industry and construction; and
Transport: Includes consumption by land vehicles, ships and local aircrafts.

Fossils fuels	Formed from the fossilized remains of dead plants and animals by exposure to heat and pressure in the Earth's crust over hundreds of millions of years.
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 ⁰ C and 300 ⁰ 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 ⁶ 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 (transmission / distribution losses)	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.
Peak demand	Peak demand, peak load or on peak are terms used in energy demand management describing a period in which electrical power is expected to be provided for a sustained period at a significantly higher than the average supply level. Peak demand fluctuations may occur on daily, monthly seasonal and yearly cycles.
Petroleum products	The primary source of petroleum products is crude oil. Petroleum or crude oil is a naturally occurring, flammable liquid found in rock formations in the Earth. Diesel oil, fuel oils, Gasolene, Kerosene and Liquefied petroleum gas(LPG) are among the major products of oil refineries.
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.

Water Sector

Evapotranspiration	Combined loss of water by evaporation from the soil or surface.
Groundwater recharge	Process by which water is added from outside to fresh water found beneath the earth surface.
Surface runoff	The flow of surface water, from rainfall, which flows directly to streams, rivers, lakes and the sea.
Water Balance	The water balance is based on long term records of annual average rainfall and indicates how freshwater resources are distributed.
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
Bagasse	1	0.16
Charcoal	1	0.74
Coal	1	0.62
Diesel Oil	1	1.01
Dual Purpose Kerosene (DPK)	1	1.04
Fuel oil	1	0.96
Fuelwood	1	0.38
Gasolene	1	1.08
Liquefied Petroleum Gas (LPG)	1	1.08
	GWh	toe
Electricity	1	86
Hydro/Wind	1	86

* 1 toe = 41.84 gigajoule (net calorific value)

ENERGY AND WATER STATISTICS, 2008 – An overview

Introduction

This issue of the 'Digest of Energy and Water Statistics, 2008' covers the period 1999 to 2008 for energy statistics, and the years 2004 to 2008 for water statistics. The figures have been compiled in close collaboration with the Central Electricity Board (CEB), the Central Water Authority (CWA), the Water Resources Unit, the Meteorological Services, petroleum companies and Independent Power Producers (IPPs). 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 categorized into six sectors, namely manufacturing, transport, commercial and distributive trade, residential, 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 1.6%, from 1,382 ktoe in 2007 to 1,404 ktoe in 2008 (Table 2.1). Of this, imported fuels (petroleum products and coal) accounted for 81.2% (1,141 ktoe) while locally available sources supplied the remaining 18.8% (264 ktoe).

Imported petroleum products in 2008 decreased from 781 ktoe in 2007 to 737 ktoe. The petroleum products comprised mainly fuel oil (28.9%), diesel (27.8%), aviation fuel (18.6%) and gasoline (14.9%).

In 2008, coal reached 404 ktoe, which showed a 13.8% increase over the 355 ktoe of 2007. This increase of coal in the primary energy requirements was partly due to the coming into full operation of the 'Compagnie Thermique de Savannah Limitée' (CTSav), an Independent Power Producer which has a coal and bagasse co-generation plant.

The local production (264 ktoe) comprised renewables including bagasse (93.5%), hydro/wind electricity (3.5%) and fuelwood (2.9%).

The total primary energy requirement index, with 1990 as base year (1990 = 100), moved from 189.1 in 2007 to 192.1 in 2008 and the per capita primary energy requirement increased by 1%, up from 1.10 toe in 2007 to 1.11 toe in 2008.

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 1.58 in 2007 dropped to 1.54 in 2008. A lower ratio usually reflects a more efficient use of energy.

2.2.1 Local production

Total energy production from local renewable sources increased by 7.3% from 246 ktoe in 2007 to 264 ktoe in 2008. This was primarily due to a higher production of bagasse. Thus generation from bagasse increased from 230 ktoe to 246 ktoe. Moreover, production of hydro/wind electricity increased from 7.2 ktoe in 2007 to 9.3 ktoe in 2008. (Table 2.1)

2.2.2 Imports of energy sources

Data on imports of energy sources show that some 1,451 ktoe of petroleum products and coal were imported in 2008 compared to 1,482 ktoe in 2007, representing a decrease of 2.1%. Petroleum products went down from 1,080 ktoe to 1,075 ktoe (-0.5%) and coal decreased from 402 ktoe to 376 ktoe (-6.5%) (Table 2.3).

Due to the increases in the prices of petroleum products and coal, the import bill went up by 27.7% to reach Rs 27,635 millions in 2008 from Rs 21,640 millions in preceding year. (Table 2.5).

2.2.3 Re-exports and bunkering

Of the 1,451 ktoe of imported energy sources in 2008, about 341 ktoe (23.5%) were supplied to marine vessels and aircraft. Re-exports consisted of 131 ktoe of aviation fuel (38.2%), 119 ktoe of diesel oil (34.7%), and 92 ktoe of fuel oil (27.1%). The following changes were noted compared to the previous year: Fuel Oil (+27.1%), Aviation fuel (+7.5%), Diesel (-0.9%), overall (+8.8%) (Table 2.6).

2.3 Electricity

2.3.1 Electricity Generation

Some 2,557 GWh (220 ktoe) of electricity was generated in 2008 as compared with 2,465 GWh (212 ktoe) in 2007, representing an increase of 3.7%. The Independent Power Producers (IPPs) supplied 63.2 % of the electricity generated and the Central Electricity Board (CEB), only 36.8%. Thermal energy represented 95.8% and hydro/wind the remaining 4.2%. The peak demand in 2008 was 378.1 MW (+2.7%) in the Island of Mauritius as compared with 368 MW in 2007. (Tables 3.1 - 3.6)

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. Fuel input increased by 6.2% from 707 ktoe in 2007 to 751 ktoe in 2008. The major components of the fuel input were coal, (50.4%), bagasse (27.7%) and fuel oil (21.4%).

2.33 Electricity sales

In 2008, electricity sales increased by 4% from 1,975 GWh in 2007 to 2,054 GWh. The average sales price of electricity went up by 26.9 % from Rs 3.79 per kWh to Rs 4.81 per kWh during the same period (Table 4.7).

The per capita consumption of electricity sold per annum stood at 1,619 kWh in 2008 compared with 1,567 kWh in 2007 (Table 1.3).

2.4 Final energy consumption

Final energy consumption fell by 1.9% from 858 ktoe in 2007 to 842 ktoe in 2008. “Transport” and “Manufacturing” were the two largest energy-consuming sectors accounting for 48.3% and 29.4% of energy consumed respectively. They were followed by “Residential” (13.1%), “Commercial and Distributive Trade” (8.2%) and “Agriculture” (0.5%). The details on the different types of fuel consumed by each sector and the respective amounts are given in Tables 4.1 to 4.6.

2.4.1 Manufacturing

Energy used for manufacturing processes decreased by 6.1% from 264 ktoe in 2007 to 248 ktoe in 2008. The contribution of electricity was 78 ktoe, fuel oil, 52 ktoe, diesel oil, 47 ktoe, and bagasse, 38 ktoe.

2.4.2 Transport

In 2008, some 406 ktoe of energy were used for transportation, representing a decrease of 1.2% over last year’s figure of 411 ktoe. Consumption of gasoline increased from 107 ktoe to 109 ktoe (+1.9%) and that of diesel oil from 153 ktoe to 154 ktoe (+0.7%). Consumption of aviation fuel decreased from 144 ktoe in 2007 compared to 137 ktoe in 2008 (-4.9%) and the use of LPG in the transport sector also decreased from 7.2 ktoe in 2007 to 5.6 ktoe in 2008 (-22.0%).

2.4.3 Commercial and Distributive Trade

Total energy consumption by “Commercial and Distributive Trade” sector rose by 6.0% from 65 ktoe in 2007 to 69 ktoe in 2008. In this sector, electricity consumption increased from 53 ktoe to 58 ktoe (+9.4%) while LPG decreased from 11.8 ktoe to 10.9 ktoe (-7.6%).

2.4.4 Residential

Energy consumed by the 'Residential' sector in 2008 (excluding fuel used for transport) increased slightly from 109 ktoe in 2007 to 110 ktoe in 2008. The two main sources of energy were electricity and LPG, representing 50.9% and 41.5% respectively of total energy consumed by households. Consumption of electricity increased by 1.4% and that of LPG by 0.7%.

2.4.5 Agriculture

Energy consumption in Agriculture went down from 4.9 ktoe in 2007 to 4.5 ktoe in 2008 (-8.2%). Electricity and diesel were the only two sources of energy used in this sector. In 2008, about 2.2 ktoe of electricity were used mainly for irrigation and 2.3 ktoe of diesel oil were used mainly for mechanical operations in field.

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 2008, the Island of Mauritius registered 4,440 million of cubic metres (Mm^3) of rainfall. Some 1,332 Mm^3 of water was lost through evapotranspiration, while surface run-off and ground water recharge were 2,664 Mm^3 and 444 Mm^3 respectively.

3.2 Rainfall

Table 6.6 shows the amount of rainfall recorded around the Island of Mauritius. During the year 2008, the mean amount of rainfall recorded around was 2,382 millimetres, a 21.9 % increase compared with 1,954 millimetres registered in 2007. March was the wettest month of 2008, registering a mean rainfall of 508 mm whereas April was the driest month with a mean rainfall of 53 mm.

For the Island of Rodrigues, the mean rainfall registered in 2008 was 1,055 millimetres compared with 945 in 2007. May recorded the highest amount of rainfall with 157 mm and April the least with 21 mm. (Table 6.7)

3.3 Water storage level

In 2008, the minimum and maximum percentage water storage level of the different reservoirs was as follows:

Reservoir	Minimum (%)	Maximum (%)
Mare aux Vacoas	34 (Jan)	93 (Sep-Oct)
La Nicoliere	40 (Jan)	100 (Feb-Apr) (Jun-Oct)
Piton du Milieu	44 (Jan)	100 (Feb-Sep)
La Ferme	21 (Jan)	100 (May-Oct)
Mare Longue	41 (Jan)	100 (Mar-Oct)
Midlands Dam	33(Jan)	100 (Mar-Nov)

The mean water level, in 2008 for all reservoirs combined together (excluding Midlands Dam) varied from 37% to 94% (Table 6.8). 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 2008 the total volume of portable water treated by the different treatment plants amounted to 209 million cubic (Mm³), up by 1.5% compared with 206 Mm³ in 2007. During the same year, average water production from surface and ground water represented 49% and 51% respectively (Table 6.9).

3.5 Water sales and revenue collectible

Total volume of water sold increased from 110.7 Mm³ in 2007 to 108.8 Mm³ in 2008 (-1.7%). In 2008, potable water made up 86.4% of the volume sold and the remaining 13.6% consisted of non-treated water. Water for domestic consumption amounted to 72 Mm³, accounting for nearly 66.2% of the total volume of water sold (Table 6.10).

The amount of revenue collectible for the year 2008 amounted to Rs 951.7 million, that is a decrease of 5.4% over the amount of Rs 1,005.5 million for 2007 (Table 15).

* * * * *

Section I

Energy balance & Main indicators

Table 1.1 - Energy balance, 2008

		Tonne of oil equivalent (toe)														
Flow \ Source	Fossil fuels								Renewables					Electricity	Total	
	Coal	Petroleum products						Total Petroleum Products	Fuelwood	Charcoal	Hydro	Wind	Bagasse			Total Renewables
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG									
Local production	-	-	-	-	-	-	-	-	7,720	-	9,291	32	246,434	263,477	-	263,477
Imports	376,050	117,190	331,738	272,694	6,146	279,404	68,159	1,075,331	-	-	-	-	-	-	-	1,451,381
Re-exports and bunkering	-	-	(118,454)	(130,543)	-	(92,347)	-	(341,344)	-	-	-	-	-	-	-	(341,344)
Stock change / Statistical error	27,829	(7,671)	(8,221)	(5,255)	(2,124)	26,241	(240)	2,729	-	-	-	-	-	-	-	30,558
Total Primary Energy Requirement	403,879	109,518	205,062	136,896	4,022	213,298	67,919	736,716	7,720	-	9,291	32	246,434	263,477	-	1,404,071
Public electricity generation plant	-	-	(1,596)	-	(2,179)	(160,845)	-	(164,619)	-	-	(9,291)	(32)	-	(9,323)	81,021	(92,921)
Autoproducer plants	(378,042)	-	-	-	-	-	-	-	-	-	-	-	(208,150)	(208,150)	138,902	(447,291)
Other transformation	-	-	-	-	-	-	-	-	(822)	400	-	-	-	(422)	-	(422)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,263)	(3,263)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(18,545)	(18,545)
Total Final Consumption	25,837	109,518	203,467	136,896	1,843	52,453	67,919	572,097	6,897	400	-	-	38,284	45,582	198,114	841,630
Manufacturing sector	25,837	-	46,764	-	-	52,453	5,314	104,531	542	-	-	-	38,284	38,826	78,511	247,704
Transport sector	-	109,518	154,439	136,896	-	-	5,599	406,453	-	-	-	-	-	-	-	406,453
Commercial and distributive trade sector	-	-	-	-	-	-	10,902	10,902	-	312	-	-	-	312	57,853	69,066
Residential	-	-	-	-	1,843	-	45,786	47,628	6,356	88	-	-	-	6,444	56,087	110,159
Agriculture	-	-	2,263	-	-	-	-	2,263	-	-	-	-	-	-	2,222	4,485
Other	-	-	-	-	-	-	320	320	-	-	-	-	-	-	3,443	3,762

Note: figures in brackets represent negative quantities

Table 1.2 - Energy balance, 2007¹

		Tonne of oil equivalent (toe)														
Flow	Source	Fossil fuels							Renewables					Electricity	Total	
		Coal	Petroleum products						Fuelwood	Charcoal	Hydro	Wind	Bagasse			Total Renewables
			Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG								
Local production	-	-	-	-	-	-	-	-	8,001	-	7,212	34	230,549	245,796	-	245,796
Imports	401,625	104,098	310,560	273,132	3,872	320,581	67,784	1,080,027	-	-	-	-	-	-	-	1,481,651
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	1,068	14,590	-	-	-	-	-	-	-	(32,025)
Total Primary Energy Requirement	355,010	106,855	207,371	143,628	2,397	251,892	68,851	780,994	8,001	-	7,212	34	230,549	245,796	-	1,381,799
Public electricity generation plant	-	-	(2,774)	-	(1,109)	(193,747)	-	(197,631)	-	-	(7,212)	(34)	-	(7,246)	86,269	(118,608)
Autoproducer plants	(342,632)	-	-	-	-	-	-	-	-	-	-	-	(166,446)	(166,446)	125,691	(383,387)
Other transformation	-	-	-	-	-	-	-	-	(810)	394	-	-	-	(416)	-	(416)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,543)	(3,543)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(18,345)	(18,345)
Total Final Consumption	12,378	106,855	204,597	143,628	1,288	58,144	68,851	583,363	7,190	394	-	-	64,103	71,688	190,072	857,501
Manufacturing sector	12,378	-	48,819	-	-	58,144	4,393	111,357	542	-	-	-	64,103	64,645	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	65,246
Residential	-	-	-	-	1,288	-	45,455	46,743	6,649	93	-	-	-	6,742	55,295	108,780
Agriculture	-	-	2,481	-	-	-	-	2,481	-	-	-	-	-	-	2,424	4,905
Other	-	-	-	-	-	-	38	38	-	-	-	-	-	-	3,560	3,598

¹ Revised

Note: figures in brackets represent negative quantities

Table 1.3 - Main energy indicators, 1999 - 2008

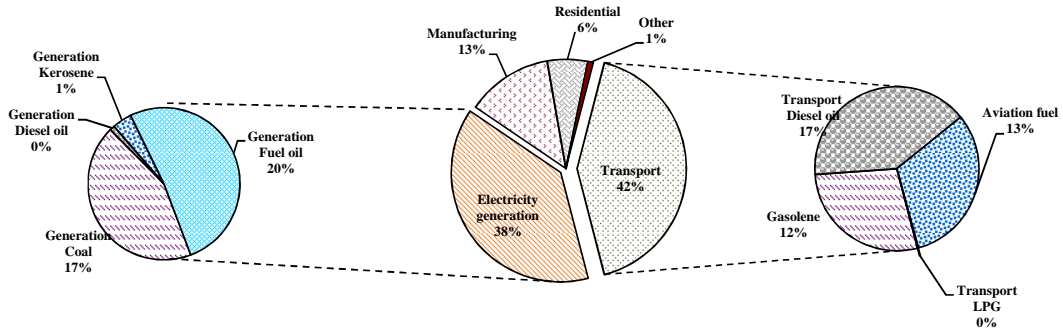
Details	Unit	1999	2000	2001	2002	2003	2004	2005	2006	2007 ¹	2008 ²
Total primary energy requirement	ktoe	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,376.8	1,381.8	1,404.1
<i>Imported</i>	<i>ktoe</i>	<i>778.9</i>	<i>849.0</i>	<i>901.2</i>	<i>898.8</i>	<i>956.3</i>	<i>980.1</i>	<i>1,030.5</i>	<i>1,122.1</i>	<i>1,136.0</i>	<i>1,140.6</i>
<i>Local</i>	<i>ktoe</i>	<i>220.6</i>	<i>264.1</i>	<i>280.9</i>	<i>258.6</i>	<i>266.5</i>	<i>275.7</i>	<i>262.6</i>	<i>254.6</i>	<i>245.8</i>	<i>263.5</i>
Total primary energy requirement index (1990 = 100)		136.8	152.3	161.8	158.4	167.3	171.8	177.0	188.4	189.1	192.1
Annual increase	%	-0.8	+11.4	+6.2	-2.1	+5.7	+2.7	+3.0	+6.5	+0.4	+1.6
Import dependency	%	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5	82.2	81.2
GDP in 1990 rupees	Rs. Million	61,332	66,607	70,071	71,542	74,618	78,872	79,818	82,931	87,492	91,429
GDP index (1990 = 100)		154.8	168.1	176.8	180.5	188.3	199.0	201.4	209.3	220.8	230.7
Energy intensity	toe per Rs.100,000 GDP	1.63	1.67	1.69	1.62	1.64	1.59	1.62	1.66	1.58	1.54
Mid-year population	thousand	1,175	1,187	1,200	1,210	1,223	1,233	1,243	1,253	1,260	1,269
Per capita primary energy requirement	toe	0.85	0.94	0.99	0.96	1.00	1.02	1.04	1.10	1.10	1.11
Per capita final energy consumption	toe	0.59	0.63	0.65	0.63	0.67	0.68	0.68	0.70	0.68	0.66
Per capita consumption of electricity sold	kWh	1,059	1,158	1,222	1,248	1,330	1,382	1,430	1,501	1,567	1,619

¹ Revised

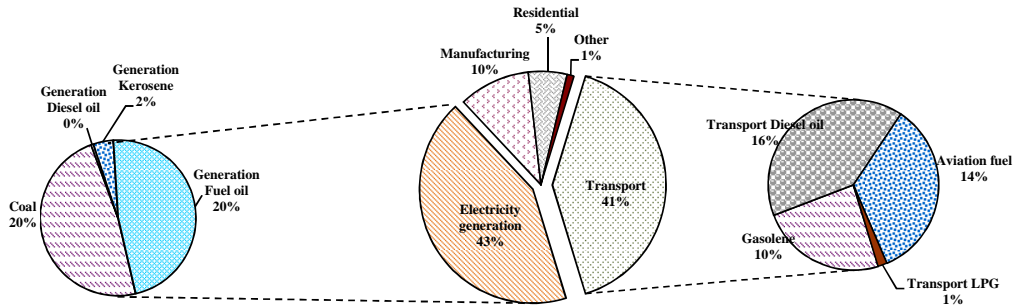
² Provisional

Fig 1.1 - Percentage share of consumption ('Transformation' + 'Final energy consumption') of petroleum products and coal by sector - 2000, 2005 and 2008

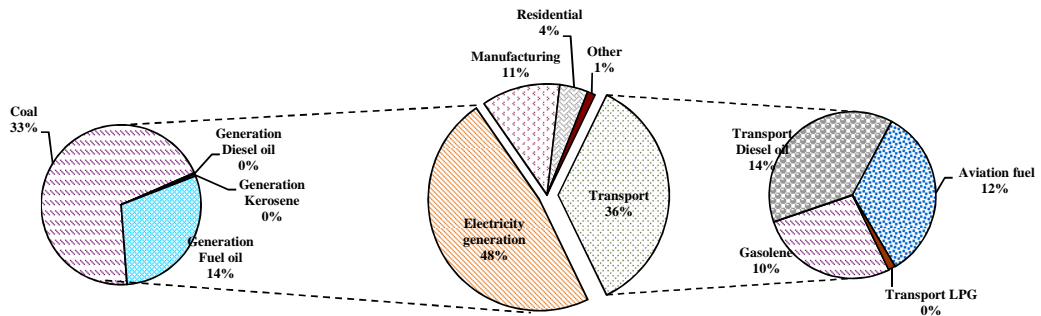
2000



2005



2008



Section II

Primary energy requirement

Table 2.1 - Primary energy requirement , 1999 - 2008

Energy source	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
	Physical unit (Thousand tonne or GWh)										
Imported (Fossil fuels)											
Coal	136.6	253.0	299.2	312.8	316.2	289.3	363.8	484.5	572.6	651.4	
Petroleum products											
Gasolene	89.5	92.0	87.7	87.5	89.2	90.4	92.7	89.1	98.9	101.4	
Diesel Oil	165.0	189.4	188.7	196.8	208.8	213.8	212.1	228.3	205.3	203.0	
Dual Purpose Kerosene	148.2	130.8	137.9	122.8	141.8	162.3	165.1	146.8	140.4	135.5	
<i>Aviation Fuel</i>	97.1	108.1	124.7	109.0	123.6	137.0	137.6	141.1	138.1	131.6	
<i>Kerosene</i>	51.0	22.7	13.2	13.9	18.1	25.3	27.5	5.8	2.3	3.9	
Fuel Oil	239.6	224.5	246.0	241.1	260.1	269.9	263.8	284.6	262.4	222.2	
LPG	43.4	46.3	47.1	48.6	51.7	54.9	60.9	63.9	63.8	62.9	
Local (Renewables)											
Hydro/Wind	GWh	30	96	71	86	118	123	115	77.1	84.3	108.4
Bagasse ¹		1,314.4	1,553.3	1,671.5	1,524.4	1,557.0	1,611.2	1,531.9	1,500.2	1,440.9	1,540.2
Fuelwood ¹		20.2	19.3	19.3	19.2	19.1	19.3	20.0	21.0	21.1	20.3
		Energy unit (ktoe)									
Imported (Fossil fuels)	778.9	849.0	901.2	898.8	956.3	980.1	1,030.5	1,122.1	1,136.0	1,140.6	
Coal	84.7	156.9	185.5	193.9	196.0	179.4	225.6	300.4	355.0	403.9	
Petroleum products	694.2	692.2	715.7	704.8	760.2	800.7	805.0	821.8	781.0	736.7	
Gasolene	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	109.5	
Diesel Oil	166.6	191.3	190.6	198.7	210.9	216.0	214.2	230.6	207.4	205.1	
Dual Purpose Kerosene	154.1	136.0	143.4	127.7	147.4	168.8	171.7	152.7	146.0	140.9	
<i>Aviation Fuel</i>	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6	136.9	
<i>Kerosene</i>	53.1	23.6	13.8	14.4	18.9	26.3	28.6	6.0	2.4	4.0	
Fuel Oil	230.0	215.5	236.1	231.4	249.7	259.1	253.3	273.3	251.9	213.3	
LPG	46.9	50.0	50.8	52.5	55.8	59.2	65.7	69.0	68.9	67.9	
Local (Renewables)	220.6	264.1	280.9	258.6	266.5	275.7	262.6	254.6	245.8	263.5	
Hydro/Wind	2.6	8.2	6.1	7.4	10.1	10.6	9.9	6.6	7.2	9.3	
Bagasse ¹	210.3	248.5	267.4	243.9	249.1	257.8	245.1	240.0	230.5	246.4	
Fuelwood ¹	7.7	7.3	7.3	7.3	7.3	7.3	7.6	8.0	8.0	7.7	
Total	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,376.8	1,381.8	1,404.1	
		Percentage (%)									
Imported (Fossil fuels)	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5	82.2	81.2	
Coal	8.5	14.1	15.7	16.8	16.0	14.3	17.4	21.8	25.7	28.8	
Petroleum products	69.5	62.2	60.5	60.9	62.2	63.8	62.2	59.7	56.5	52.5	
Gasolene	9.7	8.9	8.0	8.2	7.9	7.8	7.7	7.0	7.7	7.8	
Diesel Oil	16.7	17.2	16.1	17.2	17.3	17.2	16.6	16.7	15.0	14.6	
Dual Purpose Kerosene	15.4	12.2	12.1	11.0	12.1	13.4	13.3	11.1	10.6	10.0	
<i>Aviation Fuel</i>	10.1	10.1	11.0	9.8	10.5	11.3	11.1	10.7	10.4	9.7	
<i>Kerosene</i>	5.3	2.1	1.2	1.2	1.5	2.1	2.2	0.4	0.2	0.3	
Fuel Oil	23.0	19.4	20.0	20.0	20.4	20.6	19.6	19.8	18.2	15.2	
LPG	4.7	4.5	4.3	4.5	4.6	4.7	5.1	5.0	5.0	4.8	
Local (Renewables)	22.1	23.7	23.8	22.3	21.8	22.0	20.3	18.5	17.8	18.8	
Hydro/Wind	0.3	0.7	0.5	0.6	0.8	0.8	0.8	0.5	0.5	0.7	
Bagasse ¹	21.0	22.3	22.6	21.1	20.4	20.5	19.0	17.4	16.7	17.6	
Fuelwood ¹	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

¹ Estimates

Fig 2.1 - Primary energy requirement by main energy sources, 1999 - 2008

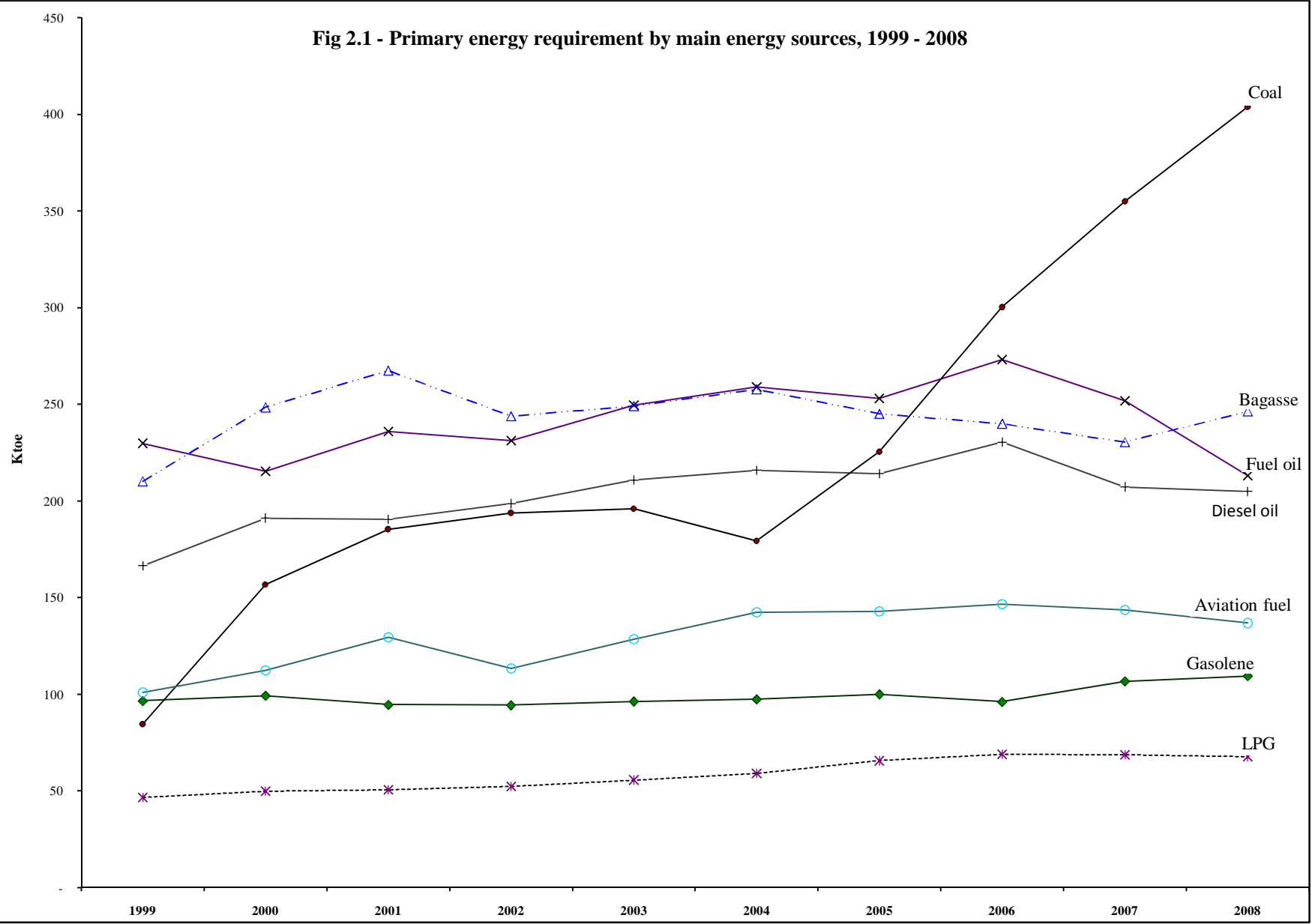


Table 2.2 - Imports of energy sources (Physical unit), 1999 - 2008

Energy source	Thousand tonne									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coal	128.9	222.4	347.5	312.0	289.4	331.8	379.3	490.3	647.8	606.5
Gasolene	92.7	89.8	86.8	80.3	86.8	87.7	86.8	88.9	96.4	108.5
Diesel oil	295.6	339.7	338.0	346.4	309.2	319.7	329.9	327.5	307.5	328.5
Dual Purpose Kerosene	231.9	217.4	214.2	225.5	227.7	256.8	248.0	242.0	266.4	268.1
<i>Aviation Fuel</i>	187.7	190.0	202.2	211.1	207.5	227.0	220.1	236.0	262.6	262.2
<i>Kerosene</i>	44.2	27.4	12.0	14.3	20.2	29.8	27.9	6.0	3.7	5.9
Fuel oil	246.3	218.8	275.1	208.6	288.0	288.8	337.5	304.4	333.9	291.0
LPG	43.6	47.3	43.9	54.1	48.8	53.8	62.7	58.8	62.8	63.1

Table 2.3 - Imports of energy sources (Energy unit), 1999 - 2008

Energy source	ktoe									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Fossil fuels	1,003.2	1,065.2	1,184.8	1,123.2	1,151.5	1,225.8	1,311.7	1,338.1	1,481.7	1,451.4
Coal	79.9	137.9	215.4	193.5	179.4	205.7	235.1	304.0	401.6	376.0
Petroleum products	923.3	927.3	969.4	929.7	972.1	1,020.1	1,076.5	1,034.1	1,080.0	1,075.3
Gasolene	100.2	97.0	93.7	86.7	93.7	94.7	93.7	96.0	104.1	117.2
Diesel oil	298.5	343.1	341.4	349.9	312.3	322.9	333.2	330.8	310.6	331.7
Dual Purpose Kerosene	241.2	226.1	222.7	234.5	236.8	267.1	257.9	251.7	277.0	278.8
<i>Aviation Fuel</i>	195.2	197.6	210.3	219.6	215.8	236.1	228.9	245.4	273.1	272.7
<i>Kerosene</i>	45.9	28.4	12.5	14.9	21.0	31.0	29.0	6.3	3.9	6.1
Fuel oil	236.4	210.0	264.1	200.2	276.5	277.3	324.0	292.2	320.6	279.4
LPG	47.1	51.1	47.4	58.4	52.7	58.1	67.7	63.5	67.8	68.2
Total imports	1,003.2	1,065.2	1,184.8	1,123.2	1,151.5	1,225.8	1,311.7	1,338.1	1,481.7	1,451.4

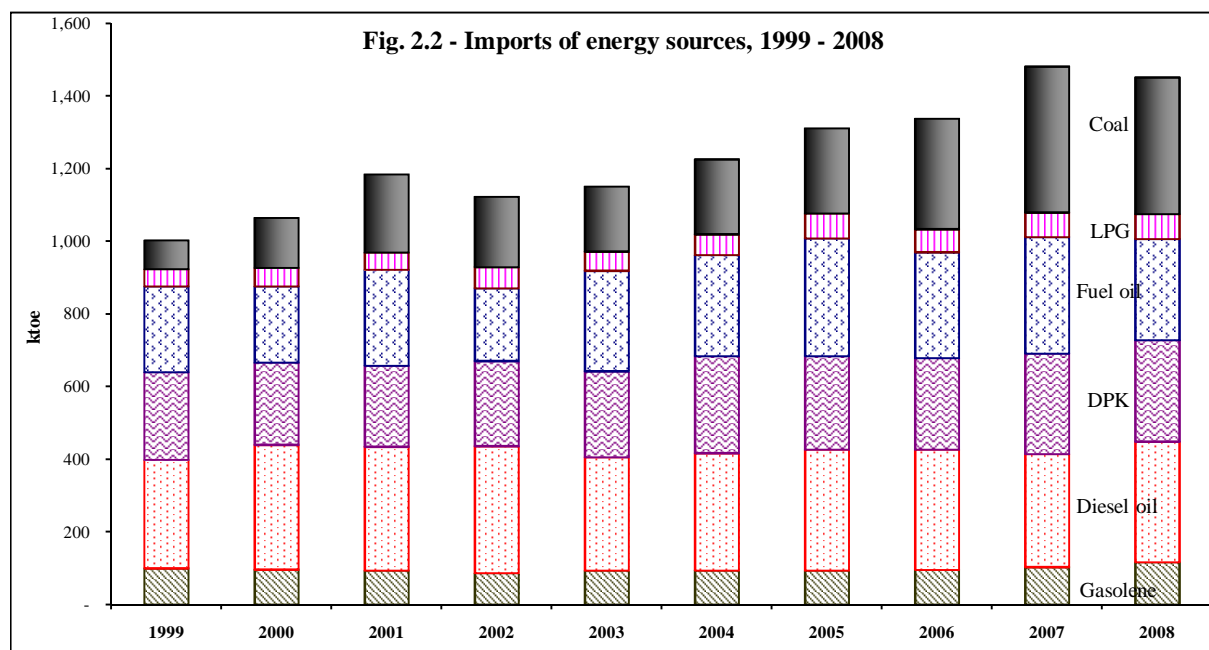


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 1999 - 2008

	Tonne									
Country	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coal	128,871	222,423	347,462	312,031	289,373	331,826	379,263	490,324	647,782	606,532
Mozambique	25,748	36,943	-	157,645	113,669	164,909	168,282	80,723	-	-
South Africa	103,123	185,480	347,462	154,386	175,704	166,917	210,981	409,601	647,782	606,532
Gasolene	92,737	89,824	86,773	80,297	86,802	87,706	86,759	88,880	96,387	108,509
Bahrain	27,798	25,300	26,148	19,837	52,434	58,958	35,197	12,985	-	-
India	-	-	-	-	-	-	5,469	48,497	96,387	108,509
Reunion Island	-	-	-	-	-	-	2,013	-	-	-
Saudi Arabia	47,644	19,497	15,065	26,907	28,205	7,461	4,712	4,793	-	-
Singapore	-	-	3,074	-	-	-	4,413	-	-	-
South Africa	12,960	45,027	30,038	16,190	-	5,952	-	-	-	-
Tanzania	-	-	-	-	-	1,949	-	-	-	-
United Arab Emirates	-	-	12,448	17,363	6,163	13,386	34,955	22,605	-	-
Yemen	4,335	-	-	-	-	-	-	-	-	-
Diesel	295,551	339,671	338,044	346,401	309,215	319,732	329,922	327,492	307,485	328,453
Bahrain	90,841	105,408	62,967	87,179	160,788	142,140	139,997	14,525	-	-
India	-	-	-	-	22,848	35,208	37,934	187,927	307,485	328,453
Kuwait	-	-	-	-	-	21,898	-	-	-	-
Saudi Arabia	153,800	51,087	90,262	99,745	96,136	95,042	130,732	108,131	-	-
Singapore	-	-	20,777	-	-	-	15,378	-	-	-
South Africa	42,199	170,113	123,223	58,841	13,479	-	5,881	-	-	-
United Arab Emirates	-	13,063	40,815	100,636	6,884	25,444	-	16,909	-	-
Yemen	8,711	-	-	-	9,080	-	-	-	-	-
Kerosene (excl. jet fuel)	44,180	27,351	11,986	14,338	20,185	29,847	27,899	6,026	3,723	5,910
Bahrain	4,124	922	4,789	3,960	7,725	9,296	20,992	3,106	-	-
India	-	-	-	-	-	6,199	989	1,622	2,987	5,910
Quatar	-	-	-	-	-	-	-	156	-	-
Saudi Arabia	37,222	1,154	3,290	3,721	7,980	12,576	4,129	1,142	-	-
Seychelles	-	-	-	-	-	-	-	-	736	-
Singapore	-	-	26	-	-	-	191	-	-	-
South Africa	2,834	25,275	3,699	2,477	2,521	-	-	-	-	-
Tanzania	-	-	-	-	-	89	1,598	-	-	-
United Arab Emirates	-	-	182	4,180	1,864	1,687	-	-	-	-
Yemen	-	-	-	-	95	-	-	-	-	-
Jet fuel type kerosene	187,697	190,018	202,187	211,127	207,511	226,995	220,075	235,965	262,627	262,206
Bahrain	63,251	66,643	44,066	37,996	119,280	165,036	125,946	37,767	-	-
India	-	-	-	-	-	14,407	16,962	109,056	257,687	262,206
Quatar	-	-	-	-	-	-	-	12,734	-	-
Saudi Arabia	85,472	38,698	44,896	66,857	65,849	19,190	61,817	76,408	-	-
Seychelles	-	-	-	-	-	-	-	-	4,940	-
Singapore	-	-	5,158	-	-	-	11,807	-	-	-
South Africa	27,000	84,677	71,815	40,956	9,046	-	-	-	-	-
Tanzania	-	-	-	-	-	2,808	3,543	-	-	-
United Arab Emirates	-	-	36,252	65,318	7,160	25,554	-	-	-	-
Yemen	11,974	-	-	-	6,176	-	-	-	-	-
Fuel Oil	246,279	218,763	275,138	208,581	287,985	288,818	337,484	304,391	333,939	291,046
Bahrain	-	-	5,867	-	-	-	-	-	-	-
India	-	-	18,055	-	-	-	-	98,970	333,939	291,046
Iran	-	-	42,976	31,000	-	27,061	-	-	-	-
Kenya	44,168	-	-	-	-	-	-	-	-	-
Madagascar	117,521	117,116	98,076	40,587	199,830	103,974	-	-	-	-
Saudi Arabia	-	-	6,956	-	-	-	-	-	-	-
Singapore	-	-	-	23,827	-	-	-	-	-	-
South Africa	3,772	13,825	28,847	17,261	30,045	60,549	45,265	31,471	-	-
Ukraine	-	-	-	18,177	24,200	-	-	-	-	-
United Arab Emirates	80,818	87,822	74,361	77,729	33,910	97,234	292,219	173,950	-	-
LPG	43,544	47,314	43,888	54,060	48,822	53,780	62,713	58,762	62,763	63,110
Australia	-	-	-	-	-	-	-	6,191	-	2,969
Bahrain	-	-	-	-	-	9,528	8,936	-	-	-
France	-	-	-	4,842	2,724	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	-	19,663
India	-	-	-	-	-	-	-	-	-	5,970
Indonesia	3,146	197	-	-	-	1,943	3,654	-	-	-
Madagascar	-	-	-	-	-	-	-	-	-	5,544
Malaysia	2,157	1,821	7,126	9,281	10,550	17,259	42,115	29,660	-	-
Oman	-	-	-	-	-	-	-	12,915	-	-
Philippines	402	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	2,029	-	-	-	-	50,841	19,842
Singapore	6,715	4,944	2,091	15,793	22,217	3,322	-	-	-	-
South Africa	31,124	38,522	34,671	18,890	13,007	5,531	-	8,446	36	6,571
Taiwan	-	-	-	-	-	-	-	-	-	2,551
United Arab Emirates	-	1,830	-	-	-	13,727	6,159	1,550	11,886	-
Yemen	-	-	-	3,225	324	2,470	1,849	-	-	-
Other countries	-	30	-	1,874	2,693	-	-	-	-	-

Table 2.5 - Imports value of energy sources by country of origin, 1999 - 2008

Country	Value (c.i.f.): Rs(000)									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coal	112,089	195,037	390,951	342,748	307,849	519,674	766,654	954,265	1,597,689	2,174,661
Mozambique	21,880	29,877	-	171,803	115,227	289,483	346,844	141,251	-	-
South Africa	90,209	165,159	390,951	170,945	192,623	230,191	419,810	813,014	1,597,689	2,174,661
Gasolene	475,173	744,311	646,125	605,654	748,509	1,030,619	1,452,772	1,877,318	2,180,054	2,690,298
Bahrain	167,006	215,549	203,232	164,003	439,731	686,478	526,795	301,504	-	-
India	-	-	-	-	-	-	82,960	1,023,652	2,180,054	2,690,298
Reunion Island	-	-	-	-	-	-	25,040	-	-	-
Saudi Arabia	223,102	177,034	110,845	222,842	258,132	89,363	104,960	82,715	-	-
Singapore	-	-	26,345	-	-	-	94,674	-	-	-
South Africa	70,677	351,728	218,891	89,057	-	48,099	-	-	-	-
Tanzania	-	-	-	-	-	26,860	-	-	-	-
United Arab Emirates	-	-	86,812	129,752	50,647	179,819	618,343	469,447	-	-
Yemen	14,388	-	-	-	-	-	-	-	-	-
Diesel	1,114,019	2,166,701	2,046,171	2,223,576	2,206,920	3,101,533	4,833,411	6,351,020	6,442,993	8,908,957
Bahrain	377,663	661,929	392,692	617,939	1,148,753	1,388,045	2,029,459	225,438	-	-
India	-	-	-	-	196,298	430,416	542,554	3,722,366	6,442,993	8,908,957
Kuwait	-	-	-	-	-	188,187	-	-	-	-
Saudi Arabia	542,322	352,594	580,062	667,094	662,637	798,739	1,928,116	2,103,149	-	-
Singapore	-	-	131,704	-	-	-	265,007	-	-	-
South Africa	172,026	1,092,232	710,386	298,879	96,965	-	68,275	-	-	-
United Arab Emirates	-	59,945	231,327	639,664	46,240	296,146	-	300,066	-	-
Yemen	22,008	-	-	-	56,027	-	-	-	-	-
Kerosene (excl. jet fuel)	178,500	205,854	84,912	102,760	168,548	321,443	456,826	123,881	82,769	174,630
Bahrain	22,318	7,376	34,503	32,509	65,965	95,272	339,893	61,107	-	-
India	-	-	-	-	-	85,338	14,218	36,158	65,507	174,630
Qatar	-	-	-	-	-	-	-	3,026	-	-
Saudi Arabia	140,819	10,320	25,560	27,076	69,549	118,225	78,877	23,591	-	-
Seychelles	-	-	-	-	-	-	-	-	17,263	-
Singapore	-	-	185	-	-	-	3,695	-	-	-
South Africa	15,362	188,158	23,874	14,204	19,807	-	-	-	-	-
Tanzania	-	-	-	-	-	1,186	20,142	-	-	-
United Arab Emirates	-	-	790	28,971	12,628	21,422	-	-	-	-
Yemen	-	-	-	-	599	-	-	-	-	-
Jet fuel type kerosene	819,982	1,349,534	1,335,866	1,460,996	1,588,451	2,451,264	3,621,568	4,937,243	5,825,957	7,287,213
Bahrain	311,847	459,620	309,308	283,167	915,616	1,734,016	2,017,560	745,384	-	-
India	-	-	-	-	-	195,789	255,521	2,364,752	5,710,092	7,287,213
Qatar	-	-	-	-	-	-	-	246,974	-	-
Saudi Arabia	347,040	301,037	314,388	506,813	514,338	164,799	1,075,386	1,580,134	-	-
Seychelles	-	-	-	-	-	-	-	-	115,865	-
Singapore	-	-	36,621	-	-	-	228,443	-	-	-
South Africa	125,447	588,877	451,940	235,954	71,072	-	-	-	-	-
Tanzania	-	-	-	-	-	37,414	44,658	-	-	-
United Arab Emirates	-	-	223,609	435,062	48,505	319,246	-	-	-	-
Yemen	35,649	-	-	-	38,920	-	-	-	-	-
Fuel Oil	717,704	964,288	1,213,934	1,067,208	1,452,876	1,621,612	2,810,517	3,331,425	4,028,957	4,580,564
Bahrain	-	-	25,204	-	-	-	-	-	-	-
India	-	-	70,227	-	-	-	-	1,007,673	4,028,957	4,580,564
Iran	-	-	183,394	147,318	-	169,758	-	-	-	-
Kenya	125,087	-	-	-	-	-	-	-	-	-
Madagascar	311,355	499,540	430,723	196,684	995,205	533,680	-	-	-	-
Saudi Arabia	-	-	37,743	-	-	-	-	-	-	-
Singapore	-	-	-	115,267	-	-	-	-	-	-
South Africa	14,865	58,133	126,509	85,306	155,703	319,129	422,635	327,479	-	-
Ukraine	-	-	-	99,460	123,874	-	-	-	-	-
United Arab Emirates	266,398	406,615	340,134	423,173	178,095	599,045	2,387,883	1,996,272	-	-
LPG	377,853	510,470	517,009	514,691	492,218	639,389	1,047,388	1,246,411	1,481,585	1,818,791
Australia	-	-	-	-	-	-	132,400	-	-	94,103
Bahrain	-	-	-	-	-	116,753	138,513	-	-	-
France	-	-	-	43,961	24,209	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	-	605,544
India	-	-	-	-	-	-	-	-	-	165,363
Indonesia	27,351	2,675	-	-	-	20,416	55,155	-	-	-
Madagascar	-	-	-	-	-	-	-	-	-	172,432
Malaysia	22,203	20,428	83,650	89,409	106,065	202,200	728,873	625,405	-	-
Oman	-	-	-	-	-	-	-	274,834	-	-
Philippines	5,017	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	17,677	-	-	-	-	1,214,822	523,424
Singapore	51,035	56,369	25,037	157,050	217,298	42,408	-	-	-	-
South Africa	272,246	411,296	408,322	170,911	140,889	78,942	-	183,519	940	181,107
Taiwan	-	-	-	-	-	-	-	-	-	76,818
United Arab Emirates	-	19,230	-	-	-	151,845	95,634	30,252	265,822	-
Yemen	-	-	-	35,683	3,756	26,825	29,213	-	-	-
Other countries	-	471	-	19,761	25,980	-	-	-	-	-
All energy sources	3,795,713	6,136,195	6,234,968	6,317,633	6,965,371	9,685,533	14,989,136	18,821,562	21,640,005	27,635,115
Percentage of total imports value	6.7%	11.2%	10.8%	9.8%	10.6%	12.7%	16.1%	16.3%	17.9%	20.8%

Table 2.6 - Re-exports of energy sources to foreign aircraft and bunkers, 1999 - 2008

Energy re-exported	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	78.3	87.5	76.0	92.8	88.7	88.4	96.9	100.0	116.8	125.5
Diesel oil	122.1	160.0	156.7	138.5	97.7	105.2	135.4	122.3	118.4	117.3
Fuel oil	46.9	57.6	44.0	26.7	34.8	40.1	54.7	49.1	75.7	96.2
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	81.4	91.0	79.0	96.5	92.3	91.9	100.7	104.0	121.4	130.5
Diesel oil	123.3	161.6	158.3	139.9	98.6	106.2	136.8	123.5	119.5	118.5
Fuel oil	45.1	55.3	42.2	25.6	33.4	38.5	52.6	47.1	72.6	92.3
Total	249.8	307.9	279.5	262.1	224.3	236.7	290.1	274.7	313.6	341.3
	<i>%</i>									
Aviation fuel for foreign aircraft	32.6	29.6	28.3	36.8	41.1	38.8	34.7	37.9	38.7	38.2
Diesel oil	49.4	52.5	56.6	53.4	44.0	44.9	47.2	45.0	38.1	34.7
Fuel oil	18.0	18.0	15.1	9.8	14.9	16.3	18.1	17.2	23.2	27.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

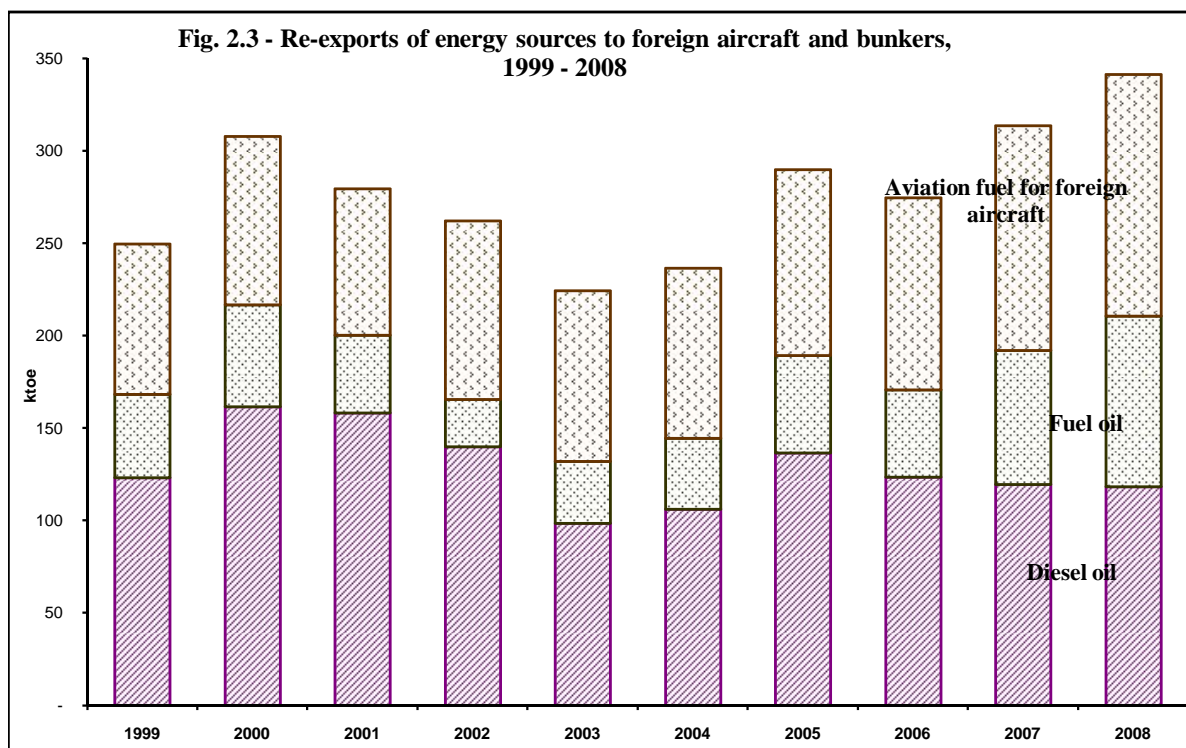


Table 2.7 Average import price of energy sources by country of origin , 1999 - 2008

	Rs/tonne									
Country	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Coal	870	877	1,125	1,098	1,064	1,566	2,021	1,946	2,466	3,585
Mozambique	850	809	-	1,090	1,014	1,755	2,061	1,750	-	-
South Africa	875	890	1,125	1,107	1,096	1,379	1,990	1,985	2,466	3,585
Gasolene	5,124	8,286	7,446	7,543	8,623	11,751	16,745	21,122	22,618	24,793
Bahrain	6,008	8,520	7,772	8,268	8,386	11,644	14,967	23,219	-	-
India	-	-	-	-	-	-	15,169	21,108	22,618	24,793
Reunion Island	-	-	-	-	-	-	12,439	-	-	-
Saudi Arabia	4,683	9,080	7,358	8,282	9,152	11,977	22,275	17,258	-	-
Singapore	-	-	8,570	-	-	-	21,453	-	-	-
South Africa	5,453	7,811	7,287	5,501	-	8,081	-	-	-	-
Tanzania	-	-	-	-	-	-	13,782	-	-	-
United Arab Emirates	-	-	6,974	7,473	8,218	13,433	17,690	20,767	-	-
Yemen	3,319	-	-	-	-	-	-	-	-	-
Diesel	3,769	6,379	6,053	6,419	7,137	9,700	14,650	19,393	20,954	27,124
Bahrain	4,157	6,280	6,236	7,088	7,145	9,765	14,496	15,521	-	-
India	-	-	-	-	8,591	12,225	14,303	19,808	20,954	27,124
Kuwait	-	-	-	-	-	8,594	-	-	-	-
Saudi Arabia	3,526	6,902	6,426	6,688	6,893	8,404	14,749	19,450	-	-
Singapore	-	-	6,339	-	-	-	17,233	-	-	-
South Africa	4,077	6,421	5,765	5,079	7,194	-	11,609	-	-	-
United Arab Emirates	-	4,589	5,668	6,356	6,717	11,639	-	17,746	-	-
Yemen	2,526	-	-	-	6,170	-	-	-	-	-
Kerosene (excl. jet fuel)	4,040	7,526	7,084	7,167	8,350	10,770	16,374	20,558	22,232	29,548
Bahrain	5,412	8,000	7,205	8,209	8,539	10,249	16,192	19,674	-	-
India	-	-	-	-	-	13,766	14,377	22,292	21,931	29,548
Qatar	-	-	-	-	-	-	-	19,395	-	-
Saudi Arabia	3,783	8,942	7,769	7,277	8,715	9,401	19,103	20,657	-	-
Seychelles	-	-	-	-	-	-	-	-	23,455	-
Singapore	-	-	7,115	-	-	-	19,348	-	-	-
South Africa	5,421	7,444	6,454	5,734	7,857	-	-	-	-	-
Tanzania	-	-	-	-	-	13,324	12,604	-	-	-
United Arab Emirates	-	-	4,341	6,931	6,774	12,698	-	-	-	-
Yemen	-	-	-	-	6,302	-	-	-	-	-
Jet fuel type kerosene	4,369	7,102	6,607	6,920	7,655	10,799	16,456	20,924	22,183	27,792
Bahrain	4,930	6,897	7,019	7,453	7,676	10,507	16,019	19,736	-	-
India	-	-	-	-	-	13,590	15,064	21,684	22,159	27,792
Qatar	-	-	-	-	-	-	-	19,395	-	-
Saudi Arabia	4,060	7,779	7,003	7,581	7,811	8,588	17,396	20,680	-	-
Seychelles	-	-	-	-	-	-	-	-	23,455	-
Singapore	-	-	7,100	-	-	-	19,348	-	-	-
South Africa	4,646	6,954	6,293	5,761	7,857	-	-	-	-	-
Tanzania	-	-	-	-	-	13,324	12,604	-	-	-
United Arab Emirates	-	-	6,168	6,661	6,774	12,493	-	-	-	-
Yemen	2,977	-	-	-	6,302	-	-	-	-	-
Fuel Oil	2,914	4,408	4,412	5,117	5,045	5,615	8,328	10,945	12,065	15,738
Bahrain	-	-	4,296	-	-	-	-	-	-	-
India	-	-	3,890	-	-	-	-	10,182	12,065	15,738
Iran	-	-	4,267	4,752	-	6,273	-	-	-	-
Kenya	2,832	-	-	-	-	-	-	-	-	-
Madagascar	2,649	4,265	4,392	4,846	4,980	5,133	-	-	-	-
Saudi Arabia	-	-	5,426	-	-	-	-	-	-	-
Singapore	-	-	-	4,838	-	-	-	-	-	-
South Africa	3,941	4,205	4,386	4,942	5,182	5,271	9,337	10,406	-	-
Ukraine	-	-	-	5,472	5,119	-	-	-	-	-
United Arab Emirates	3,296	4,630	4,574	5,444	5,252	6,161	8,172	11,476	-	-
LPG	8,677	10,789	11,780	9,521	10,082	11,889	16,701	21,211	23,606	28,819
Australia	-	-	-	-	-	-	-	21,386	-	31,695
Bahrain	-	-	-	-	-	12,254	15,501	-	-	-
France	-	-	-	9,079	8,887	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	-	30,796
India	-	-	-	-	-	-	-	-	-	27,699
Indonesia	8,693	13,577	-	-	-	10,507	15,094	-	-	-
Madagascar	-	-	-	-	-	-	-	-	-	31,102
Malaysia	10,294	11,218	11,739	9,634	10,054	11,716	17,307	21,086	-	-
Oman	-	-	-	-	-	-	-	21,280	-	-
Philippines	12,478	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	8,712	-	-	-	-	23,895	26,380
Singapore	7,600	11,402	11,974	9,944	9,781	12,766	-	-	-	-
South Africa	8,747	10,677	11,777	9,048	10,832	14,273	-	21,729	-	27,562
Taiwan	-	-	-	-	-	-	-	-	-	30,113
United Arab Emirates	-	10,508	-	-	-	11,062	15,528	19,518	22,364	-
Yemen	-	-	-	11,064	11,597	10,860	15,799	-	-	-
Other countries	-	15,649	-	10,545	9,647	-	-	-	-	-

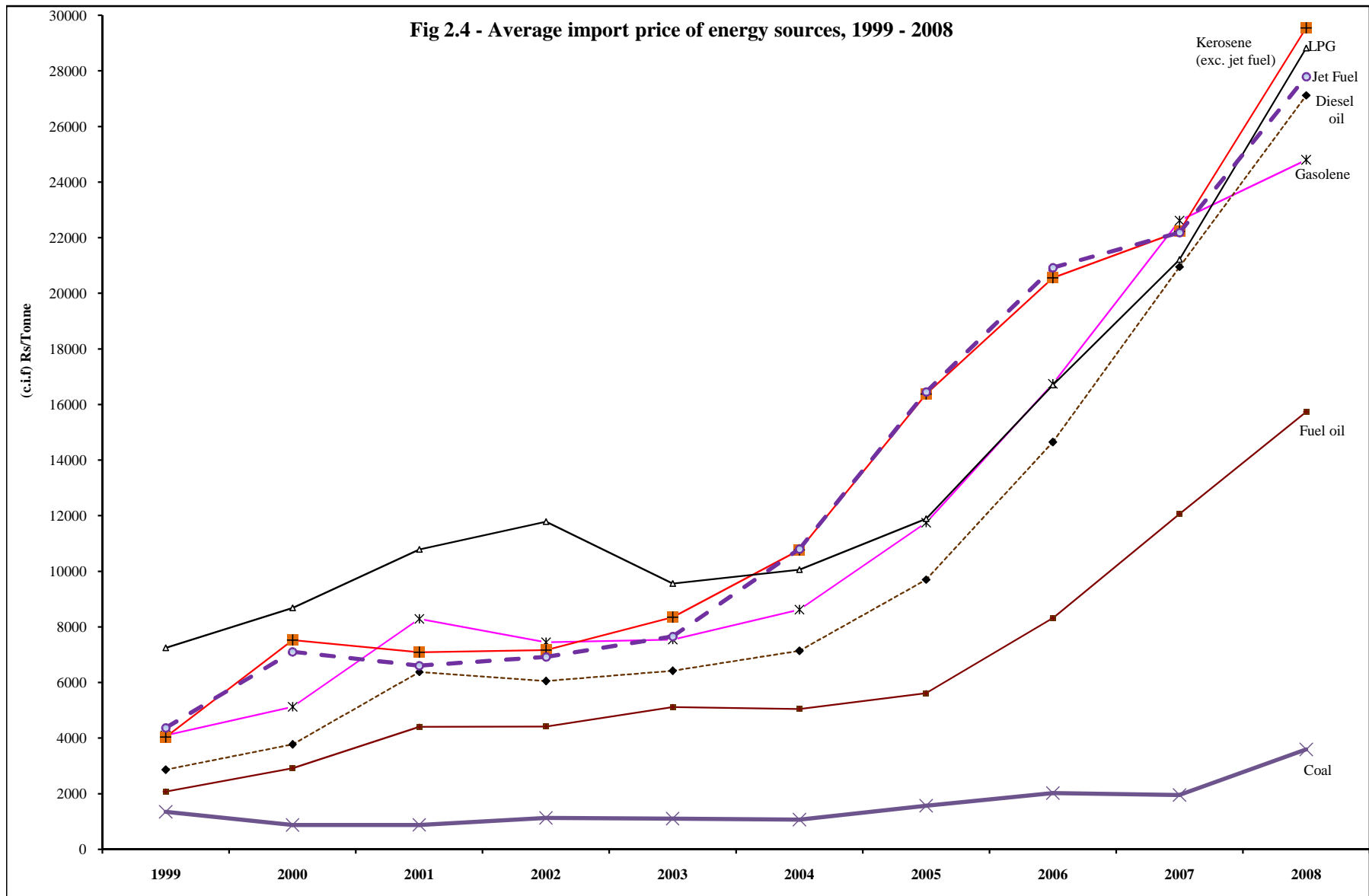
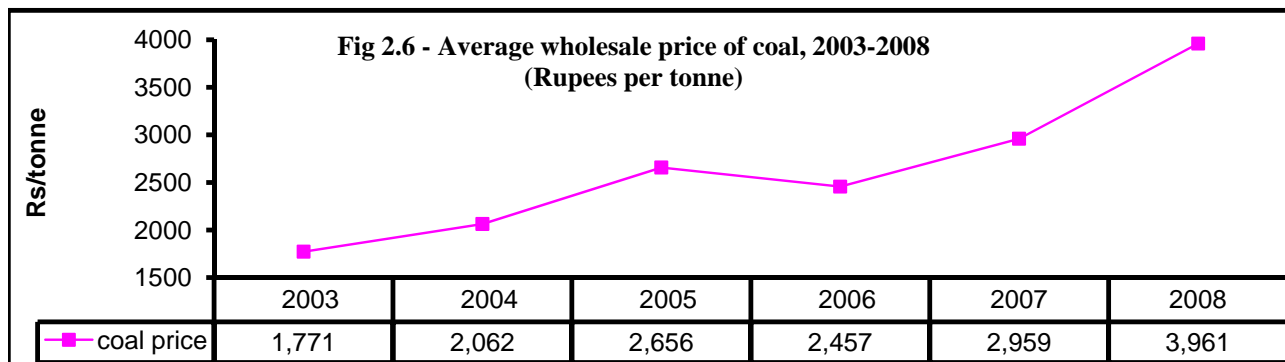
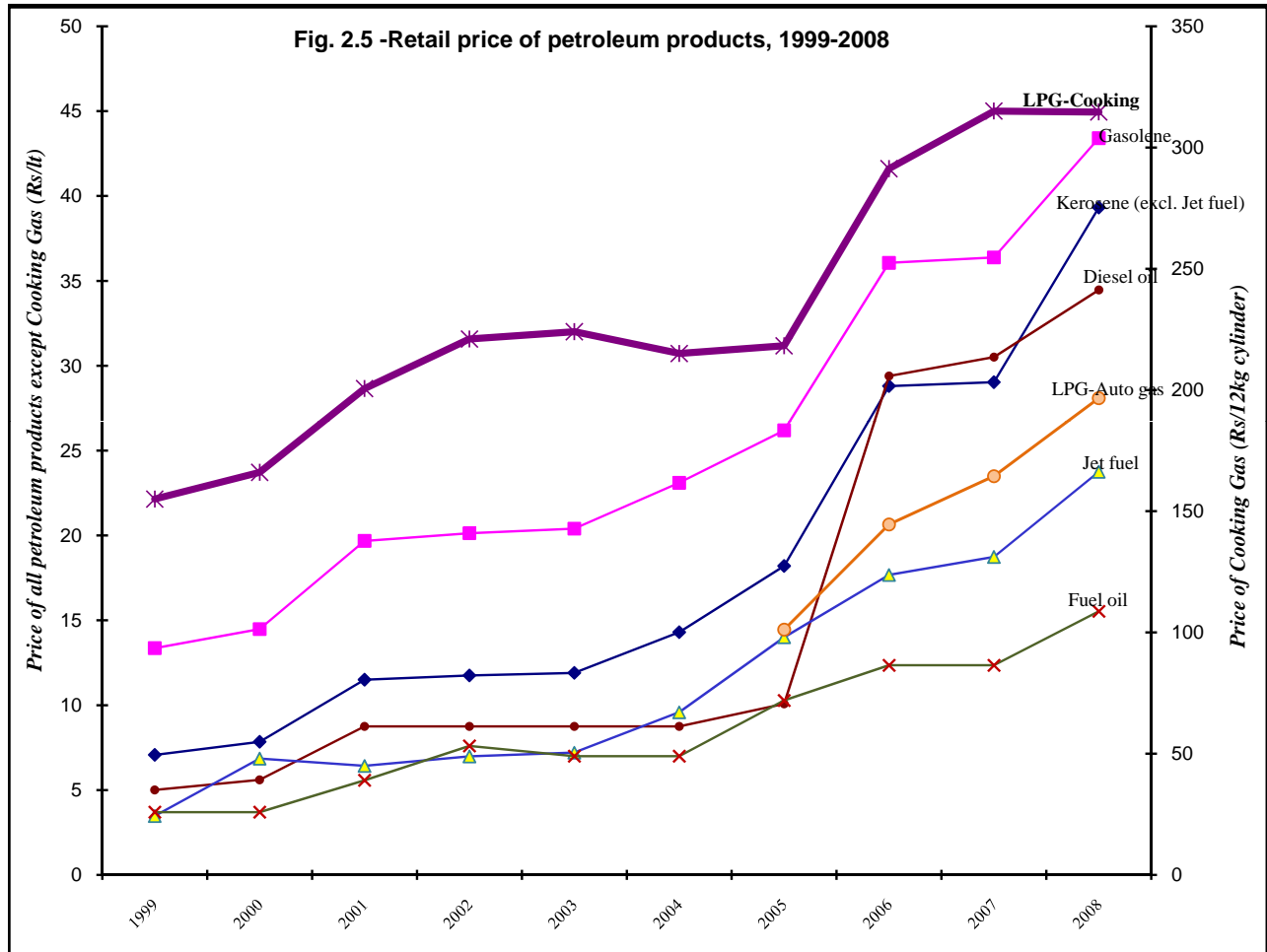


Table 2.8 - Average retail price (Rupees) of petroleum products used as energy sources, 1999-2008

Energy sources	Unit	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		Rupees									
Gasolene	1 Lt	13.36	14.48	19.68	20.13	20.40	23.10	26.19	36.06	36.38	43.41
Diesel oil	1 Lt	7.07	7.84	11.50	11.75	11.90	14.30	18.20	28.80	29.03	39.32
Kerosene (excl. jet fuel)	1 Lt	5.01	5.60	8.75	8.75	8.75	8.75	10.08	29.39	30.50	34.46
Jet fuel type kerosene	1 Lt	3.47	6.85	6.42	6.98	7.20	9.58	14.00	17.67	18.73	23.75
Fuel Oil	1 Lt	3.70	3.70	5.58	7.60	7.00	7.00	10.28	12.35	12.35	15.53
LPG - Cooking Gas	12 Kg	155.00	166.02	200.55	221.00	224.00	215.00	218.20	291.25	315.00	314.60
LPG- Auto Gas	1 Lt							14.45	20.65	23.49	28.09



Data source: Cays Associates Ltd and Independent Power Producers

Section III

Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation, sales and total consumption of electricity, 1999 - 2008

Year	Plant capacity (MW)				Peak Demand (MW)		Electricity generated (GWh)					Sales (GWh)	Total Consumption (GWh)
	Installed		Effective				Hydro	Wind	Thermal	Total	Available for sales		
	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.							
1999	522.3 ¹	6.0	425.7 ¹	5.4	265.8	3.8	30.01	-	1,554.79	1,584.80	1,440.71	1,244.12	1,388.23
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	1,570.54
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	1,699.37
2002	650.9	6.0	569.7	5.4	308.6	4.4	85.86	-	1,863.00	1,948.86	1,737.63	1,509.83	1,721.07
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	1,844.05
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	1,918.77
2005	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	2,004.71
2006	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	2,108.15
2007	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	2,210.14
2008	715.5	10.0	617.7	9.0	378.1	6.0	108.03	0.37	2,448.84	2,557.24	2,307.24	2,053.66	2,303.66

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

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

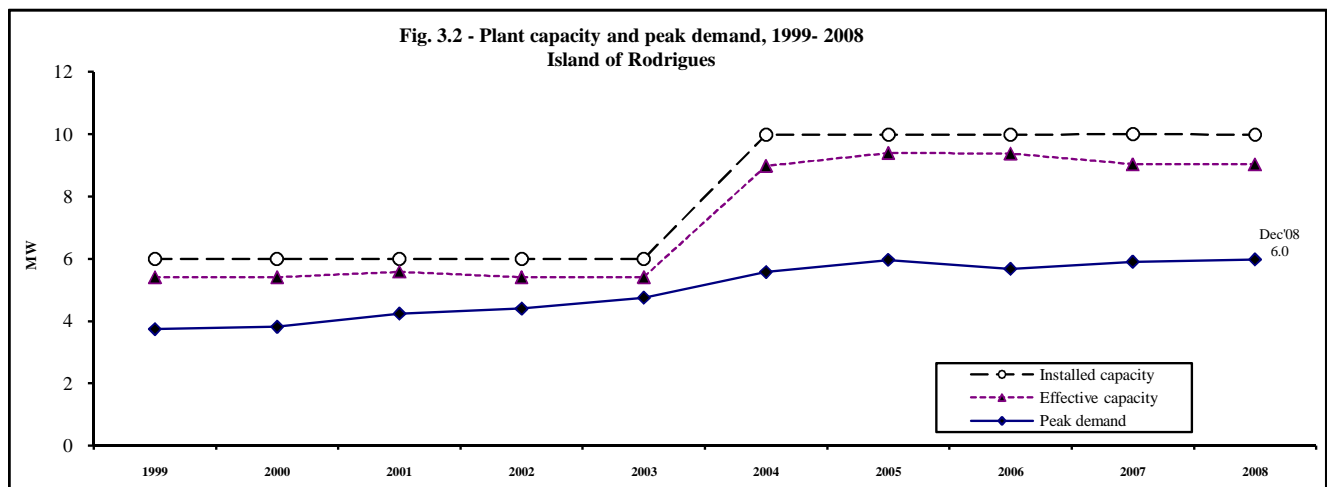
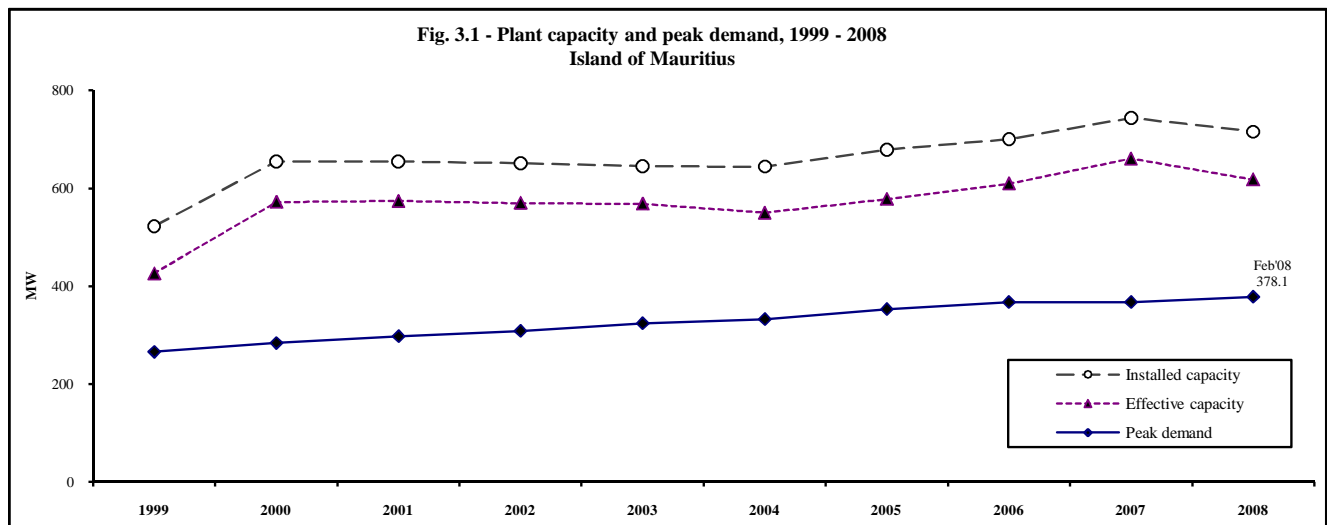


Table 3.2 - Plant capacity, 2008

MW

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity (MW)			Plant capacity (MW)	
	Installed	Effective		Installed	Effective
Hydro:			Thermal:		
Champagne	30.0	28.0			
Ferney	10.0	10.0	<u>Firm producers¹</u>	<u>258.1</u>	<u>227.0</u>
Tamarind Falls	11.1	7.0	F.U.E.L.	36.7	33.0
Le Val	4.0	4.0	Compagnie thermique de Belle Vue	70.0	62.0
Reduit	1.2	1.0	Consolidated energy limited	28.4	25.5
Cascade Cecile	1.0	1.0	Compagnie thermique du Sud	33.0	32.5
Magenta	0.9	0.9	Compagnie thermique de Savannah	90.0	74.0
La Ferme	1.2	1.2			
Total (Hydro)	59.4	53.1	<u>Continuous producers²</u>	<u>25.2</u>	<u>14.0</u>
Wind:					
Island of Rodrigues	0.2	0.2	Medine	13.0	3.0
Thermal:			Union St. Aubin	12.2	11.0
<u>Island of Mauritius</u>	<u>372.8</u>	<u>323.6</u>			
St Louis	113.2	78.6			
Fort Victoria	43.6	32.0			
Nicolay	78.0	76.0			
Fort George	138.0	137.0			
<u>Island of Rodrigues</u>	<u>9.8</u>	<u>8.9</u>			
Total (Thermal)	382.6	332.5			
Grand Total	442.2	385.7	Grand Total	283.3	241.0
Total plant capacity			Installed	Effective	
1. Island of Mauritius			715.5	617.7	
<i>CEB</i>			432.2	376.7	
<i>IPP</i>			283.3	241.0	
<i>of which: involved in export to CEB</i>			300.6	235.5	
2. Island of Rodrigues (CEB)			10.0	9.0	
Total			725.5	626.7	

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

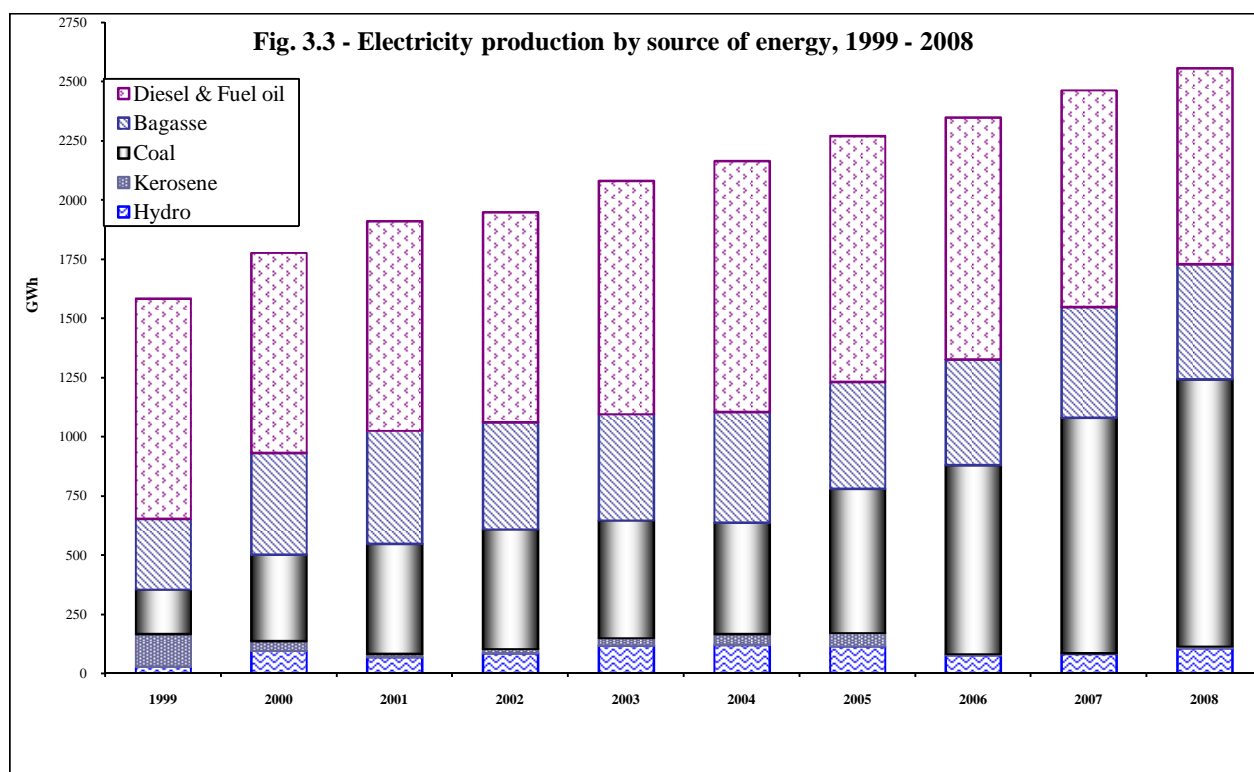


Table 3.5 - Generation of electricity by CEB and IPP, 1999- 2008

	GWh									
Power station	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
CEB	1,096.9	983.3	967.5	991.0	1,134.9	1,225.3	1,209.5	1,106.1	1,003.1	942.1
Hydro	29.5	95.3	70.4	85.6	117.7	122.3	114.9	76.6	83.9	108.0
Wind	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4
Island of Rodrigues	-	-	-	-	-	0.4	0.4	0.4	0.4	0.4
Thermal	1,067.4	888.1	897.1	905.4	1,017.2	1,102.6	1,094.2	1,029.1	918.9	833.7
Island of Mauritius	1,049.3	868.5	876.5	882.8	992.8	1,075.8	1,064.6	998.7	888.4	802.9
Island of Rodrigues	18.1	19.6	20.6	22.6	24.4	26.8	29.6	30.3	30.5	30.8
IPP	487.9	794.2	943.3	957.9	946.6	939.9	1,062.6	1,244.1	1,461.5	1,615.1
Hydro	0.5	0.4	0.4	0.3	0.1	0.0	-	-	-	-
Of which : exported to CEB	0.0	0.0	0.0	0.0	-	-	-	-	-	-
Thermal ¹	487.4	793.8	942.9	957.6	946.5	939.9	1,062.6	1,244.1	1,461.5	1,615.1
Of which : exported to CEB	343.7	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7	1,226.7	1,365.1
Coal (Firm producers ²)	155.2	322.7	413.7	447.6	433.4	407.2	533.8	719.5	879.9	998.7
Bagasse	188.5	278.5	296.5	299.1	296.1	317.9	301.6	296.2	346.8	366.4
Firm producers ²	110.8	167.0	182.8	171.1	176.2	191.0	185.0	182.6	302.8	346.7
Continuous producers ³	77.8	111.5	113.7	128.0	119.9	127.0	116.6	113.6	44.0	19.7
Total	1,584.8	1,777.5	1,910.8	1,948.9	2,081.5	2,165.2	2,272.1	2,350.2	2,464.6	2,557.2
of which renewables	328.4	525.7	548.1	537.7	566.6	592.3	568.2	522.8	552.2	594.8
Island of Mauritius										
CEB	1,078.8	963.7	946.9	968.4	1,110.5	1,198.1	1,179.5	1,075.4	972.3	911.0
IPP export to CEB	343.8	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7	1,226.7	1,365.1
Total available for sales	1,422.6	1,564.9	1,657.1	1,715.1	1,840.0	1,923.2	2,014.9	2,091.1	2,198.9	2,276.1
of which renewables	218.1	373.7	366.9	384.7	413.8	440.2	416.5	372.8	430.7	474.4

¹ Estimates

² Producing electricity all year round with bagasse/coal

³ Producing electricity with bagasse only during crop season

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

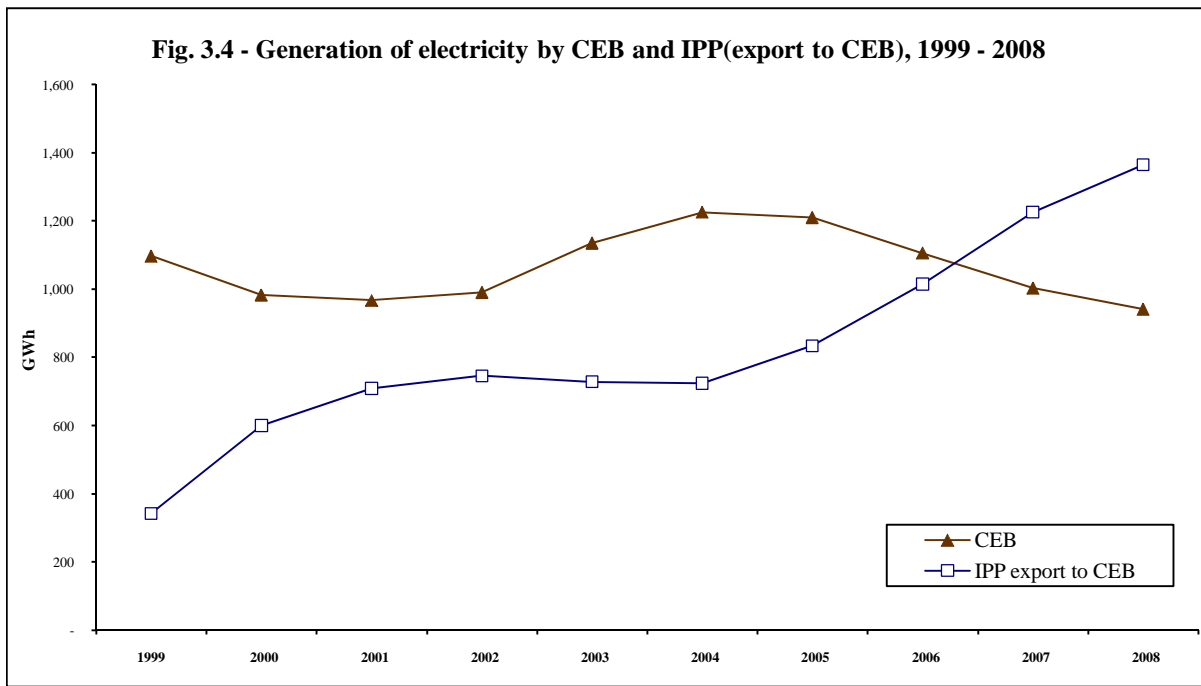


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 1999- 2008

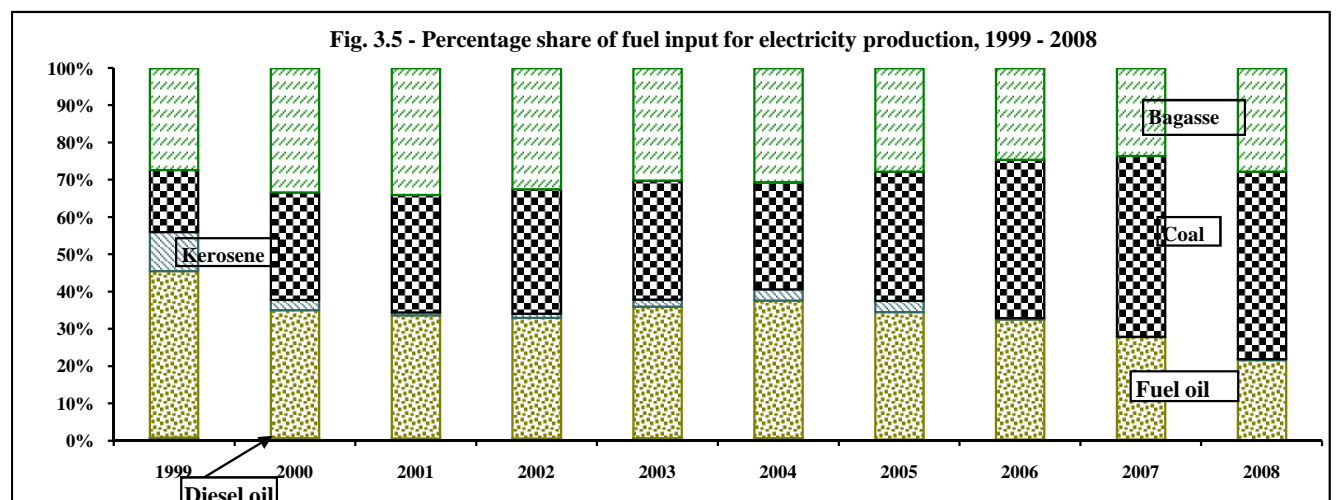
	%									
Power station	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
CEB	69.2	55.3	50.6	50.8	54.5	56.6	53.2	47.1	40.7	36.8
Hydro	1.9	5.4	3.7	4.4	5.7	5.6	5.1	3.3	3.4	4.2
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	67.4	50.0	46.9	46.5	48.9	50.9	48.2	43.8	37.3	32.6
<i>Island of Mauritius</i>	66.2	48.9	45.9	45.3	47.7	49.7	46.9	42.5	36.0	31.4
<i>Island of Rodrigues</i>	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.2	1.2
IPP	30.8	44.7	49.4	49.2	45.5	43.4	46.8	52.9	59.3	63.2
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	30.8	44.7	49.3	49.1	45.5	43.4	46.8	52.9	59.3	63.2
<i>Of which : exported to CEB</i>	21.7	33.8	37.2	38.3	35.0	33.5	36.8	43.2	49.8	53.4
Coal (<i>Firm producers</i> ¹)	9.8	18.2	21.6	23.0	20.8	18.8	23.5	30.6	35.7	39.1
Bagasse	11.9	15.7	15.5	15.3	14.2	14.7	13.3	12.6	14.1	14.3
<i>Firm producers</i> ¹	7.0	9.4	9.6	8.8	8.5	8.8	8.1	7.8	12.3	13.6
<i>Continuous producers</i> ²	4.9	6.3	5.9	6.6	5.8	5.9	5.1	4.8	1.8	0.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which renewables</i>	20.7	29.6	28.7	27.6	27.2	27.4	25.0	22.2	22.4	23.3
Island of Mauritius										
CEB	75.8	61.6	57.1	56.5	60.4	62.3	58.5	51.4	44.2	40.0
IPP export to CEB	24.2	38.4	42.9	43.5	39.6	37.7	41.5	48.6	55.8	60.0
Total available for sales	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which renewables</i>	15.3	23.9	22.1	22.4	22.5	22.9	20.7	17.8	19.6	20.8

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

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

Table 3.7 - Fuel input for electricity production, 1999 - 2008

Fuel	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Tonne										
Island of Mauritius										
Fuel oil	190,683	171,343	181,009	174,945	200,067	215,290	210,144	219,969	195,081	160,359
Diesel oil	3,064	2,822	2,553	2,771	2,423	2,335	1,909	2,232	2,638	1,400
Kerosene	41,948	13,081	3,760	5,443	9,864	16,555	17,731	1,848	1,067	2,095
Coal	112,123	228,520	273,376	286,886	287,176	265,128	340,675	462,784	552,632	609,745
Bagasse ¹	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	1,300,939
Island of Rodrigues										
Fuel oil	3,740	4,172	4,328	4,671	4,392	4,777	6,909	6,572	6,740	7,188
Diesel oil	440	542	585	710	1,472	1,633	217	299	108	180
Ktoe										
Island of Mauritius										
Fuel oil	183.06	164.49	173.77	167.95	192.06	206.68	201.74	211.17	187.28	153.94
Diesel oil	3.10	2.85	2.58	2.80	2.45	2.36	1.93	2.25	2.66	1.41
Kerosene	43.63	13.60	3.91	5.66	10.26	17.22	18.44	1.92	1.11	2.18
Coal	69.52	141.68	169.49	177.87	178.05	164.38	211.22	286.93	342.63	378.04
Bagasse	114.24	163.44	182.80	173.07	167.49	174.85	168.92	165.86	166.45	208.15
Sub total	413.53	486.07	532.55	527.34	550.31	565.48	602.24	668.13	700.13	743.73
Island of Rodrigues										
Fuel oil	3.59	4.00	4.15	4.48	4.22	4.59	6.63	6.31	6.47	6.90
Diesel oil	0.44	0.55	0.59	0.72	1.49	1.65	0.22	0.30	0.11	0.18
Sub total	4.03	4.55	4.75	5.20	5.70	6.24	6.85	6.61	6.58	7.08
Total	417.57	490.62	537.30	532.54	556.01	571.72	609.10	674.74	706.71	750.81
Percentage										
Island of Mauritius										
Fuel oil	43.8	33.5	32.3	31.5	34.5	36.2	33.1	31.3	26.5	20.5
Diesel oil	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.4	0.2
Kerosene	10.4	2.8	0.7	1.1	1.8	3.0	3.0	0.3	0.2	0.3
Coal	16.6	28.9	31.5	33.4	32.0	28.8	34.7	42.5	48.5	50.4
Bagasse	27.4	33.3	34.0	32.5	30.1	30.6	27.7	24.6	23.6	27.7
Sub total	99.0	99.1	99.1	99.0	99.0	98.9	98.9	99.0	99.1	99.1
Island of Rodrigues										
Fuel oil	0.9	0.8	0.8	0.8	0.8	0.8	1.1	0.9	0.9	0.9
Diesel oil	0.1	0.1	0.1	0.1	0.3	0.3	0.0	0.0	0.0	0.0
Sub total	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.0	0.9	0.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Estimates

Section IV

Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 1999- 2008

Sector	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1. Manufacturing	240.19	249.89	262.41	249.19	262.27	259.26	248.67	270.81	264.03	247.70
2. Transport	325.96	355.87	372.30	364.12	390.23	408.73	418.59	425.81	410.94	406.45
3. Commercial and Distributive Trade	34.09	36.93	40.78	41.72	47.68	51.54	55.68	62.68	65.25	69.07
4. Residential	91.98	99.20	101.84	102.81	107.04	110.96	115.44	108.88	108.78	110.16
5. Agriculture	4.26	4.77	4.79	4.82	4.75	4.44	4.70	4.78	4.90	4.49
6. Other (n.e.s) and losses	1.83	2.00	2.30	2.39	2.89	3.19	3.01	3.35	3.60	3.76
TOTAL	698.30	748.65	784.43	765.05	814.87	838.12	846.08	876.30	857.50	841.63

ktoe

Table 4.2 - Percentage share of final energy consumption by sector, 1999- 2008

Sector	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1. Manufacturing	34.4	33.4	33.5	32.6	32.2	30.9	29.4	30.9	30.8	29.4
2. Transport	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6	47.9	48.3
3. Commercial and Distributive Trade	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.2	7.6	8.2
4. Residential	13.2	13.3	13.0	13.4	13.1	13.2	13.6	12.4	12.7	13.1
5. Agriculture	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5
6. Other (n.e.s) and losses	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

%

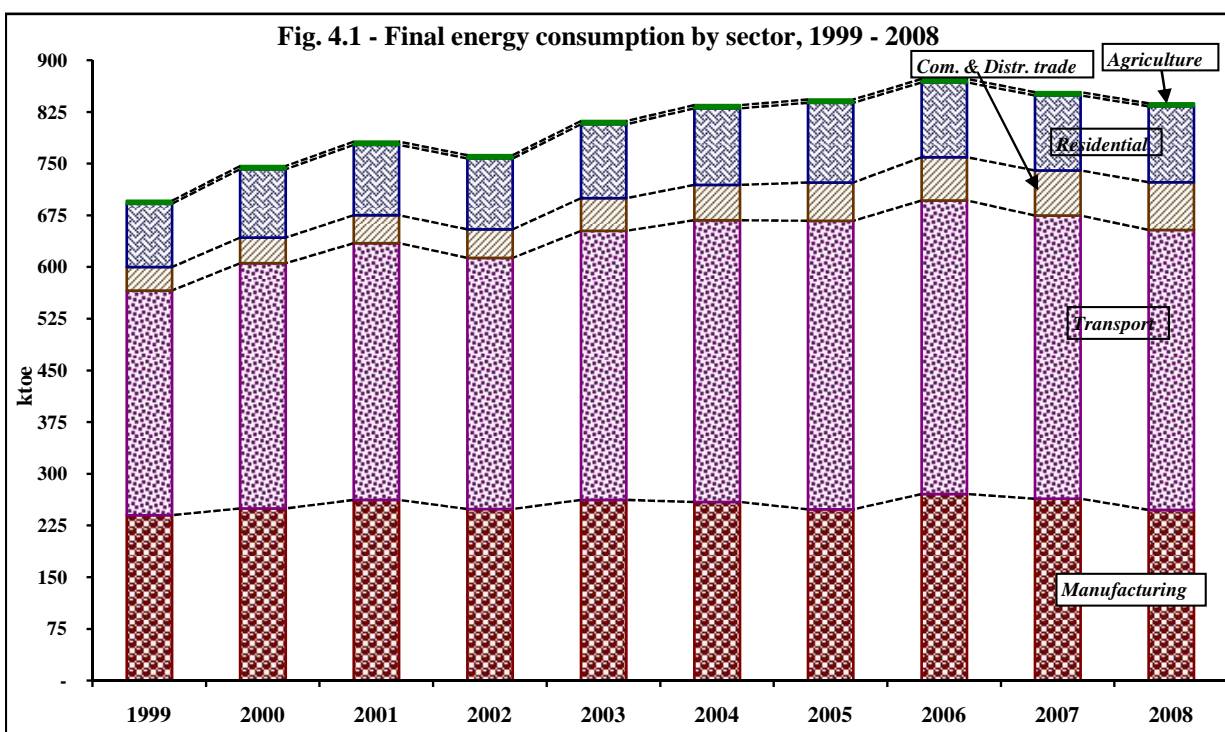


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 1999 - 2008

Sector	Unit	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ²
1. Manufacturing											
1.1 excluding bagasse											
Fuel oil	tonne	45,150	49,000	60,630	61,439	55,615	49,857	46,763	58,098	60,567	54,639
Diesel oil	tonne	32,650	41,600	37,533	37,409	41,273	43,372	41,127	49,767	48,336	46,301
LPG	tonne	3,600	3,689	3,650	3,502	2,964	2,756	3,904	3,965	4,068	4,920
Coal	tonne	24,490	24,464	25,781	25,888	29,000	24,220	23,162	21,666	19,964	41,672
Fuelwood ¹	tonne	1,800	1,500	1,500	1,450	1,430	1,415	1,400	1,425	1,425	1,425
Electricity	GWh	558.8	651.6	711.4	711.7	742.2	768.9	778.3	841.2	879.6	912.9
1.2 Bagasse ¹	tonne	600,400	531,800	529,000	442,722	510,246	518,379	476,198	463,563	400,646	239,276
2. Transport											
Gasolene	tonne	89,500	92,000	87,749	87,507	89,242	90,350	92,673	89,117	98,940	101,406
LPG	tonne	485	633	820	1,216	2,223	2,691	6,726	6,887	6,633	5,184
Diesel oil	tonne	126,500	142,000	145,555	153,437	161,267	164,120	166,510	173,689	151,779	152,910
Jet fuel for local aircraft	tonne	97,126	108,082	124,652	108,972	123,627	137,002	137,560	141,053	138,104	131,631
3. Commercial and Distributive Trade											
LPG	tonne	4,500	4,150	4,450	4,559	5,749	6,372	6,985	11,436	10,927	10,094
Charcoal ³	tonne	300	300	330	340	350	360	380	393	407	422
Electricity	GWh	337.38	374.85	415.54	424.92	479.26	516.23	556.41	581.81	617.95	672.71
4. Residential											
Kerosene	tonne	9,100	9,600	9,480	8,409	8,265	8,726	9,765	3,923	1,238	1,772
LPG	tonne	34,700	37,710	37,850	39,023	40,559	42,856	43,206	41,599	42,088	42,394
Fuelwood ³	tonne	16,400	16,000	15,900	15,850	15,780	15,940	16,540	17,473	17,497	16,726
Charcoal ³	tonne	200	150	150	130	125	120	130	123	126	119
Electricity	GWh	449.60	491.93	522.80	532.55	564.61	575.01	607.49	617.88	642.97	652.17
5. Agriculture											
Diesel oil ³	tonne	2,300	2,400	2,460	2,430	2,410	2,375	2,345	2,289	2,456	2,241
Electricity	GWh	22.47	27.24	26.77	27.48	26.96	23.79	27.07	28.73	28.19	25.83

¹ Revised

² Provisional

³ Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 1999- 2008

	ktoe									
Sector	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1. Manufacturing	240.2	249.9	262.4	249.2	262.3	259.3	248.7	270.8	264.0	247.7
1.1 excluding bagasse	144.1	164.8	177.8	178.4	180.6	176.3	172.5	196.6	199.9	209.4
Fuel oil	43.3	47.0	58.2	59.0	53.4	47.9	44.9	55.8	58.1	52.5
Diesel oil	33.0	42.0	37.9	37.8	41.7	43.8	41.5	50.3	48.8	46.8
LPG	3.9	4.0	3.9	3.8	3.2	3.0	4.2	4.3	4.4	5.3
Coal	15.2	15.2	16.0	16.1	18.0	15.0	14.4	13.4	12.4	25.8
Fuelwood ¹	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Electricity	48.0	56.0	61.2	61.2	63.8	66.1	66.9	72.3	75.6	78.5
1.2 bagasse ¹	96.1	85.1	84.6	70.8	81.6	82.9	76.2	74.2	64.1	38.3
2. Transport	326.0	355.9	372.3	364.1	390.2	408.7	418.6	425.8	410.9	406.5
Gasolene	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	109.5
LPG	0.5	0.7	0.9	1.3	2.4	2.9	7.3	7.4	7.2	5.6
Diesel oil	127.8	143.4	147.0	155.0	162.9	165.8	168.2	175.4	153.3	154.4
Jet fuel for local aircraft	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6	136.9
3. Commercial and Distributive Trade	34.1	36.9	40.8	41.7	47.7	51.5	55.7	62.7	65.2	69.1
LPG	4.9	4.5	4.8	4.9	6.2	6.9	7.5	12.4	11.8	10.9
Charcoal ¹	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	29.0	32.2	35.7	36.5	41.2	44.4	47.9	50.0	53.1	57.9
4. Residential	92.0	99.2	101.8	102.8	107.0	111.0	115.4	108.9	108.8	110.2
Kerosene	9.5	10.0	9.9	8.7	8.6	9.1	10.2	4.1	1.3	1.8
LPG	37.5	40.7	40.9	42.1	43.8	46.3	46.7	44.9	45.5	45.8
Fuelwood ¹	6.2	6.1	6.0	6.0	6.0	6.1	6.3	6.6	6.6	6.4
Charcoal ¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	38.7	42.3	45.0	45.8	48.6	49.5	52.2	53.1	55.3	56.1
5. Agriculture	4.3	4.8	4.8	4.8	4.8	4.4	4.7	4.8	4.9	4.5
Diesel oil ¹	2.3	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.5	2.3
Electricity	1.9	2.3	2.3	2.4	2.3	2.0	2.3	2.5	2.4	2.2
6. Other (n.e.s) and losses	1.8	2.0	2.3	2.4	2.9	3.2	3.0	3.3	3.6	3.8
TOTAL	698.3	748.6	784.4	765.0	814.9	838.1	846.1	876.3	857.5	841.6

¹ Estimates

Table 4.5 - Percentage share of final energy consumption in ktoe by sector and type of fuel, 1999- 2008

	%									
Sector	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1. Manufacturing	34.4	33.4	33.5	32.6	32.2	30.9	29.4	30.9	30.8	29.4
1.1 Excluding bagasse	20.6	22.0	22.7	23.3	22.2	21.0	20.4	22.4	23.3	24.9
Fuel oil	6.2	6.3	7.4	7.7	6.6	5.7	5.3	6.4	6.8	6.2
Diesel oil	4.7	5.6	4.8	4.9	5.1	5.2	4.9	5.7	5.7	5.6
LPG	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.6
Coal	2.2	2.0	2.0	2.1	2.2	1.8	1.7	1.5	1.4	3.1
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	6.9	7.5	7.8	8.0	7.8	7.9	7.9	8.3	8.8	9.3
1.2 Bagasse	13.8	11.4	10.8	9.3	10.0	9.9	9.0	8.5	7.5	4.5
2. Transport	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6	47.9	48.3
Gasolene	13.8	13.3	12.1	12.4	11.8	11.6	11.8	11.0	12.5	13.0
LPG	0.1	0.1	0.1	0.2	0.3	0.3	0.9	0.8	0.8	0.7
Diesel oil	18.3	19.2	18.7	20.3	20.0	19.8	19.9	20.0	17.9	18.4
Jet fuel for local aircraft	14.5	15.0	16.5	14.8	15.8	17.0	16.9	16.7	16.7	16.3
3. Commercial and Distributive Trade	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.2	7.6	8.2
LPG	0.7	0.6	0.6	0.6	0.8	0.8	0.9	1.4	1.4	1.3
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	4.2	4.3	4.6	4.8	5.1	5.3	5.7	5.7	6.2	6.9
4. Residential	13.2	13.3	13.0	13.4	13.1	13.2	13.6	12.4	12.7	13.1
Kerosene	1.4	1.3	1.3	1.1	1.1	1.1	1.2	0.5	0.2	0.2
LPG	5.4	5.4	5.2	5.5	5.4	5.5	5.5	5.1	5.3	5.4
Fuelwood	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.8	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	5.5	5.6	5.7	6.0	6.0	5.9	6.2	6.1	6.4	6.7
5. Agriculture	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5
Diesel oil	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
6. Other (n.e.s) and losses	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4.6 - Final energy consumption by energy source, 1999- 2008

Energy source		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	Unit	Physical unit									
Coal	Thousand tonnes	24.5	24.5	25.8	25.9	29.0	24.2	23.2	21.7	20.0	41.7
Gasolene	"	89.5	92.0	87.7	87.5	89.2	90.4	92.7	89.1	98.9	101.4
Diesel Oil	"	161.5	186.0	185.5	193.3	205.0	209.9	210.0	225.7	202.6	201.5
Jet fuel for local aircraft	"	97.1	108.1	124.7	109.0	123.6	137.0	137.6	141.1	138.1	131.6
Kerosene	"	9.1	9.6	9.5	8.4	8.3	8.7	9.8	3.9	1.2	1.8
Fuel Oil	"	45.2	49.0	60.6	61.4	55.6	49.9	46.8	58.1	60.6	54.6
LPG	"	43.3	46.2	47.1	48.3	51.7	54.9	60.9	63.9	63.8	62.9
Bagasse ¹	"	600.4	531.8	529.0	442.7	510.2	518.4	476.2	463.6	400.6	239.3
Fuelwood ¹	"	18.2	17.5	17.4	17.3	17.2	17.4	17.9	18.9	18.9	18.2
Charcoal ¹	"	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Electricity	GWh	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	2,303.7
		Energy unit									
Fossil fuels	ktoe	475.6	521.8	546.7	539.2	567.8	583.2	590.4	613.3	595.7	597.9
Coal	"	15.2	15.2	16.0	16.1	18.0	15.0	14.4	13.4	12.4	25.8
Petroleum products:	"	460.4	506.7	530.7	523.2	549.8	568.2	576.0	599.8	583.4	572.1
Gasolene	"	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	109.5
Diesel Oil	"	163.1	187.9	187.4	195.2	207.0	212.0	212.1	228.0	204.6	203.5
Jet fuel for local aircraft	"	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6	136.9
Kerosene	"	9.5	10.0	9.9	8.7	8.6	9.1	10.2	4.1	1.3	1.8
Fuel Oil	"	43.3	47.0	58.2	59.0	53.4	47.9	44.9	55.8	58.1	52.5
LPG	"	46.9	50.0	50.8	52.5	55.8	59.2	65.7	69.0	68.9	67.9
Renewables	"	103.4	92.1	91.6	77.8	88.5	89.9	83.4	81.7	71.7	45.6
Bagasse	"	96.1	85.1	84.6	70.8	81.6	82.9	76.2	74.2	64.1	38.3
Fuelwood	"	6.9	6.7	6.6	6.6	6.5	6.6	6.8	7.2	7.2	6.9
Charcoal	"	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Electricity	"	119.4	134.8	146.2	148.0	158.6	165.0	172.4	181.3	190.1	198.1
Total	"	698.3	749.0	784.5	765.0	814.9	838.1	846.2	876.3	857.5	841.6
		Share									
Fossil fuels	%	68.1	69.7	69.7	70.5	69.7	69.6	69.8	70.0	69.5	71.0
Coal	"	2.2	2.0	2.0	2.1	2.2	1.8	1.7	1.5	1.4	3.1
Petroleum products:	"	65.9	67.7	67.7	68.4	67.5	67.8	68.1	68.5	68.0	68.0
Gasolene	"	13.8	13.3	12.1	12.4	11.8	11.6	11.8	11.0	12.5	13.0
Diesel Oil	"	23.4	25.1	23.9	25.5	25.4	25.3	25.1	26.0	23.9	24.2
Jet fuel for local aircraft	"	14.5	15.0	16.5	14.8	15.8	17.0	16.9	16.7	16.7	16.3
Kerosene	"	1.4	1.3	1.3	1.1	1.1	1.1	1.2	0.5	0.2	0.2
Fuel Oil	"	6.2	6.3	7.4	7.7	6.6	5.7	5.3	6.4	6.8	6.2
LPG	"	6.7	6.7	6.5	6.9	6.9	7.1	7.8	7.9	8.0	8.1
Renewables	"	14.8	12.3	11.7	10.2	10.9	10.7	9.9	9.3	8.4	5.4
Bagasse	"	13.8	11.4	10.8	9.3	10.0	9.9	9.0	8.5	7.5	4.5
Fuelwood	"	1.0	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8
Charcoal	"	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	"	17.1	18.0	18.6	19.3	19.5	19.7	20.4	20.7	22.2	23.5
Total	"	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Estimates

Fig 4.2 - Final energy consumption by main energy sources, 1999 - 2008

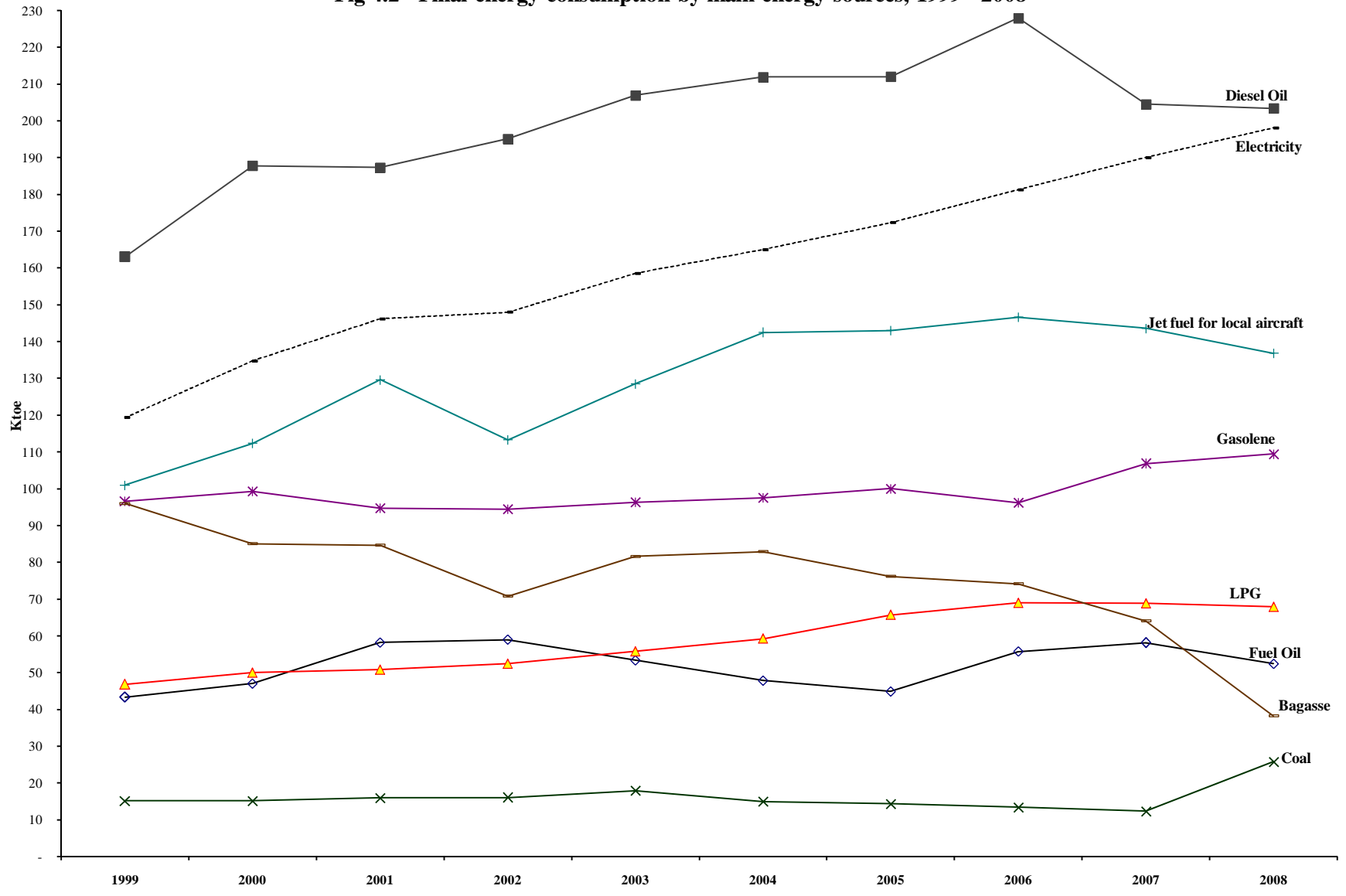


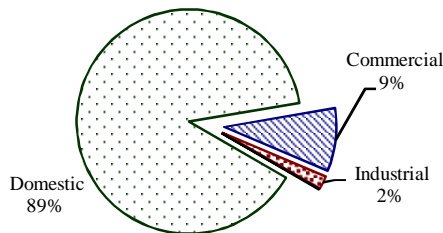
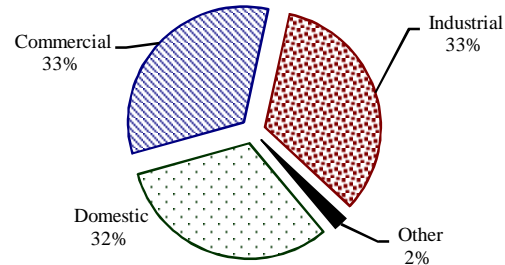
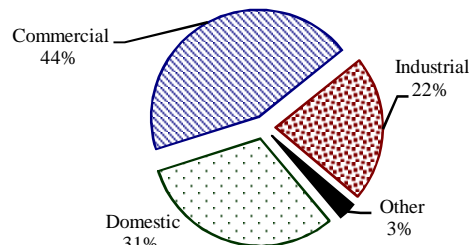
Table 4.7 - Sales of electricity by type of tariff, 1999 - 2008 (Republic of Mauritius)

Tariff group	1999	2000	2001	2002	2003	2004	2005	2006	2007 ¹	2008 ²
Number of consumers										
Domestic	279,432	288,520	297,051	303,620	311,523	319,425	328,726	335,816	343,142	350,627
Commercial	26,642	27,831	28,594	29,030	29,779	30,541	31,891	33,089	34,388	35,721
Industrial	7,090	7,008	7,084	7,164	7,218	7,205	7,316	7,364	7,435	7,295
Other	281	293	299	311	328	335	338	349	356	369
Total	313,445	323,652	333,028	340,125	348,848	357,506	368,271	376,618	385,321	394,012
GWh sold										
Domestic	449.6	491.9	522.8	532.5	564.6	575.0	607.5	617.9	643.0	652.2
Commercial	337.4	374.8	415.5	424.9	479.3	516.2	556.4	581.8	617.9	672.7
Industrial	437.2	485.8	505.0	527.9	552.0	577.9	578.1	641.6	673.0	688.7
Other	19.9	21.4	23.3	24.4	31.0	34.8	35.4	38.5	41.4	40.0
Total	1,244.1	1,374.0	1,466.7	1,509.8	1,626.89	1,703.9	1,777.5	1,879.8	1,975.3	2,053.7
Value sold (Rs.mn)										
Domestic	959.5	1,156.3	1,473.4	1,649.8	1,783.6	1,855.7	2,031.8	2,264.1	2,463.6	3,089.1
Commercial	823.8	1,038.5	1,411.4	1,707.7	1,928.6	2,091.6	2,312.4	2,779.1	3,109.5	4,359.8
Industrial	789.4	909.8	1,002.3	1,120.0	1,176.0	1,253.2	1,268.3	1,532.4	1,691.6	2,164.1
Other	56.9	66.3	83.7	104.5	134.6	151.6	159.2	194.3	216.8	270.1
Total	2,629.5	3,171.0	3,970.8	4,582.0	5,022.79	5,352.1	5,771.7	6,769.9	7,481.5	9,883.0
Average sales price (Rs./kWh)										
Domestic	2.13	2.35	2.82	3.10	3.16	3.23	3.34	3.66	3.83	4.74
Commercial	2.44	2.77	3.40	4.02	4.02	4.05	4.16	4.78	5.03	6.48
Industrial	1.81	1.87	1.98	2.12	2.13	2.17	2.19	2.39	2.51	3.14
Other	2.85	3.09	3.60	4.28	4.34	4.35	4.49	5.04	5.24	6.75
Total	2.11	2.31	2.71	3.03	3.09	3.14	3.25	3.60	3.79	4.81
Average no. of units per consumer (kWh)										
Domestic	1,609	1,705	1,760	1,754	1,812	1,800	1,848	1,840	1,874	1,860
Commercial	12,663	13,469	14,533	14,637	16,094	16,903	17,447	17,583	17,970	18,832
Industrial	61,668	69,320	71,290	73,695	76,476	80,204	79,022	87,123	90,514	94,414
Other	70,916	73,163	77,896	78,497	94,594	104,005	104,843	110,409	116,273	108,486
Total	3,969	4,245	4,404	4,439	4,664	4,766	4,827	4,991	5,126	5,212

1 Revised

2 Provisional

Source: Central Electricity Board

Fig. 4.3 - Percentage distribution of electricity consumers by type of tariff, 2008**Fig. 4.4 - Percentage share of electricity consumed by type of tariff, 2008****Fig. 4.5 - Percentage share of sales value of electricity by type of tariff, 2008**

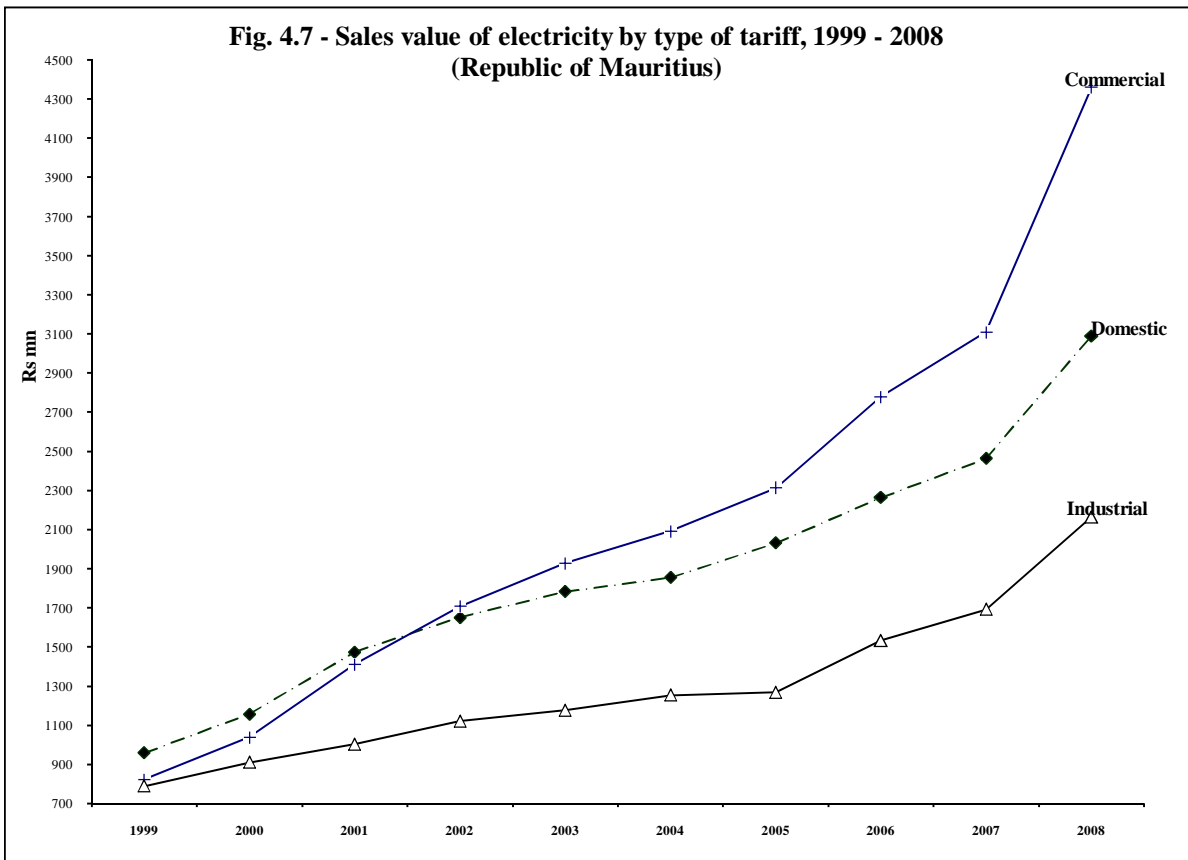
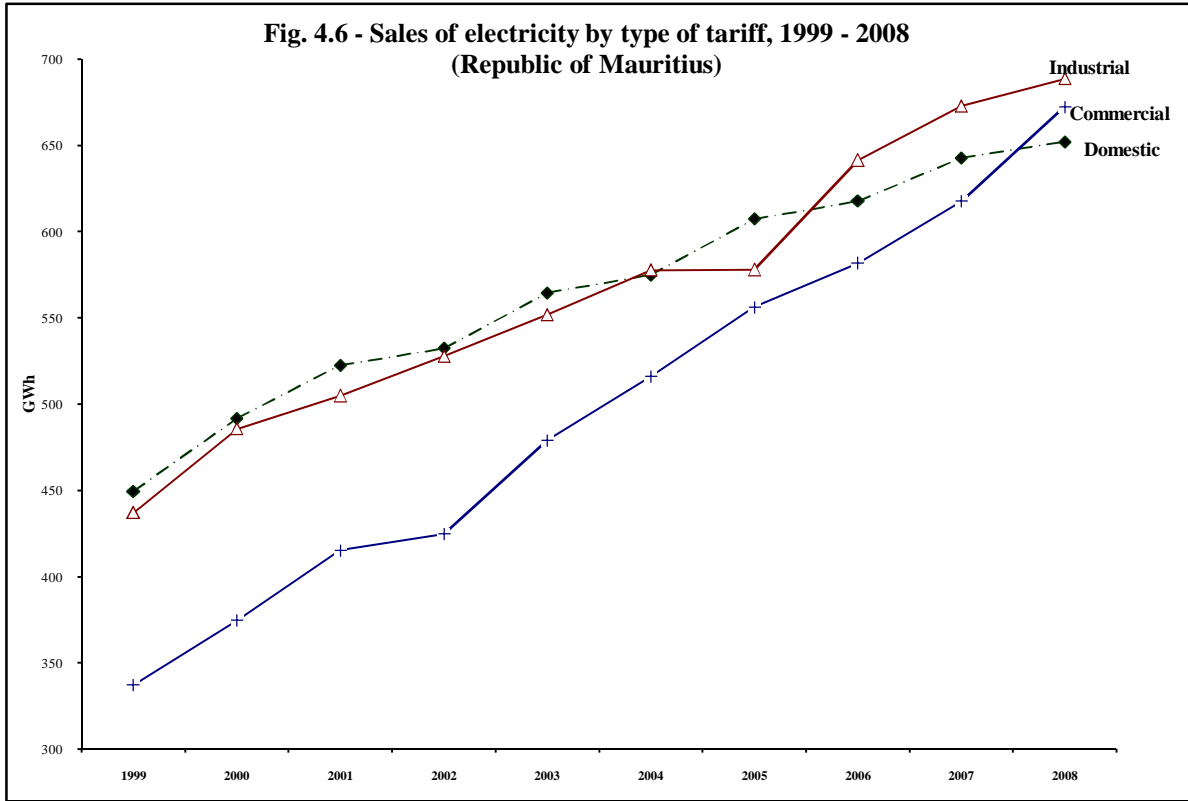


Table 4.8 - Sales of electricity by type of tariff, 1999 - 2008 (Island of Mauritius)

Tariff group	1999	2000	2001	2002	2003	2004	2005	2006	2007 ¹	2008 ²
Number of consumers										
Domestic	271,061	279,886	288,324	294,666	302,387	310,078	319,075	325,830	332,900	340,217
Commercial	25,730	26,915	27,655	28,054	28,797	29,552	30,866	32,060	33,309	34,630
Industrial	6,981	6,879	6,941	6,980	7,057	7,032	7,132	7,176	7,245	7,096
<i>General</i>	6,419	6,531	6,624	6,662	6,681	6,629	6,710	6,729	6,782	6,631
<i>Irrigation</i>	562	348	317	318	376	403	422	447	463	465
Other	257	283	293	305	322	328	331	342	349	362
Total	304,029	313,963	323,213	330,005	338,563	346,990	357,404	365,408	373,803	382,305
GWh sold										
Domestic	440.3	482.1	512.0	521.1	552.6	562.4	593.2	603.4	628.4	637.5
Commercial	333.5	370.7	411.0	419.7	473.0	509.2	548.2	574.1	610.1	664.5
Industrial	435.5	484.5	503.8	526.7	550.6	576.0	575.8	639.7	671.2	687.0
<i>General</i>	413.1	457.3	477.1	499.2	523.7	552.4	549.1	611.0	643.0	661.1
<i>Irrigation</i>	22.5	27.2	26.7	27.4	26.9	23.7	26.8	28.7	28.2	25.8
Other	19.9	21.2	23.1	24.2	30.8	34.5	35.0	38.0	40.8	39.4
<i>Street Lighting</i>	17.6	19.2	20.9	21.8	27.6	30.6	31.6	32.6	33.1	34.0
<i>Temporary</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.2	0.2
<i>CEB</i>	2.2	1.9	2.0	2.2	3.0	3.8	3.0	4.9	7.4	5.2
Total	1,229.3	1,358.5	1,449.8	1,491.7	1,607.0	1,682.0	1,752.2	1,855.1	1,950.5	2,028.4
Value sold (Rs.mn)										
Domestic	939.5	1,134.0	1,445.6	1,617.3	1,749.2	1,817.5	1,986.4	2,215.0	2,412.2	3,025.3
Commercial	811.9	1,024.8	1,393.0	1,683.1	1,899.3	2,057.5	2,272.1	2,736.0	3,062.7	4,296.6
Industrial	785.6	906.6	999.0	1,116.5	1,171.9	1,248.3	1,262.0	1,526.4	1,685.7	2,156.5
<i>General</i>	724.9	868.8	960.7	1,071.9	1,128.1	1,208.8	1,216.1	1,472.5	1,629.9	2,092.7
<i>Irrigation</i>	60.7	37.8	38.3	44.6	43.8	39.5	45.9	54.0	55.8	63.7
Other	56.8	65.7	82.9	103.5	133.5	150.0	157.0	191.4	213.6	265.6
Total	2,593.8	3,131.1	3,920.6	4,520.3	4,953.9	5,273.3	5,677.6	6,668.8	7,374.3	9,744.0
Average sales price (Rs./kWh)										
Domestic	2.13	2.35	2.82	3.10	3.17	3.23	3.35	3.67	3.84	4.75
Commercial	2.43	2.76	3.39	4.01	4.02	4.04	4.14	4.77	5.02	6.47
Industrial	1.80	1.87	1.98	2.12	2.13	2.17	2.19	2.39	2.51	3.14
<i>General</i>	1.75	1.90	2.01	2.15	2.15	2.19	2.21	2.41	2.53	3.17
<i>Irrigation</i>	2.70	1.39	1.43	1.62	1.63	1.67	1.72	1.88	1.98	2.47
Other	2.85	3.10	3.60	4.28	4.34	4.35	4.49	5.04	5.23	6.75
All tariff	2.11	2.30	2.70	3.03	3.08	3.14	3.24	3.59	3.78	4.80
Average no. of units per consumer (kWh)										
Domestic	1,624	1,723	1,776	1,769	1,828	1,814	1,859	1,852	1,888	1,874
Commercial	12,961	13,771	14,861	14,960	16,426	17,229	17,761	17,907	18,317	19,189
Industrial	62,389	70,430	72,589	75,455	78,022	81,917	80,739	89,139	92,644	96,808
<i>General</i>	64,351	70,014	72,026	74,937	78,382	83,328	81,830	90,794	94,815	99,705
<i>Irrigation</i>	39,985	78,223	84,348	86,313	71,625	58,716	63,398	64,220	60,843	55,497
Other	68,419	67,843	71,391	71,610	85,748	93,190	95,480	95,368	94,979	93,867
All consumers	4,043	4,327	4,486	4,520	4,747	4,848	4,903	5,077	5,218	5,306

1 Revised

2 Provisional

Source: Central Electricity Board

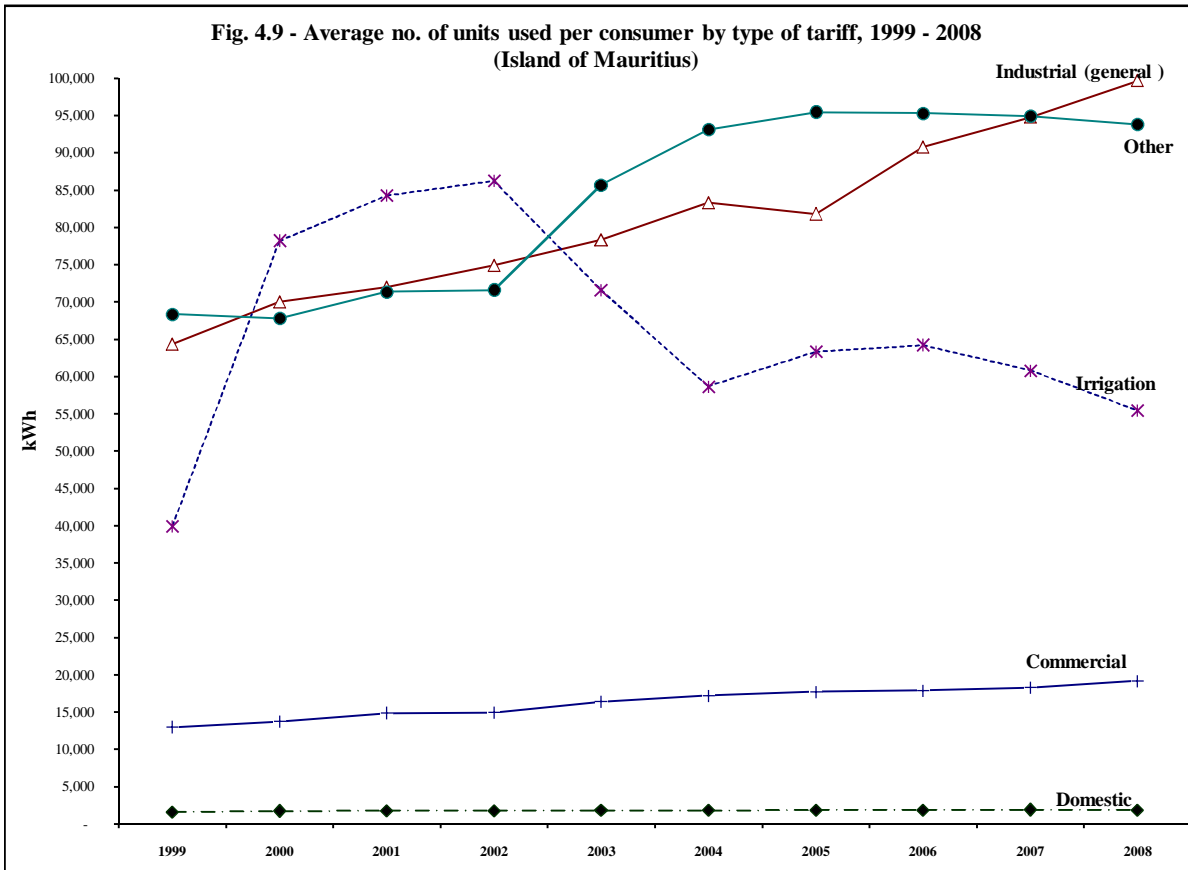
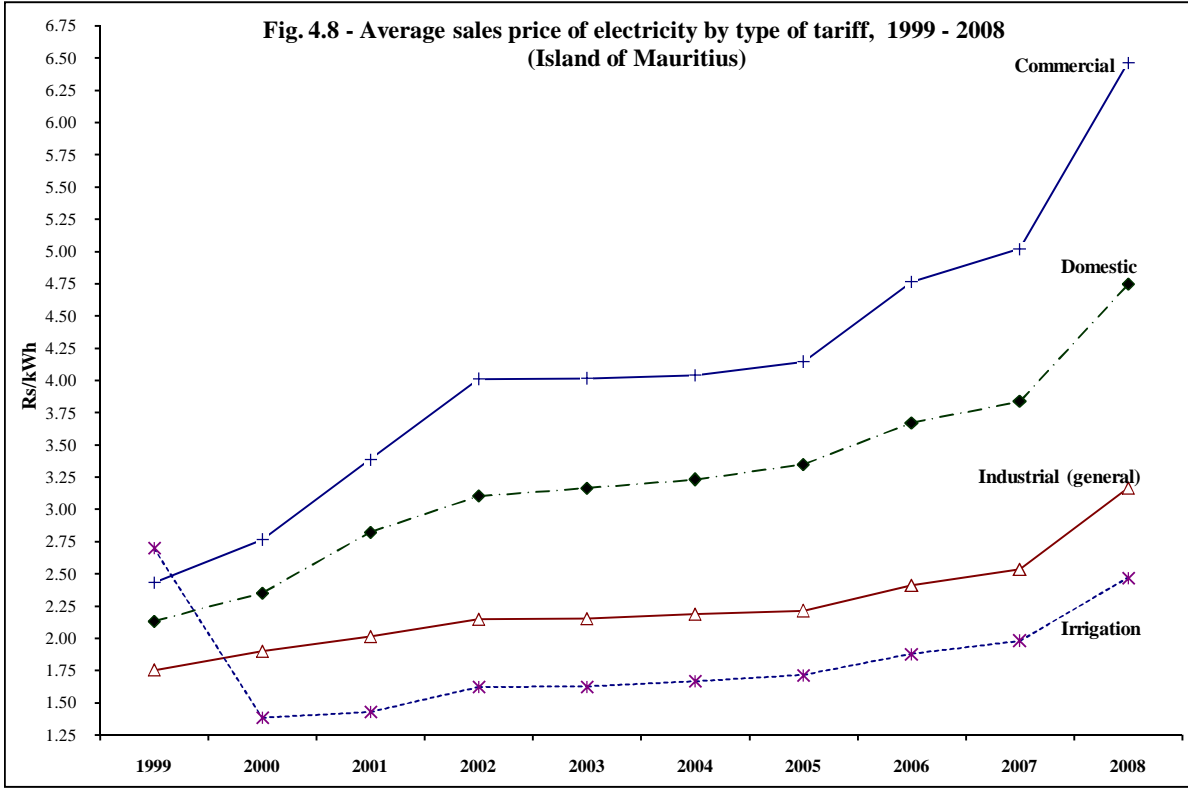


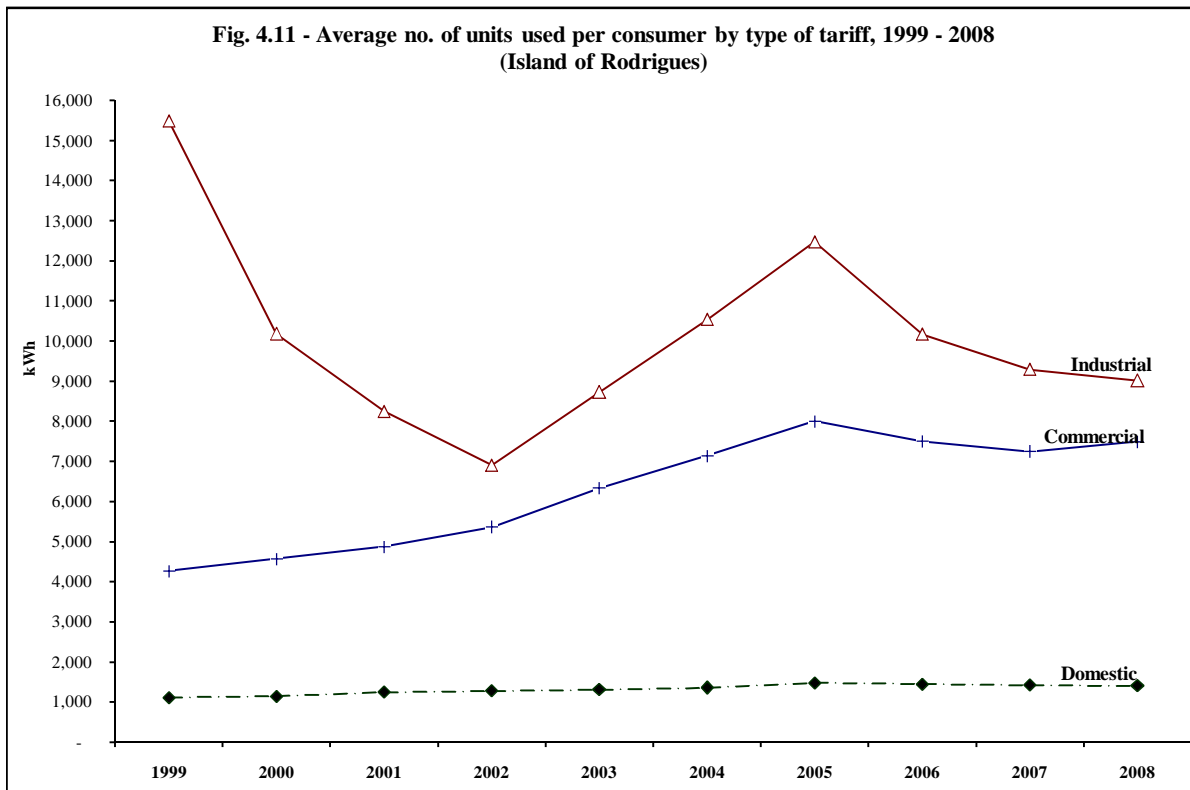
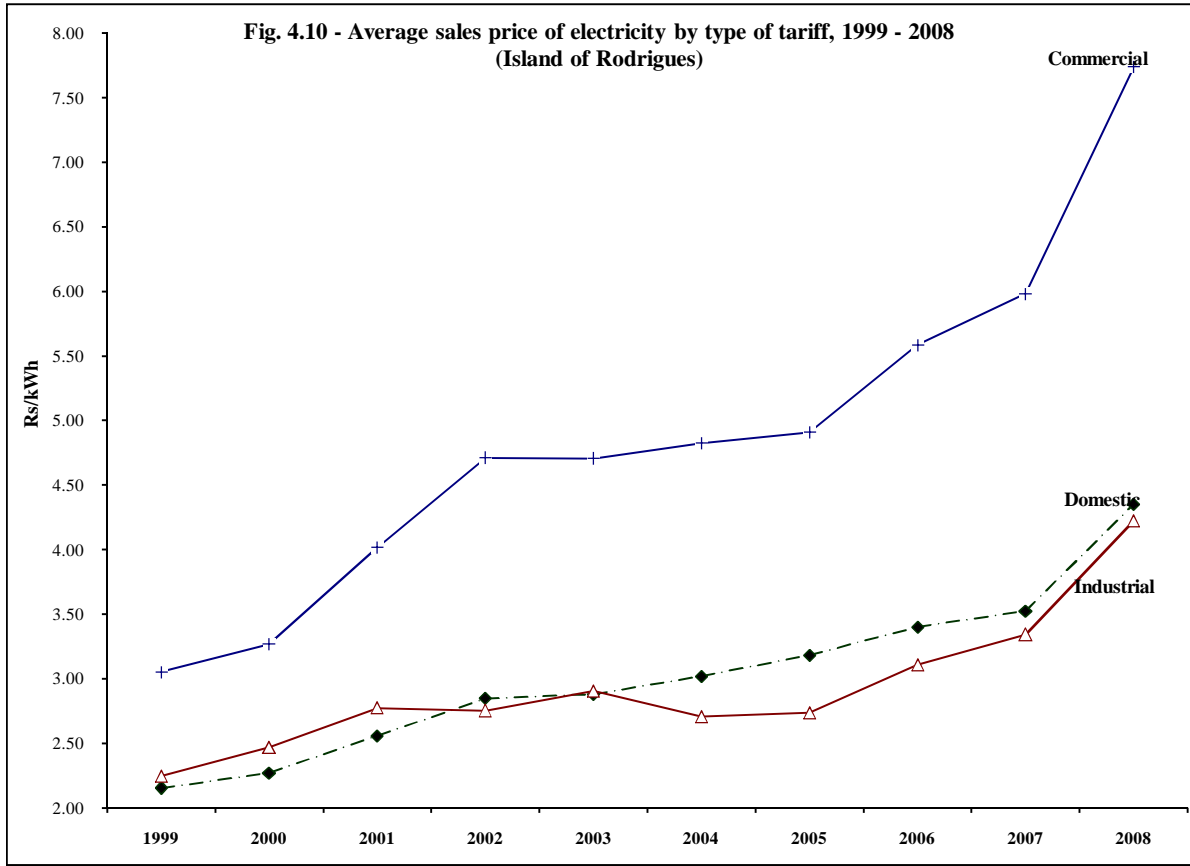
Table 4.9 - Sales of electricity by type of tariff, 1999 - 2008 (Island of Rodrigues)

Tariff group	1999	2000	2001	2002	2003	2004	2005	2006	2007 ¹	2008 ²
Number of consumers										
Domestic	8,371	8,634	8,727	8,954	9,136	9,347	9,651	9,986	10,242	10,410
Commercial	912	916	939	976	982	989	1,025	1,029	1,079	1,091
Industrial	109	129	143	184	161	173	184	188	190	199
Other	24	10	6	6	6	7	7	7	7	7
Total	9,416	9,689	9,815	10,120	10,285	10,516	10,867	11,210	11,518	11,707
GWh sold										
Domestic	9.3	9.8	10.8	11.4	12.0	12.6	14.3	14.4	14.6	14.6
Commercial	3.9	4.2	4.6	5.2	6.2	7.1	8.2	7.7	7.8	8.2
Industrial	1.7	1.3	1.2	1.3	1.4	1.8	2.3	1.9	1.8	1.8
Other	0.0	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7
Total	14.9	15.6	16.8	18.2	19.8	21.9	25.2	24.7	24.7	25.3
Value sold (Rs.mn)										
Domestic	20.0	22.3	27.7	32.5	34.4	38.2	45.4	49.1	51.3	63.7
Commercial	11.9	13.7	18.4	24.6	29.3	34.1	40.3	43.1	46.8	63.3
Industrial	3.8	3.2	3.3	3.5	4.1	4.9	6.3	5.9	5.9	7.6
Other	0.0	0.7	0.8	1.0	1.1	1.6	2.2	2.9	3.2	4.5
Total	35.7	39.9	50.2	61.7	68.9	78.8	94.1	101.1	107.2	139.0
Average sales price (Rs./kWh)										
Domestic	2.15	2.27	2.56	2.85	2.88	3.02	3.18	3.40	3.52	4.35
Commercial	3.05	3.27	4.02	4.71	4.71	4.83	4.91	5.59	5.98	7.74
Industrial	2.25	2.47	2.77	2.75	2.90	2.71	2.74	3.11	3.34	4.22
Other	3.17	2.90	3.50	4.20	4.20	4.36	4.49	5.05	5.37	6.81
Average	2.40	2.57	2.98	3.40	3.47	3.60	3.73	4.10	4.33	5.50
Average no. of units per consumer (kWh)										
Domestic	1,110	1,137	1,243	1,274	1,309	1,352	1,477	1,446	1,422	1,406
Commercial	4,266	4,576	4,873	5,359	6,336	7,145	8,006	7,505	7,243	7,492
Industrial	15,496	10,180	8,242	6,902	8,727	10,539	12,474	10,169	9,292	9,016
Other	603	22,715	39,793	41,148	44,122	53,047	69,034	81,968	84,841	93,746
Average	1,581	1,605	1,716	1,794	1,930	2,083	2,323	2,199	2,148	2,158

1 Revised

2 Provisional

Source: Central Electricity Board



Section V
Energy data from
Housing and Population Census

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

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

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

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

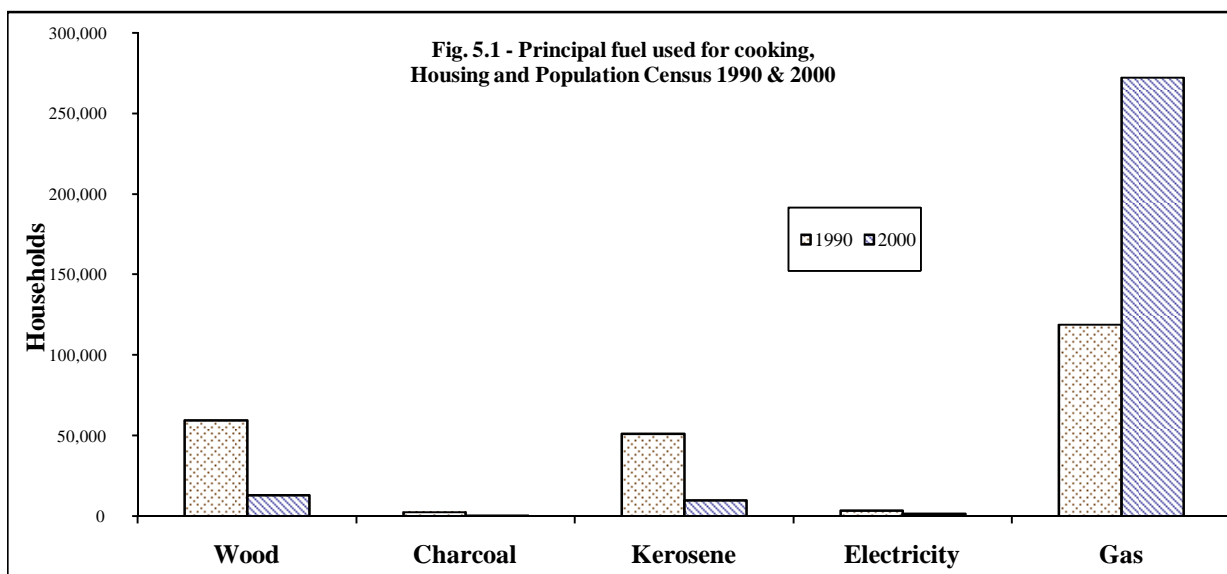
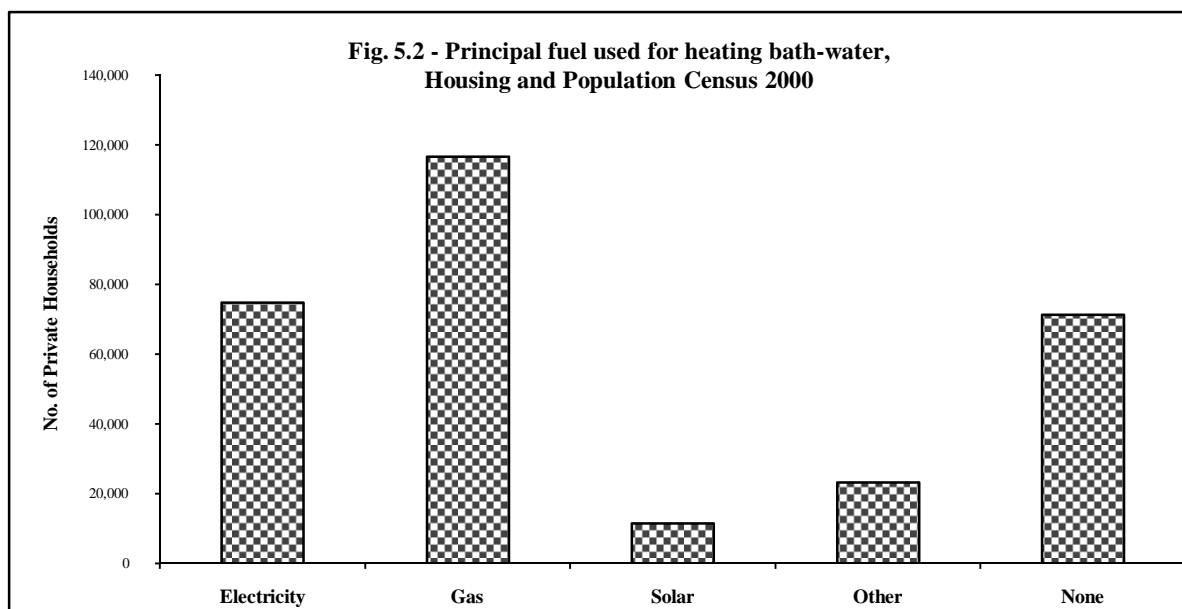


Table 5.3 - Private households by geographical location of residence and principal fuel used for heating bath-water¹ - Housing and Population Census 2000

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

¹ The water need not be heated in the bathroom

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



Section VI
Water Statistics

Table 6.1 - Water balance for *Island of Mauritius* , 2004 - 2008

	Unit	2004	2005	2006	2007	2008
Rainfall	Mm ³	4,233	4,423	3,571	3,644	4,440
Surface Runoff	Mm ³	2,540	2,654	2,143	2,186	2,664
Evapotranspiration	Mm ³	1,270	1,327	1,071	1,093	1,332
Net Recharge to Groundwater	Mm ³	423	442	357	364	444

Source : Water Resources Unit, Ministry of Public Utilities

Table 6.2 - Main water indicators^{1/}, 2004 - 2008

Details	Unit	2004	2005	2006	2007	2008
Mid-year population	thousand	1,197	1,206	1,216	1,223	1,231
Mean annual rainfall						
<i>Island of Mauritius</i>	Millimetres	2,270	2,372	1,914	1,954	2,382
<i>Island of Rodrigues</i>	Millimetres	1,134	1,275	1,189	1,226	1,055
Potable water produced	Mm ³	185	195	187	205	209
Potable water consumed	Mm ³	90	94	94	95	94
Potable water produced per capita per day	litres	423	442	421	460	465
Potable water consumed per capita per day	litres	206	213	212	213	209

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, 2007 & 2008

Utilisation	2007				2008 ¹			
	Source of water			Total	Source of water			Total
	Surface water		Ground water		Surface water		Ground water	
	River-run offtakes	Reservoirs		River-run offtakes	Reservoirs			
Domestic, Industrial, Commercial and Hotels	35	67	99	201	36	61	112	209
Industrial from private boreholes	-	-	6	6	5	-	10	15
Agricultural irrigation	338	78	7	423	361	83	21	465
Hydropower	137	117	-	254	138	143	-	281
Total	510	262	112	884	540	287	143	970

¹ Estimates

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, 1999 - 2008

Source	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Surface water	405	536	515	524	552	512	541	528	518	546
<i>Reservoirs</i>	61	147	125	128	169	167	154	146	145	144
<i>Rivers and streams</i>	344	389	390	396	383	345	387	382	373	402
Ground water	111	145	145	148	148	150	150	154	112	143
Total	516	681	660	672	700	662	691	682	630	689

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	Diamamouve	Eau Bleue	Mare aux Vacoas	Mare Longue	Midlands Dam	Piton du Milieu	Dagotiere	Valetta	La Ferme	Tamarind Falls	Total Storage Capacity
Capacity (Mm ³)	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. Wilhems			Moka			Black River		
Use	Domestic, Irrigation & Industrial	Hydro-power		Domestic	Hydro-power & Irrigation	Domestic, Irrigation & Industrial	Domestic	Sugar mill & Irrigation		Irrigation	Hydro-power & Irrigation	

Source : Water Resources Unit, Ministry of Public Utilities

Table 6.6 - Mean rainfall, 2004 - 2008 (Island of Mauritius)

		<i>Millimetres</i>																					
Period	Long Term Mean (1971-2000)	2004		2005		2006		2007		2008		Long Term Mean (1971-2000)	2004		2005		2006		2007		2008		
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	
Year	North											South											
		1,341	1495	111	1494	111	1464	109	1095	82	1808	135	2,557	2794	109	2927	114	2200	86	2375	93	2593	101
	Jan	186	331	178	80	43	285	154	194	104	219	118	290	490	169	162	56	440	151	390	134	250	86
	Feb	245	134	55	270	110	292	119	306	125	172	70	366	417	114	369	101	354	97	598	163	261	71
	Mar	161	189	117	564	350	395	245	95	59	476	295	325	271	83	865	266	451	139	208	64	436	134
	Apr	165	187	113	47	28	65	39	69	42	35	21	280	396	141	205	73	111	40	177	63	47	17
	May	107	133	124	55	51	44	41	89	83	169	157	212	290	137	152	72	53	25	200	94	472	223
	Jun	72	70	97	69	96	107	148	111	154	159	220	157	196	125	193	123	123	78	169	108	192	122
	Jul	73	75	103	103	141	89	122	63	86	93	127	180	111	62	249	138	233	130	173	96	155	86
	Aug	68	28	41	67	99	48	71	33	49	41	60	180	53	29	124	69	105	58	80	44	106	59
	Sep	44	135	307	126	286	44	100	27	61	290	660	112	104	93	342	305	78	70	116	104	343	307
	Oct	41	14	34	38	93	19	45	57	139	36	87	96	39	41	92	96	75	78	124	129	76	79
	Nov	47	89	189	30	64	52	111	35	74	67	143	110	213	194	63	57	111	101	49	45	183	166
Dec	132	110	83	45	34	24	18	16	12	51	39	249	214	86	111	45	66	27	91	37	72	29	
Year	East											West											
		2,065	2474	119	2435	117	2646	127	2436	117	2540	122	918	900	98	1079	118	740	81	1028	112	1104	120
	Jan	260	464	178	167	64	455	175	449	173	228	88	167	270	162	82	49	223	133	186	111	135	81
	Feb	336	355	106	448	133	482	143	574	171	230	69	219	189	86	207	94	167	76	528	241	108	49
	Mar	243	231	95	657	270	658	271	203	84	657	270	112	118	105	515	459	221	197	84	75	236	210
	Apr	245	364	149	141	58	129	53	149	61	60	25	97	72	74	39	40	5	5	1	1	14	15
	May	180	226	126	144	80	73	41	224	124	255	141	56	30	54	40	72	27	49	4	7	115	207
	Jun	123	147	120	195	158	127	103	193	157	141	114	33	35	106	16	49	6	19	84	255	84	252
	Jul	116	107	92	191	165	242	209	162	140	135	116	25	17	68	24	96	24	96	25	100	42	169
	Aug	114	51	45	95	83	124	108	84	74	85	74	26	8	31	28	108	3	12	17	65	13	51
	Sep	79	152	192	220	278	117	148	95	120	384	487	20	14	70	83	415	9	46	6	30	238	1190
	Oct	74	42	57	58	78	83	111	148	200	62	84	18	7	39	14	77	0	0	40	222	13	70
	Nov	86	154	179	44	51	98	114	69	80	164	191	31	33	106	13	41	41	132	14	45	56	181
Dec	209	181	87	75	36	58	28	86	41	139	67	114	107	94	18	16	14	12	39	34	50	44	

Source: Mauritius Meteorological Services

Table 6.6 - Mean rainfall, 2004 - 2008 (Island of Mauritius) (cont'd)

Period	Long Term Mean (1971-2000)	Millimetres																				
		2004		2005		2006		2007		2008		Long Term Mean (1971-2000)	2004		2005		2006		2007		2008	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
Year	2,790	3,280	118	3,319	119	2,433	87	2,744	98	3,256	117	2,006	2,270	113	2,372	118	1,914	95	1,954	97	2,382	118
Jan	354	617	174	180	51	443	125	503	142	307	87	261	443	170	148	57	372	142	347	133	241	92
Feb	464	438	94	557	120	357	77	844	182	375	81	336	316	94	407	121	331	99	572	170	251	75
Mar	337	402	119	961	285	563	167	228	68	649	192	242	252	104	727	300	459	189	165	68	508	209
Apr	293	386	132	153	52	100	34	181	62	76	26	221	297	131	117	52	83	37	119	53	53	24
May	210	336	160	190	91	66	32	170	81	390	186	159	203	128	126	79	53	33	139	87	299	188
Jun	163	201	123	185	114	124	76	151	93	231	142	115	131	114	139	121	100	87	142	123	165	144
Jul	181	130	72	257	142	279	154	180	99	230	127	120	93	78	174	145	177	147	123	103	135	113
Aug	192	76	40	175	91	113	59	94	49	102	53	122	46	38	106	87	80	66	63	52	72	59
Sep	126	143	113	348	276	109	86	102	81	435	345	81	120	148	233	288	72	89	71	88	348	429
Oct	102	59	58	102	100	99	97	151	148	99	97	70	36	51	64	91	56	80	105	150	61	87
Nov	105	202	192	84	80	117	111	56	53	191	182	80	139	174	48	60	85	106	45	56	152	190
Dec	263	290	110	127	48	63	24	84	32	171	65	199	194	97	83	42	46	23	63	32	97	49

Source: Mauritius Meteorological Services

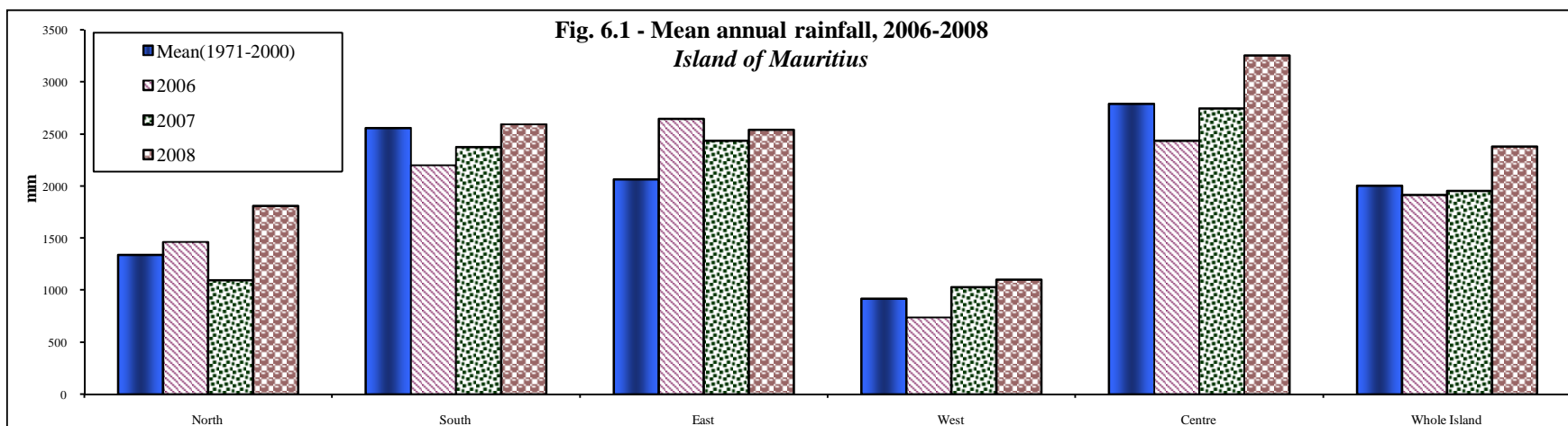


Table 6.7- Mean rainfall 2004 - 2008, *Island of Rodrigues*

		<i>Millimetres</i>																					
Period	Long Term Mean (1971-2000)	2004		2005		2006		2007		2008		Long Term Mean (1971-2000)	2004		2005		2006		2007		2008		
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	
Year	Oyster Bay											Plaine Corail											
		999	1209	92	1230	94	999	76	1027	78	1112	85	946	1088	115	1126	119	1064	113	920	70	1132	120
	Jan	39	167	96	68	39	39	23	111	64	119	69	122	226	187	66	55	48	40	158	131	111	91
	Feb	154	72	32	125	57	154	70	207	94	145	66	168	57	34	172	102	160	95	256	152	148	88
	Mar	201	107	72	142	95	201	134	81	54	60	40	125	116	93	212	170	418	334	78	62	88	70
	Apr	92	288	218	222	168	92	69	60	45	16	12	100	251	251	119	119	44	44	62	62	21	21
	May	63	237	280	115	136	63	74	53	63	243	288	72	191	277	129	187	40	55	39	57	117	161
	Jun	85	72	75	103	107	85	89	38	39	79	82	62	48	77	125	202	61	99	17	27	74	119
	Jul	185	45	46	131	133	185	188	99	100	126	127	53	37	70	94	176	137	256	67	126	119	223
	Aug	73	76	95	76	96	73	92	48	60	104	131	46	33	72	33	72	74	162	24	52	62	136
	Sep	48	52	91	111	195	48	84	61	107	60	105	32	43	134	87	272	20	62	36	112	45	141
	Oct	52	27	52	30	58	52	99	49	93	93	176	32	25	78	13	41	43	135	37	117	51	159
	Nov	5	32	38	65	77	5	6	8	10	0	0	64	23	36	43	67	11	17	9	14	214	334
Dec	2	34	40	42	50	2	2	212	253	67	79	70	38	54	33	47	8	11	137	195	82	117	
Year	Port Sud Est											Pte Canon											
		2,169	1306	118	1620	147	1381	125	1231	120	1460	143	1,105	1134	103	1275	115	1189	108	945	92	1055	95
	Jan	155	176	113	103	66	39	25	147	94	186	120	150	208	139	68	45	43	29	73	49	134	89
	Feb	206	77	37	366	178	221	108	561	273	210	102	185	55	30	179	97	207	112	315	170	147	80
	Mar	128	123	96	340	266	546	427	103	80	101	79	131	110	84	143	109	377	287	54	41	77	59
	Apr	110	458	416	161	146	48	44	62	56	24	21	117	264	225	230	197	91	78	47	40	21	18
	May	59	188	319	124	210	55	94	47	80	256	434	78	164	209	105	134	67	85	35	44	157	201
	Jun	67	27	40	126	189	103	155	19	29	91	136	78	66	86	135	174	78	101	30	39	88	113
	Jul	57	25	44	110	194	202	356	89	158	71	124	81	41	51	130	161	159	196	75	93	41	51
	Aug	56	44	79	34	61	55	97	47	83	115	206	59	83	139	76	128	55	93	43	72	88	148
	Sep	34	68	198	163	476	21	62	37	109	59	175	44	56	127	96	219	29	67	46	104	50	113
	Oct	35	28	80	11	31	73	207	20	56	72	206	41	19	47	23	56	48	118	38	94	65	161
	Nov	50	20	40	21	42	11	22	1	2	179	357	70	31	45	43	61	12	17	7	10	134	192
Dec	65	72	110	61	94	7	11	98	151	96	148	71	37	52	47	66	23	32	182	256	53	74	

Source: Mauritius Meteorological Services

Table 6.7 - Mean rainfall 2004 - 2008, *Island of Rodrigues (cont'd)*

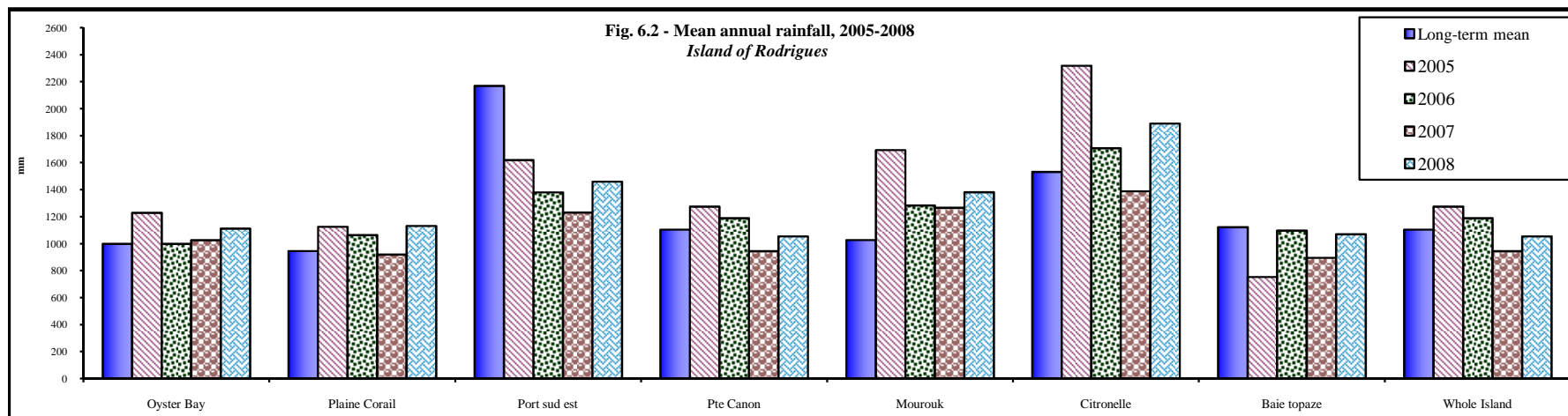
		<i>Millimetres</i>																				
Period	Long Term Mean	2004		2005		2006		2007		2008		Long Term Mean	2004		2005		2006		2007		2008	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
Year	(1981-2000)	Mourouk										(1981-2000)	St Gabrielle									
	<i>1,028</i>	1217	85	1694	118	1283	90	1267	123	1382	134	<i>1,432</i>	1409	98	1792	125	1432	100	Station closed down in 2007			
Jan	<i>160</i>	210	<i>131</i>	128	<i>80</i>	43	<i>27</i>	165	<i>103</i>	187	<i>117</i>	<i>198</i>	182	<i>92</i>	134	68	46	23				
Feb	<i>181</i>	79	<i>43</i>	346	<i>191</i>	239	<i>132</i>	504	<i>278</i>	205	<i>113</i>	<i>234</i>	93	40	184	78	300	128				
Mar	<i>142</i>	123	<i>87</i>	319	<i>224</i>	452	<i>318</i>	104	<i>73</i>	84	<i>59</i>	<i>176</i>	157	90	399	227	403	230				
Apr	<i>137</i>	301	<i>220</i>	212	<i>155</i>	35	<i>25</i>	49	<i>36</i>	29	<i>21</i>	<i>166</i>	400	241	223	134	116	70				
May	<i>61</i>	206	<i>335</i>	135	<i>221</i>	48	<i>78</i>	46	<i>75</i>	229	<i>374</i>	<i>85</i>	237	279	152	178	90	106				
Jun	<i>59</i>	23	<i>39</i>	125	<i>211</i>	104	<i>177</i>	29	<i>50</i>	82	<i>139</i>	<i>101</i>	48	48	235	232	103	102				
Jul	<i>60</i>	24	<i>40</i>	145	<i>241</i>	209	<i>347</i>	73	<i>122</i>	53	<i>88</i>	<i>101</i>	36	36	156	154	158	156				
Aug	<i>50</i>	48	<i>96</i>	40	<i>79</i>	42	<i>83</i>	46	<i>91</i>	97	<i>193</i>	<i>72</i>	64	89	60	83	73	102				
Sep	<i>31</i>	86	<i>283</i>	148	<i>485</i>	25	<i>83</i>	73	<i>240</i>	77	<i>253</i>	<i>67</i>	79	118	110	164	61	91				
Oct	<i>35</i>	30	<i>84</i>	18	<i>51</i>	57	<i>162</i>	18	<i>51</i>	48	<i>136</i>	<i>67</i>	34	51	23	34	58	86				
Nov	<i>59</i>	24	<i>41</i>	30	<i>51</i>	25	<i>41</i>	2	<i>4</i>	180	<i>304</i>	<i>98</i>	38	38	86	87	15	15				
Dec	<i>53</i>	63	<i>119</i>	48	<i>90</i>	4	<i>8</i>	158	<i>298</i>	111	<i>209</i>	<i>67</i>	41	60	30	45	9	14				
	(1982-2000)	Citronelle										(1993-2000)	Baie Topaze									
Year	<i>1,532</i>	2597	231	2319	207	1708	152	1389	91	1891	123	<i>1,123</i>	838	75	754	67	1097	98	896	58	1071	95
Jan	<i>183</i>	325	<i>178</i>	90	<i>49</i>	16	<i>9</i>	113	<i>62</i>	189	<i>103</i>	<i>173</i>	177	<i>102</i>	57	<i>33</i>	44	26	124	72	89	<i>51</i>
Feb	<i>236</i>	86	<i>37</i>	329	<i>139</i>	343	<i>145</i>	399	<i>169</i>	214	<i>91</i>	<i>192</i>	55	<i>28</i>	129	<i>67</i>	112	59	269	<i>140</i>	171	<i>89</i>
Mar	<i>171</i>	292	<i>171</i>	176	<i>103</i>	450	<i>264</i>	110	<i>64</i>	105	<i>61</i>	<i>153</i>	98	<i>64</i>	160	<i>105</i>	463	302	62	<i>40</i>	77	<i>50</i>
Apr	<i>170</i>	577	<i>339</i>	354	<i>208</i>	169	<i>100</i>	82	<i>48</i>	35	<i>20</i>	<i>114</i>	233	205	49	<i>43</i>	46	<i>41</i>	69	<i>60</i>	19	<i>17</i>
May	<i>99</i>	484	<i>489</i>	243	<i>245</i>	29	<i>30</i>	58	<i>59</i>	223	<i>225</i>	<i>61</i>	127	207	68	<i>112</i>	25	<i>41</i>	29	<i>47</i>	111	<i>181</i>
Jun	<i>104</i>	132	<i>126</i>	291	<i>279</i>	144	<i>138</i>	61	<i>58</i>	186	<i>178</i>	<i>79</i>	27	<i>34</i>	51	<i>64</i>	71	89	18	22	63	<i>79</i>
Jul	<i>118</i>	76	<i>64</i>	238	<i>202</i>	214	<i>181</i>	111	<i>94</i>	151	<i>128</i>	<i>61</i>	20	<i>33</i>	41	<i>67</i>	166	272	70	<i>115</i>	90	<i>148</i>
Aug	<i>103</i>	193	<i>188</i>	126	<i>123</i>	98	<i>95</i>	84	<i>82</i>	139	<i>136</i>	<i>66</i>	33	<i>50</i>	61	<i>93</i>	79	<i>121</i>	27	<i>41</i>	73	<i>111</i>
Sep	<i>75</i>	113	<i>150</i>	277	<i>367</i>	91	<i>121</i>	70	<i>94</i>	114	<i>151</i>	<i>39</i>	15	<i>38</i>	25	<i>64</i>	22	56	44	<i>112</i>	68	<i>174</i>
Oct	<i>76</i>	56	<i>74</i>	49	<i>64</i>	127	<i>169</i>	75	<i>99</i>	102	<i>135</i>	<i>49</i>	14	<i>29</i>	25	<i>51</i>	48	98	27	<i>56</i>	53	<i>108</i>
Nov	<i>115</i>	109	<i>95</i>	143	<i>125</i>	9	<i>8</i>	16	<i>14</i>	281	<i>245</i>	<i>81</i>	12	<i>14</i>	88	<i>109</i>	3	<i>4</i>	2	<i>3</i>	193	<i>238</i>
Dec	<i>82</i>	154	<i>187</i>	3	<i>4</i>	18	<i>22</i>	210	<i>255</i>	152	<i>184</i>	<i>55</i>	27	<i>48</i>	0	<i>0</i>	18	32	155	283	64	<i>116</i>

Source: Mauritius Meteorological Services

Table 6.7 - Mean rainfall 2004 - 2008, Island of Rodrigues (cont'd)

Period	Long Term Mean (1981-2000)	2007		2008		Long Term Mean (1961-1990)	2004		2005		2006		2007		2008	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
		Marechal ^{1/}					Whole Island									
Year	1,320	1607	122	1742	132	1,105	1134	103	1275	115	1189	108	945	92	1055	95
Jan	156	215	138	122	78	150	208	139	68	45	43	29	73	49	134	89
Feb	213	442	208	287	135	185	55	30	179	97	207	112	315	170	147	80
Mar	152	77	51	0	0	131	110	84	143	109	377	287	54	41	77	59
Apr	152	197	129	46	31	117	264	225	230	197	91	78	47	40	21	18
May	99	62	63	186	188	78	164	209	105	134	67	85	35	44	157	201
Jun	96	25	26	135	141	78	66	86	135	174	78	101	30	39	88	113
Jul	92	120	130	154	167	81	41	51	130	161	159	196	75	93	41	51
Aug	80	36	44	124	155	59	83	139	76	128	55	93	43	72	88	148
Sep	53	99	185	125	236	44	56	127	96	219	29	67	46	104	50	113
Oct	55	81	148	72	131	41	19	47	23	56	48	118	38	94	65	161
Nov	89	4	4	323	362	70	31	45	43	61	12	17	7	10	134	192
Dec	83	249	299	168	202	71	37	52	47	66	23	32	182	256	53	74

1/ Marechal became operational anew in 2007



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

Table 6.8- Percentage of water level by month and reservoir, 2004 - 2008 (*Island of Mauritius*)

Period	Average for 1990-1999 (%)	2004			2005			2006			2007			2008		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
Mare aux Vacoas (Capacity 25.89 Mm³)																
Jan	60	74	65	79	53	50	56	72	69	77	44	42	54	37	34	40
Feb	65	84	79	90	56	50	61	74	69	79	64	55	98	42	36	50
Mar	80	96	92	98	78	60	100	92	79	96	99	98	100	58	48	78
Apr	83	98	96	99	97	95	98	92	88	96	95	93	98	74	70	78
May	83	98	97	99	93	92	95	82	76	88	92	90	95	74	65	83
Jun	81	96	95	97	93	92	94	71	68	76	91	88	93	86	84	88
Jul	79	96	94	98	96	91	98	71	67	77	87	86	88	86	83	88
Aug	80	90	85	94	95	93	96	76	74	78	82	77	86	86	82	89
Sep	78	80	76	85	95	93	98	71	68	74	72	67	77	85	79	93
Oct	72	70	64	76	96	92	99	65	61	68	64	61	67	90	85	93
Nov	63	62	59	64	86	80	91	59	57	61	55	50	61	78	72	84
Dec	58	58	55	60	75	69	80	52	46	58	45	40	49	69	65	74
La Nicoliere (Capacity 5.26 Mm³)																
Jan	63	82	54	100	82	66	93	64	44	77	63	47	87	55	40	63
Feb	75	100	100	100	88	61	100	92	80	100	99	90	100	75	47	100
Mar	91	100	100	100	100	95	100	100	100	100	100	100	100	99	94	100
Apr	92	100	100	100	92	81	100	99	87	100	84	75	100	81	47	100
May	95	100	100	100	76	68	83	66	55	87	74	57	88	54	36	89
Jun	94	100	98	100	71	58	85	71	57	82	85	62	98	100	92	100
Jul	93	100	99	100	82	75	88	58	40	79	71	61	84	100	99	100
Aug	94	84	62	99	71	65	77	63	45	76	69	59	73	100	96	100
Sep	89	71	56	96	82	66	94	31	23	46	67	63	72	92	81	100
Oct	69	74	63	95	71	65	77	48	27	67	71	63	82	97	82	100
Nov	46	79	65	92	75	52	81	68	63	72	58	46	73	68	64	80
Dec	39	71	61	81	43	37	53	55	47	63	45	42	54	80	70	87
Piton du Milieu (Capacity 2.99 Mm³)																
Jan	64	77	46	100	74	70	75	75	56	99	69	63	97	47	44	49
Feb	72	100	99	100	85	69	100	99	95	100	100	99	100	73	52	100
Mar	88	100	99	100	100	99	100	100	99	100	99	98	100	100	98	100
Apr	89	100	99	100	98	93	100	96	92	99	97	95	99	97	92	100
May	91	99	98	100	89	85	93	81	72	91	98	94	99	93	84	100
Jun	86	94	91	98	85	83	86	64	57	71	98	95	100	99	99	100
Jul	83	97	92	99	95	85	100	61	54	76	91	89	95	97	94	100
Aug	83	83	73	91	94	89	98	83	76	86	87	82	91	96	90	100
Sep	81	67	65	73	96	89	100	88	86	89	75	71	82	92	83	100
Oct	73	63	58	66	96	88	99	83	80	87	69	68	71	96	89	99
Nov	60	57	55	59	79	71	88	79	74	82	66	62	69	80	72	89
Dec	57	63	57	73	64	56	70	74	67	80	54	48	62	81	76	85

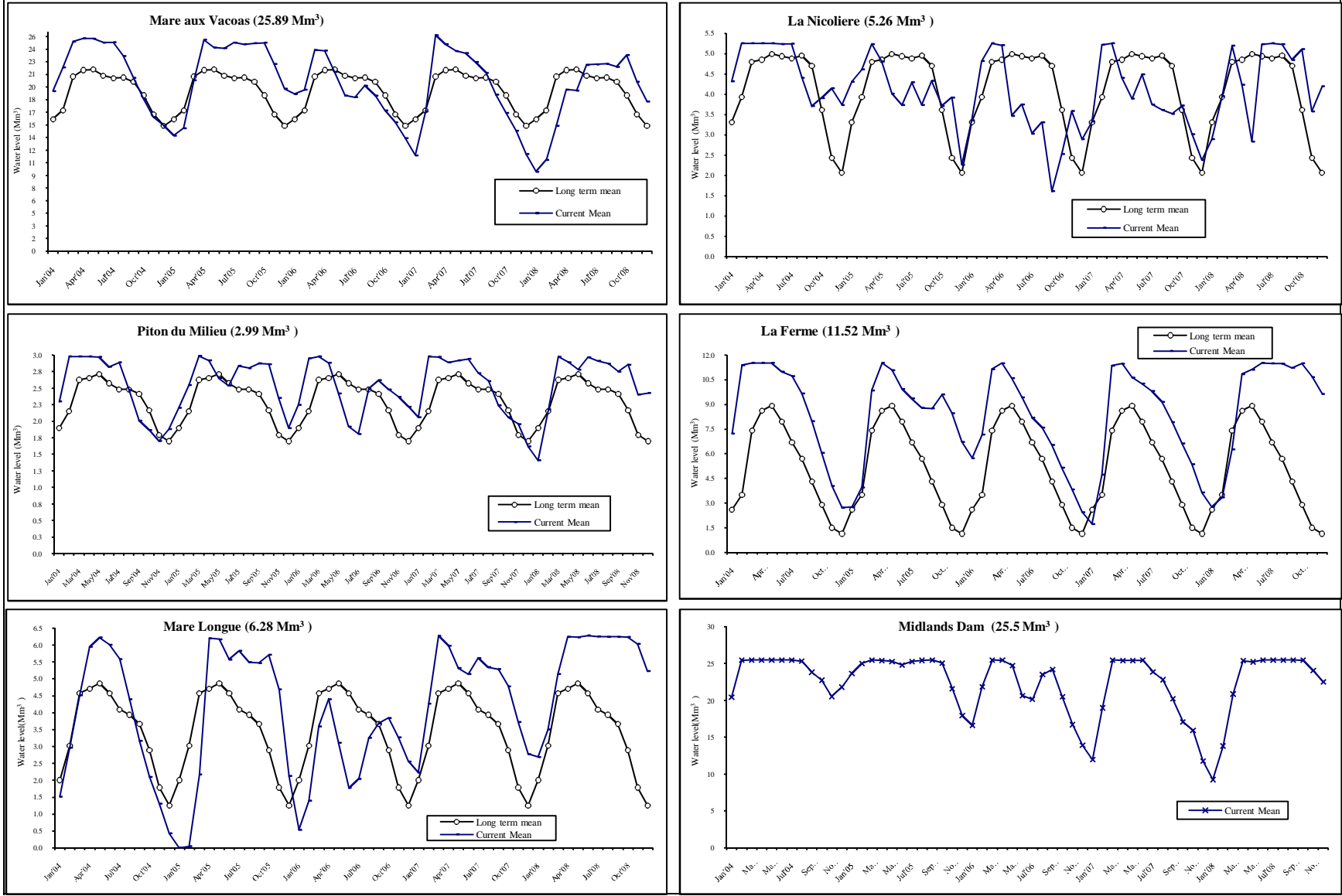
Source : Water Resources Unit, Ministry of Public Utilities

Table 6.8 - Percentage of water level by month and reservoir, 2004 - 2008 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2004			2005			2006			2007			2008		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
La Ferme (Capacity 11.52 Mm³)																
Jan	23	63	45	86	24	22	25	50	43	56	15	13	22	24	21	26
Feb	30	99	88	100	34	21	51	62	55	80	41	24	82	29	22	41
Mar	64	100	100	100	86	52	100	97	80	100	99	85	100	54	42	81
Apr	75	100	100	100	100	100	100	100	99	100	100	98	100	94	83	98
May	77	100	100	100	96	91	100	92	86	98	92	88	97	97	91	100
Jun	69	95	91	100	86	82	90	82	76	86	89	86	92	100	100	100
Jul	58	93	88	96	81	80	82	71	69	76	85	83	88	100	99	100
Aug	49	84	79	88	76	72	80	66	61	71	79	75	83	100	98	100
Sep	37	69	61	79	76	72	82	57	52	61	69	64	75	97	93	100
Oct	25	53	43	61	83	81	85	45	39	52	58	53	63	100	98	100
Nov	13	35	29	42	74	66	81	33	29	39	46	39	53	92	87	98
Dec	10	24	22	28	58	50	66	21	15	29	32	25	39	84	80	88
Mare Longue (Capacity 6.28 Mm³)																
Jan	32	24	4	36	0	0	0	9	0	17	35	32	51	43	41	45
Feb	48	47	37	57	1	0	4	22	14	33	68	52	100	56	46	69
Mar	73	72	58	84	34	4	94	57	32	71	100	99	100	82	69	100
Apr	75	95	84	99	99	94	100	70	62	74	95	91	99	99	99	100
May	77	99	98	100	98	94	100	49	37	62	85	81	91	99	98	100
Jun	73	96	93	98	89	86	94	28	24	37	82	78	85	100	100	100
Jul	65	89	79	95	93	88	95	33	25	45	89	85	93	100	99	100
Aug	63	70	60	79	87	83	92	52	47	56	85	83	90	99	99	100
Sep	58	50	43	60	87	83	93	59	56	60	84	83	85	99	99	100
Oct	46	33	26	42	91	86	93	61	57	64	76	66	83	99	98	100
Nov	28	21	17	25	75	59	86	52	47	56	59	52	66	96	90	98
Dec	20	7	0	17	34	12	57	41	32	50	44	41	51	83	78	91
All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³)																
Jan	49	66	51	78	44	41	47	59	52	65	40	37	52	37	34	39
Feb	56	86	79	90	50	40	58	68	62	77	63	16	95	46	36	58
Mar	77	95	91	97	76	38	98	90	77	95	99	95	100	66	58	85
Apr	82	98	97	99	97	95	99	92	88	94	95	93	99	84	78	86
May	83	99	98	99	93	91	95	79	72	87	90	86	94	81	73	90
Jun	79	96	94	98	88	87	91	68	65	71	89	86	91	93	91	94
Jul	75	95	91	97	91	87	92	64	60	71	85	84	87	93	91	94
Aug	73	85	78	91	87	84	90	70	67	73	81	77	83	93	89	94
Sep	68	72	70	77	89	84	93	63	60	67	72	68	77	90	85	96
Oct	58	62	55	70	90	87	93	59	57	60	65	62	68	94	89	96
Nov	46	52	50	54	80	71	86	55	52	57	55	48	61	82	77	89
Dec	41	46	43	50	62	55	70	45	39	52	42	39	48	76	73	79
Midlands Dam (Capacity 25.5 Mm³)																
Jan	Impounding of reservoir started on 13 September 2002	80	66	96	93	91	94	65	59	76	47	43	63	36	33	39
Feb		100	96	100	98	94	100	86	76	100	75	64	100	54	42	69
Mar		100	99	100	100	100	100	100	100	100	100	99	100	82	70	100
Apr		100	99	100	100	99	100	100	100	100	100	99	100	100	99	100
May		100	100	100	99	96	100	97	91	100	100	99	100	99	96	100
Jun		100	99	100	97	94	99	81	73	90	100	99	100	100	100	100
Jul		100	99	100	99	96	100	79	74	88	94	91	99	100	100	100
Aug		99	99	99	100	99	100	92	89	94	90	85	94	100	100	100
Sep		94	89	99	100	100	100	95	90	97	79	73	85	100	100	100
Oct		89	85	91	98	93	100	80	71	89	67	64	73	100	100	100
Nov		81	79	84	85	80	92	66	63	71	63	56	66	94	87	100
Dec		86	81	90	70	59	80	55	46	63	46	36	56	88	82	96

Source : Water Resources Unit, Ministry of Public Utilities

Fig. 6.3 - Water level in each reservoir for 2004 - 2008 (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, 2004 - 2008 (Island of Mauritius)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production					
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	
	Mm³																							
2004	34.0	6.0	40.0	-	27.8	27.8	18.8	11.3	30.1	18.9	21.2	40.1	8.7	15.1	23.8	8.8	14.7	23.5	89.2	95.9	185.2	48%	52%	
Jan	2.9	0.5	3.4	-	2.3	2.3	1.7	1.2	2.9	1.6	1.8	3.3	0.7	1.3	2.0	0.7	1.2	1.9	7.6	8.2	15.8	48%	52%	
Feb	2.7	0.5	3.2	-	2.4	2.4	1.5	1.1	2.6	1.5	1.7	3.1	0.7	1.2	1.8	0.8	1.2	1.9	7.1	7.9	15.0	47%	53%	
Mar	2.9	0.5	3.4	-	2.5	2.5	1.7	0.9	2.6	1.6	1.8	3.4	0.7	1.2	2.0	0.8	1.3	2.1	7.7	8.2	15.9	48%	52%	
Apr	2.8	0.5	3.3	-	2.4	2.4	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	6.7	8.2	14.9	45%	55%	
May	2.9	0.5	3.4	-	2.5	2.5	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.3	2.1	6.8	8.3	15.1	45%	55%	
Jun	2.8	0.5	3.3	-	2.4	2.4	1.7	1.0	2.7	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.5	8.0	15.5	48%	52%	
Jul	2.9	0.5	3.4	-	2.4	2.4	1.8	0.8	2.7	1.6	1.8	3.4	0.7	1.3	2.0	0.8	1.2	2.0	7.8	8.1	15.8	49%	51%	
Aug	2.9	0.5	3.4	-	2.3	2.3	1.8	0.9	2.7	1.6	1.8	3.4	0.7	1.2	1.9	0.8	1.2	2.0	7.8	8.0	15.7	49%	51%	
Sep	3.0	0.5	3.5	-	2.2	2.2	1.9	0.7	2.6	1.6	1.8	3.4	0.8	1.4	2.1	0.7	1.2	1.9	7.8	7.8	15.6	50%	50%	
Oct	2.9	0.5	3.4	-	2.1	2.1	1.8	0.9	2.7	1.6	1.9	3.4	1.0	1.4	2.3	0.7	1.2	1.9	7.8	8.0	15.8	49%	51%	
Nov	2.7	0.5	3.2	-	2.1	2.1	1.6	0.7	2.4	1.6	1.8	3.4	0.8	1.3	2.1	0.6	1.3	1.9	7.3	7.6	15.0	49%	51%	
Dec	2.8	0.5	3.3	-	2.2	2.2	1.6	0.9	2.4	1.6	1.7	3.3	0.6	1.3	1.9	0.7	1.2	1.9	7.3	7.7	15.0	49%	51%	
2005	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	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	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	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	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	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	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	2.4	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	2.4	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	2.3	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	2.5	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	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	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%	

Source: Central Water Authority

Table 6.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2004 - 2008 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production			Surface	Borehole
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
Mm³																							
2006	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	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	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	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	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	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	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	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	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	8.6	16.4	47%	53%
Sep	2.7	0.5	3.2	-	2.2	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	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	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	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%
2007	38.6	6.1	44.7	-	31.6	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	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	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	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	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	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	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	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	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	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	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	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	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 6.9- Average monthly potable water production from treatment plants and boreholes to distribution systems, 2004 - 2008(Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole
2008	37.9	6.6	44.5	-	28.8	28.8	21.8	12.8	34.6	22.6	25.2	47.6	9.6	16.2	25.8	10.5	17.6	28.1	102.2	107.2	209.4	49%	51%
Jan	2.6	0.4	3.0	-	2.1	2.1	1.7	0.8	2.5	2.0	1.9	3.9	0.8	1.4	2.2	0.6	1.4	2.0	7.7	8.0	15.7	49%	51%
Feb	2.4	0.7	3.1	-	2.1	2.1	1.8	0.9	2.7	1.6	1.9	3.5	0.8	1.3	2.1	0.6	1.3	1.9	7.2	8.2	15.4	47%	53%
Mar	2.6	0.5	3.1	-	2.5	2.5	1.7	1.1	2.8	1.8	2.1	3.9	0.9	1.4	2.3	0.8	1.5	2.3	7.8	9.1	16.9	46%	54%
Apr	2.8	0.6	3.4	-	2.6	2.6	1.9	1.1	3.0	1.6	2.2	3.8	0.7	1.3	2.0	0.8	1.5	2.3	7.8	9.3	17.1	46%	54%
May	2.9	0.5	3.4	-	2.6	2.6	2.0	1.1	3.1	1.7	2.2	3.9	0.8	1.3	2.1	0.8	1.5	2.3	8.2	9.2	17.4	47%	53%
Jun	3.0	0.6	3.6	-	2.5	2.5	1.8	1.0	2.8	1.8	2.1	3.7	0.8	1.3	2.1	0.8	1.4	2.2	8.0	8.9	16.9	47%	53%
Jul	3.4	0.6	4.0	-	2.6	2.6	1.9	0.9	2.8	1.7	2.2	3.9	0.8	1.4	2.2	0.8	1.5	2.3	8.6	9.2	17.8	48%	52%
Aug	3.5	0.6	4.1	-	2.6	2.6	1.8	0.9	2.7	2.1	2.1	4.2	0.8	1.4	2.2	1.5	1.5	3.0	9.7	9.1	18.8	52%	48%
Sep	3.6	0.5	4.1	-	2.5	2.5	1.7	0.9	2.6	2.1	2.2	4.3	0.8	1.3	2.1	1.5	1.5	3.0	9.7	8.9	18.6	52%	48%
Oct	3.8	0.6	4.4	-	2.7	2.7	1.8	1.0	2.8	2.1	2.2	4.3	0.8	1.4	2.2	0.8	1.5	2.3	9.3	9.4	18.7	50%	50%
Nov	3.6	0.5	4.1	-	2.1	2.1	1.8	1.0	2.8	2.0	2.0	4.0	0.8	1.3	2.1	0.7	1.5	2.2	8.9	8.4	17.3	51%	49%
Dec	3.7	0.5	4.2	-	1.9	1.9	1.9	2.1	4.0	2.1	2.1	4.2	0.8	1.4	2.2	0.8	1.5	2.3	9.3	9.5	18.8	49%	51%

Source: Central Water Authority

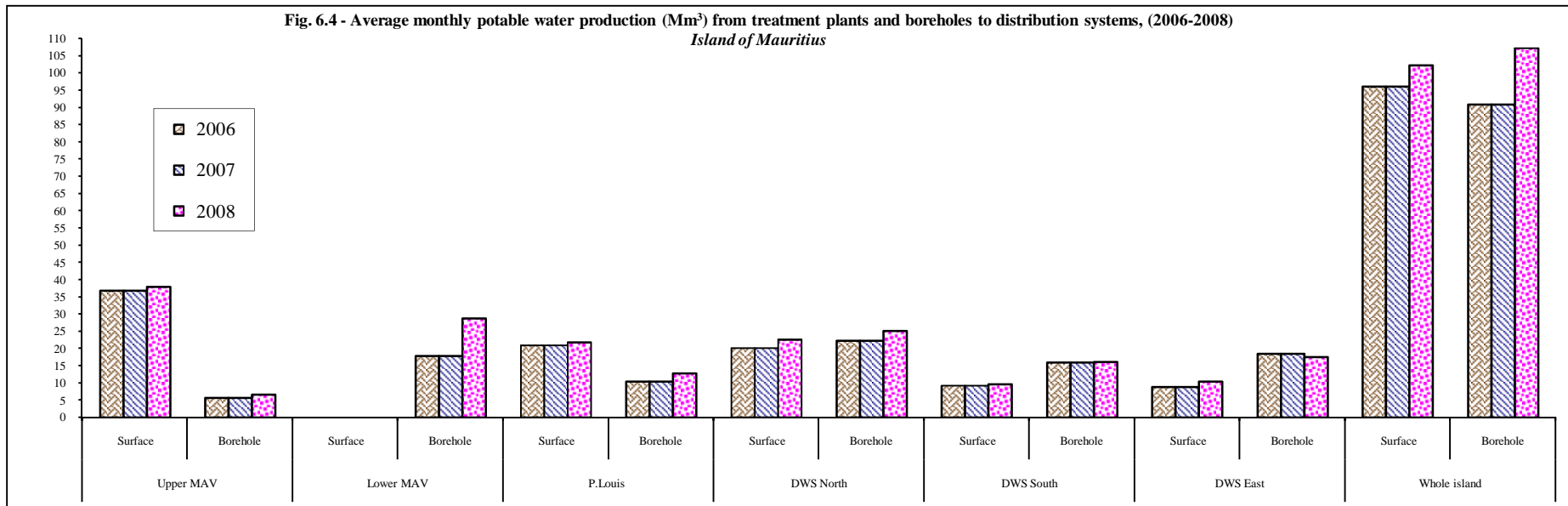


Table 6.10 - Water sales by type of tariff of subscriber, 2004 - 2008 (Island of Mauritius)

Type of tariff	2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
	No. of subscribers					% distribution of subscribers				
Domestic	258,381	265,763	272,269	278,625	284,592	93.9	93.9	93.8	93.4	93.3
Government	3,585	3,708	3,763	3,879	4,053	1.3	1.3	1.3	1.3	1.3
Acquired / concessionary prizes	47	45	45	43	44	0.0	0.0	0.0	0.0	0.0
Commercial	9,638	9,823	10,102	11,260	11,855	3.5	3.5	3.5	3.8	3.9
Hotels, Guest Houses	188	197	206	224	264	0.1	0.1	0.1	0.1	0.1
Industrial	746	741	736	744	716	0.3	0.3	0.3	0.2	0.2
Ship	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0
Sub total	272,586	280,278	287,122	294,776	301,525	99.0	99.0	98.9	98.9	98.8
Vegetable & Livestock producers	2,377	2,632	2,871	3,129	3,281	0.9	0.9	1.0	1.0	1.1
Total potable water	274,963	282,910	289,993	297,905	304,806	99.9	99.9	99.9	99.9	99.9
Total non-treated water (agriculture/Industrial)	254	267	276	278	286	0.1	0.1	0.1	0.1	0.1
Grand Total	275,217	283,177	290,269	298,183	305,092	100.0	100.0	100.0	100.0	100.0
	Volume sold (thousand m ³)					% Consumption				
Domestic	70,562	73,055	73,158	73,007	72,093	68.9	67.8	67.3	66.0	66.2
Government	4,285	4,632	4,631	4,686	4,788	4.2	4.3	4.3	4.2	4.4
Acquired / concessionary prizes	20	19	17	16	15	0.0	0.0	0.0	0.0	0.0
Commercial	5,653	5,790	5,987	6,743	7,086	5.5	5.4	5.5	6.1	6.5
Hotels, Guest Houses	3,694	4,080	4,267	4,429	4,595	3.6	3.8	3.9	4.0	4.2
Industrial	4,775	4,770	4,712	4,827	3,995	4.7	4.4	4.3	4.4	3.7
Ship	34	42	51	38	50	0.0	0.0	0.0	0.0	0.0
Sub total	89,023	92,387	92,823	93,746	92,622	86.9	85.6	85.4	84.7	85.1
Vegetable & Livestock producers	1,131	1,322	1,433	1,421	1,403	1.1	1.2	1.3	1.3	1.3
Total potable water	90,155	93,708	94,256	95,167	94,025	88.0	86.9	86.7	86.0	86.4
Total non-treated water (agriculture/Industrial)	12,265	14,161	14,412	15,490	14,799	12.0	13.1	13.3	14.0	13.6
Grand Total	102,420	107,869	108,668	110,657	108,824	100.0	100.0	100.0	100.0	100.0
	Amount collectible Rs.(000)					Average sales price (Rs/m ³)				
Domestic	502,533	523,112	551,036	549,907	509,134	7.12	7.16	7.53	7.53	7.06
Government	76,023	77,890	82,060	84,235	85,883	17.74	16.82	17.72	17.98	17.94
Acquired / concessionary prizes	138	125	123	117	87	6.93	6.73	7.16	7.31	5.87
Commercial	93,477	95,712	101,014	115,157	120,113	16.54	16.53	16.87	17.08	16.95
Hotels, Guest Houses	108,072	119,215	124,867	129,650	134,117	29.25	29.22	29.26	29.27	29.19
Industrial	72,079	71,797	71,250	72,998	59,782	15.10	15.05	15.12	15.12	14.96
Ship	1,044	1,183	1,359	1,070	1,399	30.69	27.99	26.89	28.00	28.00
Sub total	853,367	889,034	931,709	953,134	910,515	9.59	9.62	10.04	10.17	9.83
Vegetable & Livestock producers	8,833	10,109	11,176	11,282	11,024	7.81	7.65	7.80	7.94	7.86
Total potable water	862,199	899,143	942,885	964,416	921,539	9.56	9.60	10.00	10.13	9.80
Total non-treated water (agriculture/Industrial)	36,295	36,565	38,224	41,120	40,316	2.96	2.58	2.65	2.65	2.72
Grand Total	898,494	935,709	981,109	1,005,536	961,855	8.77	8.67	9.03	9.09	8.84

Source: Central Water Authority

Section VII

Water data from
Housing and Population Census

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

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

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

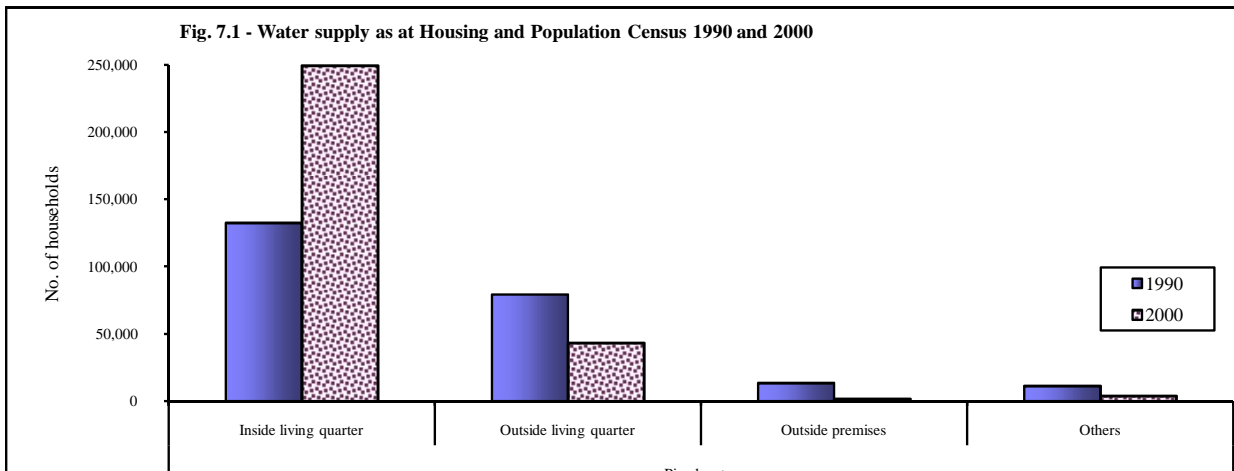


Table 7.2 - Private households by geographical location of residence and availability of water tank and connection to sewerage system
- Housing and Population Census 2000

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