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DIGEST OF ENERGY AND WATER STATISTICS - 2009

FOREWORD

This is the twelfth issue of a regular publication of the Central Statistics Office on energy and water statistics. It presents latest statistics on energy for the years 2000 to 2009, and on water for the period 2005 to 2009. 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
c.i.f	Cost, insurance and freight
CEB	Central Electricity Board
CMPHS	Continuos Multipurpose Household Survey
COICOP	Classification of Individual Consumption according to Purpose
DPK	Dual Purpose Kerosene
GDP	Gross Domestic Product
GWh	Gigawatt hour (million kWh)
HBS	Household Budget Survey
IPP	Independent Power Producers
ktoe	Thousand tonnes of oil equivalent
kWh	Kilowatt hour
LPG	Liquefied Petroleum Gas
m ³	Cubic metres
max	Maximum
min	Minimum
mm	Millimetres
Mm ³	Million cubic metres
mn	Million
MW	Megawatt (1,000 kW)
Rod.	Island of Rodrigues
TJ	Terajoules
toe	Tonne of oil equivalent

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: <i>Agriculture</i> : Energy used for irrigation and by other agricultural equipments; <i>Commercial & distributive trade</i> : 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 3.6 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.
Quintile	A statistical value of a data set that represents 20% of a given population. The first quintile represents the lowest fifth of the data (1-20%); the second quintile represents the second fifth (21% - 40%) etc.
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.
Terajoule	The terajoule (TJ) is equal to one trillion joules(10^{12} J). (A joule is a genetic unit of energy in the International System of units. The work required to continuously produce one watt of power for one second).

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 = 41.868 gigajoule (net calorific value)

* * * * *

ENERGY AND WATER STATISTICS, 2009 – An overview

Introduction

This issue of the 'Digest of Energy and Water Statistics, 2009' covers the period 2000 to 2009 for energy statistics, and the years 2005 to 2009 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 (WRU), 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.

Data pertaining to energy and water from Household Budget Surveys (HBS) and Continuous Multipurpose Household Surveys (CMPHS) have been introduced in this issue, together with the Housing and population Census tables which were already presented.

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 – 1.4) 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, households, agriculture and other.

In order to compare the energy content of the different fuels, a common accounting unit, namely, tonne of oil equivalent (toe) is used. This issue also presents the energy balance in terajoules(TJ) for international comparison. The conversion factors are given on page 12.

2.2 Primary energy requirement

The total primary energy requirement of the country decreased by 4.1%, from 1,404 ktoe in 2008 to 1,347 ktoe in 2009 (Table 2.1). Of this, imported fuels (petroleum products and coal) accounted for 82.5% (1,111 ktoe) while locally available sources supplied the remaining 17.5% (236 ktoe).

In 2009, petroleum products which amounted to 741 ktoe comprised mainly fuel oil (30.7%), diesel (27.9%), aviation fuel (14.9%) and gasolene (16.3%).

In 2009, coal was 369 ktoe, which showed a 8.7% decrease over the 404 ktoe of 2008.

The local production (236 ktoe) comprised renewables including bagasse (92.2%), hydro/wind electricity (4.5%), and fuelwood (3.3%).

The total primary energy requirement index, with 1990 as base year (1990 = 100), decreased from 192.2 in 2008 to 184.3 in 2009 while the per capita primary energy requirement decreased by 4.5%, down from 1.11 toe in 2008 to 1.06 toe in 2009.

'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 1.53 in 2008 dropped to 1.43 in 2009. A lower ratio usually reflects a more efficient use of energy.

2.2.1 Local production

Total energy production from local renewable sources decreased by 10.6% from 264 ktoe in 2008 to 236 ktoe in 2009. This was primarily due to a reduction in the production of bagasse. Thus the contribution of bagasse decreased from 246 ktoe to 218 ktoe. However, production of hydro/wind electricity increased from 9.3 ktoe in 2008 to 10.7 ktoe in 2009. (Table 2.1)

2.2.2 Imports of energy sources

Data on imports of energy sources show that some 1,321 ktoe of petroleum products and coal were imported in 2009 compared to 1,451 ktoe in 2008 representing a decrease of 9.0%. Petroleum products went down from 1,075 ktoe to 973 ktoe (-9.5%) and coal decreased from 376 ktoe to 347 ktoe (-7.7%) (Table 2.3).

The import bill of petroleum products and coal went down to Rs 17,408 million in 2009, showing a 37.0% decrease over Rs 27,635 million of the preceding year. (Table 2.5).

2.2.3 Re-exports and bunkering

Of the 1,321 ktoe of imported energy sources in 2009, about 323 ktoe (24.5%) were supplied to marine vessels and aircraft. Re-exports consisted of 110 ktoe of aviation fuel (34.0%), 109.7 ktoe of diesel oil (33.9%), and 103 ktoe of fuel oil (32.0%). The following changes were noted compared to the previous year: Fuel Oil +12.0%, Aviation fuel -15.7%, Diesel -7.4%, overall -5.3% (Table 2.6).

2.3 Electricity

2.3.1 Electricity Generation

Some 2,577 GWh (222 ktoe) of electricity was generated in 2009 as compared with 2,557 GWh (220 ktoe) in 2008, representing an increase of 0.8%. The Independent Power Producers (IPPs) supplied 58.2 % of the electricity generated and the Central Electricity Board (CEB), only 41.8%. Thermal energy represented 95.2% and hydro/wind the remaining 4.8%. The peak power

demand in 2009 reached 388.6 MW (+2.8%) in the Island of Mauritius as compared with 378.1 MW in 2008. (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. Fuel input decreased by 2.9% from 751 ktoe in 2008 to 729 ktoe in 2009. The major components of the fuel input were coal, the dominant fuel, (48.9%), fuel oil (25.1%) and bagasse (24.9%).

2.3.3 Electricity sales & consumption

Electricity sales increased by 0.7%, from 2,054 GWh in 2008 to 2,069 GWh in 2009. The average sales price of electricity went up by 6.1 % from Rs 4.90 per kWh to Rs 5.20 per kWh during the same period (Table 4.7).

The per capita consumption of electricity sold per annum stood at 1,623 kWh in 2009 compared with 1,619 kWh in 2008 (Table 1.3).

2.4 Final energy consumption

Final energy consumption fell by 3.9% from 842 ktoe in 2008 to 809 ktoe in 2009. “Transport” and “Manufacturing” were the two largest energy-consuming sectors accounting for 48.4% and 27.7% of energy consumed respectively. They were followed by “Household” (14.0%), “Commercial and Distributive Trade” (8.9%) 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 9.7% from 248 ktoe in 2008 to 224 ktoe in 2009. The contribution of electricity was 77 ktoe (9.5%), diesel oil, 46 ktoe (5.7%) fuel oil, 45 ktoe (5.6%), and bagasse, 36 ktoe (4.5%).

2.4.2 Transport

In 2009, some 391 ktoe of energy were used for transportation, representing a decrease of 3.7% over last year’s figure of 406 ktoe. Consumption of gasoline increased from 109 ktoe to 121 ktoe (+11.0%) and that of diesel oil from 154 ktoe to 155 ktoe (+0.6%). Consumption of aviation fuel decreased from 137 ktoe in 2008 compared to 110 ktoe in 2009 (-19.7%) and the use of LPG in the transport sector also decreased from 5.6 ktoe in 2008 to 5.0 ktoe in 2008 (-10.7%).

2.4.3 Commercial and Distributive Trade

Total energy consumption by “Commercial and Distributive Trade” sector rose by 4.3% from 69 ktoe in 2008 to 72 ktoe in 2009. In this sector, electricity consumption increased from 58 ktoe to 61 ktoe (+5.2%). Similarly, LPG increased from 10.9 ktoe to 11.4 ktoe (+4.6%).

2.4.4 Household

Energy consumed by households in 2009 (excluding fuel used for transport) increased from 110 ktoe in 2008 to 113 ktoe in 2009. The two main sources of energy for households were electricity and LPG, representing 51.7% and 41.3% respectively of total energy consumed by households. Consumption of electricity increased by 4.3% and that of LPG by 2.0%.

2.4.5 Agriculture

Energy consumption in Agriculture went down from 4.5 ktoe in 2008 to 4.1 ktoe in 2009 (-8.9%). Electricity and diesel were the only two sources of energy used in this sector. In 2009, about 1.8 ktoe of electricity were used mainly for irrigation while 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 5.1. The water balance indicates how fresh water resources are distributed. In 2009, the Island of Mauritius registered 4,470 million of cubic metres (Mm³) of rainfall. Some 1,341 Mm³ of water was lost through evapotranspiration, while surface run-off and ground water recharge were 2,682 Mm³ and 447 Mm³ respectively.

3.2 Rainfall

Table 5.6 shows the amount of rainfall recorded around the Island of Mauritius. During the year 2009, the mean amount of rainfall recorded around was 2,397 millimetres, a 0.6 % increase compared with 2,382 millimetres registered in 2008. March was the wettest month of 2009, registering a mean rainfall of 352 mm whereas September was the driest month with a mean rainfall of only 73 mm.

For the Island of Rodrigues, the mean rainfall registered in 2009 was 948 millimetres compared with 1,055 in 2008. February recorded the highest amount of rainfall with 130 mm and October and November the least with 32 mm. (Table 5.7)

3.3 Water storage level

In 2009, the minimum and maximum percentage water storage level of the different reservoirs was as follows:

Reservoir	% Minimum (month)	% Maximum (month)
Mare aux Vocoas	64 (Jan)	93 (May)
La Nicoliere	59 (Dec)	100 (Jan-Jun),(Aug-Sep),(Nov)
Piton du Milieu	73 (Oct)	100 (Jan-May)
La Ferme	81 (Jan,Oct)	100 (Jan-Jun),(Nov-Dec)
Mare Longue	69 (Jan,Oct)	100 (April)
Midlands Dam	81 (Jan)	100 (Feb-Oct),(Dec)

Mean water level in 2009 for all reservoirs combined together (excluding Midlands Dam) varied from 77% to 94% (Table 5.8). 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 2009 the total volume of potable water treated by the different treatment plants amounted to 220 million cubic metres (Mm³), up by 5.3% compared with 209 Mm³ in 2008. During the same year, average water production from surface and ground water represented 49.7% and 50.3% respectively (Table 5.9).

3.5 Water sales and revenue collectible

Total volume of water sold increased from 108.8 Mm³ in 2008 to 110.3 Mm³ in 2009 (+1.4%). In 2009, potable water made up 88.7% of the volume sold and the remaining 11.3% consisted of non-treated water. Water for domestic consumption amounted to 75.1 Mm³, accounting for nearly 68.1% of the total volume of water sold (Table 5.10).

The amount of revenue collectible for the year 2009 amounted to Rs 998.8 million, that is an increase of 3.8% over the amount of Rs 961.9 million for 2008 (Table 5.10).

* * * * *

Section I

Energy balance & Main indicators

Table 1.1 - Energy balance, 2009 (tonne of oil equivalent)

		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									
Local production	-	-	-	-	-	-	-	-	7,703	-	10,527	129	217,976	236,334	-	236,334
Imports	347,138	107,311	272,773	205,659	4,310	315,700	67,566	973,318	-	-	-	-	-	-	-	1,320,456
Re-exports and bunkering	-	-	(109,657)	(109,996)	-	(103,412)	-	(323,064)	-	-	-	-	-	-	-	(323,064)
Stock change / Statistical error	22,204	13,289	43,567	14,832	2,346	15,643	1,288	90,966	-	-	-	-	-	-	-	113,171
Total Primary Energy Requirement	369,342	120,600	206,683	110,496	6,656	227,931	68,854	741,220	7,703	-	10,527	129	217,976	236,334	-	1,346,897
Public electricity generation plant	-	-	(2,789)	-	(5,121)	(182,980)	-	(190,890)	-	-	(10,527)	(129)	-	(10,656)	92,635	(108,911)
Autoproducer plants	(355,967)	-	-	-	-	-	-	-	-	-	-	-	(181,694)	(181,694)	129,025	(408,637)
Other transformation	-	-	-	-	-	-	-	-	(845)	412	-	-	-	(434)	-	(434)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,354)	(3,354)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(16,988)	(16,988)
Total Final Consumption	13,375	120,600	203,894	110,496	1,535	44,951	68,854	550,330	6,857	412	-	-	36,281	43,550	201,317	808,572
Manufacturing sector	13,375	-	46,341	-	-	44,951	5,408	96,699	542	-	-	-	36,281	36,823	77,163	224,060
Transport sector	-	120,600	155,244	110,496	-	-	4,954	391,294	-	-	-	-	-	-	-	391,294
Commercial and distributive trade sector	-	-	-	-	-	-	11,421	11,421	-	324	-	-	-	324	60,561	72,306
Household	-	-	-	-	1,535	-	46,696	48,231	6,315	88	-	-	-	6,403	58,491	113,125
Agriculture	-	-	2,309	-	-	-	-	2,309	-	-	-	-	-	-	1,761	4,069
Other	-	-	-	-	-	-	376	376	-	-	-	-	-	-	3,342	3,718

Note: figures in brackets represent negative quantities

Table 1.2 - Energy balance, 2009 (Terajoules)

Source Flow		Fossil fuels								Renewables					Electricity	Total	
		Petroleum products								Fuelwood	Charcoal	Hydro	Wind	Bagasse			Total Renewables
		Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products								
Local production	-	-	-	-	-	-	-	-	322	-	441	5	9,126	9,895	-	9,895	
Imports	14,534	4,493	11,420	8,611	180	13,218	2,829	40,751	-	-	-	-	-	-	-	55,285	
Re-exports and bunkering	-	-	(4,591)	(4,605)	-	(4,330)	-	(13,526)	-	-	-	-	-	-	-	(13,526)	
Stock change / Statistical error	930	556	1,824	621	98	655	54	3,809	-	-	-	-	-	-	-	4,738	
Total Primary Energy Requirement	15,464	5,049	8,653	4,626	279	9,543	2,883	31,033	322	-	441	5	9,126	9,895	-	56,392	
Public electricity generation plant	-	-	(117)	-	(214)	(7,661)	-	(7,992)	-	-	(441)	(5)	-	(446)	3,878	(4,560)	
Autoproducer plants	(14,904)	-	-	-	-	-	-	-	-	-	-	-	(7,607)	(7,607)	5,402	(17,109)	
Other transformation	-	-	-	-	-	-	-	-	(35)	17	-	-	-	(18)	-	(18)	
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(140)	(140)	
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(711)	(711)	
Total Final Consumption	560	5,049	8,537	4,626	64	1,882	2,883	23,041	287	17	-	-	1,519	1,823	8,429	33,853	
Manufacturing sector	560	-	1,940	-	-	1,882	226	4,049	23	-	-	-	1,519	1,542	3,231	9,381	
Transport sector	-	5,049	6,500	4,626	-	-	207	16,383	-	-	-	-	-	-	-	16,383	
Commercial and distributive trade sector	-	-	-	-	-	-	478	478	-	14	-	-	-	14	2,536	3,027	
Household	-	-	-	-	64	-	1,955	2,019	264	4	-	-	-	268	2,449	4,736	
Agriculture	-	-	97	-	-	-	-	97	-	-	-	-	-	-	74	170	
Other	-	-	-	-	-	-	16	16	-	-	-	-	-	-	140	156	

Note: figures in brackets represent negative quantities

Table 1.3 - Energy balance, 2008¹ (tonne of oil equivalent)

Source Flow		Tonne of oil equivalent (toe)															
		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)	(7,898)	(5,255)	(2,124)	26,241	(240)	3,053	-	-	-	-	-	-	-	30,881	
Total Primary Energy Requirement	403,879	109,518	205,386	136,896	4,022	213,298	67,919	737,040	7,720	-	9,291	32	246,434	263,477	-	1,404,395	
Public electricity generation plant	-	-	(1,920)	-	(2,179)	(160,845)	-	(164,943)	-	-	(9,291)	(32)	-	(9,323)	81,021	(93,245)	
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	
Household	-	-	-	-	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	

¹ Revised

Note: figures in brackets represent negative quantities

Table 1.4 - Energy balance, 2008 (Terajoules)

		Terajoules(TJ)														
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	-	-	-	-	-	-	-	-	323	-	389	1	10,318	11,031	-	11,031
Imports	15,744	4,906	13,889	11,417	257	11,698	2,854	45,022	-	-	-	-	-	-	-	60,766
Re-exports and bunkering	-	-	(4,959)	(5,466)	-	(3,866)	-	(14,291)	-	-	-	-	-	-	-	(14,291)
Stock change / Statistical error	1,165	(321)	(331)	(220)	(89)	1,099	(10)	128	-	-	-	-	-	-	-	1,293
Total Primary Energy Requirement	16,910	4,585	8,599	5,732	168	8,930	2,844	30,858	323	-	389	1	10,318	11,031	-	58,799
Public electricity generation plant	-	-	(80)	-	(91)	(6,734)	-	(6,906)	-	-	(389)	(1)	-	(390)	3,392	(3,904)
Autoproducer plants	(15,828)	-	-	-	-	-	-	-	-	-	-	-	(8,715)	(8,715)	5,816	(18,727)
Other transformation	-	-	-	-	-	-	-	-	(34)	17	-	-	-	(18)	-	(18)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(137)	(137)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(776)	(776)
Total Final Consumption	1,082	4,585	8,519	5,732	77	2,196	2,844	23,953	289	17	-	-	1,603	1,908	8,295	35,237
Manufacturing sector	1,082	-	1,958	-	-	2,196	222	4,377	23	-	-	-	1,603	1,626	3,287	10,371
Transport sector	-	4,585	6,466	5,732	-	-	234	17,017	-	-	-	-	-	-	-	17,017
Commercial and distributive trade sector	-	-	-	-	-	-	456	456	-	13	-	-	-	13	2,422	2,892
Household	-	-	-	-	77	-	1,917	1,994	266	4	-	-	-	270	2,348	4,612
Agriculture	-	-	95	-	-	-	-	95	-	-	-	-	-	-	93	188
Other	-	-	-	-	-	-	13	13	-	-	-	-	-	-	144	158

Note: figures in brackets represent negative quantities

Table 1.5 - Main energy indicators, 2000 - 2009

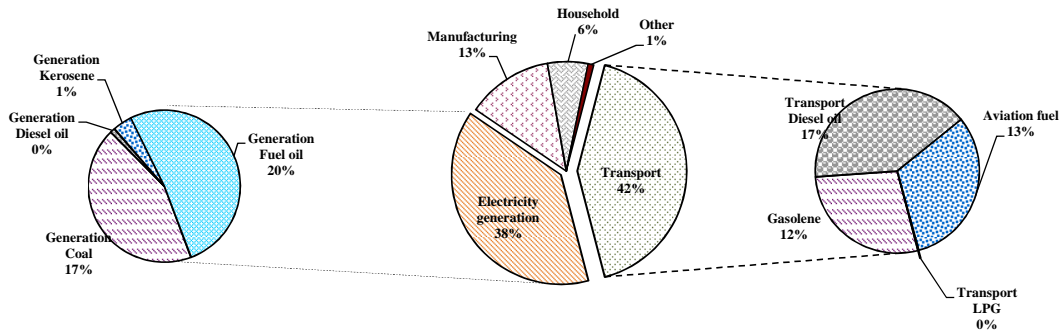
Details	Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹	2009 ²
Total primary energy requirement	ktoe	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,376.8	1,381.8	1,404.4	1,346.9
<i>Imported</i>	ktoe	849.0	901.2	898.8	956.3	980.1	1,030.5	1,122.1	1,136.0	1,140.9	1,110.6
<i>Local</i>	ktoe	264.1	280.9	258.6	266.5	275.7	262.6	254.6	245.8	263.5	236.3
Total primary energy requirement index (1990 = 100)		152.3	161.8	158.4	167.3	171.8	177.0	188.4	189.1	192.2	184.3
Annual increase	%	+11.4	+6.2	-2.1	+5.7	+2.7	+3.0	+6.5	+0.4	+1.6	-4.1
Import dependency	%	76.3	76.2	77.7	78.2	78.0	79.7	81.5	82.2	81.2	82.5
GDP in 1990 rupees	Rs. Million	66,607	70,071	71,542	74,618	78,872	79,818	82,931	87,492	91,954	93,977
GDP index (1990 = 100)		168.1	176.8	180.5	188.3	199.0	201.4	209.3	220.8	232.0	237.1
Energy intensity	toe per Rs.100,000 GDP	1.67	1.69	1.62	1.64	1.59	1.62	1.66	1.58	1.53	1.43
Mid-year population	thousand	1,187	1,200	1,210	1,223	1,233	1,243	1,253	1,260	1,269	1,275
Per capita primary energy requirement	toe	0.94	0.99	0.96	1.00	1.02	1.04	1.10	1.10	1.11	1.06
Per capita final energy consumption	toe	0.63	0.65	0.63	0.67	0.68	0.68	0.70	0.68	0.66	0.63
Per capita consumption of electricity sold	kWh	1,158	1,222	1,248	1,330	1,382	1,430	1,501	1,567	1,619	1,623

¹ Revised

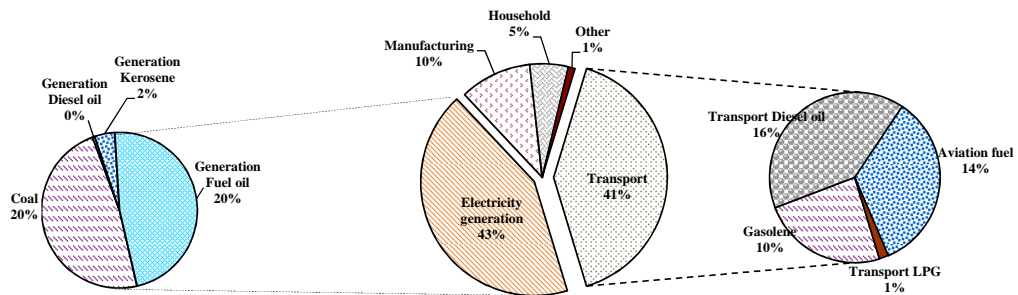
² Provisional

Fig 1.1 - Percentage share of consumption ('Transformation' + 'Final energy consumption') of petroleum products and coal by sector - 2000, 2005 and 2009

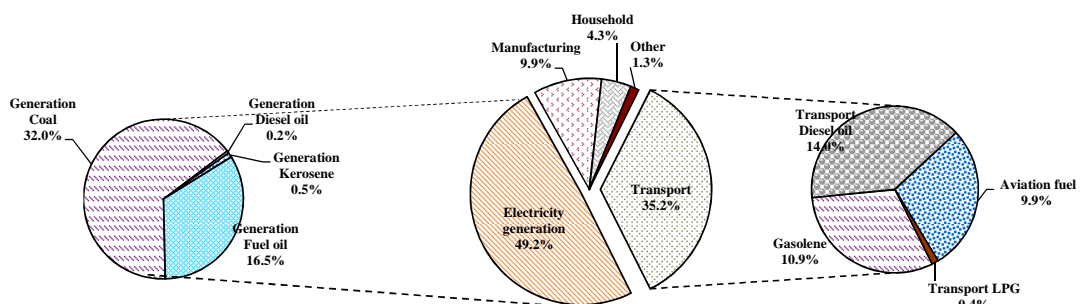
2000



2005



2009



Section II

Primary energy requirement

Table 2.1 - Primary energy requirement , 2000 - 2009

Energy source	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	Physical unit (Thousand tonne or GWh)										
Imported (Fossil fuels)											
Coal	253.0	299.2	312.8	316.2	289.3	363.8	484.5	572.6	651.4	595.7	
Petroleum products											
Gasolene	92.0	87.7	87.5	89.2	90.4	92.7	89.1	98.9	101.4	111.7	
Diesel Oil	189.4	188.7	196.8	208.8	213.8	212.1	228.3	205.3	203.4	204.6	
Dual Purpose Kerosene	130.8	137.9	122.8	141.8	162.3	165.1	146.8	140.4	135.5	112.6	
<i>Aviation Fuel</i>	<i>108.1</i>	<i>124.7</i>	<i>109.0</i>	<i>123.6</i>	<i>137.0</i>	<i>137.6</i>	<i>141.1</i>	<i>138.1</i>	<i>131.6</i>	<i>106.2</i>	
<i>Kerosene</i>	<i>22.7</i>	<i>13.2</i>	<i>13.9</i>	<i>18.1</i>	<i>25.3</i>	<i>27.5</i>	<i>5.8</i>	<i>2.3</i>	<i>3.9</i>	<i>6.4</i>	
Fuel Oil	224.5	246.0	241.1	260.1	269.9	263.8	284.6	262.4	222.2	237.4	
LPG	46.3	47.1	48.6	51.7	54.9	60.9	63.9	63.8	62.9	63.8	
Local (Renewables)											
Hydro/Wind	GWh	96	71	86	118	123	115	77	84.3	108.4	123.9
Bagasse ¹		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	1,362.3
Fuelwood ¹		19.3	19.3	19.2	19.1	19.3	20.0	21.0	21.1	20.3	20.3
	Energy unit (ktoe)										
Imported (Fossil fuels)	849.0	901.2	898.8	956.3	980.1	1,030.5	1,122.1	1,136.0	1,140.9	1,110.6	
Coal	156.9	185.5	193.9	196.0	179.4	225.6	300.4	355.0	403.9	369.3	
Petroleum products	692.2	715.7	704.8	760.2	800.7	805.0	821.8	781.0	737.0	741.2	
Gasolene	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	109.5	120.6	
Diesel Oil	191.3	190.6	198.7	210.9	216.0	214.2	230.6	207.4	205.4	206.7	
Dual Purpose Kerosene	136.0	143.4	127.7	147.4	168.8	171.7	152.7	146.0	140.9	117.2	
<i>Aviation Fuel</i>	<i>112.4</i>	<i>129.6</i>	<i>113.3</i>	<i>128.6</i>	<i>142.5</i>	<i>143.1</i>	<i>146.7</i>	<i>143.6</i>	<i>136.9</i>	<i>110.5</i>	
<i>Kerosene</i>	<i>23.6</i>	<i>13.8</i>	<i>14.4</i>	<i>18.9</i>	<i>26.3</i>	<i>28.6</i>	<i>6.0</i>	<i>2.4</i>	<i>4.0</i>	<i>6.7</i>	
Fuel Oil	215.5	236.1	231.4	249.7	259.1	253.3	273.3	251.9	213.3	227.9	
LPG	50.0	50.8	52.5	55.8	59.2	65.7	69.0	68.9	67.9	68.9	
Local (Renewables)	264.1	280.9	258.6	266.5	275.7	262.6	254.6	245.8	263.5	236.3	
Hydro/Wind	8.2	6.1	7.4	10.1	10.6	9.9	6.6	7.2	9.3	10.7	
Bagasse ¹	248.5	267.4	243.9	249.1	257.8	245.1	240.0	230.5	246.4	218.0	
Fuelwood ¹	7.3	7.3	7.3	7.3	7.3	7.6	8.0	8.0	7.7	7.7	
Total	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,376.8	1,381.8	1,404.4	1,346.9	
	Percentage (%)										
Imported (Fossil fuels)	76.3	76.2	77.7	78.2	78.0	79.7	81.5	82.2	81.2	82.5	
Coal	14.1	15.7	16.8	16.0	14.3	17.4	21.8	25.7	28.8	27.4	
Petroleum products	62.2	60.5	60.9	62.2	63.8	62.2	59.7	56.5	52.5	55.0	
Gasolene	8.9	8.0	8.2	7.9	7.8	7.7	7.0	7.7	7.8	9.0	
Diesel Oil	17.2	16.1	17.2	17.3	17.2	16.6	16.7	15.0	14.6	15.3	
Dual Purpose Kerosene	12.2	12.1	11.0	12.1	13.4	13.3	11.1	10.6	10.0	8.7	
<i>Aviation Fuel</i>	<i>10.1</i>	<i>11.0</i>	<i>9.8</i>	<i>10.5</i>	<i>11.3</i>	<i>11.1</i>	<i>10.7</i>	<i>10.4</i>	<i>9.7</i>	<i>8.2</i>	
<i>Kerosene</i>	<i>2.1</i>	<i>1.2</i>	<i>1.2</i>	<i>1.5</i>	<i>2.1</i>	<i>2.2</i>	<i>0.4</i>	<i>0.2</i>	<i>0.3</i>	<i>0.5</i>	
Fuel Oil	19.4	20.0	20.0	20.4	20.6	19.6	19.8	18.2	15.2	16.9	
LPG	4.5	4.3	4.5	4.6	4.7	5.1	5.0	5.0	4.8	5.1	
Local (Renewables)	23.7	23.8	22.3	21.8	22.0	20.3	18.5	17.8	18.8	17.5	
Hydro/Wind	0.7	0.5	0.6	0.8	0.8	0.8	0.5	0.5	0.7	0.8	
Bagasse ¹	22.3	22.6	21.1	20.4	20.5	19.0	17.4	16.7	17.5	16.2	
Fuelwood ¹	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	
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, 2000 - 2009

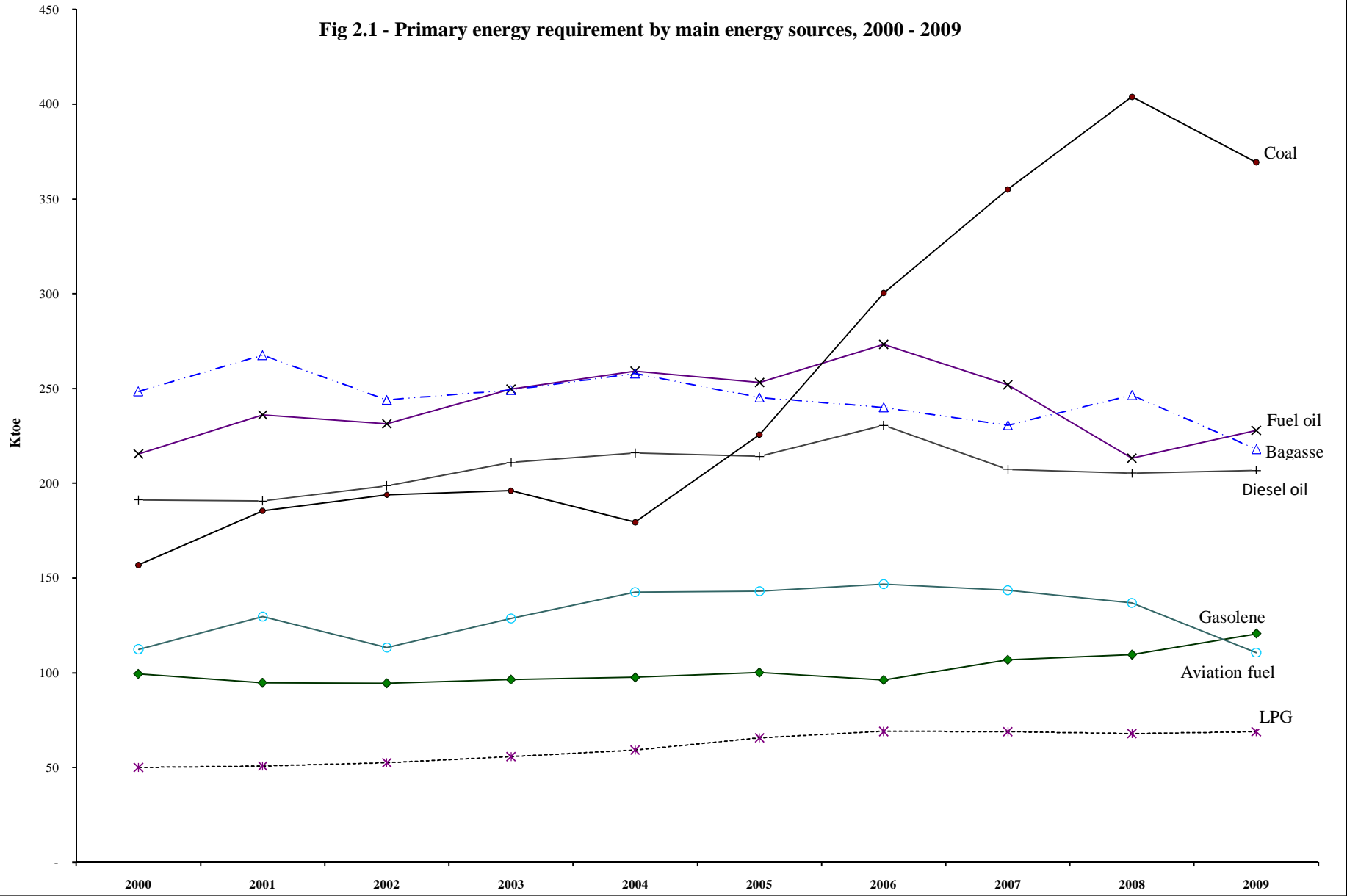


Table 2.2 - Imports of energy sources (Physical unit), 2000 - 2009

Energy source	Thousand tonne									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Fossil fuels										
Coal	222.4	347.5	312.0	289.4	331.8	379.3	490.3	647.8	606.5	559.9
Gasolene	89.8	86.8	80.3	86.8	87.7	86.8	88.9	96.4	108.5	99.4
Diesel oil	339.7	338.0	346.4	309.2	319.7	329.9	327.5	307.5	328.5	270.1
Dual Purpose Kerosene	217.4	214.2	225.5	227.7	256.8	248.0	242.0	266.4	268.1	201.9
<i>Aviation Fuel</i>	190.0	202.2	211.1	207.5	227.0	220.1	236.0	262.6	262.2	197.7
<i>Kerosene</i>	27.4	12.0	14.3	20.2	29.8	27.9	6.0	3.7	5.9	4.1
Fuel oil	218.8	275.1	208.6	288.0	288.8	337.5	304.4	333.9	291.0	328.9
LPG	47.3	43.9	54.1	48.8	53.8	62.7	58.8	62.8	63.1	62.6

Table 2.3 - Imports of energy sources (Energy unit), 2000 - 2009

Energy source	ktoe									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Fossil fuels										
Coal	137.9	215.4	193.5	179.4	205.7	235.1	304.0	401.6	376.0	347.1
Petroleum products	927.3	969.4	929.7	972.1	1,020.1	1,076.5	1,034.1	1,080.0	1,075.3	973.3
Gasolene	97.0	93.7	86.7	93.7	94.7	93.7	96.0	104.1	117.2	107.3
Diesel oil	343.1	341.4	349.9	312.3	322.9	333.2	330.8	310.6	331.7	272.8
Dual Purpose Kerosene	226.1	222.7	234.5	236.8	267.1	257.9	251.7	277.0	278.8	210.0
<i>Aviation Fuel</i>	197.6	210.3	219.6	215.8	236.1	228.9	245.4	273.1	272.7	205.7
<i>Kerosene</i>	28.4	12.5	14.9	21.0	31.0	29.0	6.3	3.9	6.1	4.3
Fuel oil	210.0	264.1	200.2	276.5	277.3	324.0	292.2	320.6	279.4	315.7
LPG	51.1	47.4	58.4	52.7	58.1	67.7	63.5	67.8	68.2	67.6
Total imports	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	1,320.5

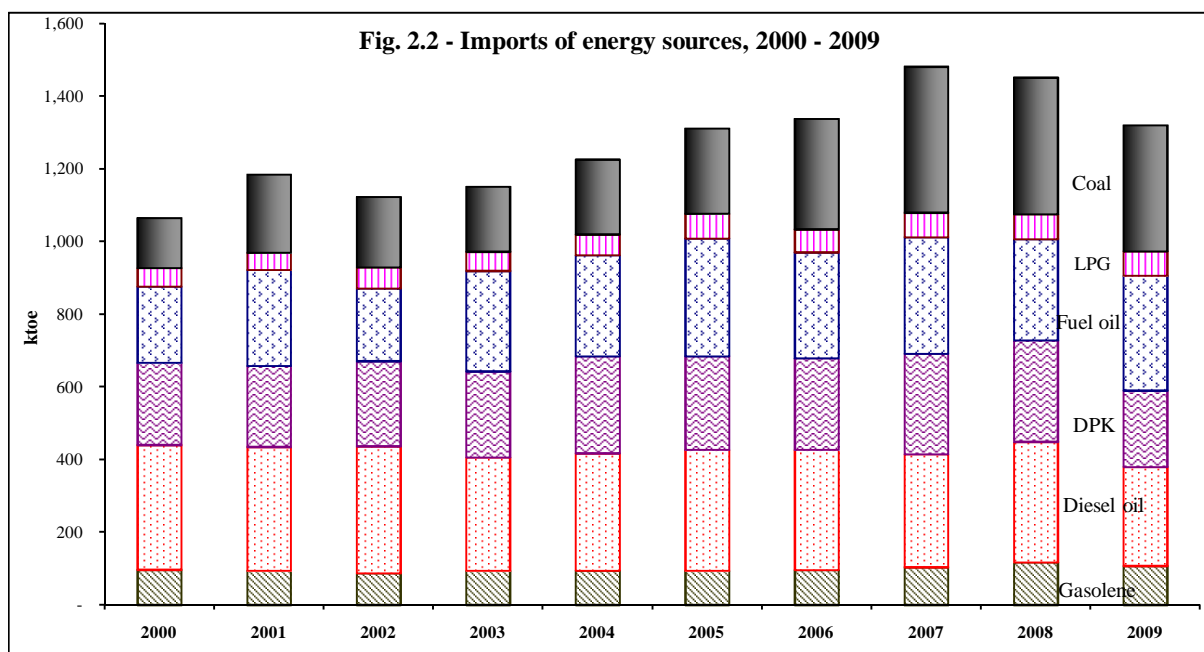


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 2000 - 2009

	Tonne									
Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coal	222,423	347,462	312,031	289,373	331,826	379,263	490,324	647,782	606,532	559,900
Mozambique	36,943	-	157,645	113,669	164,909	168,282	80,723	-	-	-
South Africa	185,480	347,462	154,386	175,704	166,917	210,981	409,601	647,782	606,532	559,900
Gasolene	89,824	86,773	80,297	86,802	87,706	86,759	88,880	96,387	108,509	99,362
Bahrain	25,300	26,148	19,837	52,434	58,958	35,197	12,985	-	-	-
India	-	-	-	-	-	5,469.00	48,497	96,387	108,509	99,362
Reunion Island	-	-	-	-	-	2,013.00	-	-	-	-
Saudi Arabia	19,497	15,065	26,907	28,205	7,461	4,712	4,793	-	-	-
Singapore	-	3,074	-	-	-	4,413	-	-	-	-
South Africa	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	-	-	-	-	-	-	-	-	-	-
Diesel	339,671	338,044	346,401	309,215	319,732	329,922	327,492	307,485	328,453	270,072
Bahrain	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	270,072
Kuwait	-	-	-	-	21,898	-	-	-	-	-
Saudi Arabia	51,087	90,262	99,745	96,136	95,042	130,732	108,131	-	-	-
Singapore	-	20,777	-	-	-	15,378	-	-	-	-
South Africa	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	-	-	-	9,080	-	-	-	-	-	-
Kerosene (excl. jet fuel)	27,351	11,986	14,338	20,185	29,847	27,899	6,026	3,723	5,910	4,144
Bahrain	922	4,789	3,960	7,725	9,296	20,992	3,106	-	-	-
India	-	-	-	-	6,199	989	1,622	2,987	5,910	4,144
Qatar	-	-	-	-	-	-	156	-	-	-
Saudi Arabia	1,154	3,290	3,721	7,980	12,576	4,129	1,142	-	-	-
Seychelles	-	-	-	-	-	-	-	736	-	-
Singapore	-	26	-	-	-	191	-	-	-	-
South Africa	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	190,018	202,187	211,127	207,511	226,995	220,075	235,965	262,627	262,206	197,749
Bahrain	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	197,749
Qatar	-	-	-	-	-	-	12,734	-	-	-
Saudi Arabia	38,698	44,896	66,857	65,849	19,190	61,817	76,408	-	-	-
Seychelles	-	-	-	-	-	-	-	4,940	-	-
Singapore	-	5,158	-	-	-	11,807	-	-	-	-
South Africa	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	-	-	-	6,176	-	-	-	-	-	-
Fuel Oil	218,763	275,138	208,581	287,985	288,818	337,484	304,391	333,939	291,046	328,854
Bahrain	-	5,867	-	-	-	-	-	-	-	-
India	-	18,055	-	-	-	-	98,970	333,939	291,046	328,854
Iran	-	42,976	31,000	-	27,061	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-	-
Madagascar	117,116	98,076	40,587	199,830	103,974	-	-	-	-	-
Saudi Arabia	-	6,956	-	-	-	-	-	-	-	-
Singapore	-	-	23,827	-	-	-	-	-	-	-
South Africa	13,825	28,847	17,261	30,045	60,549	45,265	31,471	-	-	-
Ukraine	-	-	18,177	24,200	-	-	-	-	-	-
United Arab Emirates	87,822	74,361	77,729	33,910	97,234	292,219	173,950	-	-	-
LPG	47,314	43,888	54,060	48,822	53,780	62,713	58,762	62,763	63,110	62,561
Australia	-	-	-	-	-	-	6,191	-	2,969	4,949
Bahrain	-	-	-	-	9,528	8,936	-	-	-	-
France	-	-	4,842	2,724	-	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	19,663	-
India	-	-	-	-	-	-	-	-	5,970	2,384
Indonesia	197	-	-	-	1,943	3,654	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	30,818
Madagascar	-	-	-	-	-	-	-	-	5,544	5,837
Malaysia	1,821	7,126	9,281	10,550	17,259	42,115	29,660	-	-	-
Oman	-	-	-	-	-	-	12,915	-	-	-
Philippines	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	2,029	-	-	-	-	50,841	19,842	-
Singapore	4,944	2,091	15,793	22,217	3,322	-	-	-	-	-
South Africa	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	-	14,994
Vietnam	-	-	-	-	-	-	-	-	-	3,579
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, 2000 - 2009

Country	Value (c.i.f.): Rs(000)									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coal	195,037	390,951	342,748	307,849	519,674	766,654	954,265	1,597,689	2,174,661	1,791,728
Mozambique	29,877	-	171,803	115,227	289,483	346,844	141,251	-	-	-
South Africa	165,159	390,951	170,945	192,623	230,191	419,810	813,014	1,597,689	2,174,661	1,791,728
Gasolene	744,311	646,125	605,654	748,509	1,030,619	1,452,772	1,877,318	2,180,054	2,690,298	1,914,133
Bahrain	215,549	203,232	164,003	439,731	686,478	526,795	301,504	-	-	-
India	-	-	-	-	-	82,960.30	1,023,652	2,180,054	2,690,298	1,914,133
Reunion Island	-	-	-	-	-	25,039.85	-	-	-	-
Saudi Arabia	177,034	110,845	222,842	258,132	89,363	104,960	82,715	-	-	-
Singapore	-	26,345	-	-	-	94,674	-	-	-	-
South Africa	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	-	-	-	-	-	-	-	-	-	-
Diesel	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	4,512,989
Bahrain	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	4,512,989
Kuwait	-	-	-	-	188,187	-	-	-	-	-
Saudi Arabia	352,594	580,062	667,094	662,637	798,739	1,928,116	2,103,149	-	-	-
Singapore	-	131,704	-	-	-	265,007	-	-	-	-
South Africa	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	-	-	-	56,027	-	-	-	-	-	-
Kerosene (excl. jet fuel)	205,854	84,912	102,760	168,548	321,443	456,826	123,881	82,769	174,630	77,095
Bahrain	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	77,095
Qatar	-	-	-	-	-	-	3,026	-	-	-
Saudi Arabia	10,320	25,560	27,076	69,549	118,225	78,877	23,591	-	-	-
Seychelles	-	-	-	-	-	-	-	17,263	-	-
Singapore	-	185	-	-	-	3,695	-	-	-	-
South Africa	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	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	3,436,712
Bahrain	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	3,436,712
Qatar	-	-	-	-	-	-	246,974	-	-	-
Saudi Arabia	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	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	-	-	-	38,920	-	-	-	-	-	-
Fuel Oil	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	4,353,206
Bahrain	-	25,204	-	-	-	-	-	-	-	-
India	-	70,227	-	-	-	-	1,007,673	4,028,957	4,580,564	4,353,206
Iran	-	183,394	147,318	-	169,758	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-	-
Madagascar	499,540	430,723	196,684	995,205	533,680	-	-	-	-	-
Saudi Arabia	-	37,743	-	-	-	-	-	-	-	-
Singapore	-	-	115,267	-	-	-	-	-	-	-
South Africa	58,133	126,509	85,306	155,703	319,129	422,635	327,479	-	-	-
Ukraine	-	-	99,460	123,874	-	-	-	-	-	-
United Arab Emirates	406,615	340,134	423,173	178,095	599,045	2,387,883	1,996,272	-	-	-
LPG	510,470	517,009	514,691	492,218	639,389	1,047,388	1,246,411	1,481,585	1,818,791	1,322,175
Australia	-	-	-	-	-	-	132,400	-	94,103	90,435
Bahrain	-	-	-	-	116,753	138,513	-	-	-	-
France	-	-	43,961	24,209	-	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	605,544	-
India	-	-	-	-	-	-	-	-	165,363	63,092
Indonesia	2,675	-	-	-	20,416	55,155	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	710,991
Madagascar	-	-	-	-	-	-	-	-	172,432	103,463
Malaysia	20,428	83,650	89,409	106,065	202,200	728,873	625,405	-	-	-
Oman	-	-	-	-	-	-	274,834	-	-	-
Philippines	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	17,677	-	-	-	-	1,214,822	523,424	-
Singapore	56,369	25,037	157,050	217,298	42,408	-	-	-	-	-
South Africa	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	-	278,968
Vietnam	-	-	-	-	-	-	-	-	-	75,226
Yemen	-	-	35,683	3,756	26,825	29,213	-	-	-	-
Other countries	471	-	19,761	25,980	-	-	-	-	-	-
All energy sources	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	17,408,037
Percentage of total imports value	11.2%	10.8%	9.8%	10.6%	12.7%	16.1%	16.3%	17.9%	20.9%	14.7%

Table 2.6 - Re-exports of energy sources to foreign aircraft and bunkers, 2000 - 2009

Energy re-exported	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	87.5	76.0	92.8	88.7	88.4	96.9	100.0	116.8	125.5	105.8
Diesel oil	160.0	156.7	138.5	97.7	105.2	135.4	122.3	118.4	117.3	108.6
Fuel oil	57.6	44.0	26.7	34.8	40.1	54.7	49.1	75.7	96.2	107.7
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	91.0	79.0	96.5	92.3	91.9	100.7	104.0	121.4	130.5	110.0
Diesel oil	161.6	158.3	139.9	98.6	106.2	136.8	123.5	119.5	118.5	109.7
Fuel oil	55.3	42.2	25.6	33.4	38.5	52.6	47.1	72.6	92.3	103.4
Total	307.9	279.5	262.1	224.3	236.7	290.1	274.7	313.6	341.3	323.1
	<i>%</i>									
Aviation fuel for foreign aircraft	29.6	28.3	36.8	41.1	38.8	34.7	37.9	38.7	38.2	34.0
Diesel oil	52.5	56.6	53.4	44.0	44.9	47.2	45.0	38.1	34.7	33.9
Fuel oil	18.0	15.1	9.8	14.9	16.3	18.1	17.2	23.2	27.1	32.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

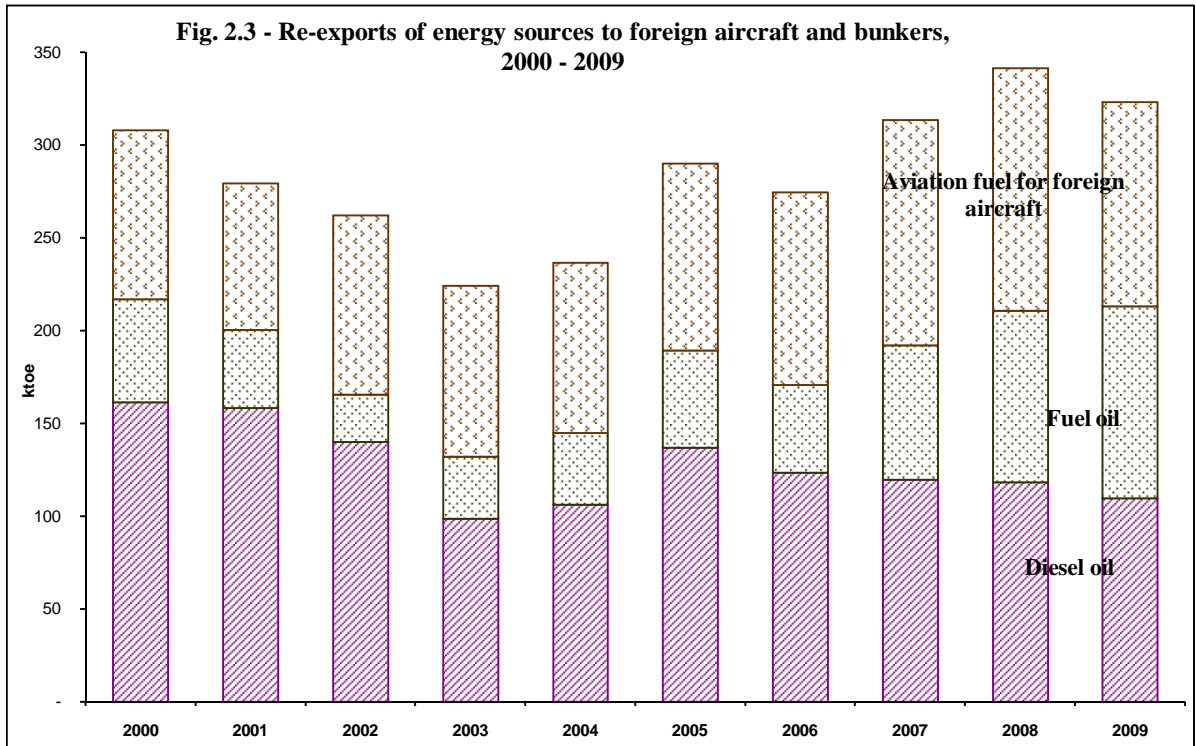


Table 2.7 Average import price of energy sources by country of origin , 2000 - 2009

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Coal	877	1,125	1,098	1,064	1,566	2,021	1,946	2,466	3,585	3,200
Mozambique	809	-	1,090	1,014	1,755	2,061	1,750	-	-	-
South Africa	890	1,125	1,107	1,096	1,379	1,990	1,985	2,466	3,585	3,200
Gasolene	8,286	7,446	7,543	8,623	11,751	16,745	21,122	22,618	24,793	19,264
Bahrain	8,520	7,772	8,268	8,386	11,644	14,967	23,219	-	-	-
India	-	-	-	-	-	15,169	21,108	22,618	24,793	19,264
Reunion Island	-	-	-	-	-	12,439	-	-	-	-
Saudi Arabia	9,080	7,358	8,282	9,152	11,977	22,275	17,258	-	-	-
Singapore	-	8,570	-	-	-	21,453	-	-	-	-
South Africa	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	-	-	-	-	-	-	-	-	-	-
Diesel	6,379	6,053	6,419	7,137	9,700	14,650	19,393	20,954	27,124	16,710
Bahrain	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	16,710
Kuwait	-	-	-	-	8,594	-	-	-	-	-
Saudi Arabia	6,902	6,426	6,688	6,893	8,404	14,749	19,450	-	-	-
Singapore	-	6,339	-	-	-	17,233	-	-	-	-
South Africa	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	-	-	-	6,170	-	-	-	-	-	-
Kerosene (excl. jet fuel)	7,526	7,084	7,167	8,350	10,770	16,374	20,558	22,232	29,548	18,604
Bahrain	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	18,604
Quatar	-	-	-	-	-	-	19,395	-	-	-
Saudi Arabia	8,942	7,769	7,277	8,715	9,401	19,103	20,657	-	-	-
Seychelles	-	-	-	-	-	-	-	23,455	-	-
Singapore	-	7,115	-	-	-	19,348	-	-	-	-
South Africa	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	7,102	6,607	6,920	7,655	10,799	16,456	20,924	22,183	27,792	17,379
Bahrain	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	17,379
Quatar	-	-	-	-	-	-	19,395	-	-	-
Saudi Arabia	7,779	7,003	7,581	7,811	8,588	17,396	20,680	-	-	-
Seychelles	-	-	-	-	-	-	-	23,455	-	-
Singapore	-	7,100	-	-	-	19,348	-	-	-	-
South Africa	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	-	-	-	6,302	-	-	-	-	-	-
Fuel Oil	4,408	4,412	5,117	5,045	5,615	8,328	10,945	12,065	15,738	13,238
Bahrain	-	4,296	-	-	-	-	-	-	-	-
India	-	3,890	-	-	-	-	10,182	12,065	15,738	13,238
Iran	-	4,267	4,752	-	6,273	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-	-
Madagascar	4,265	4,392	4,846	4,980	5,133	-	-	-	-	-
Saudi Arabia	-	5,426	-	-	-	-	-	-	-	-
Singapore	-	-	4,838	-	-	-	-	-	-	-
South Africa	4,205	4,386	4,942	5,182	5,271	9,337	10,406	-	-	-
Ukraine	-	-	5,472	5,119	-	-	-	-	-	-
United Arab Emirates	4,630	4,574	5,444	5,252	6,161	8,172	11,476	-	-	-
LPG	10,789	11,780	9,521	10,082	11,889	16,701	21,211	23,606	28,819	21,134
Australia	-	-	-	-	-	-	21,386	-	31,695	18,273
Bahrain	-	-	-	-	12,254	15,501	-	-	-	-
France	-	-	9,079	8,887	-	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	30,796	-
India	-	-	-	-	-	-	-	-	27,699	26,465
Indonesia	13,577	-	-	-	10,507	15,094	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	23,071
Madagascar	-	-	-	-	-	-	-	-	31,102	17,725
Malaysia	11,218	11,739	9,634	10,054	11,716	17,307	21,086	-	-	-
Oman	-	-	-	-	-	-	21,280	-	-	-
Philippines	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	8,712	-	-	-	-	23,895	26,380	-
Singapore	11,402	11,974	9,944	9,781	12,766	-	-	-	-	-
South Africa	10,677	11,777	9,048	10,832	14,273	-	21,729	26,450	27,562	-
Taiwan	-	-	-	-	-	-	-	-	30,113	-
United Arab Emirates	10,508	-	-	-	11,062	15,528	19,518	22,364	-	18,605
Vietnam	-	-	-	-	-	-	-	-	-	21,019
Yemen	-	-	11,064	11,597	10,860	15,799	-	-	-	-
Other countries	15,649	-	10,545	9,647	-	-	-	-	-	-

Fig 2.4 - Average import price of energy sources, 2000 - 2009

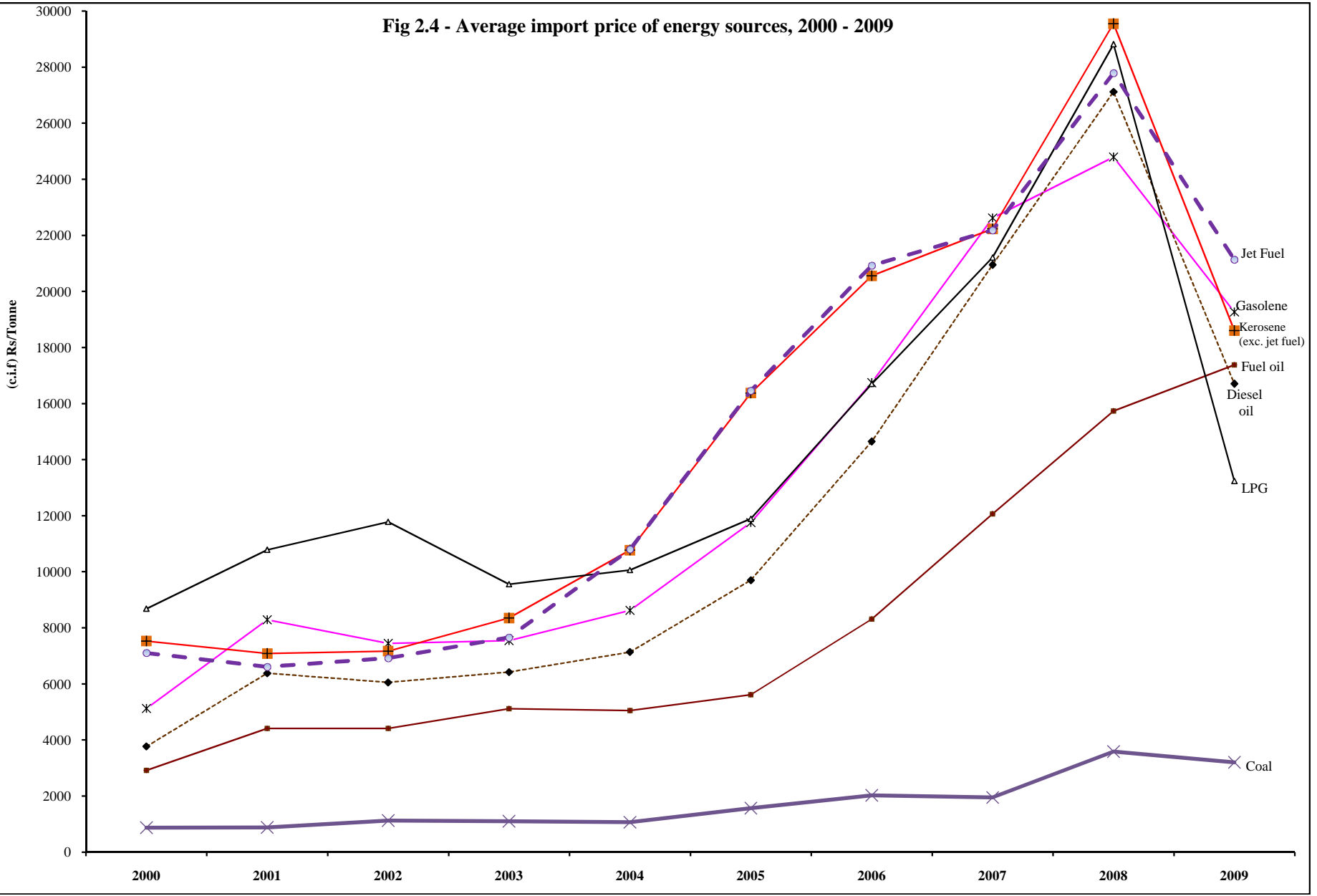
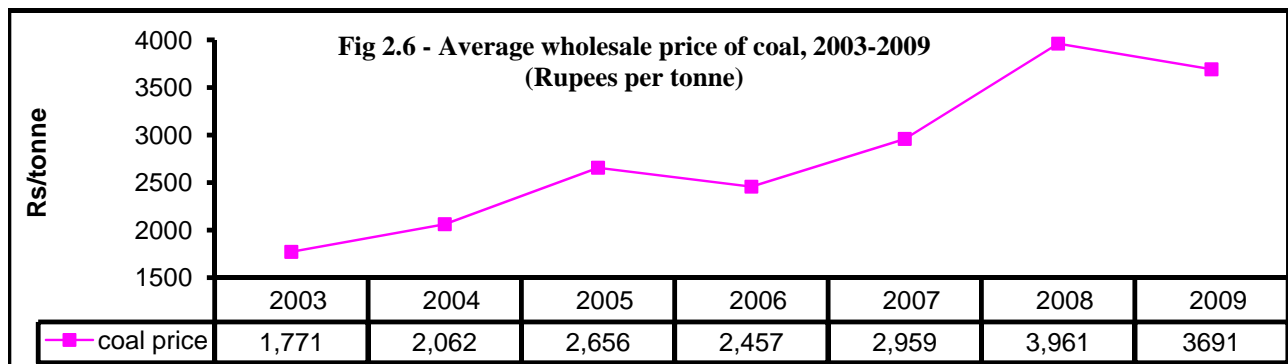
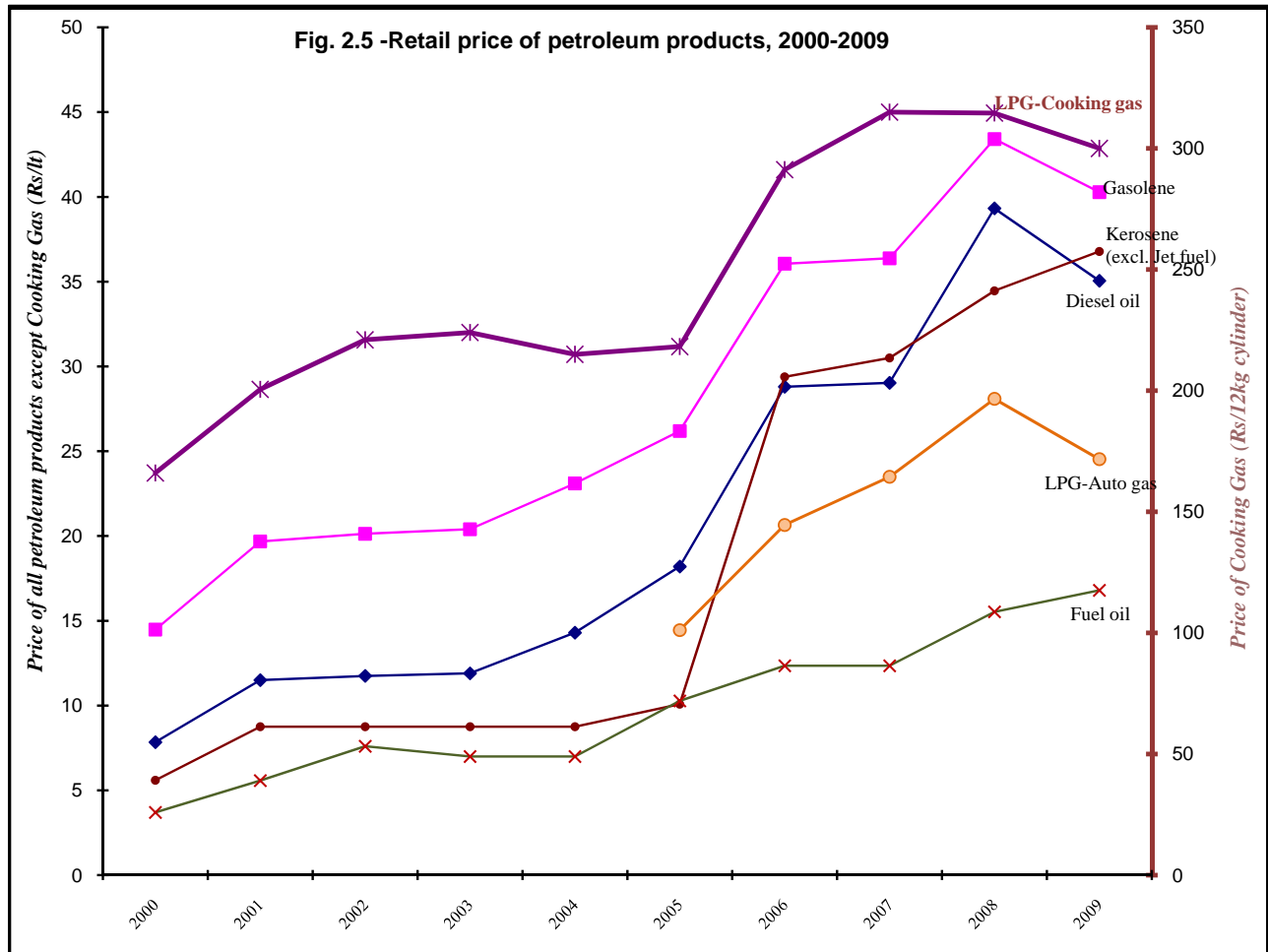


Table 2.8 - Average retail price (Rupees) of petroleum products used as energy sources, 2000-2009

Energy sources	Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
		Rupees									
Gasolene	1 Lt	14.48	19.68	20.13	20.40	23.10	26.19	36.06	36.38	43.41	40.28
Diesel oil	1 Lt	7.84	11.50	11.75	11.90	14.30	18.20	28.80	29.03	39.32	35.05
Kerosene (excl. jet fuel)	1 Lt	5.60	8.75	8.75	8.75	8.75	10.08	29.39	30.50	34.46	36.78
Fuel Oil	1 Lt	3.70	5.58	7.60	7.00	7.00	10.28	12.35	12.35	15.53	16.80
LPG - Cooking Gas	12 Kg	166.02	200.55	221.00	224.00	215.00	218.20	291.25	315.00	314.60	300.00
LPG- Auto Gas	1 Lt						14.45	20.65	23.49	28.09	24.53



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, 2000 - 2009

Year	Plant capacity ¹ (MW)				Peak Power 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.							
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
2009	729.0	10.5	647.3	9.6	388.6	5.6	122.41	1.50	2,453.53	2,577.44	2,305.78	2,069.21	2,340.87

¹ Includes plant capacity for electricity not exported to CEB

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

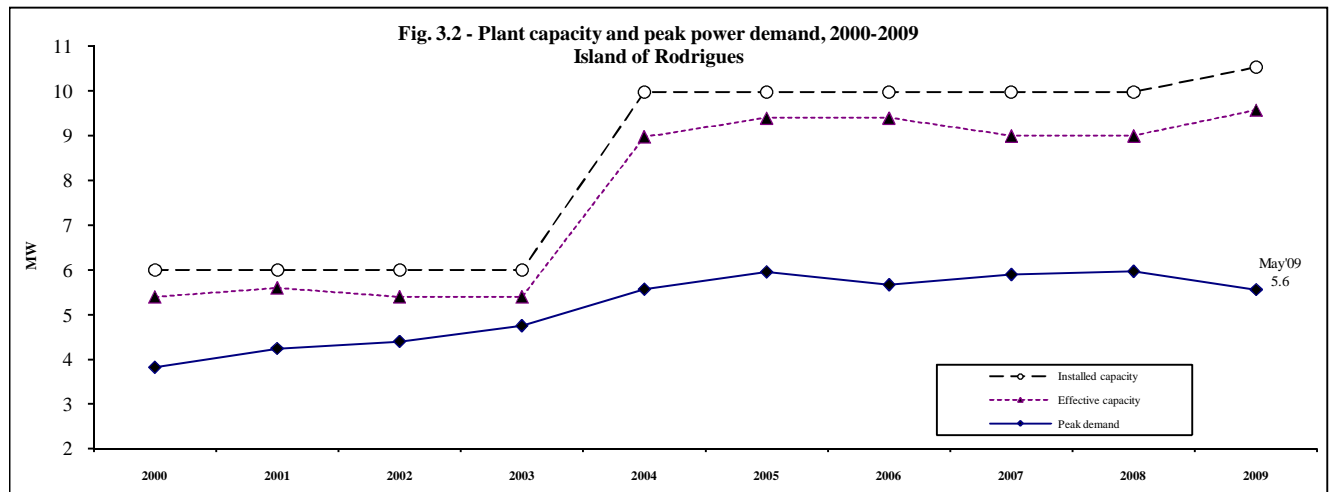
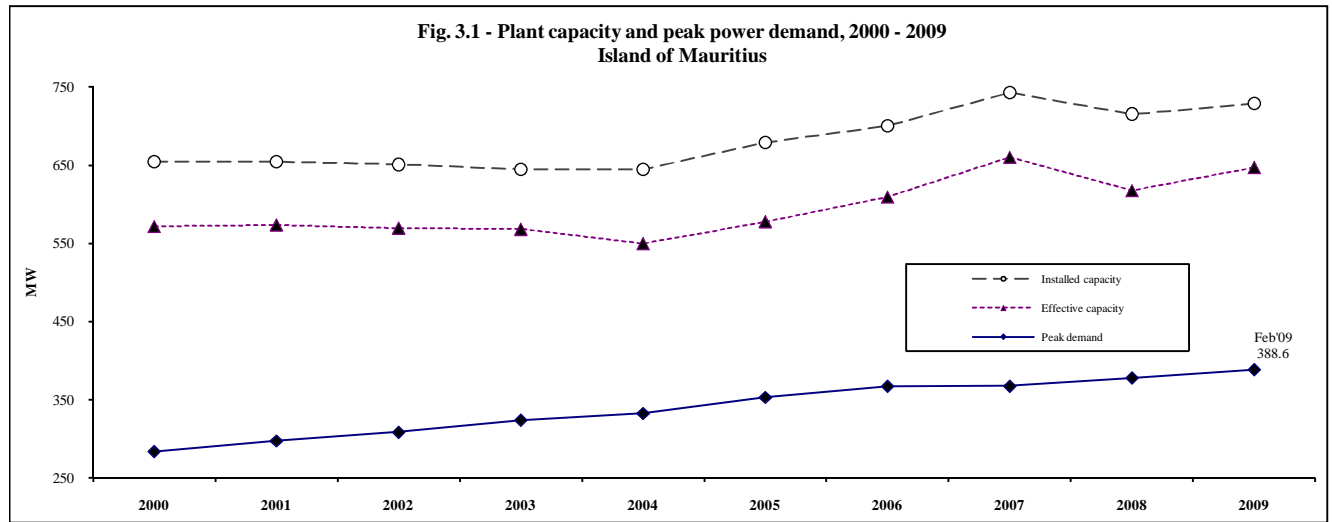


Table 3.2 - Plant capacity, 2009

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	<u>Firm producers¹</u>	<u>257.6</u>	<u>243.0</u>
Ferney	10.0	10.0		F.U.E.L.	36.7
Tamarind Falls	11.1	7.0	Compagnie thermique de Belle Vue	70.0	62.0
Le Val	4.0	4.0	Consolidated energy limited	28.4	25.5
Reduit	1.2	1.0	Compagnie thermique du Sud	33.0	32.5
Cascade Cecile	1.0	1.0	Compagnie thermique de Savannah	90.0	90.00
Magenta	0.9	0.9	<u>Continuous producers²</u>	<u>39.2</u>	<u>27.6</u>
La Ferme	1.2	1.2	Medine	13.0	3.0
Total (Hydro)	59.4	53.1	Union St. Aubin	12.2	11.0
Wind:			Mon Loisir	14.0	13.6
Island of Rodrigues	0.7	0.7	<u>Island of Rodrigues</u>	<u>9.8</u>	<u>8.9</u>
Thermal:			Total (Thermal)	382.6	332.5
<u>Island of Mauritius</u>	<u>372.8</u>	<u>323.6</u>	Grand Total	442.8	385.7
St Louis	113.2	78.6	Installed		Effective
Fort Victoria	43.6	32.0	1. Island of Mauritius	729.0	647.3
Nicolay	78.0	76.0	CEB	432.2	376.7
Fort George	138.0	137.0	IPP	296.8	270.6
<u>Island of Rodrigues</u>	<u>9.8</u>	<u>8.9</u>	of which: involved in export to CEB	289.6	231.5
Total (Thermal)	382.6	332.5	2. Island of Rodrigues (CEB)	10.5	9.6
Grand Total	442.8	385.7	Total	739.0	656.3

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

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

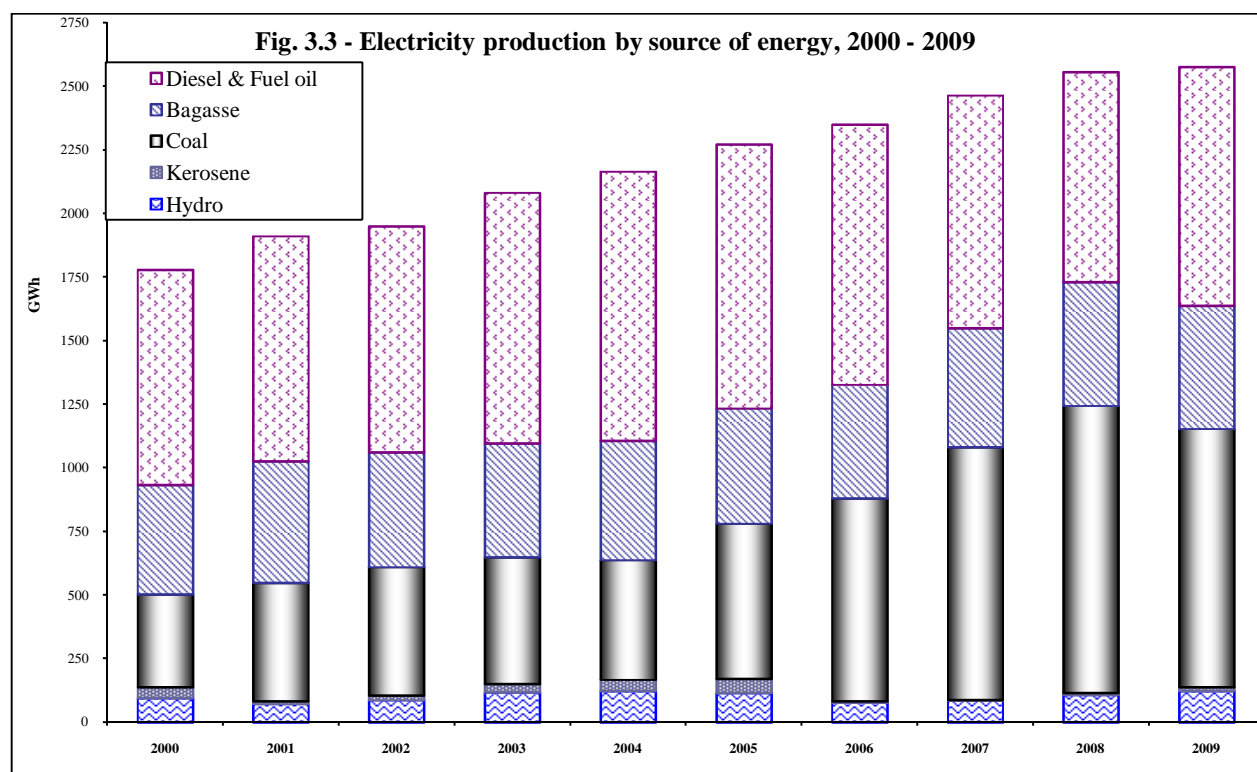


Table 3.5 - Generation of electricity by CEB and IPP, 2000 - 2009

	GWh									
Power station	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CEB	983.3	967.5	991.0	1,134.9	1,225.3	1,209.5	1,106.1	1,003.1	942.1	1,077.2
Hydro	95.3	70.4	85.6	117.7	122.3	114.9	76.6	83.9	108.0	122.4
Wind	-	-	-	-	0.4	0.4	0.4	0.4	0.4	1.5
Island of Rodrigues	-	-	-	-	0.4	0.4	0.4	0.4	0.4	1.5
Thermal	888.1	897.1	905.4	1,017.2	1,102.6	1,094.2	1,029.1	918.9	833.7	953.2
Island of Mauritius	868.5	876.5	882.8	992.8	1,075.8	1,064.6	998.7	888.4	802.9	923.0
Island of Rodrigues	19.6	20.6	22.6	24.4	26.8	29.6	30.3	30.5	30.8	30.2
IPP	794.2	943.3	957.9	946.6	939.9	1,062.6	1,244.1	1,461.5	1,615.1	1,500.3
Hydro	0.4	0.4	0.3	0.1	0.0	-	-	-	-	-
Of which : exported to CEB	0.0	0.0	0.0	-	-	-	-	-	-	-
Thermal ¹	793.8	942.9	957.6	946.5	939.9	1,062.6	1,244.1	1,461.5	1,615.1	1,500.3
Of which : exported to CEB	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7	1,226.7	1,365.1	1,228.6
Coal (Firm producers ²)	322.7	413.7	447.6	433.4	407.2	533.8	719.5	879.9	998.7	875.0
Bagasse	278.5	296.5	299.1	296.1	317.9	301.6	296.2	346.8	366.4	353.6
Firm producers ²	167.0	182.8	171.1	176.2	191.0	185.0	182.6	302.8	346.7	313.6
Continuous producers ³	111.5	113.7	128.0	119.9	127.0	116.6	113.6	44.0	19.7	40.0
Total	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	2,577.4
of which renewables	525.7	548.1	537.7	566.6	592.3	568.2	522.8	552.2	594.8	608.9
Island of Mauritius										
CEB	963.7	946.9	968.4	1,110.5	1,198.1	1,179.5	1,075.4	972.3	911.0	1,045.5
IPP export to CEB	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7	1,226.7	1,365.1	1,228.6
Total available for sales	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	2,274.1
of which renewables	373.7	366.9	384.7	413.8	440.2	416.5	372.8	430.7	474.4	476.0

¹ Estimates

² Producing electricity all year round with bagasse/coal

³ Producing electricity with bagasse only during crop season

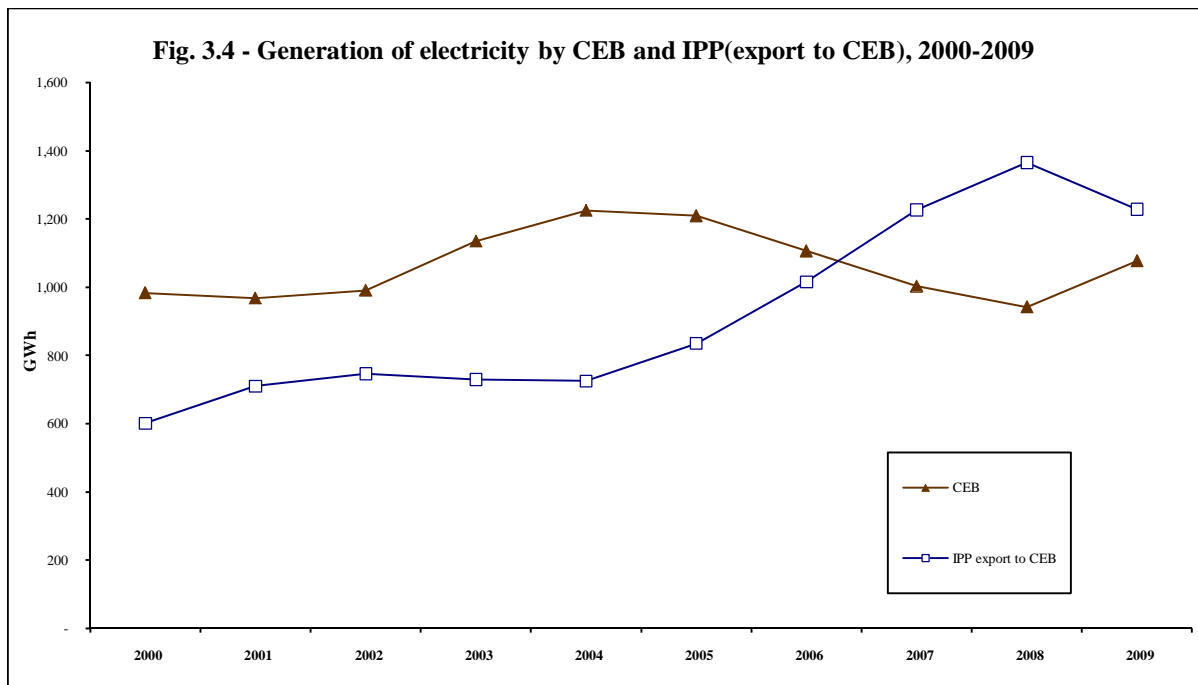


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 2000 - 2009

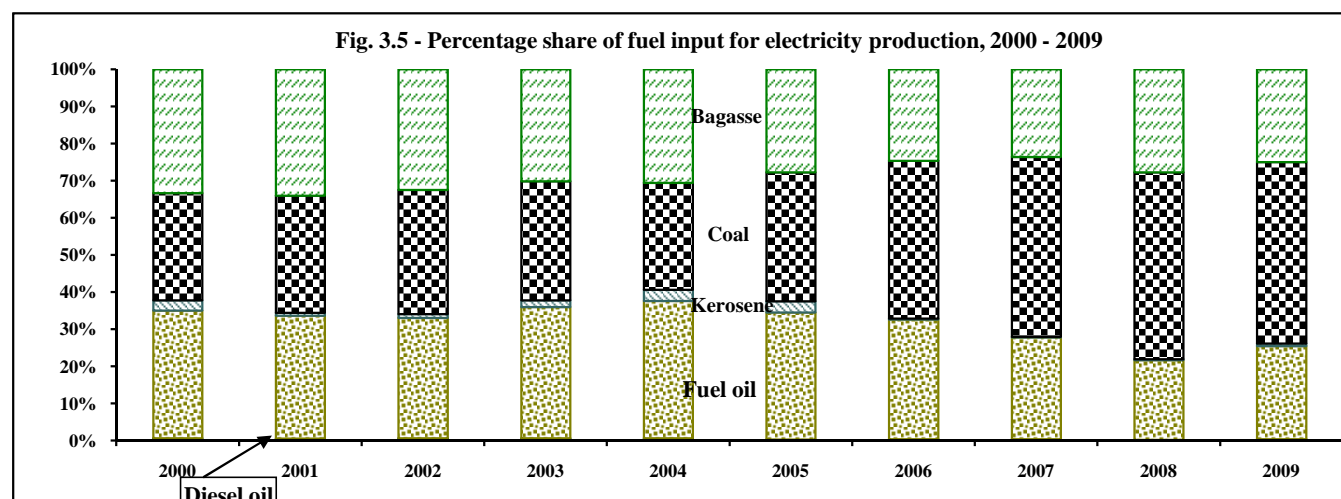
	%										
Power station	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
CEB	55.3	50.6	50.8	54.5	56.6	53.2	47.1	40.7	36.8	41.8	
Hydro	5.4	3.7	4.4	5.7	5.6	5.1	3.3	3.4	4.2	4.7	
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Thermal	50.0	46.9	46.5	48.9	50.9	48.2	43.8	37.3	32.6	37.0	
<i>Island of Mauritius</i>	48.9	45.9	45.3	47.7	49.7	46.9	42.5	36.0	31.4	35.8	
<i>Island of Rodrigues</i>	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	
IPP	44.7	49.4	49.2	45.5	43.4	46.8	52.9	59.3	63.2	58.2	
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	44.7	49.3	49.1	45.5	43.4	46.8	52.9	59.3	63.2	58.2	
<i>Of which : exported to CEB</i>	33.8	37.2	38.3	35.0	33.5	36.8	43.2	49.8	53.4	47.7	
Coal (<i>Firm producers</i> ¹)	18.2	21.6	23.0	20.8	18.8	23.5	30.6	35.7	39.1	34.0	
Bagasse	15.7	15.5	15.3	14.2	14.7	13.3	12.6	14.1	14.3	13.7	
<i>Firm producers</i> ¹	9.4	9.6	8.8	8.5	8.8	8.1	7.8	12.3	13.6	12.2	
<i>Continuous producers</i> ²	6.3	5.9	6.6	5.8	5.9	5.1	4.8	1.8	0.8	1.6	
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>	29.6	28.7	27.6	27.2	27.4	25.0	22.2	22.4	23.3	23.6	
Island of Mauritius											
CEB	61.6	57.1	56.5	60.4	62.3	58.5	51.4	44.2	40.0	46.0	
IPP export to CEB	38.4	42.9	43.5	39.6	37.7	41.5	48.6	55.8	60.0	54.0	
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>	23.9	22.1	22.4	22.5	22.9	20.7	17.8	19.6	20.8	20.9	

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, 2000 - 2009

Fuel	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Tonne										
<u>Island of Mauritius</u>										
Fuel oil	171,343	181,009	174,945	200,067	215,290	210,144	219,969	195,081	160,359	183,678
Diesel oil	2,822	2,553	2,771	2,423	2,335	1,909	2,232	2,638	1,721	2,558
Kerosene	13,081	3,760	5,443	9,864	16,555	17,731	1,848	1,067	2,095	4,924
Coal	228,520	273,376	286,886	287,176	265,128	340,675	462,784	552,632	609,745	574,141
Bagasse ¹	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	1,135,588
<u>Island of Rodrigues</u>										
Fuel oil	4,172	4,328	4,671	4,392	4,777	6,909	6,572	6,740	7,188	6,926
Diesel oil	542	585	710	1,472	1,633	217	299	108	180	203
Ktoe										
<u>Island of Mauritius</u>										
Fuel oil	164.49	173.77	167.95	192.06	206.68	201.74	211.17	187.28	153.94	176.33
Diesel oil	2.85	2.58	2.80	2.45	2.36	1.93	2.25	2.66	1.74	2.58
Kerosene	13.60	3.91	5.66	10.26	17.22	18.44	1.92	1.11	2.18	5.12
Coal	141.68	169.49	177.87	178.05	164.38	211.22	286.93	342.63	378.04	355.97
Bagasse	163.44	182.80	173.07	167.49	174.85	168.92	165.86	166.45	208.15	181.69
Sub total	486.07	532.55	527.34	550.31	565.48	602.24	668.13	700.13	744.05	721.70
<u>Island of Rodrigues</u>										
Fuel oil	4.00	4.15	4.48	4.22	4.59	6.63	6.31	6.47	6.90	6.65
Diesel oil	0.55	0.59	0.72	1.49	1.65	0.22	0.30	0.11	0.18	0.21
Sub total	4.55	4.75	5.20	5.70	6.24	6.85	6.61	6.58	7.08	6.85
Total	490.62	537.30	532.54	556.01	571.72	609.10	674.74	706.71	751.14	728.55
Percentage										
<u>Island of Mauritius</u>										
Fuel oil	33.5	32.3	31.5	34.5	36.2	33.1	31.3	26.5	20.5	24.2
Diesel oil	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.4	0.2	0.4
Kerosene	2.8	0.7	1.1	1.8	3.0	3.0	0.3	0.2	0.3	0.7
Coal	28.9	31.5	33.4	32.0	28.8	34.7	42.5	48.5	50.3	48.9
Bagasse	33.3	34.0	32.5	30.1	30.6	27.7	24.6	23.6	27.7	24.9
Sub total	99.1	99.1	99.0	99.0	98.9	98.9	99.0	99.1	99.1	99.1
<u>Island of Rodrigues</u>										
Fuel oil	0.8	0.8	0.8	0.8	0.8	1.1	0.9	0.9	0.9	0.9
Diesel oil	0.1	0.1	0.1	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Sub total	0.9	0.9	1.0	1.0	1.1	1.1	1.0	0.9	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), 2000 - 2009

Sector	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. Manufacturing	249.89	262.41	249.19	262.27	259.26	248.67	270.81	264.03	247.70	224.06
2. Transport	355.87	372.30	364.12	390.23	408.73	418.59	425.81	410.94	406.45	391.29
3. Commercial and Distributive Trade	36.93	40.78	41.72	47.68	51.54	55.68	62.68	65.25	69.07	72.31
4. Household	99.20	101.84	102.81	107.04	110.96	115.44	108.88	108.78	110.16	113.12
5. Agriculture	4.77	4.79	4.82	4.75	4.44	4.70	4.78	4.90	4.49	4.07
6. Other (n.e.s) and losses	2.00	2.30	2.39	2.89	3.19	3.01	3.35	3.60	3.76	3.72
TOTAL	748.65	784.43	765.05	814.87	838.12	846.08	876.30	857.50	841.63	808.57

ktoe

Table 4.2 - Percentage share of final energy consumption by sector, 2000 - 2009

Sector	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. Manufacturing	33.4	33.5	32.6	32.2	30.9	29.4	30.9	30.8	29.4	27.7
2. Transport	47.5	47.5	47.6	47.9	48.8	49.5	48.6	47.9	48.3	48.4
3. Commercial and Distributive Trade	4.9	5.2	5.5	5.9	6.1	6.6	7.2	7.6	8.2	8.9
4. Household	13.3	13.0	13.4	13.1	13.2	13.6	12.4	12.7	13.1	14.0
5. Agriculture	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.5
6. Other (n.e.s) and losses	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

%

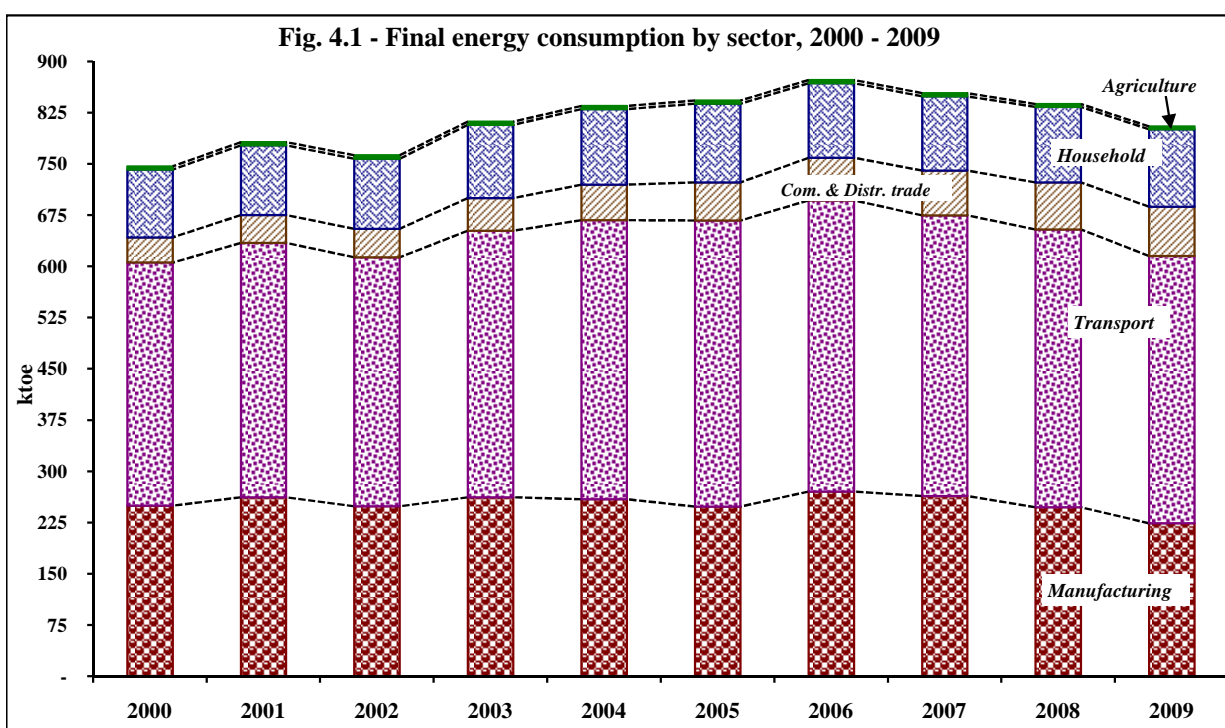


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 2000 - 2009

Sector	Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. Manufacturing											
1.1 excluding bagasse											
Fuel oil	tonne	49,000	60,630	61,439	55,615	49,857	46,763	58,098	60,567	54,639	46,824
Diesel oil	tonne	41,600	37,533	37,409	41,273	43,372	41,127	49,767	48,336	46,301	45,882
LPG	tonne	3,689	3,650	3,502	2,964	2,756	3,904	3,965	4,068	4,920	5,007
Coal	tonne	24,464	25,781	25,888	29,000	24,220	23,162	21,666	19,964	41,672	21,572
Fuelwood ²	tonne	1,500	1,500	1,450	1,430	1,415	1,400	1,425	1,425	1,425	1,426
Electricity	GWh	651.6	711.4	711.7	742.2	768.9	778.3	841.2	879.6	912.9	897.2
1.2 Bagasse²	tonne	531,800	529,000	442,722	510,246	518,379	476,198	463,563	400,646	239,276	226,759
2. Transport											
Gasolene	tonne	92,000	87,749	87,507	89,242	90,350	92,673	89,117	98,940	101,406	111,667
LPG	tonne	633	820	1,216	2,223	2,691	6,726	6,887	6,633	5,184	4,587
Diesel oil	tonne	142,000	145,555	153,437	161,267	164,120	166,510	173,689	151,779	152,910	153,707
Jet fuel for local aircraft	tonne	108,082	124,652	108,972	123,627	137,002	137,560	141,053	138,104	131,631	106,246
3. Commercial and Distributive Trade											
LPG	tonne	4,150	4,450	4,559	5,749	6,372	6,985	11,436	10,927	10,094	10,575
Charcoal ²	tonne	300	330	340	350	360	380	393	407	422	437
Electricity	GWh	374.85	415.54	424.92	479.26	516.23	556.41	581.81	617.95	672.71	704.20
4. Household											
Kerosene	tonne	9,600	9,480	8,409	8,265	8,726	9,765	3,923	1,238	1,772	1,476
LPG	tonne	37,710	37,850	39,023	40,559	42,856	43,206	41,599	42,088	42,394	43,237
Fuelwood ²	tonne	16,000	15,900	15,850	15,780	15,940	16,540	17,473	17,497	16,726	16,619
Charcoal ²	tonne	150	150	130	125	120	130	123	126	119	119
Electricity	GWh	491.93	522.80	532.55	564.61	575.01	607.49	617.88	642.97	652.17	680.12
5. Agriculture											
Diesel oil ²	tonne	2,400	2,460	2,430	2,410	2,375	2,345	2,289	2,456	2,241	2,286
Electricity	GWh	27.24	26.77	27.48	26.96	23.79	27.07	28.73	28.19	25.83	20.47

² Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 2000 - 2009

	ktoe									
Sector	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. Manufacturing	249.9	262.4	249.2	262.3	259.3	248.7	270.8	264.0	247.7	224.1
1.1 excluding bagasse	164.8	177.8	178.4	180.6	176.3	172.5	196.6	199.9	209.4	187.8
Fuel oil	47.0	58.2	59.0	53.4	47.9	44.9	55.8	58.1	52.5	45.0
Diesel oil	42.0	37.9	37.8	41.7	43.8	41.5	50.3	48.8	46.8	46.3
LPG	4.0	3.9	3.8	3.2	3.0	4.2	4.3	4.4	5.3	5.4
Coal	15.2	16.0	16.1	18.0	15.0	14.4	13.4	12.4	25.8	13.4
Fuelwood ¹	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Electricity	56.0	61.2	61.2	63.8	66.1	66.9	72.3	75.6	78.5	77.2
1.2 Bagasse¹	85.1	84.6	70.8	81.6	82.9	76.2	74.2	64.1	38.3	36.3
2. Transport	355.9	372.3	364.1	390.2	408.7	418.6	425.8	410.9	406.5	391.3
Gasolene	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	109.5	120.6
LPG	0.7	0.9	1.3	2.4	2.9	7.3	7.4	7.2	5.6	5.0
Diesel oil	143.4	147.0	155.0	162.9	165.8	168.2	175.4	153.3	154.4	155.2
Jet fuel for local aircraft	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6	136.9	110.5
3. Commercial and Distributive Trade	36.9	40.8	41.7	47.7	51.5	55.7	62.7	65.2	69.1	72.3
LPG	4.5	4.8	4.9	6.2	6.9	7.5	12.4	11.8	10.9	11.4
Charcoal ¹	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	32.2	35.7	36.5	41.2	44.4	47.9	50.0	53.1	57.9	60.6
4. Household	99.2	101.8	102.8	107.0	111.0	115.4	108.9	108.8	110.2	113.1
Kerosene	10.0	9.9	8.7	8.6	9.1	10.2	4.1	1.3	1.8	1.5
LPG	40.7	40.9	42.1	43.8	46.3	46.7	44.9	45.5	45.8	46.7
Fuelwood ¹	6.1	6.0	6.0	6.0	6.1	6.3	6.6	6.6	6.4	6.3
Charcoal ¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	42.3	45.0	45.8	48.6	49.5	52.2	53.1	55.3	56.1	58.5
5. Agriculture	4.8	4.8	4.8	4.8	4.4	4.7	4.8	4.9	4.5	4.1
Diesel oil ¹	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.5	2.3	2.3
Electricity	2.3	2.3	2.4	2.3	2.0	2.3	2.5	2.4	2.2	1.8
6. Other (n.e.s) and losses	2.0	2.3	2.4	2.9	3.2	3.0	3.3	3.6	3.8	3.7
TOTAL	748.6	784.4	765.0	814.9	838.1	846.1	876.3	857.5	841.6	808.6

¹ Estimates

Table 4.5 - Percentage share of final energy consumption in ktoe by sector and type of fuel, 2000 - 2009

	%									
Sector	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. Manufacturing	33.4	33.5	32.6	32.2	30.9	29.4	30.9	30.8	29.4	27.7
1.1 Excluding bagasse	22.0	22.7	23.3	22.2	21.0	20.4	22.4	23.3	24.9	23.2
Fuel oil	6.3	7.4	7.7	6.6	5.7	5.3	6.4	6.8	6.2	5.6
Diesel oil	5.6	4.8	4.9	5.1	5.2	4.9	5.7	5.7	5.6	5.7
LPG	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.6	0.7
Coal	2.0	2.0	2.1	2.2	1.8	1.7	1.5	1.4	3.1	1.7
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	7.5	7.8	8.0	7.8	7.9	7.9	8.3	8.8	9.3	9.5
1.2 Bagasse	11.4	10.8	9.3	10.0	9.9	9.0	8.5	7.5	4.5	4.5
2. Transport	47.5	47.5	47.6	47.9	48.8	49.5	48.6	47.9	48.3	48.4
Gasolene	13.3	12.1	12.4	11.8	11.6	11.8	11.0	12.5	13.0	14.9
LPG	0.1	0.1	0.2	0.3	0.3	0.9	0.8	0.8	0.7	0.6
Diesel oil	19.2	18.7	20.3	20.0	19.8	19.9	20.0	17.9	18.4	19.2
Jet fuel for local aircraft	15.0	16.5	14.8	15.8	17.0	16.9	16.7	16.7	16.3	13.7
3. Commercial and Distributive Trade	4.9	5.2	5.5	5.9	6.1	6.6	7.2	7.6	8.2	8.9
LPG	0.6	0.6	0.6	0.8	0.8	0.9	1.4	1.4	1.3	1.4
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	4.3	4.6	4.8	5.1	5.3	5.7	5.7	6.2	6.9	7.5
4. Household	13.3	13.0	13.4	13.1	13.2	13.6	12.4	12.7	13.1	14.0
Kerosene	1.3	1.3	1.1	1.1	1.1	1.2	0.5	0.2	0.2	0.2
LPG	5.4	5.2	5.5	5.4	5.5	5.5	5.1	5.3	5.4	5.8
Fuelwood	0.8	0.8	0.8	0.7	0.7	0.7	0.8	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	5.6	5.7	6.0	6.0	5.9	6.2	6.1	6.4	6.7	7.2
5. Agriculture	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5	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	0.2	0.3	0.3	0.3	0.3	0.2
6. Other (n.e.s) and losses	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5
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, 2000 - 2009

Energy source		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	Unit	Physical unit									
Coal	Thousand tonnes	24.5	25.8	25.9	29.0	24.2	23.2	21.7	20.0	41.7	21.6
Gasolene	"	92.0	87.7	87.5	89.2	90.4	92.7	89.1	98.9	101.4	111.7
Diesel Oil	"	186.0	185.5	193.3	205.0	209.9	210.0	225.7	202.6	201.5	201.9
Jet fuel for local aircraft	"	108.1	124.7	109.0	123.6	137.0	137.6	141.1	138.1	131.6	106.2
Kerosene	"	9.6	9.5	8.4	8.3	8.7	9.8	3.9	1.2	1.8	1.5
Fuel Oil	"	49.0	60.6	61.4	55.6	49.9	46.8	58.1	60.6	54.6	46.8
LPG	"	46.2	47.1	48.3	51.7	54.9	60.9	63.9	63.8	62.9	63.8
Bagasse ¹	"	531.8	529.0	442.7	510.2	518.4	476.2	463.6	400.6	239.3	226.8
Fuelwood ¹	"	17.5	17.4	17.3	17.2	17.4	17.9	18.9	18.9	18.2	18.0
Charcoal ¹	"	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Electricity	GWh	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	2,340.9
		Energy unit									
Fossil fuels	ktoe	521.8	546.7	539.2	567.8	583.2	590.4	613.3	595.7	597.9	563.7
Coal	"	15.2	16.0	16.1	18.0	15.0	14.4	13.4	12.4	25.8	13.4
Petroleum products:	"	506.7	530.7	523.2	549.8	568.2	576.0	599.8	583.4	572.1	550.3
Gasolene	"	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.9	109.5	120.6
Diesel Oil	"	187.9	187.4	195.2	207.0	212.0	212.1	228.0	204.6	203.5	203.9
Jet fuel for local aircraft	"	112.4	129.6	113.3	128.6	142.5	143.1	146.7	143.6	136.9	110.5
Kerosene	"	10.0	9.9	8.7	8.6	9.1	10.2	4.1	1.3	1.8	1.5
Fuel Oil	"	47.0	58.2	59.0	53.4	47.9	44.9	55.8	58.1	52.5	45.0
LPG	"	50.0	50.8	52.5	55.8	59.2	65.7	69.0	68.9	67.9	68.9
Renewables	"	92.1	91.6	77.8	88.5	89.9	83.4	81.7	71.7	45.6	43.6
Bagasse	"	85.1	84.6	70.8	81.6	82.9	76.2	74.2	64.1	38.3	36.3
Fuelwood	"	6.7	6.6	6.6	6.5	6.6	6.8	7.2	7.2	6.9	6.9
Charcoal	"	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Electricity	"	134.8	146.2	148.0	158.6	165.0	172.4	181.3	190.1	198.1	201.3
Total	"	748.7	784.5	765.0	814.9	838.1	846.2	876.3	857.5	841.6	808.6
		Share									
Fossil fuels	%	69.7	69.7	70.5	69.7	69.6	69.8	70.0	69.5	71.0	69.7
Coal	"	2.0	2.0	2.1	2.2	1.8	1.7	1.5	1.4	3.1	1.7
Petroleum products:	"	67.7	67.7	68.4	67.5	67.8	68.1	68.5	68.0	68.0	68.1
Gasolene	"	13.3	12.1	12.4	11.8	11.6	11.8	11.0	12.5	13.0	14.9
Diesel Oil	"	25.1	23.9	25.5	25.4	25.3	25.1	26.0	23.9	24.2	25.2
Jet fuel for local aircraft	"	15.0	16.5	14.8	15.8	17.0	16.9	16.7	16.7	16.3	13.7
Kerosene	"	1.3	1.3	1.1	1.1	1.1	1.2	0.5	0.2	0.2	0.2
Fuel Oil	"	6.3	7.4	7.7	6.6	5.7	5.3	6.4	6.8	6.2	5.6
LPG	"	6.7	6.5	6.9	6.9	7.1	7.8	7.9	8.0	8.1	8.5
Renewables	"	12.3	11.7	10.2	10.9	10.7	9.9	9.3	8.4	5.4	5.4
Bagasse	"	11.4	10.8	9.3	10.0	9.9	9.0	8.5	7.5	4.5	4.5
Fuelwood	"	0.9	0.8	0.9	0.8	0.8	0.8	0.8	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	0.1
Electricity	"	18.0	18.6	19.3	19.5	19.7	20.4	20.7	22.2	23.5	24.9
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, 2000 - 2009

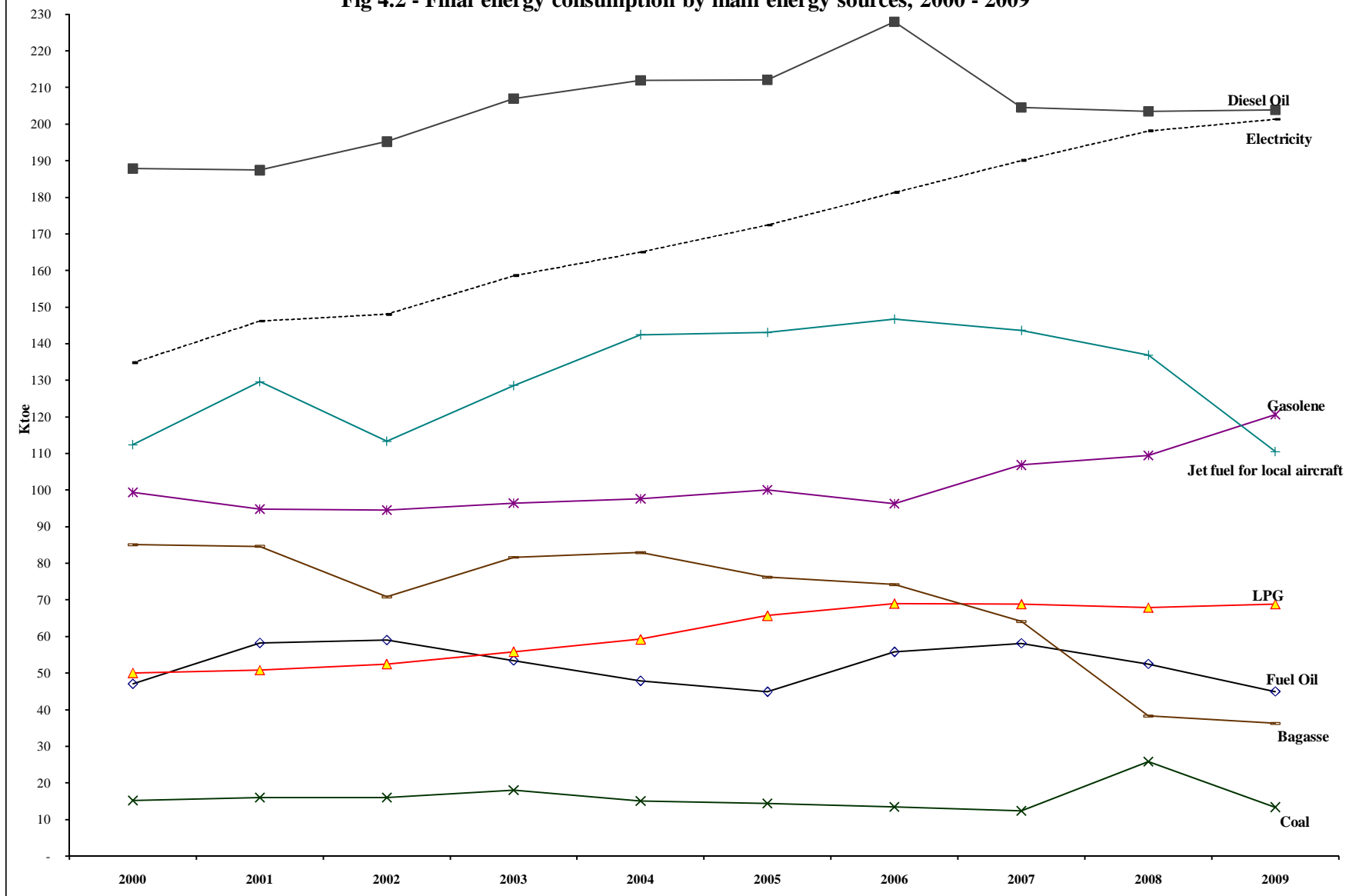


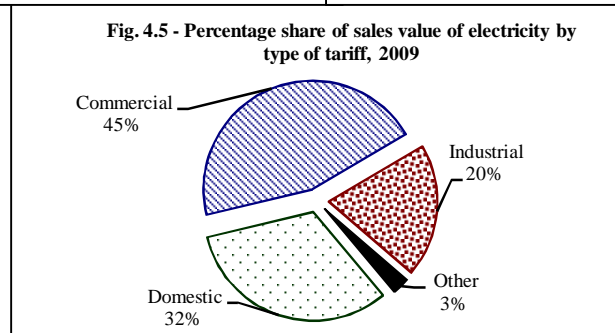
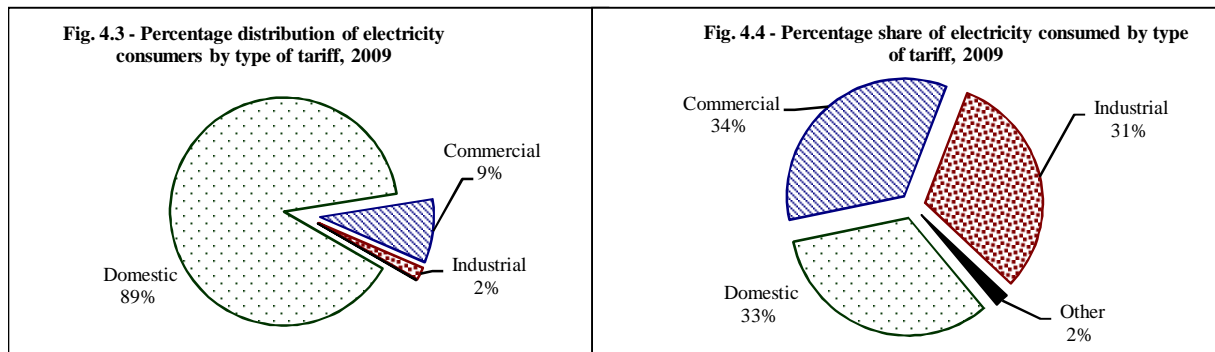
Table 4.7 - Sales of electricity by type of tariff, 2000 - 2009 (Republic of Mauritius)

Tariff group	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹	2009 ²
Number of consumers										
Domestic	288,520	297,051	303,620	311,523	319,425	328,726	335,816	343,142	350,627	358,359
Commercial	27,831	28,594	29,030	29,779	30,541	31,891	33,089	34,388	35,721	36,151
Industrial	7,008	7,084	7,164	7,218	7,205	7,316	7,364	7,435	7,295	7,143
Other	293	299	311	328	335	338	349	356	369	403
Total	323,652	333,028	340,125	348,848	357,506	368,271	376,618	385,321	394,012	402,056
GWh sold										
Domestic	491.9	522.8	532.5	564.6	575.0	607.5	617.9	643.0	652.2	680.1
Commercial	374.8	415.5	424.9	479.3	516.2	556.4	581.8	617.9	672.7	704.2
Industrial	485.8	505.0	527.9	552.0	577.9	578.1	641.6	673.0	688.7	646.1
Other	21.4	23.3	24.4	31.0	34.8	35.4	38.5	41.4	40.0	38.8
Total	1,374.0	1,466.7	1,509.8	1,626.9	1,703.95	1,777.5	1,879.8	1,975.3	2,053.7	2,069.2
Value sold (Rs.mn)										
Domestic	1,156.3	1,473.4	1,649.8	1,783.6	1,855.7	2,031.8	2,264.1	2,463.6	3,145.5	3,480.1
Commercial	1,038.5	1,411.4	1,707.7	1,928.6	2,091.6	2,312.4	2,779.1	3,109.5	4,439.4	4,867.6
Industrial	909.8	1,002.3	1,120.0	1,176.0	1,253.2	1,268.3	1,532.4	1,691.6	2,203.6	2,126.5
Other	66.3	83.7	104.5	134.6	151.6	159.2	194.3	216.8	275.0	277.9
Total	3,171.0	3,970.8	4,582.0	5,022.8	5,352.13	5,771.7	6,769.9	7,481.5	10,063.5	10,752.1
Average sales price (Rs./kWh)										
Domestic	2.35	2.82	3.10	3.16	3.23	3.34	3.66	3.83	4.82	5.12
Commercial	2.77	3.40	4.02	4.02	4.05	4.16	4.78	5.03	6.60	6.91
Industrial	1.87	1.98	2.12	2.13	2.17	2.19	2.39	2.51	3.20	3.29
Other	3.09	3.60	4.28	4.34	4.35	4.49	5.04	5.24	6.87	7.16
Total	2.31	2.71	3.03	3.09	3.14	3.25	3.60	3.79	4.90	5.20
Average no. of units per consumer (kWh)										
Domestic	1,705	1,760	1,754	1,812	1,800	1,848	1,840	1,874	1,860	1,898
Commercial	13,469	14,533	14,637	16,094	16,903	17,447	17,583	17,970	18,832	19,479
Industrial	69,320	71,290	73,695	76,476	80,204	79,022	87,123	90,514	94,414	90,445
Other	73,163	77,896	78,497	94,594	104,005	104,843	110,409	116,273	108,498	96,371
Total	4,245	4,404	4,439	4,664	4,766	4,827	4,991	5,126	5,212	5,147

1 Revised

2 Provisional

Source: Central Electricity Board



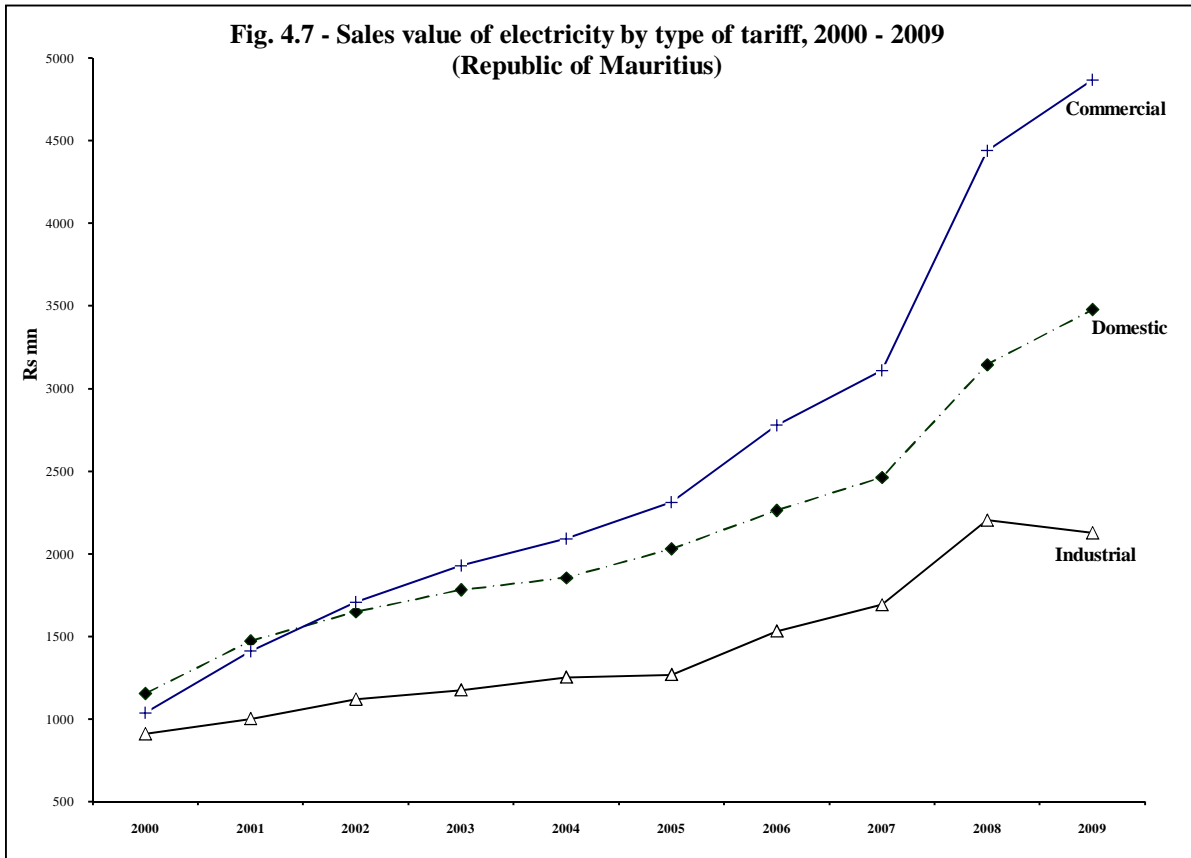
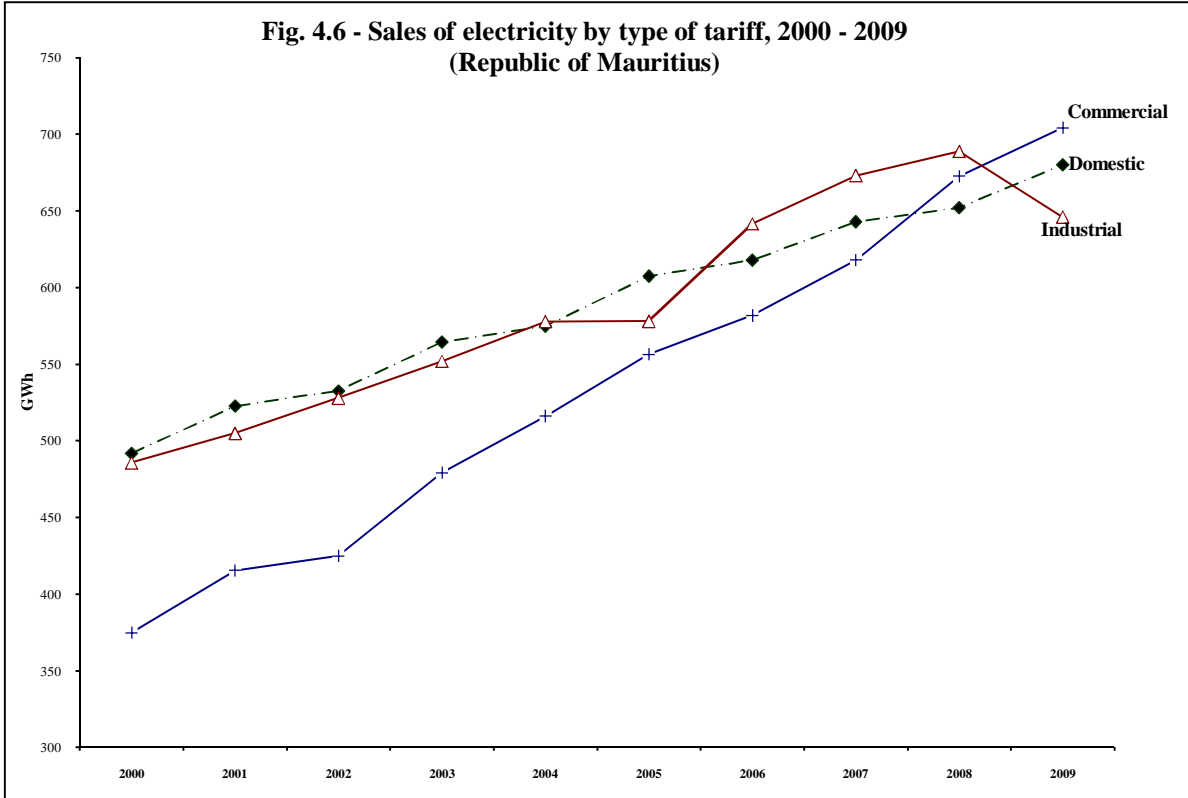


Table 4.8 - Sales of electricity by type of tariff, 2000 - 2009 (Island of Mauritius)

Tariff group	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹	2009 ²
Number of consumers										
Domestic	279,886	288,324	294,666	302,387	310,078	319,075	325,830	332,900	340,217	347,757
Commercial	26,915	27,655	28,054	28,797	29,552	30,866	32,060	33,309	34,630	35,051
Industrial	6,879	6,941	6,980	7,057	7,032	7,132	7,176	7,245	7,096	6,932
<i>General</i>	6,531	6,624	6,662	6,681	6,629	6,710	6,729	6,782	6,631	6,454
<i>Irrigation</i>	348	317	318	376	403	422	447	463	465	478
Other	283	293	305	322	328	331	342	349	362	396
Total	313,963	323,213	330,005	338,563	346,990	357,404	365,408	373,803	382,305	390,136
GWh sold										
Domestic	482.1	512.0	521.1	552.6	562.4	593.2	603.4	628.4	637.5	665.3
Commercial	370.7	411.0	419.7	473.0	509.2	548.2	574.1	610.1	664.5	695.7
Industrial	484.5	503.8	526.7	550.6	576.0	575.8	639.7	671.2	687.0	643.9
<i>General</i>	457.3	477.1	499.2	523.7	552.4	549.1	611.0	643.0	661.1	623.5
<i>Irrigation</i>	27.2	26.7	27.4	26.9	23.7	26.8	28.7	28.2	25.8	20.4
Other	21.2	23.1	24.2	30.8	34.5	35.0	38.0	40.8	39.4	38.2
<i>Street Lighting</i>	19.2	20.9	21.8	27.6	30.6	31.6	32.6	33.1	34.0	33.3
<i>Temporary</i>	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.2	0.2	0.2
<i>Miscellaneous</i>	1.9	2.0	2.2	3.0	3.8	3.0	4.9	7.4	5.2	4.7
Total	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	2,043.1
Value sold (Rs.mn)										
Domestic	1,134.0	1,445.6	1,617.3	1,749.2	1,817.5	1,986.4	2,215.0	2,412.2	3,080.6	3,411.0
Commercial	1,024.8	1,393.0	1,683.1	1,899.3	2,057.5	2,272.1	2,736.0	3,062.7	4,375.0	4,797.0
Industrial	906.6	999.0	1,116.5	1,171.9	1,248.3	1,262.0	1,526.4	1,685.7	2,195.9	2,117.5
<i>General</i>	868.8	960.7	1,071.9	1,128.1	1,208.8	1,216.1	1,472.5	1,629.9	2,130.9	2,064.8
<i>Irrigation</i>	37.8	38.3	44.6	43.8	39.5	45.9	54.0	55.8	64.9	52.6
Other	65.7	82.9	103.5	133.5	150.0	157.0	191.4	213.6	270.4	273.1
Total	3,131.1	3,920.6	4,520.3	4,953.9	5,273.3	5,677.6	6,668.8	7,374.3	9,921.9	10,598.6
Average sales price (Rs./kWh)										
Domestic	2.35	2.82	3.10	3.17	3.23	3.35	3.67	3.84	4.83	5.13
Commercial	2.76	3.39	4.01	4.02	4.04	4.14	4.77	5.02	6.58	6.90
Industrial	1.87	1.98	2.12	2.13	2.17	2.19	2.39	2.51	3.20	3.29
<i>General</i>	1.90	2.01	2.15	2.15	2.19	2.21	2.41	2.53	3.22	3.31
<i>Irrigation</i>	1.39	1.43	1.62	1.63	1.67	1.72	1.88	1.98	2.52	2.57
Other	3.10	3.60	4.28	4.34	4.35	4.49	5.04	5.23	6.87	7.16
All tariff	2.30	2.70	3.03	3.08	3.14	3.24	3.59	3.78	4.89	5.19
Average no. of units per consumer (kWh)										
Domestic	1,723	1,776	1,769	1,828	1,814	1,859	1,852	1,888	1,874	1,913
Commercial	13,771	14,861	14,960	16,426	17,229	17,761	17,907	18,317	19,189	19,847
Industrial	70,430	72,589	75,455	78,022	81,917	80,739	89,139	92,644	96,808	92,893
<i>General</i>	70,014	72,026	74,937	78,382	83,328	81,830	90,794	94,815	99,705	96,604
<i>Irrigation</i>	78,223	84,348	86,313	71,625	58,716	63,398	64,220	60,843	55,497	42,777
Other	67,843	71,391	71,610	85,748	93,190	95,480	95,368	94,979	93,867	84,099
All consumers	4,327	4,486	4,520	4,747	4,848	4,903	5,077	5,218	5,306	5,237

1 Revised

2 Provisional

Source: Central Electricity Board

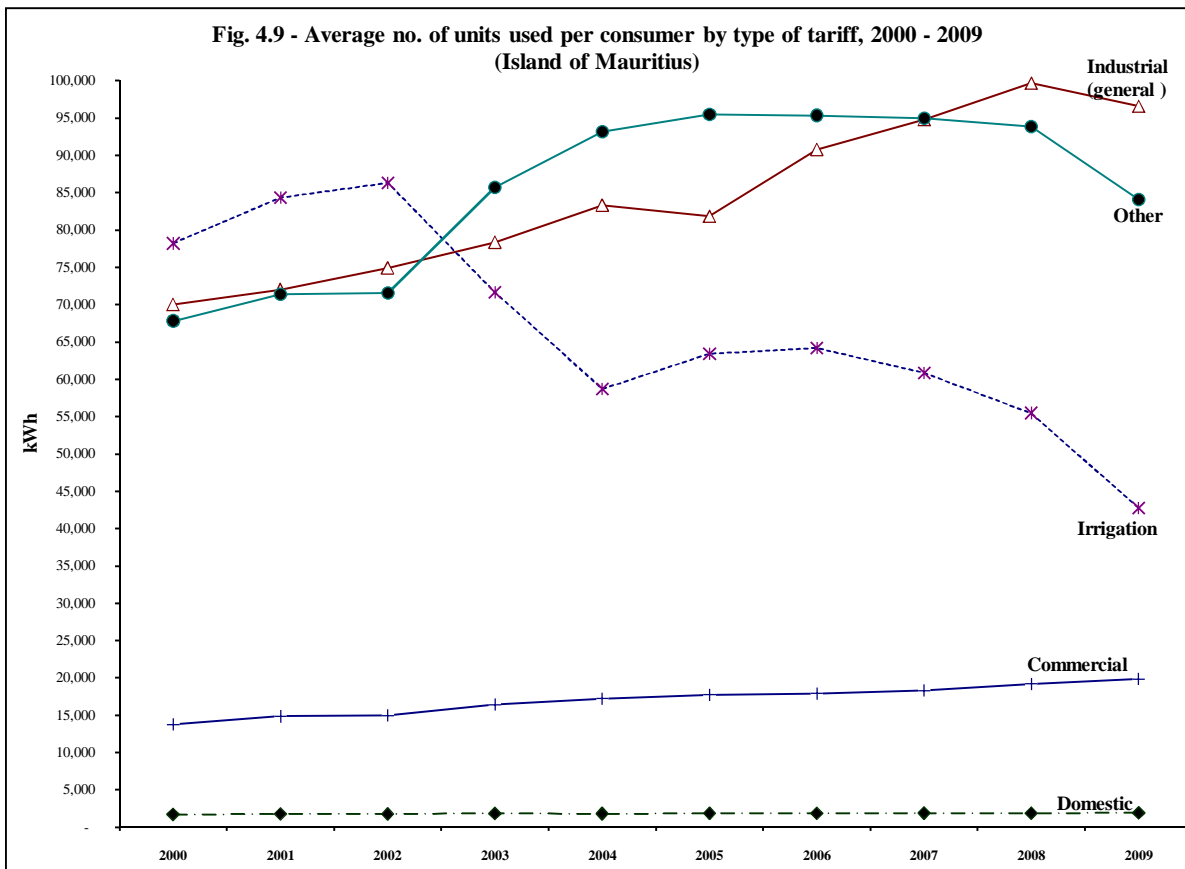
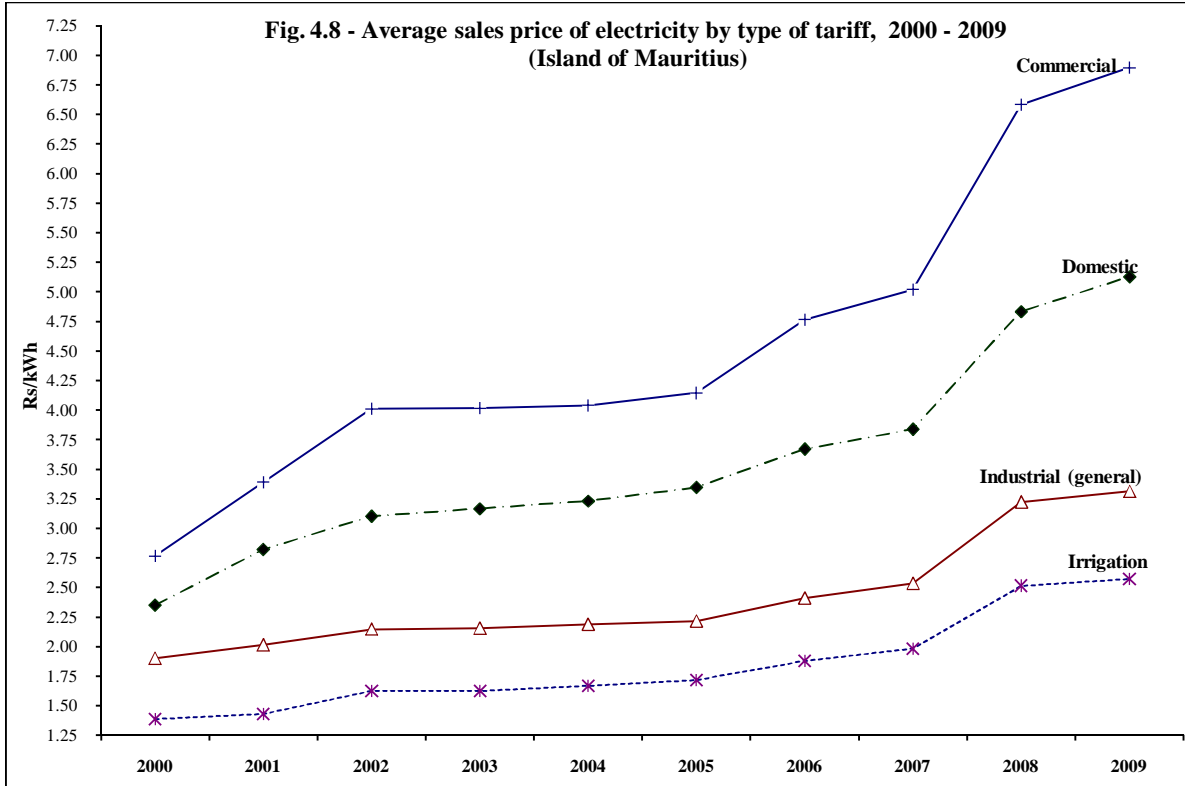


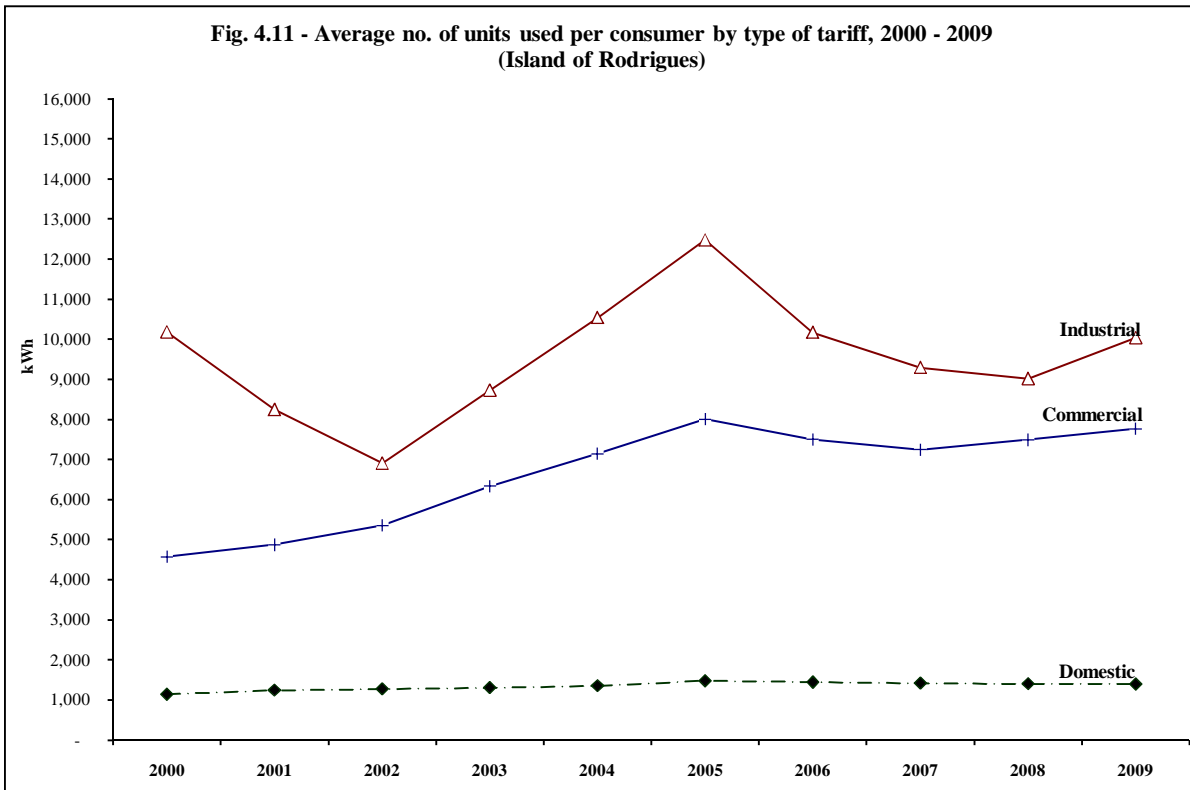
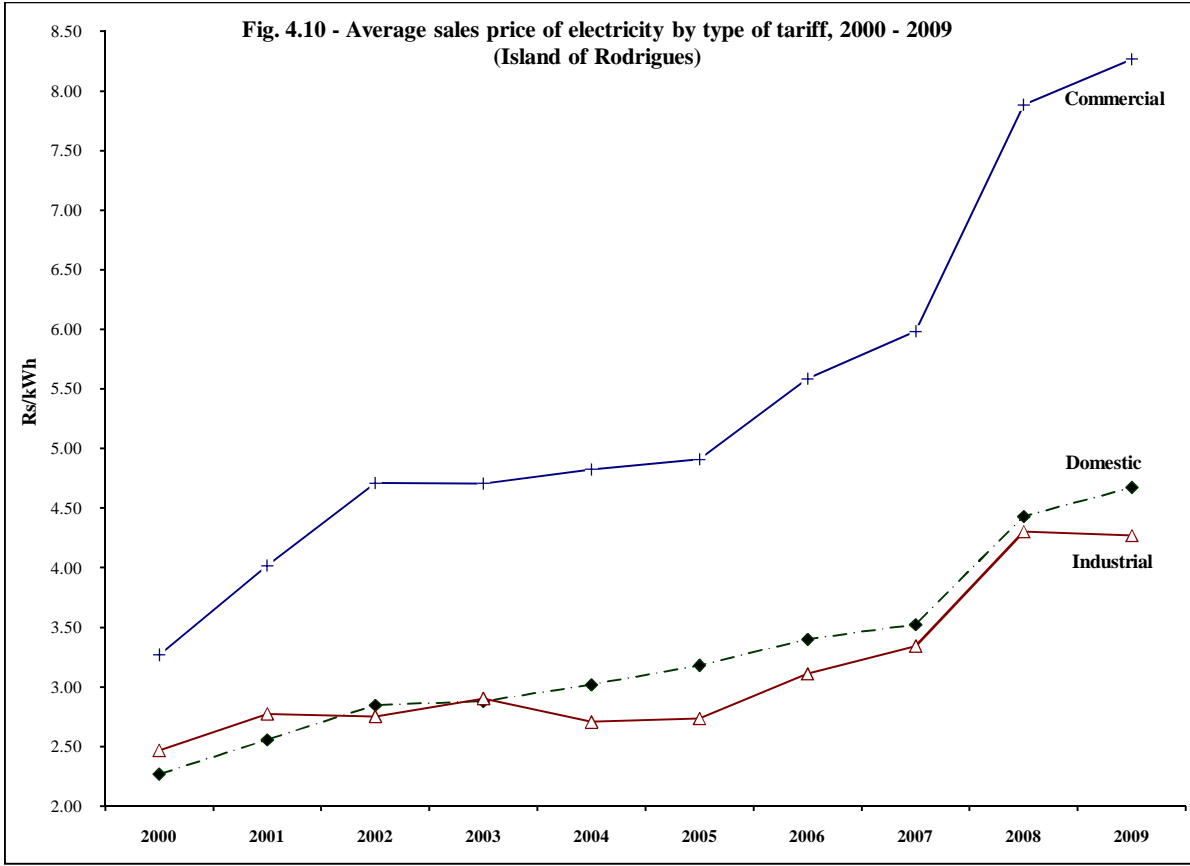
Table 4.9 - Sales of electricity by type of tariff, 2000 - 2009 (Island of Rodrigues)

Tariff group	2000	2001	2002	2003	2004	2005	2006	2007	2008¹	2009²
Number of consumers										
Domestic	8,634	8,727	8,954	9,136	9,347	9,651	9,986	10,242	10,410	10,602
Commercial	916	939	976	982	989	1,025	1,029	1,079	1,091	1,100
Industrial	129	143	184	161	173	184	188	190	199	211
Other	10	6	6	6	7	7	7	7	7	7
Total	9,689	9,815	10,120	10,285	10,516	10,867	11,210	11,518	11,707	11,920
GWh sold										
Domestic	9.8	10.8	11.4	12.0	12.6	14.3	14.4	14.6	14.6	14.8
Commercial	4.2	4.6	5.2	6.2	7.1	8.2	7.7	7.8	8.2	8.5
Industrial	1.3	1.2	1.3	1.4	1.8	2.3	1.9	1.8	1.8	2.1
Other	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7
Total	15.6	16.8	18.2	19.8	21.9	25.2	24.7	24.7	25.3	26.1
Value sold (Rs.mn)										
Domestic	22.3	27.7	32.5	34.4	38.2	45.4	49.1	51.3	64.9	69.1
Commercial	13.7	18.4	24.6	29.3	34.1	40.3	43.1	46.8	64.4	70.6
Industrial	3.2	3.3	3.5	4.1	4.9	6.3	5.9	5.9	7.7	9.0
Other	0.7	0.8	1.0	1.1	1.6	2.2	2.9	3.2	4.6	4.7
Total	39.9	50.2	61.7	68.9	78.8	94.1	101.1	107.2	141.6	153.5
Average sales price (Rs./kWh)										
Domestic	2.27	2.56	2.85	2.88	3.02	3.18	3.40	3.52	4.43	4.68
Commercial	3.27	4.02	4.71	4.71	4.83	4.91	5.59	5.98	7.88	8.27
Industrial	2.47	2.77	2.75	2.90	2.71	2.74	3.11	3.34	4.30	4.27
Other	2.90	3.50	4.20	4.20	4.36	4.49	5.05	5.37	6.96	7.11
Average	2.57	2.98	3.40	3.47	3.60	3.73	4.10	4.33	5.61	5.88
Average no. of units per consumer (kWh)										
Domestic	1,137	1,243	1,274	1,309	1,352	1,477	1,446	1,422	1,406	1,395
Commercial	4,576	4,873	5,359	6,336	7,145	8,006	7,505	7,243	7,492	7,766
Industrial	10,180	8,242	6,902	8,727	10,539	12,474	10,169	9,292	9,016	10,036
Other	22,715	39,793	41,148	44,122	53,047	69,034	81,968	84,841	94,382	95,355
Average	1,605	1,716	1,794	1,930	2,083	2,323	2,199	2,148	2,158	2,191

1 Revised

2 Provisional

Source: Central Electricity Board



Section V

Water Statistics

Table 5.1 - Water balance for *Island of Mauritius* , 2005 - 2009

	Unit	2005	2006	2007	2008	2009
Rainfall	Mm ³	4,423	3,571	3,644	4,440	4,470
Surface Runoff	Mm ³	2,654	2,143	2,186	2,664	2,682
Evapotranspiration	Mm ³	1,327	1,071	1,093	1,332	1,341
Net Recharge to Groundwater	Mm ³	442	357	364	444	447

Source : Water Resources Unit, Ministry of Public Utilities

Table 5.2 - Main water indicators^{1/}, 2005 - 2009

Details	Unit	2005	2006	2007	2008	2009
Mid-year population	thousand	1,206	1,216	1,223	1,231	1,237
Mean annual rainfall						
<i>Island of Mauritius</i>	Millimetres	2,372	1,914	1,954	2,382	2,397
<i>Island of Rodrigues</i>	Millimetres	1,275	1,189	945	1,055	948
Potable water produced	Mm ³	195	187	205	209	220
Potable water consumed	Mm ³	94	94	95	94	98
Potable water produced per capita per day	litres	442	421	460	465	486
Potable water consumed per capita per day	litres	213	212	213	209	217
Consumption per capita per day for 'Domestic' tariffs	litres	167	158	167	163	166

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

Table 5.3 - Water utilisation in *Island of Mauritius* by source of water, 2008 & 2009

Mm³

Utilisation	2008 ¹				2009			
	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	72	107	214	36	76	111	223
Industrial from private boreholes	5	0	6	11	5	0	5	10
Agricultural irrigation	320	65	6	391	320	74	5	399
Hydropower	175	156	0	331	199	169	0	368
Total	535	293	119	947	560	319	121	1,000

¹ revised

Source : Water Resources Unit, Ministry of Public Utilities

Table 5.4 - Fresh water abstractions in *Island of Mauritius* for agricultural, domestic and industrial use by source, 2000 - 2009

Mm³

Source	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Surface water	536	515	524	552	512	541	528	518	497	511
<i>Reservoirs</i>	147	125	128	169	167	154	146	145	137	150
<i>Rivers and streams</i>	389	390	396	383	345	387	382	373	360	361
Ground water	145	145	148	148	150	150	154	112	119	121
Total	681	660	672	700	662	691	682	630	616	632

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 5.5 - 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 5.6 - Mean rainfall, 2005 - 2009 (Island of Mauritius)

Millimetres

Period	Long Term Mean (1971-2000)	2005		2006		2007		2008		2009		Long Term Mean (1971-2000)	2005		2006		2007		2008		2009	
		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	1494	111	1464	109	1095	82	1808	135	1696	126	2,557	2927	114	2200	86	2375	93	2593	101	2838	111
Jan	186	80	43	285	154	194	104	219	118	192	104	290	162	56	440	151	390	134	250	86	274	94
Feb	245	270	110	292	119	306	125	172	70	239	97	366	369	101	354	97	598	163	261	71	310	85
Mar	161	564	350	395	245	95	59	476	275	251	156	325	865	266	451	139	208	64	436	134	368	113
Apr	165	47	28	65	39	69	42	35	21	136	82	280	205	73	111	40	177	63	47	17	347	124
May	107	55	51	44	41	89	83	169	157	79	74	212	152	72	53	25	200	94	472	223	257	121
Jun	72	69	96	107	148	111	154	159	220	58	81	157	193	123	123	78	169	108	192	122	166	106
Jul	73	103	141	89	122	63	86	93	127	78	107	180	249	138	233	130	173	96	155	86	221	123
Aug	68	67	99	48	71	33	49	41	60	95	140	180	124	69	105	58	80	44	106	59	149	83
Sep	44	126	286	44	100	27	61	290	660	51	116	112	342	305	78	70	116	104	343	307	86	77
Oct	41	38	93	19	45	57	139	36	87	148	360	96	92	96	75	78	124	129	76	79	270	281
Nov	47	30	64	52	111	35	74	67	143	133	282	110	63	57	111	101	49	45	183	166	181	165
Dec	132	45	34	24	18	16	12	51	39	236	179	249	111	45	66	27	91	37	72	29	208	84
Year		East										West										
	2,065	2435	117	2646	127	2436	117	2540	122	3141	152	918	1079	122	740	84	1028	116	1104	120	1236	135
Jan	260	167	64	455	175	449	173	228	88	196	75	167	82	49	223	133	186	111	135	81	229	137
Feb	336	448	133	482	143	574	171	230	69	366	109	219	207	94	167	76	528	241	108	49	122	56
Mar	243	657	270	658	271	203	84	657	270	544	224	112	515	459	221	197	84	75	236	210	153	136
Apr	245	141	58	129	53	149	61	60	25	315	129	97	39	40	5	5	1	1	14	15	110	114
May	180	144	80	73	41	224	124	255	141	256	142	56	40	72	27	49	4	7	115	207	49	88
Jun	123	195	158	127	103	193	157	141	114	114	93	33	16	49	6	19	84	255	84	252	23	68
Jul	116	191	165	242	209	162	140	135	116	203	175	25	24	96	24	96	25	100	42	169	24	96
Aug	114	95	83	124	108	84	74	85	74	214	188	26	28	108	3	12	17	65	13	51	25	96
Sep	79	220	278	117	148	95	120	384	787	120	152	20	83	415	9	46	6	30	238	1190	16	79
Oct	74	58	78	83	111	148	200	62	84	326	440	18	14	77	0	0	40	222	13	70	199	1106
Nov	86	44	51	98	114	69	80	164	191	234	272	31	13	41	41	132	14	45	56	181	178	574
Dec	209	75	36	58	28	86	41	139	67	253	121	114	18	16	14	12	39	34	50	44	108	95

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall, 2005 - 2009 (Island of Mauritius) (cont'd)

Period	Long Term Mean (1971-2000)	Millimetres																				
		2005		2006		2007		2008		2009		Long Term Mean (1971-2000)	2005		2006		2007		2008		2009	
		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	3,319	119	2,433	87	2,744	98	3,256	117	2,991	107	2,006	2,372	118	1,914	95	1,954	97	2,382	118	2,397	119
Jan	354	180	51	443	125	503	142	307	87	384	99	261	148	57	372	142	347	133	241	92	259	99
Feb	464	557	120	357	77	844	182	375	81	355	84	336	407	121	331	99	572	170	251	75	281	84
Mar	337	961	285	563	167	228	68	649	192	441	145	242	727	300	459	189	165	68	508	209	352	145
Apr	293	153	52	100	34	181	62	76	26	250	103	221	117	52	83	37	119	53	53	24	233	103
May	210	190	91	66	32	170	81	390	186	241	112	159	126	79	53	33	139	87	299	188	178	112
Jun	163	185	114	124	76	151	93	231	142	108	84	115	139	121	100	87	142	123	165	144	96	84
Jul	181	257	142	279	154	180	99	230	127	218	126	120	174	145	177	147	123	103	135	113	152	126
Aug	192	175	91	113	59	94	49	102	53	164	107	122	106	87	80	66	63	52	72	59	130	107
Sep	126	348	276	109	86	102	81	435	345	89	90	81	233	288	72	89	71	88	348	429	73	90
Oct	102	102	100	99	97	151	148	99	97	298	353	70	64	91	56	80	105	150	61	87	247	353
Nov	105	84	80	117	111	56	53	191	182	202	230	80	48	60	85	106	45	56	152	190	184	230
Dec	263	127	48	63	24	84	32	171	65	241	107	199	83	42	46	23	63	32	97	49	212	107

Source: Mauritius Meteorological Services

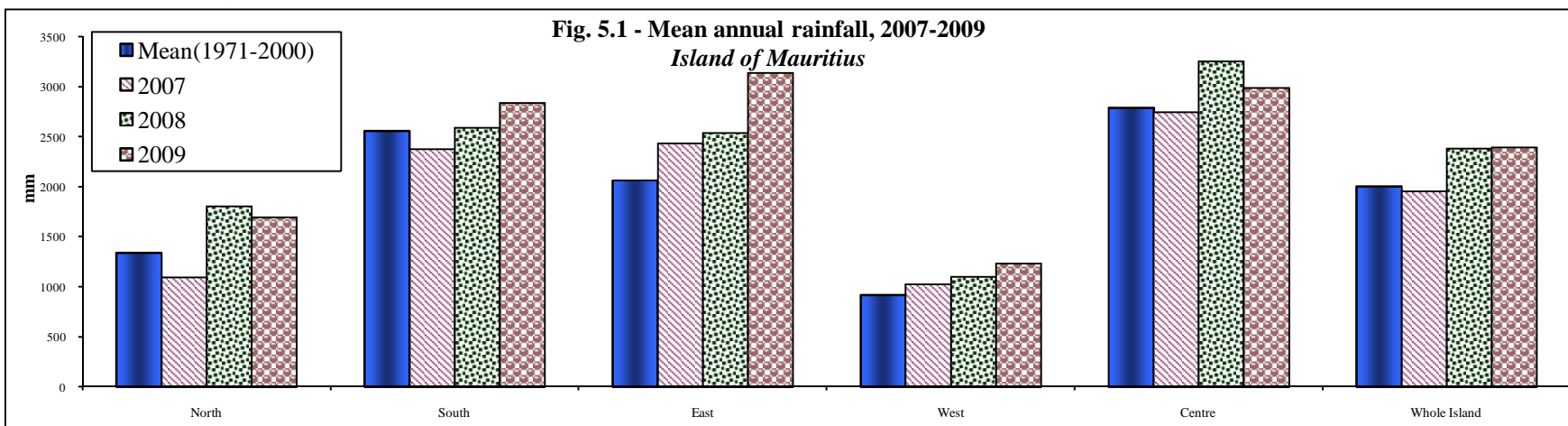


Table 5.7- Mean rainfall 2005 - 2009, *Island of Rodrigues*

		<i>Millimetres</i>																					
Period	Long Term Mean (1971-2000)	2005		2006		2007		2008		2009		Long Term Mean (1971-2000)	2005		2006		2007		2008		2009		
		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	1230	94	999	76	1027	78	1112	85	1132	86	946	1126	119	1064	112	920	70	1132	120	823	87
	Jan	39	68	39	39	23	111	64	119	69	84	48	122	66	54	48	40	158	131	111	91	38	31
	Feb	154	125	57	154	70	207	94	145	66	129	59	168	172	102	160	95	256	152	148	88	125	74
	Mar	201	142	95	201	134	81	54	60	40	112	75	125	212	170	418	334	78	62	88	70	73	58
	Apr	92	222	168	92	69	60	45	16	12	93	70	100	119	119	44	44	62	62	21	21	89	89
	May	63	115	136	63	74	53	63	243	288	165	195	72	129	179	40	55	39	57	117	161	160	222
	Jun	85	103	107	85	89	38	39	79	82	94	98	62	125	202	61	99	17	27	74	119	55	89
	Jul	185	131	133	185	188	99	100	126	127	132	134	53	94	176	137	256	67	126	119	223	107	200
	Aug	73	76	96	73	92	48	60	104	131	106	134	46	33	72	74	162	24	52	62	136	45	98
	Sep	48	111	195	48	84	61	107	60	105	89	156	32	87	272	20	62	36	112	45	141	66	207
	Oct	52	30	58	52	99	49	93	93	176	40	76	32	13	41	43	135	37	117	51	159	17	52
	Nov	5	65	77	5	6	8	10	0	0	24	29	64	43	67	11	17	9	14	214	334	18	29
Dec	2	42	50	2	2	212	253	67	79	64	76	70	33	47	8	11	137	195	82	117	30	43	
Year	Port Sud Est											Pte Canon											
		2,169	1620	159	1381	135	1231	120	1460	143	1220	119	1,105	1275	115	1189	108	945	92	1055	95	948	86
	Jan	155	103	66	39	25	147	95	186	120	103	66	150	68	45	43	29	73	49	134	89	69	46
	Feb	206	366	178	221	107	561	272	210	102	217	105	185	179	97	207	112	315	170	147	79	130	70
	Mar	128	340	266	546	427	103	80	101	79	124	97	131	143	109	377	288	54	41	77	59	103	79
	Apr	110	161	146	48	44	62	56	24	22	107	97	117	230	197	91	78	47	40	21	18	82	70
	May	59	124	210	55	93	47	80	256	434	145	246	78	105	135	67	86	35	44	157	201	122	156
	Jun	67	126	188	103	154	19	28	91	136	121	181	78	135	173	78	100	30	39	88	113	87	112
	Jul	57	110	193	202	354	89	156	71	125	144	253	81	130	160	159	196	75	93	41	51	106	131
	Aug	56	34	61	55	98	47	84	115	205	67	120	59	76	129	55	93	43	72	88	149	75	127
	Sep	34	163	479	21	62	37	109	59	174	70	206	44	96	218	29	66	46	104	50	114	65	148
	Oct	35	11	31	73	209	20	57	72	206	32	91	41	23	56	48	117	38	94	65	159	32	78
	Nov	50	21	42	11	22	1	2	179	358	29	58	70	43	61	12	17	7	10	134	191	32	46
Dec	65	61	94	7	11	98	151	96	148	61	94	71	47	66	23	32	182	256	53	75	45	63	

Source: Mauritius Meteorological Services

Table 5.7 - Mean rainfall 2005 - 2009, *Island of Rodrigues (cont'd)*

Millimetres

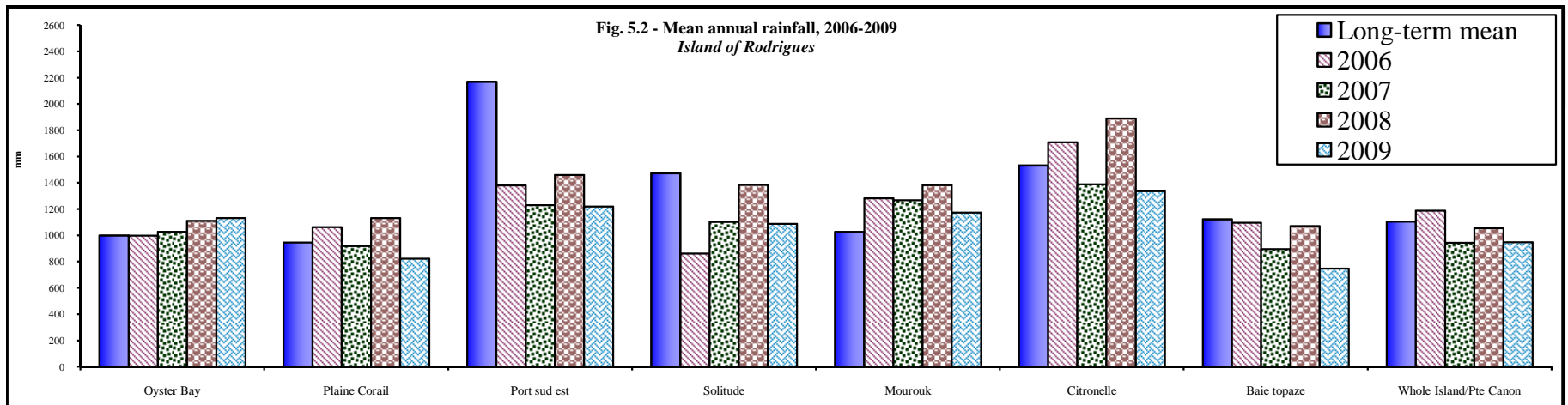
Period	Long Term Mean	2005		2006		2007		2008		2009		Long Term Mean	2005		2006		2007		2008		2009	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
		(1981-2000)											(1971-2000)									
		Mourouk											Solitude									
Year	1,028	1694	165	1283	125	1267	123	1382	134	1175	114	1,475	1363	92	863	59	1104	75	1385	841	1088	661
Jan	160	128	80	43	27	165	103	187	117	112	70	160	57	36	12	8	93	58	148	185	79	99
Feb	181	346	191	239	132	504	278	205	113	219	121	268	225	84	16	6	380	142	184	96	160	84
Mar	142	319	225	452	318	104	73	84	59	119	84	165	163	99	330	200	N/A		90	40	122	54
Apr	137	212	155	35	26	49	36	29	21	139	101	151	315	209	104	69	78	51	23	15	98	63
May	61	135	221	48	79	46	75	229	375	109	179	100	118	118	54	54	38	38	207	94	144	65
Jun	59	125	212	104	176	29	49	82	139	107	181	101	133	131	64	64	41	41	127	60	96	45
Jul	60	145	242	209	348	73	122	53	88	126	210	114	112	98	121	106	99	87	116	48	149	62
Aug	50	40	80	42	84	46	92	97	194	50	100	93	60	64	76	81	64	69	103	129	76	95
Sep	31	148	477	25	81	73	235	77	248	70	226	65	145	223	35	53	49	76	73	15	84	18
Oct	35	18	51	57	163	18	51	48	137	31	89	62	11	17	45	72	53	86	88	171	45	88
Nov	59	30	51	25	42	2	3	180	305	35	59	93	25	27	...		4	4	137	269	35	69
Dec	53	48	91	4	8	158	298	111	209	58	109	103	...		8	7	205	199	89	98	57	63
		Citronelle											Baie Topaze									
Year	1,532	2319	151	1708	111	1389	91	1891	123	1338	87	1,123	754	67	1097	98	896	80	1071	95	747	67
Jan	183	90	49	16	9	113	62	189	103	125	68	173	57	33	44	25	124	72	89	51	44	25
Feb	236	329	139	343	145	399	169	214	91	200	85	192	129	67	112	58	269	140	171	89	74	39
Mar	171	176	103	450	263	110	64	105	61	143	84	153	160	105	463	303	62	41	77	50	50	33
Apr	170	354	208	169	99	82	48	35	21	114	67	114	49	43	46	40	69	61	19	17	76	67
May	99	243	245	29	29	58	59	223	225	173	175	61	68	111	25	41	29	48	111	182	155	254
Jun	104	291	280	144	138	61	59	186	179	16	15	79	51	65	71	90	18	23	63	80	65	82
Jul	118	238	202	214	181	111	94	151	128	186	158	61	41	67	166	272	70	115	90	148	114	187
Aug	103	126	122	98	95	84	82	139	135	116	113	66	61	92	79	120	27	41	73	111	64	97
Sep	75	277	369	91	121	70	93	114	152	98	131	39	25	64	22	56	44	113	68	174	70	179
Oct	76	49	64	127	167	75	99	102	134	52	68	49	25	51	48	98	27	55	53	108	21	43
Nov	115	143	124	9	8	16	14	281	244	47	41	81	88	109	3	4	2	2	193	238	14	17
Dec	82	3	4	18	22	210	256	152	185	68	83	55	0	0	18	33	155	282	64	116	40	73

Source: Mauritius Meteorological Services

Table 5.7 - Mean rainfall 2005 - 2009, Island of Rodrigues (cont'd)

Period	Long Term Mean (1981-2000)	2007		2008		2009		Long Term Mean (1961-1990)	2005		2006		2007		2008		2009	
		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
		Marechal ^{1/}								Whole Island								
Year	1,320	1,607	122	1,742	132	1,353	103	1,105	1,275	115	1,189	108	945	86	1,055	95	948	86
Jan	156	215	138	122	78	74	47	150	68	45	43	29	73	49	134	89	69	46
Feb	213	442	208	287	135	187	88	185	179	97	207	112	315	170	147	79	130	70
Mar	152	77	51	0	0	125	82	131	143	109	377	288	54	41	77	59	103	79
Apr	152	197	130	46	30	76	50	117	230	197	91	78	47	21	18	82	70	
May	99	62	63	186	188	200	202	78	105	135	67	86	35	45	157	201	122	156
Jun	96	25	26	135	141	109	114	78	135	173	78	100	30	38	88	113	87	112
Jul	92	120	130	154	167	232	252	81	130	160	159	196	75	93	41	51	106	131
Aug	80	36	45	124	155	107	134	59	76	129	55	93	43	73	88	149	75	127
Sep	53	99	187	125	236	104	196	44	96	218	29	66	46	105	50	114	65	148
Oct	55	81	147	72	131	36	65	41	23	56	48	117	38	93	65	159	32	78
Nov	89	4	4	323	363	43	48	70	43	61	12	17	7	10	134	191	32	46
Dec	83	249	300	168	202	60	72	71	47	66	23	32	182	256	53	75	45	63

1/ Marechal became operational anew in 2007



Note: 'Long-term mean' refers to: 1971-2000 for Oyster Bay, Plaine Corail, Port Sud Est, Solitude and Pte Canon (mean for the Island);

1981-2000 for Mourouk and St Gabriel;

1982-2000 for Citronelle and Baie Topaze;

1993-2000 for Baie Topaze.

Table 5.8- Percentage of water level by month and reservoir, 2005 - 2009 (*Island of Mauritius*)

Period	Average for 1990-1999 (%)	2005			2006			2007			2008			2009		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
Mare aux Vacoas (Capacity 25.89 Mm³)																
Jan	60	53	50	56	72	69	77	44	42	54	37	34	40	67	64	69
Feb	65	56	50	61	74	69	79	64	55	98	42	36	50	69	65	71
Mar	80	78	60	100	92	79	96	99	98	100	58	48	78	76	70	81
Apr	83	97	95	98	92	88	96	95	93	98	74	70	78	82	78	86
May	83	93	92	95	82	76	88	92	90	95	74	65	83	88	84	93
Jun	81	93	92	94	71	68	76	91	88	93	86	84	88	89	86	92
Jul	79	96	91	98	71	67	77	87	86	88	86	83	88	85	83	88
Aug	80	95	93	96	76	74	78	82	77	86	86	82	89	90	88	91
Sep	78	95	93	98	71	68	74	72	67	77	85	79	93	84	79	89
Oct	72	96	92	99	65	61	68	64	61	67	90	85	93	75	70	79
Nov	63	86	80	91	59	57	61	55	50	61	78	72	84	78	76	80
Dec	58	75	69	80	52	46	58	45	40	49	69	65	74	72	66	76
La Nicoliere (Capacity 5.26 Mm³)																
Jan	63	82	66	93	64	44	77	63	47	87	55	40	63	98	89	100
Feb	75	88	61	100	92	80	100	99	90	100	75	47	100	100	99	100
Mar	91	100	95	100	100	100	100	100	100	100	99	94	100	100	100	100
Apr	92	92	81	100	99	87	100	84	75	100	81	47	100	100	100	100
May	95	76	68	83	66	55	87	74	57	88	54	36	89	100	98	100
Jun	94	71	58	85	71	57	82	85	62	98	100	92	100	97	92	100
Jul	93	82	75	88	58	40	79	71	61	84	100	99	100	74	64	91
Aug	94	71	65	77	63	45	76	69	59	73	100	96	100	99	89	100
Sep	89	82	66	94	31	23	46	67	63	72	92	81	100	94	77	100
Oct	69	71	65	77	48	27	67	71	63	82	97	82	100	73	64	96
Nov	46	75	52	81	68	63	72	58	46	73	68	64	80	98	89	100
Dec	39	43	37	53	55	47	63	45	42	54	80	70	87	70	59	93
Piton du Milieu (Capacity 2.99 Mm³)																
Jan	64	74	70	75	75	56	99	69	63	97	47	44	49	94	76	100
Feb	72	85	69	100	99	95	100	100	99	100	73	52	100	100	99	100
Mar	88	100	99	100	100	99	100	99	98	100	100	98	100	99	99	100
Apr	89	98	93	100	96	92	99	97	95	99	97	92	100	99	99	100
May	91	89	85	93	81	72	91	98	94	99	93	84	100	98	97	100
Jun	86	85	83	86	64	57	71	98	95	100	99	99	100	94	89	98
Jul	83	95	85	100	61	54	76	91	89	95	97	94	100	85	81	89
Aug	83	94	89	98	83	76	86	87	82	91	96	90	100	97	90	99
Sep	81	96	89	100	88	86	89	75	71	82	92	83	100	93	85	98
Oct	73	96	88	99	83	80	87	69	68	71	96	89	99	79	73	85
Nov	60	79	71	88	79	74	82	66	62	69	80	72	89	90	85	94
Dec	57	64	56	70	74	67	80	54	48	62	81	76	85	88	81	93

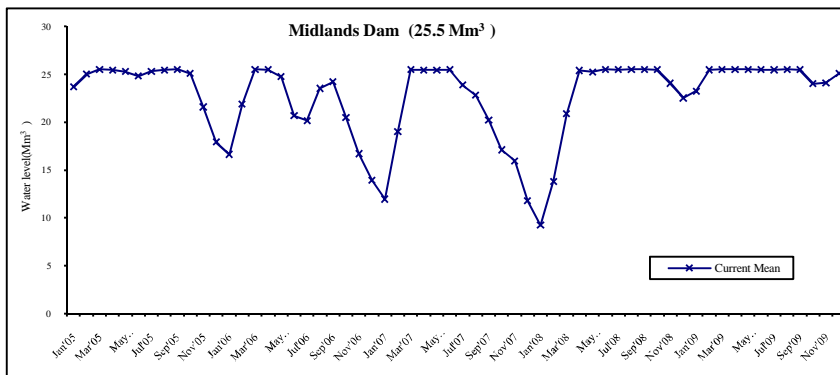
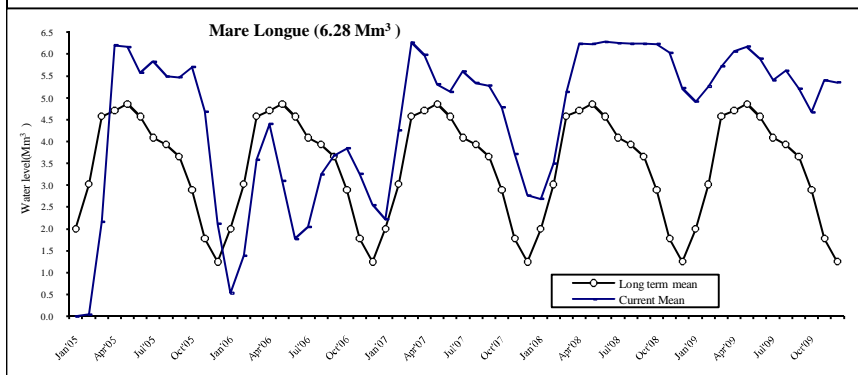
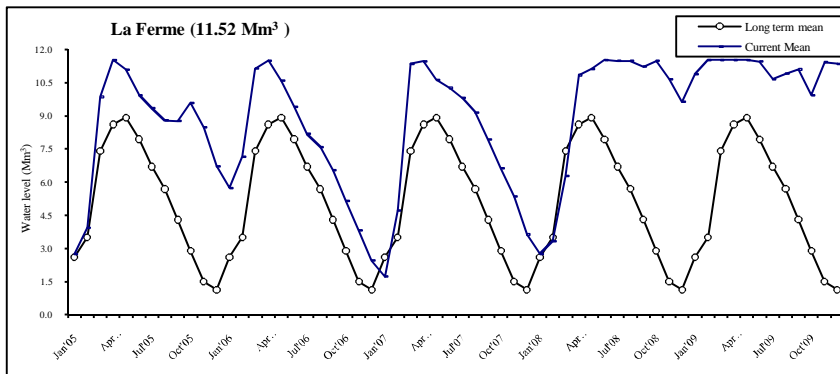
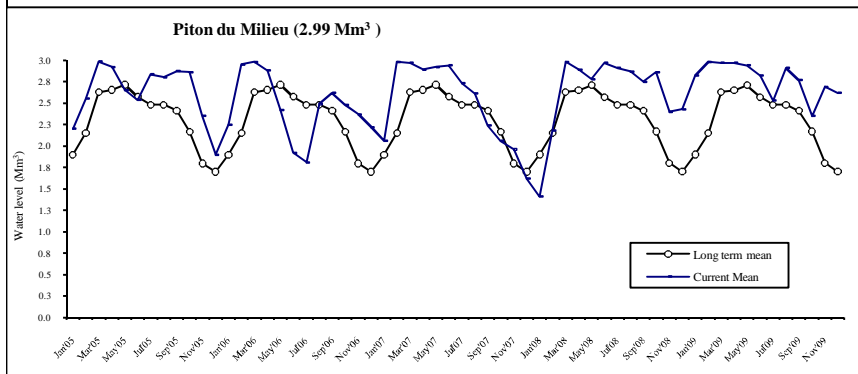
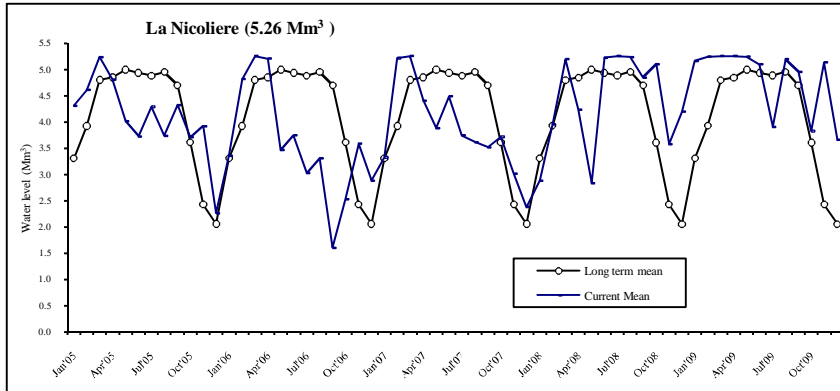
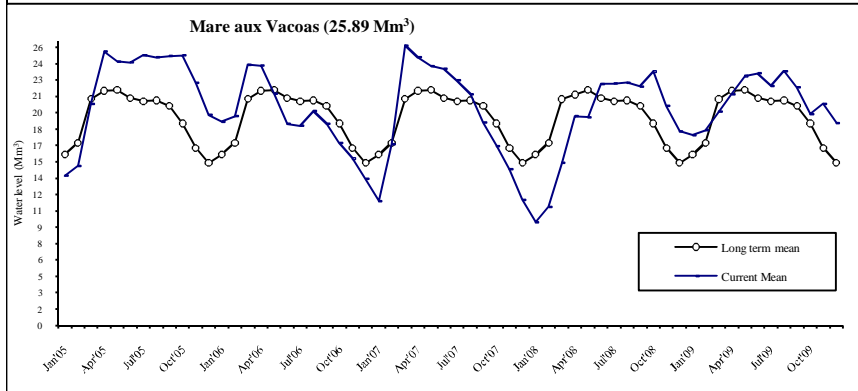
Source : Water Resources Unit, Ministry of Public Utilities

Table 5.8 - Percentage of water level by month and reservoir, 2005 - 2009 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2005			2006			2007			2008			2009			
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	
La Ferme (Capacity 11.52 Mm³)																	
Jan	23	24	22	25	50	43	56	15	13	22	24	21	26	94	81	100	
Feb	30	34	21	51	62	55	80	41	24	82	29	22	41	100	100	100	
Mar	64	86	52	100	97	80	100	99	85	100	54	42	81	100	100	100	
Apr	75	100	100	100	100	99	100	100	98	100	94	83	98	100	100	100	
May	77	96	91	100	92	86	98	92	88	97	97	91	100	100	100	100	
Jun	69	86	82	90	82	76	86	89	86	92	100	100	100	99	98	100	
Jul	58	81	80	82	71	69	76	85	83	88	100	99	100	93	89	97	
Aug	49	76	72	80	66	61	71	79	75	83	100	98	100	95	90	99	
Sep	37	76	72	82	57	52	61	69	64	75	97	93	100	96	93	99	
Oct	25	83	81	85	45	39	52	58	53	63	100	98	100	86	81	92	
Nov	13	74	66	81	33	29	39	46	39	53	92	87	98	99	90	100	
Dec	10	58	50	66	21	15	29	32	25	39	84	80	88	99	94	100	
Mare Longue (Capacity 6.28 Mm³)																	
Jan	32	0	0	0	9	0	17	35	32	51	43	41	45	78	77	79	
Feb	48	1	0	4	22	14	33	68	52	100	56	46	69	84	77	88	
Mar	73	34	4	94	57	32	71	100	99	100	82	69	100	91	86	97	
Apr	75	99	94	100	70	62	74	95	91	99	99	99	100	97	94	100	
May	77	98	94	100	49	37	62	85	81	91	99	98	100	98	96	99	
Jun	73	89	86	94	28	24	37	82	78	85	100	100	100	94	89	99	
Jul	65	93	88	95	33	25	45	89	85	93	100	99	100	86	84	89	
Aug	63	87	83	92	52	47	56	85	83	90	99	99	100	89	88	91	
Sep	58	87	83	93	59	56	60	84	83	85	99	99	100	83	78	87	
Oct	46	91	86	93	61	57	64	76	66	83	99	98	100	74	69	81	
Nov	28	75	59	86	52	47	56	59	52	66	96	90	98	86	82	89	
Dec	20	34	12	57	41	32	50	44	41	51	83	78	91	85	74	92	
All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³)																	
Jan	49	44	41	47	59	52	65	40	37	52	37	34	39	79	73	82	
Feb	56	50	40	58	68	62	77	63	16	95	46	36	58	83	80	84	
Mar	77	76	38	98	90	77	95	99	95	100	66	58	85	87	83	90	
Apr	82	97	95	99	92	88	94	95	93	99	84	78	86	91	88	93	
May	83	93	91	95	79	72	87	90	86	94	81	73	90	94	91	97	
Jun	79	88	87	91	68	65	71	89	86	91	93	91	94	93	90	96	
Jul	75	91	87	92	64	60	71	85	84	87	93	91	94	86	83	89	
Aug	73	87	84	90	70	67	73	81	77	83	93	89	94	92	89	93	
Sep	68	89	84	93	63	60	67	72	68	77	90	85	96	88	82	92	
Oct	58	90	87	93	59	57	60	65	62	68	94	89	96	77	72	83	
Nov	46	80	71	86	55	52	57	55	48	61	82	77	89	87	84	88	
Dec	41	62	55	70	45	39	52	42	39	48	76	73	79	80	74	86	
Midlands Dam (Capacity 25.5 Mm³)																	
Jan	Impounding of reservoir started on 13 September 2002	93	91	94	65	59	76	47	43	63	36	33	39	91	81	98	
Feb		98	94	100	86	76	100	75	64	100	54	42	69	100	99	100	
Mar		100	100	100	100	100	100	100	99	100	82	70	100	100	100	100	
Apr		100	99	100	100	100	100	100	99	100	100	99	100	100	100	100	
May		99	96	100	97	91	100	100	99	100	99	96	100	100	100	100	
Jun		97	94	99	81	73	90	100	99	100	100	100	100	100	100	100	
Jul		99	96	100	79	74	88	94	91	99	100	100	100	100	100	99	100
Aug		100	99	100	92	89	94	90	85	94	100	100	100	100	100	100	100
Sep		100	100	100	95	90	97	79	73	85	100	100	100	100	100	100	100
Oct		98	93	100	80	71	89	67	64	73	100	100	100	94	89	100	100
Nov		85	80	92	66	63	71	63	56	66	94	87	100	95	92	97	97
Dec		70	59	80	55	46	63	46	36	56	88	82	96	98	95	100	100

Source : Water Resources Unit, Ministry of Public Utilities

Fig. 5.3 - Water level in each reservoir for 2005 - 2009 (Island of Mauritius)



Note: Impounding of Midlands Dam started in September 2002

Table 5.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2005 - 2009 (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																							
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%	
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%	

Source: Central Water Authority

Table 5.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2005 - 2009 (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	
	Mm³																							
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%	
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 5.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2005 - 2009 (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
2009	42.4	6.3	48.9	-	30.5	30.5	21.7	12.6	34.3	25.0	25.7	50.7	9.7	16.0	25.7	10.2	19.3	29.5	109.2	110.4	219.6	50%	50%
Jan	3.6	0.6	4.4	-	2.7	2.7	1.7	1.1	2.8	2.1	2.1	4.2	0.8	1.4	2.2	0.8	1.5	2.3	9.2	9.4	18.6	49%	51%
Feb	3.4	0.5	3.9	-	2.3	2.3	1.7	1.0	2.7	1.9	1.9	3.8	0.8	1.2	2.0	0.8	1.4	2.2	8.6	8.3	16.9	51%	49%
Mar	3.8	0.6	4.4	-	2.6	2.6	1.8	1.1	2.9	2.1	2.2	4.3	0.8	1.4	2.2	0.8	1.6	2.4	9.3	9.5	18.8	49%	51%
Apr	3.7	0.5	4.2	-	2.5	2.5	1.9	1.1	3.0	2.1	2.2	4.3	0.8	1.3	2.1	0.8	1.5	2.3	9.3	9.1	18.4	51%	49%
May	3.5	0.6	4.1	-	2.6	2.6	1.9	1.0	2.9	2.2	2.3	4.5	0.9	1.4	2.3	0.9	1.6	2.5	9.4	9.5	18.9	50%	50%
Jun	3.4	0.5	3.9	-	2.6	2.6	1.7	0.9	2.6	2.1	2.2	4.3	0.8	1.3	2.1	0.8	1.6	2.4	8.8	9.1	17.9	49%	51%
Jul	3.6	0.5	4.1	-	2.5	2.5	1.8	1.0	2.8	2.1	2.2	4.3	0.8	1.4	2.2	0.8	1.6	2.4	9.1	9.2	18.3	50%	50%
Aug	3.6	0.5	4.1	-	2.6	2.6	1.9	1.0	2.9	2.1	2.3	4.4	0.8	1.4	2.2	0.9	1.7	2.6	9.3	9.5	18.8	49%	51%
Sep	3.5	0.5	4.0	-	2.5	2.5	1.8	0.9	2.7	2.0	2.1	4.1	0.8	1.2	2.0	0.9	1.7	2.6	9.0	8.9	17.9	50%	50%
Oct	3.4	0.5	3.9	-	2.5	2.5	1.9	1.0	2.9	2.1	2.1	4.2	0.8	1.3	2.1	0.9	1.7	2.6	9.1	9.1	18.2	50%	50%
Nov	3.3	0.5	3.8	-	2.5	2.5	1.8	1.3	3.1	2.0	2.0	4.0	0.8	1.3	2.1	0.9	1.7	2.6	8.8	9.3	18.1	49%	51%
Dec	3.6	0.5	4.1	-	2.6	2.6	1.8	1.2	3.0	2.2	2.1	4.3	0.8	1.4	2.2	0.9	1.7	2.6	9.3	9.5	18.8	49%	51%

Source: Central Water Authority

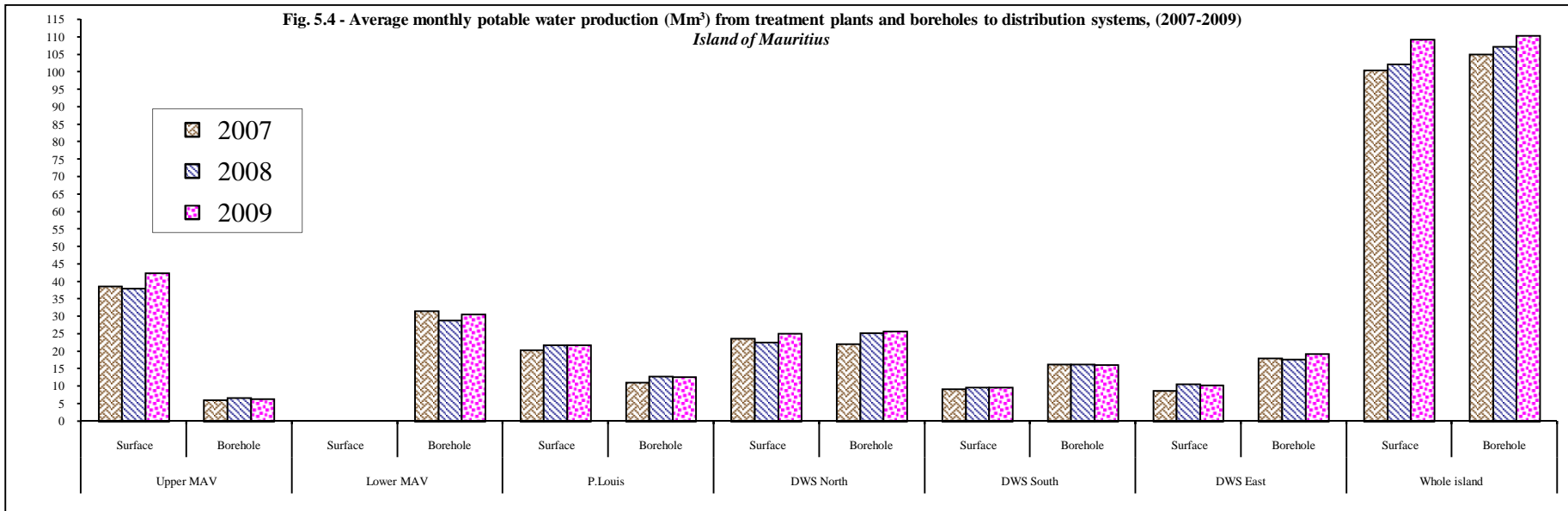


Table 5.10 - Water sales by type of tariff of subscriber, 2004 - 2009 (Island of Mauritius)

Type of tariff	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	No. of subscribers					% distribution of subscribers				
Domestic	265,763	272,269	278,625	284,592	292,294	93.9	93.8	93.4	93.3	93.0
Government	3,708	3,763	3,879	4,053	4,184	1.3	1.3	1.3	1.3	1.3
Acquired / concessionary prizes	45	45	43	44	43	0.0	0.0	0.0	0.0	0.0
Commercial	9,823	10,102	11,260	11,855	12,822	3.5	3.5	3.8	3.9	4.1
Hotels, Guest Houses	197	206	224	264	280	0.1	0.1	0.1	0.1	0.1
Industrial	741	736	744	716	697	0.3	0.3	0.2	0.2	0.2
Ship	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0
Sub total	280,278	287,122	294,776	301,525	310,321	99.0	98.9	98.9	98.8	98.8
Vegetable & Livestock producers	2,632	2,871	3,129	3,281	3,611	0.9	1.0	1.0	1.1	1.1
Total potable water	282,910	289,993	297,905	304,806	313,932	99.9	99.9	99.9	99.9	99.9
Total non-treated water (Agriculture/Industrial)	267	276	278	286	294	0.1	0.1	0.1	0.1	0.1
Grand Total	283,177	290,269	298,183	305,092	314,226	100.0	100.0	100.0	100.0	100.0
	Volume sold (thousand m ³)					% Consumption				
Domestic	73,055	73,158	73,007	72,093	75,119	67.8	67.3	66.0	66.2	68.1
Government	4,632	4,631	4,686	4,788	4,956	4.3	4.3	4.2	4.4	4.5
Acquired / concessionary prizes	19	17	16	15	14	0.0	0.0	0.0	0.0	0.0
Commercial	5,790	5,987	6,743	7,086	7,543	5.4	5.5	6.1	6.5	6.8
Hotels, Guest Houses	4,080	4,267	4,429	4,595	4,652	3.8	3.9	4.0	4.2	4.2
Industrial	4,770	4,712	4,827	3,995	4,055	4.4	4.3	4.4	3.7	3.7
Ship	42	51	38	50	52	0.0	0.0	0.0	0.0	0.0
Sub total	92,387	92,823	93,746	92,622	96,392	85.6	85.4	84.7	85.1	87.4
Vegetable & Livestock producers	1,322	1,433	1,421	1,403	1,455	1.2	1.3	1.3	1.3	1.3
Total potable water	93,708	94,256	95,167	94,025	97,847	86.9	86.7	86.0	86.4	88.7
Total non-treated water (Agriculture/Industrial)	14,161	14,412	15,490	14,799	12,419	13.1	13.3	14.0	13.6	11.3
Grand Total	107,869	108,668	110,657	108,824	110,266	100.0	100.0	100.0	100.0	100.0
	Amount collectible Rs.(000)					Average sales price (Rs/m ³)				
Domestic	523,112	551,036	549,907	509,134	536,537	7.16	7.53	7.53	7.06	7.14
Government	77,890	82,060	84,235	85,883	88,736	16.82	17.72	17.98	17.94	17.91
Acquired / concessionary prizes	125	123	117	87	73	6.73	7.16	7.31	5.87	5.04
Commercial	95,712	101,014	115,157	120,113	127,860	16.53	16.87	17.08	16.95	16.95
Hotels, Guest Houses	119,215	124,867	129,650	134,117	135,515	29.22	29.26	29.27	29.19	29.13
Industrial	71,797	71,250	72,998	59,782	60,900	15.05	15.12	15.12	14.96	15.02
Ship	1,183	1,359	1,070	1,399	1,469	27.99	26.89	28.00	28.00	28.00
Sub total	889,034	931,709	953,134	910,515	951,088	9.62	10.04	10.17	9.83	9.87
Vegetable & Livestock producers	10,109	11,176	11,282	11,024	11,735	7.65	7.80	7.94	7.86	8.06
Total potable water	899,143	942,885	964,416	921,539	962,823	9.60	10.00	10.13	9.80	9.84
Total non-treated water (Agriculture/Industrial)	36,565	38,224	41,120	40,316	35,985	2.58	2.65	2.65	2.72	2.90
Grand Total	935,709	981,109	1,005,536	961,855	998,808	8.67	9.03	9.09	8.84	9.06

Source: Central Water Authority

Fig. 5.5 - Percentage of water sold by type of tariff, 2009

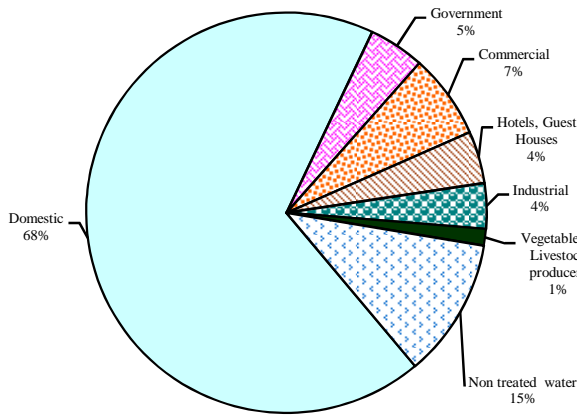


Fig. 5.6 - Percentage of amount collectible by type of tariff, 2009

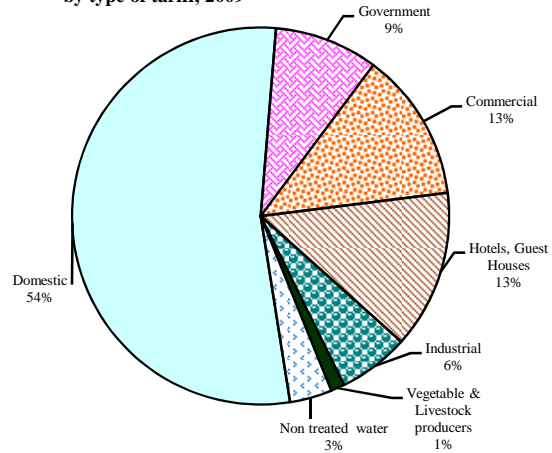
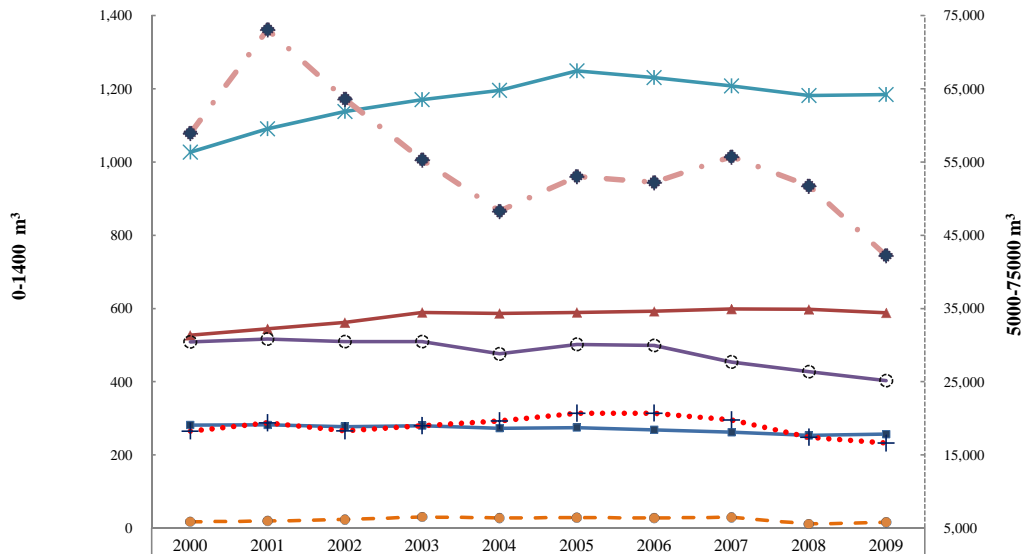
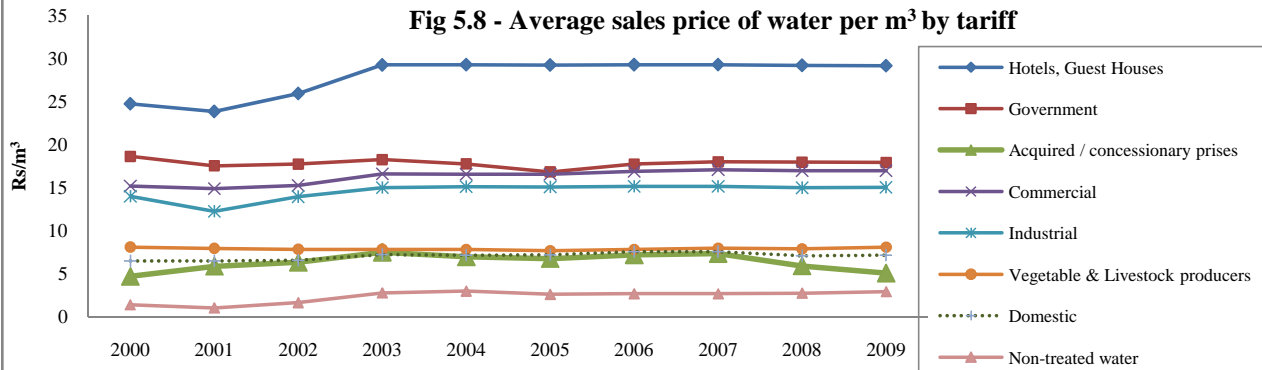


Fig 5.7 - Average water consumption by tariff (m³)



Domestic	282	282	277	280	273	275	269	262	253	257
Commercial	527	545	562	589	587	589	593	599	598	588
Vegetable & Livestock producers	509	517	509	510	476	502	499	454	427	403
Government	1,027	1,091	1,138	1,170	1,195	1,249	1,231	1,208	1,181	1,184
Industrial	5,886	5,991	6,171	6,546	6,400	6,437	6,402	6,488	5,580	5,818
Hotels, Guest Houses	18,265	19,380	18,285	18,978	19,650	20,709	20,714	19,772	17,406	16,613
Non-treated water	58,938	73,086	63,607	55,310	48,288	53,038	52,217	55,719	51,746	42,240

Fig 5.8 - Average sales price of water per m³ by tariff



Section VI
Energy and Water data from
Census & Surveys

**Table 6.1 - 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 6.2 - 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 %)

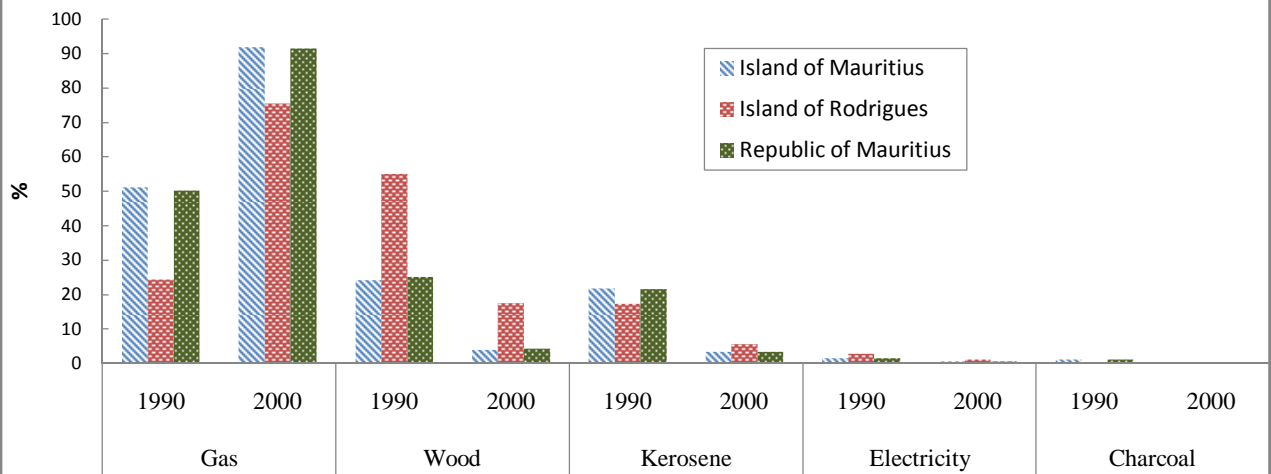
Fig. 6.1 - Percentage distribution of principal fuel used for cooking, Housing and Population Census 1990 & 2000

Table 6.3 - Private households by geographical location of residence and principal fuel used for heating bath-water¹ - Housing and Population Census 2000

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

¹ The water need not be heated in the bathroom

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

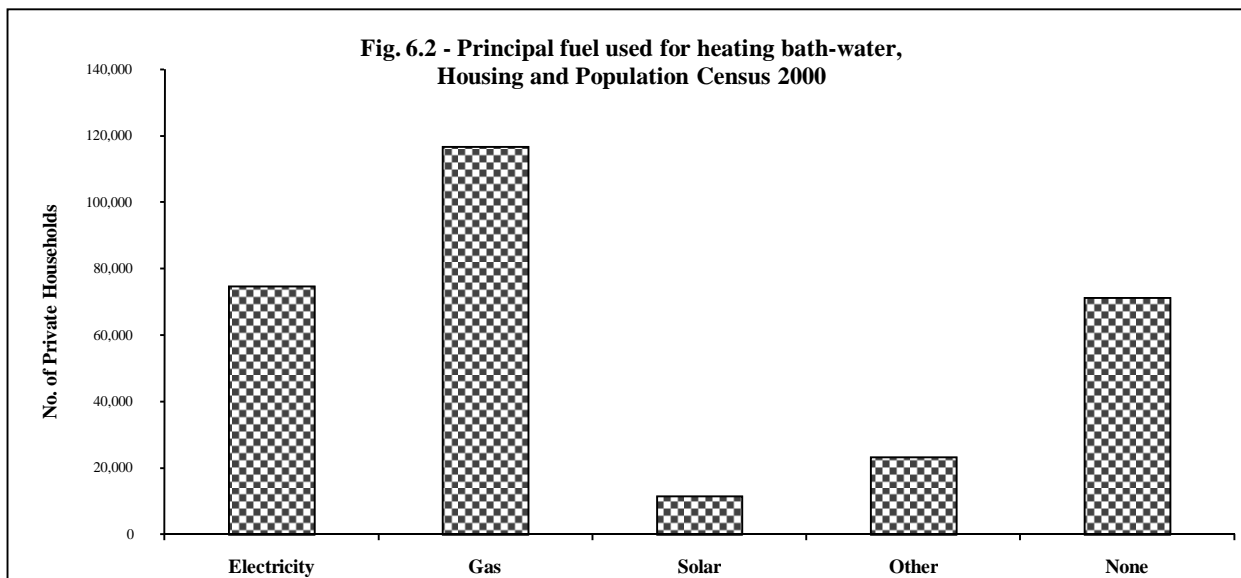
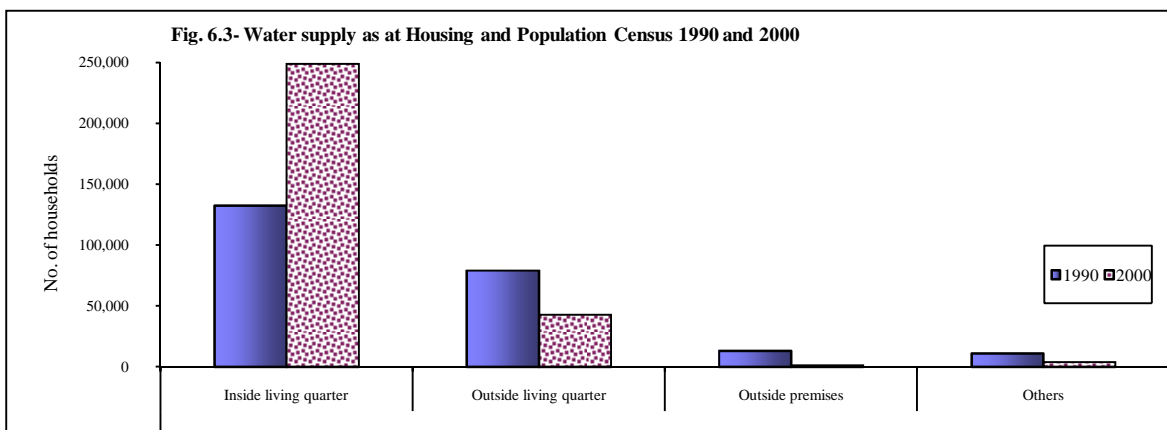


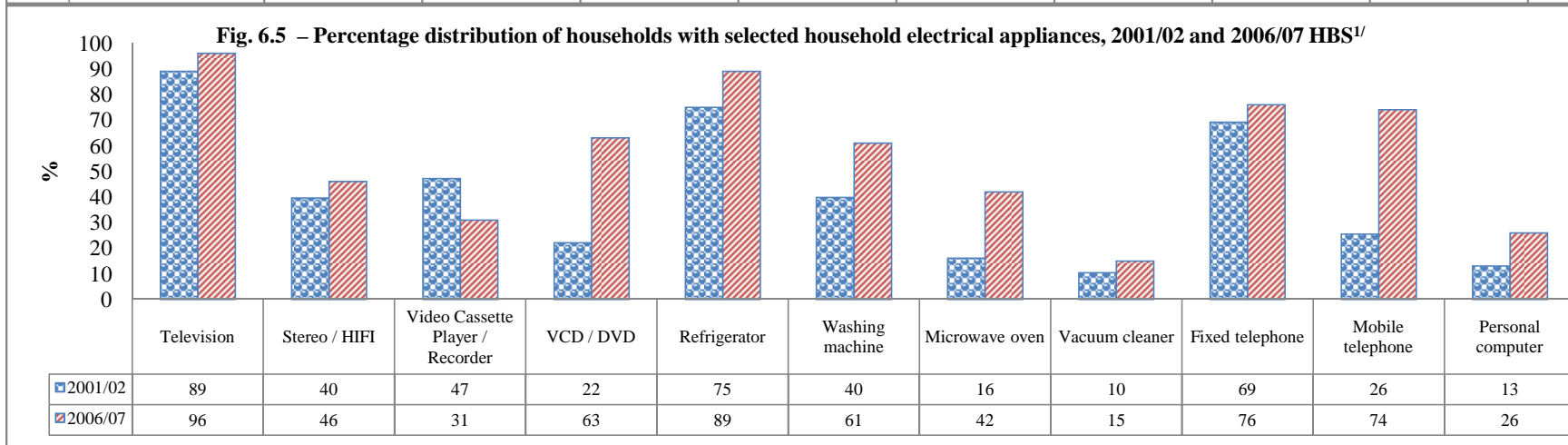
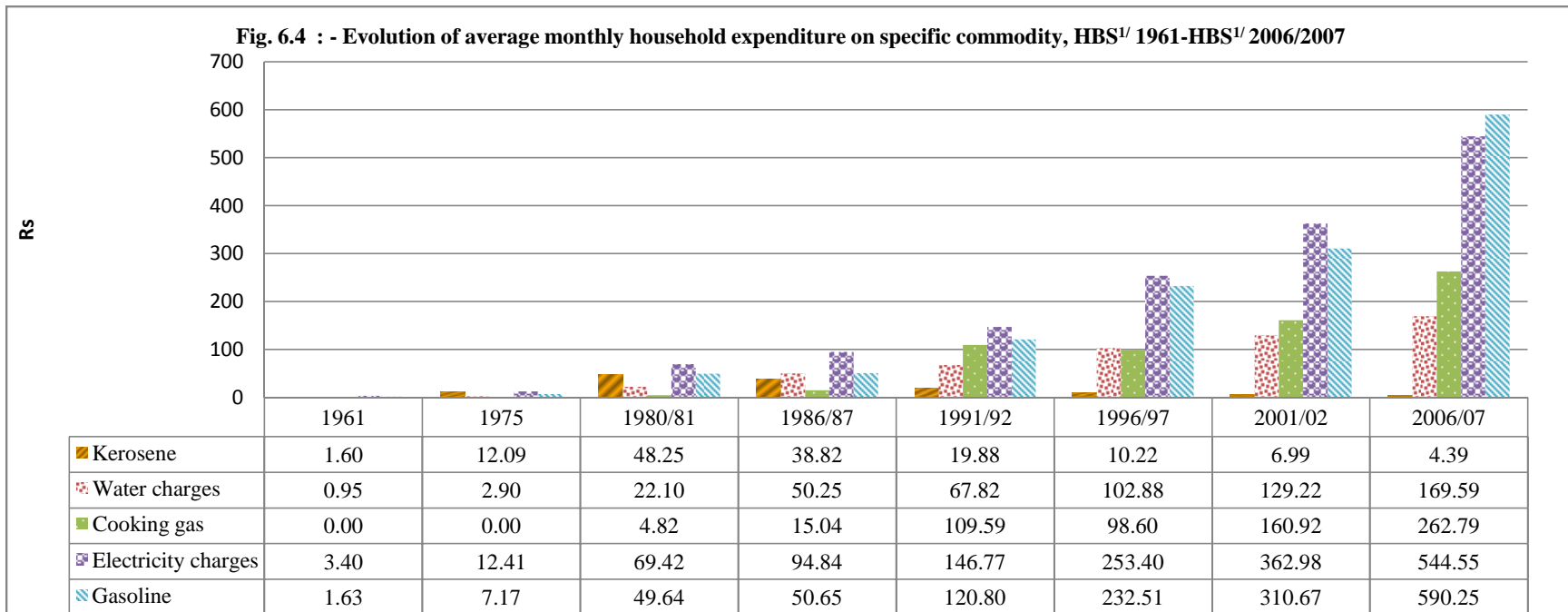
Table 6.4 - Private households by geographical location of residence and type of water supply - 1990 & 2000

Geographical location	Water supply							Total
	Piped water			Tank wagon	Well/river	Other	Not stated	
	Inside living quarter	Outside living	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%)



**Table 6.5 - Private households by geographical location of residence and availability of water tank and connection to sewerage system
- Housing and Population Census 2000**

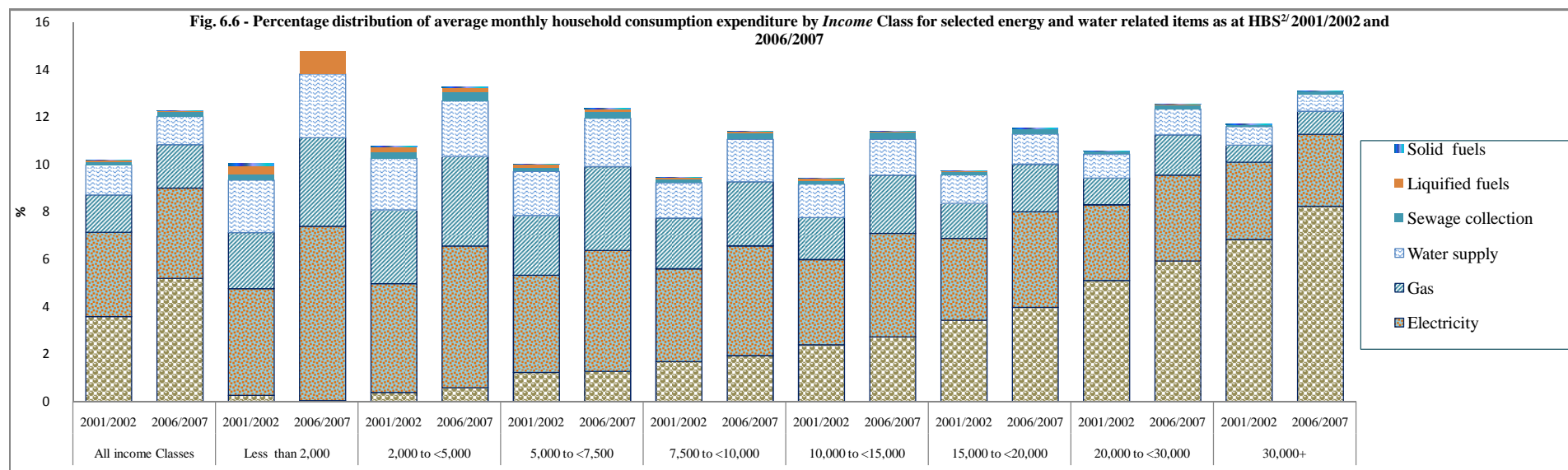
Geographical location	Availability of domestic water tank/reservoir				Connection to Sewerage system	
	Available	Not Available	Not stated	Total	Connected	Not connected
Island of Mauritius						
Port Louis	8,990	23,758	5	32,753	25,042	7,711
Pamplemousses	10,492	19,392	2	29,886	636	29,250
Riviere du Rempart	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>



1/ Household budget survey

Table 6.6 - Distribution of average monthly household consumption expenditure by *Income Class* for selected energy and water related items as at HBS^{1/} 2001/2002 and 2006/2007

Classification of individual consumption according to purpose (COICOP)	Income Class																	
	All income Classes		Less than 2,000		2,000 to <5,000		5,000 to <7,500		7,500 to <10,000		10,000 to <15,000		15,000 to <20,000		20,000 to <30,000		30,000+	
	2001/2002	2006/2007	2001/2003	2006/2008	2001/2004	2006/2009	2001/2005	2006/2010	2001/2006	2006/2011	2001/2007	2006/2012	2001/2008	2006/2013	2001/2009	2006/2014	2001/2002	2006/2007
	<i>Rupees</i>																	
Water supply	129.95	169.59	64.09	107.23	81.92	101.29	106.69	126.38	110.37	149.61	134.80	159.13	149.56	174.00	163.74	197.71	188.56	219.96
Sewage collection	12.10	28.55	7.05	0.00	9.05	15.34	9.14	16.55	9.12	22.05	12.60	29.39	15.48	28.28	15.69	32.90	16.28	40.75
Electricity	363.64	544.55	130.66	293.69	172.30	258.19	234.55	315.06	289.04	386.74	342.06	461.23	430.41	552.20	515.08	655.79	789.22	931.41
Gas	160.92	262.79	68.43	149.11	116.49	163.14	143.71	219.07	157.67	225.94	168.07	260.57	185.22	274.47	181.84	307.71	174.59	299.28
Liquified fuels	8.17	5.11	10.81	37.83	8.97	8.66	8.31	7.04	6.92	5.75	11.20	6.54	6.15	3.92	4.46	3.62	8.95	2.25
Solid fuels	1.01	1.76	2.55	0.00	0.94	1.78	0.69	1.83	1.56	0.95	0.66	0.68	1.12	2.77	0.57	1.46	1.84	3.40
Fuels and lubricants for personal transport equipment	366.47	743.80	7.52	1.36	14.33	25.17	70.52	78.86	124.23	161.51	227.55	288.66	427.97	544.02	823.76	1,075.17	1,657.98	2,529.55
Other class 4	331.62	483.92	78.54	78.94	108.99	164.19	152.91	231.89	200.45	315.91	291.88	360.75	398.03	450.62	612.86	665.36	884.62	929.91
All purposes	10,220.25	14,300.26	2,898.23	3,987.70	3,749.48	4,317.14	5,717.74	6,181.31	7,374.49	8,343.76	9,503.82	10,570.38	12,468.58	13,683.83	16,121.20	18,114.97	24,231.00	30,690.76
	<i>Percentage of total consumption for all households</i>																	
Water supply	1.27	1.19	2.21	2.69	2.18	2.35	1.87	2.04	1.50	1.79	1.42	1.51	1.20	1.27	1.02	1.09	0.78	0.72
Sewage collection	0.12	0.20	0.24	0.00	0.24	0.36	0.16	0.27	0.12	0.26	0.13	0.28	0.12	0.21	0.10	0.18	0.07	0.13
Electricity	3.56	3.81	4.51	7.36	4.60	5.98	4.10	5.10	3.92	4.64	3.60	4.36	3.45	4.04	3.20	3.62	3.26	3.03
Gas	1.57	1.84	2.36	3.74	3.11	3.78	2.51	3.54	2.14	2.71	1.77	2.47	1.49	2.01	1.13	1.70	0.72	0.98
Liquified fuels	0.08	0.04	0.37	0.95	0.24	0.20	0.15	0.11	0.09	0.07	0.12	0.06	0.05	0.03	0.03	0.02	0.04	0.01
Solid fuels	0.01	0.01	0.09	0.00	0.03	0.04	0.01	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.00	0.01	0.01	0.01
Fuels and lubricants for personal transport equipment	3.59	5.20	0.26	0.03	0.38	0.58	1.23	1.28	1.60	1.94	2.39	2.73	3.43	3.98	5.11	5.94	6.84	8.24

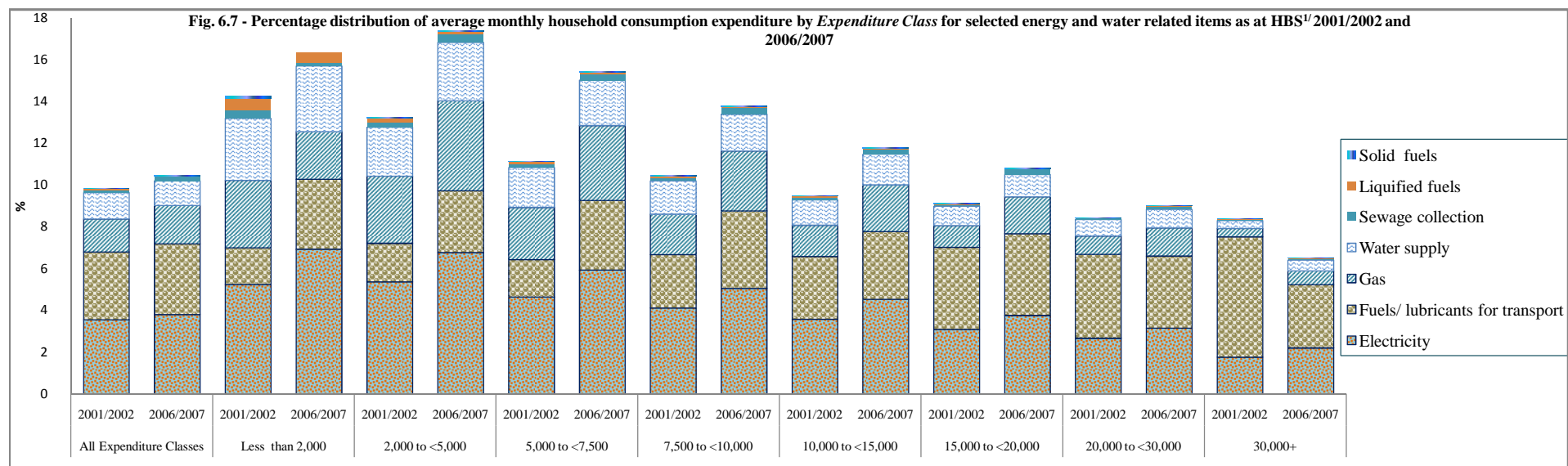


1/ Household budget survey

Table 6.7 - Distribution of average monthly household consumption expenditure by Expenditure Class for selected energy and water related items as at HBS^{1/} 2001/2002 and 2006/2007

Classification of individual consumption according to purpose (COICOP)	Expenditure Class																	
	All income Classes		Less than 2,000		2,000 to <5,000		5,000 to <7,500		7,500 to <10,000		10,000 to <15,000		15,000 to <20,000		20,000 to <30,000		30,000+	
	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007
	Rupees																	
Water supply	129.95	169.59	43.13	46.46	89.42	104.50	119.73	136.39	138.48	153.31	147.06	179.98	157.56	184.28	186.27	215.71	181.91	239.71
Sewage collection	12.10	28.55	5.55	2.35	8.81	14.16	9.62	17.68	13.76	25.97	14.77	29.28	13.86	44.54	16.93	34.48	14.45	38.64
Electricity	363.64	544.55	76.37	102.40	204.85	253.30	290.61	372.12	357.38	441.58	433.26	553.49	527.10	645.30	633.43	756.49	843.49	1,037.83
Gas	160.92	262.79	47.10	33.69	122.84	161.15	156.74	225.19	167.93	251.19	182.16	274.02	177.03	302.54	207.50	323.18	194.31	315.63
Liquified fuels	8.17	5.11	8.25	7.51	8.41	5.41	7.74	6.72	7.41	6.13	7.60	5.90	8.59	4.41	5.28	2.27	26.50	1.34
Solid fuels	1.01	1.76	1.96	0.00	0.87	1.15	0.54	0.54	1.04	2.49	0.12	1.23	0.54	1.78	1.34	3.35	13.79	2.83
Fuels and lubricants for personal transport equipment	331.62	483.93	25.59	49.57	70.64	110.55	112.04	209.78	221.88	323.08	364.30	396.02	670.77	672.39	954.01	830.20	2,769.47	1,422.47
All purposes	10,220.25	14,300.00	1,455.36	1,476.86	3,814.47	3,736.48	6,257.59	6,273.61	8,674.66	8,722.10	12,113.28	12,212.13	17,043.59	17,155.89	23,722.75	24,015.43	48,006.26	47,041.71
	Percentage of total consumption for all households																	
Water supply	1.27	1.19	2.96	3.15	2.34	2.80	1.91	2.17	1.60	1.76	1.21	1.47	0.92	1.07	0.79	0.90	0.38	0.51
Sewage collection	0.12	0.20	0.38	0.16	0.22	0.38	0.15	0.28	0.16	0.30	0.12	0.24	0.08	0.26	0.07	0.14	0.03	0.08
Electricity	3.56	3.81	5.25	6.93	5.37	6.78	4.64	5.93	4.12	5.06	3.58	4.53	3.09	3.76	2.67	3.15	1.76	2.21
Gas	1.57	1.84	3.24	2.28	3.22	4.31	2.50	3.59	1.94	2.88	1.50	2.24	1.04	1.76	0.87	1.35	0.40	0.67
Liquified fuels	0.08	0.04	0.57	0.51	0.22	0.14	0.12	0.11	0.09	0.07	0.06	0.05	0.05	0.03	0.02	0.01	0.06	0.00
Solid fuels	0.01	0.01	0.13	0.00	0.02	0.03	0.01	0.01	0.01	0.03	0.00	0.01	0.00	0.01	0.01	0.01	0.03	0.01
Fuels and lubricants for personal transport equipment	3.24	3.38	1.76	3.36	1.85	2.96	1.79	3.34	2.56	3.70	3.01	3.24	3.94	3.92	4.02	3.46	5.77	3.02

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Table 6.8 - Average monthly household consumption expenditure for Transport and Housing division of COICOP^{1/} by quintile^{2/} group of household income at HBS 2001-2002 and 2006/2007

Classification of individual consumption according to purpose (COICOP) Division	First Quintile		Second Quintile		Third quintile		Fourth quintile		Fifth quintile		All classes													
	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007	2001/2002	2006/2007												
	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%												
Average monthly household consumption expenditure																								
Housing, water, electricity, gas & other fuels	556	12.3	903	14.7	746	10.7	1209	12.7	877	9.8	1369	11.3	1168	10.0	1689	10.6	1691	8.9	2320	8.3	1007	9.9	1498	10.5
Transport	394	8.7	413	6.7	831	11.9	805	8.5	1072	12.0	1206	10.0	1569	13.4	2379	14.9	2952	15.5	6675	24.0	1363	13.3	2295	16.0
All items	4508	100	6141	100	6957	100	9497	100	8935	100	12063	100	11719	100	15983	100	18991	100	27830	100	10220	100	14300	100
Per capita monthly household consumption expenditure																								
Housing, water, electricity, gas & other fuels	196	12.3	450	15.7	203	10.7	403	13.0	216	9.8	417	11.4	269	10.0	494	10.8	375	8.9	660	8.6	259	9.8	485	11.1
Transport	139	8.7	179	6.2	226	12.0	279	9.0	264	12.0	372	10.2	361	13.4	721	15.8	655	15.6	1917	25.0	351	13.3	693	15.9
All items	1590	100	2865	100	1891	100	3089	100	2202	100	3658	100	2698	100	4575	100	4211	100	7658	100	2631	100	4369	100

Fig. 6.8 - Percentage of monthly household consumption expenditure for Transport and Housing division of COICOP^{1/} by quintile group of household income HBS 2001/2002 and 2006/2007

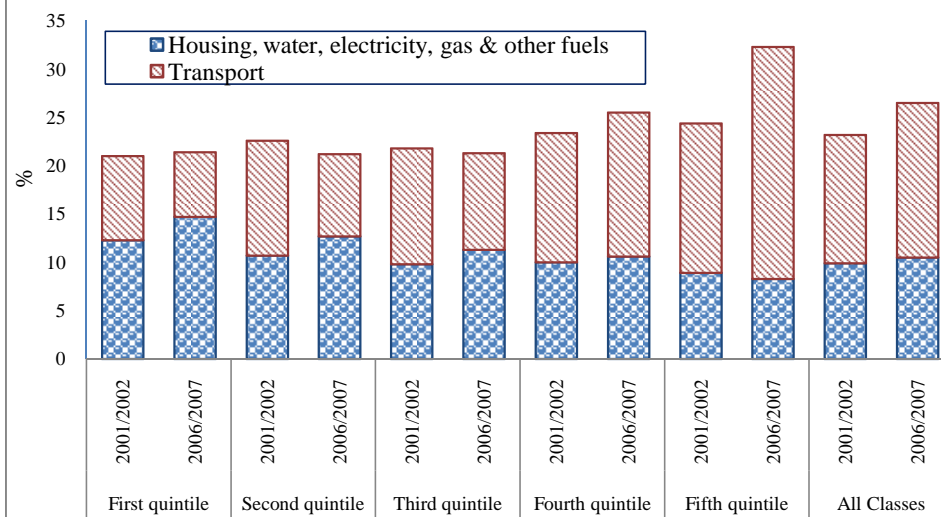
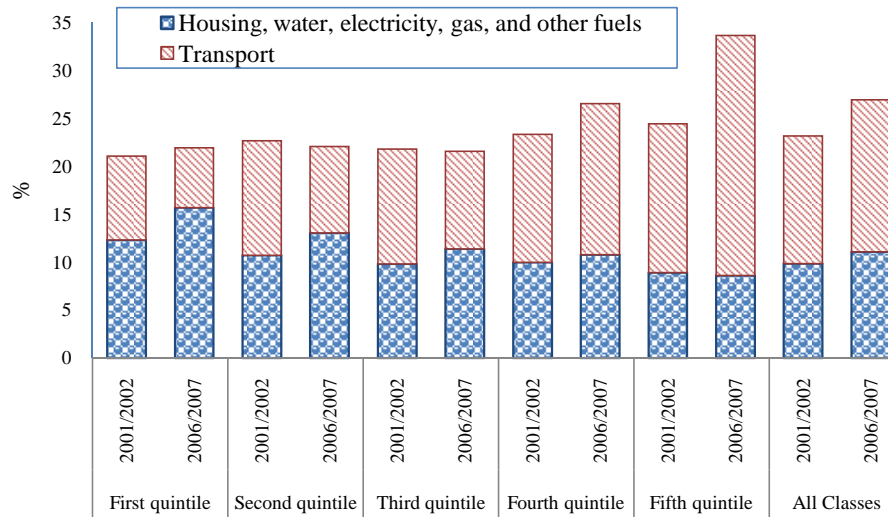


Fig. 6.9 - Percentage of per capita monthly household consumption expenditure for Transport and Housing division of COICOP^{1/} by quintile group of household income HBS 2001/2002 and 2006/2007



1/ Classification of individual consumption according to purpose

2/ Each quintile represents 20% of the population

Table 6.9 - Household expenditure for selected energy and water related items by district, CMPHS^{1/} 2001-2009

	All districts	Port Louis	Pamplemousses	Riviere du Rempart	Flacq	Grand Port	Savanne	Plaines Wilhems	Moka	Black River	Rodrigues
2001											
Average total expenditure	8,598	7,862	8,222	8,111	7,307	7,019	7,546	10,580	8,334	8,874	6,240
Gas	185	175	195	181	192	185	206	185	193	174	147
Water bill	143	158	143	151	144	139	152	144	149	169	7
Waste Water Bill	14	53	5	2	0	0	3	22	4	6	1
Electricity Bill	423	440	402	379	323	373	355	513	402	466	288
2002											
Average total expenditure	9,127	8,427	8,904	7,979	7,438	8,322	7,674	10,971	9,125	9,801	7,600
Gas	204	183	209	217	210	215	222	201	209	191	196
Water bill	145	163	145	151	145	155	157	143	150	162	8
Waste Water Bill	21	91	5	1	1	1	-	30	2	18	3
Electricity Bill	486	509	449	413	398	441	393	585	460	543	344
2003											
Average total expenditure	9,689	8,728	9,596	8,807	8,288	8,806	8,434	11,837	9,420	11,238	6,743
Gas	210	192	207	213	221	220	230	216	234	189	176
Water bill	156	184	153	150	179	170	177	169	164	193	2
Waste Water Bill	25	122	7	2	-	1	2	34	7	10	-
Electricity Bill	493	552	473	436	412	441	405	582	481	591	326
2004											
Average total expenditure	10,272	9,257	9,960	9,932	8,547	9,045	8,102	12,655	10,240	12,669	6,935
Gas	208	181	215	218	210	215	217	213	246	177	180
Water bill	154	176	167	146	163	178	167	167	168	194	1
Waste Water Bill	24	98	9	5	1	3	6	35	5	15	2
Electricity Bill	528	561	505	481	423	462	445	628	512	636	387
2005											
Average total expenditure	11,111	10,422	11,711	10,431	9,578	10,412	9,607	13,683	11,688	12,618	7,749
Gas	227	191	224	238	234	251	251	232	248	201	191
Water bill	164	183	169	168	176	164	172	174	179	191	2
Waste Water Bill	22	96	14	3	2	1	2	40	10	15	1
Electricity Bill	565	590	579	524	479	596	467	663	542	642	432
2006											
Average total expenditure	11,654	10,522	12,374	11,541	9,820	11,098	10,216	14,730	11,869	12,403	8,111
Gas	312	261	304	326	320	322	369	327	345	282	236
Water bill	169	186	171	164	174	180	181	182	180	200	8
Waste Water Bill	23	86	8	8	1	3	0	51	11	19	1
Electricity Bill	581	601	597	571	486	563	494	684	548	675	460
2007											
Average total expenditure	12,337	10,782	13,036	12,737	10,727	11,345	10,500	15,673	12,116	13,700	8,629
Gas	338	288	335	346	360	370	376	356	368	289	260
Water bill	167	188	172	176	178	181	176	174	166	205	0
Waste Water Bill	23	103	6	7	0	1	1	44	10	14	2
Electricity Bill	624	671	639	657	520	540	530	739	583	727	473
2008											
Average total expenditure	14,045	12,466	16,124	13,854	11,723	13,074	11,454	18,167	13,242	14,917	10,065
Gas	345	283	341	356	362	377	386	365	390	303	253
Water bill	163	166	172	189	176	177	174	162	167	195	1
Waste Water Bill	26	113	10	5	3	1	1	47	10	20	1
Electricity Bill	712	752	757	707	594	631	579	840	682	843	575
2009^{2/}											
Average total expenditure	16,168	13,889	14,352	16,248	14,352	15,116	13,419	21,291	15,382	17,584	11,201
Gas	335	279	340	327	351	377	376	350	370	304	240
Water bill & Waste water bill	191	282	182	186	189	181	186	207	177	235	1
Electricity Bill	796	862	822	765	682	756	670	931	749	958	555

1/ Continuous Multipurpose Household Survey

2/ Separate figures for waste water bill are not available for 2009

Fig. 6.10 - Average household expenditure as at CMPHS and average actual price of LPG, electricity and water, 2001-2009

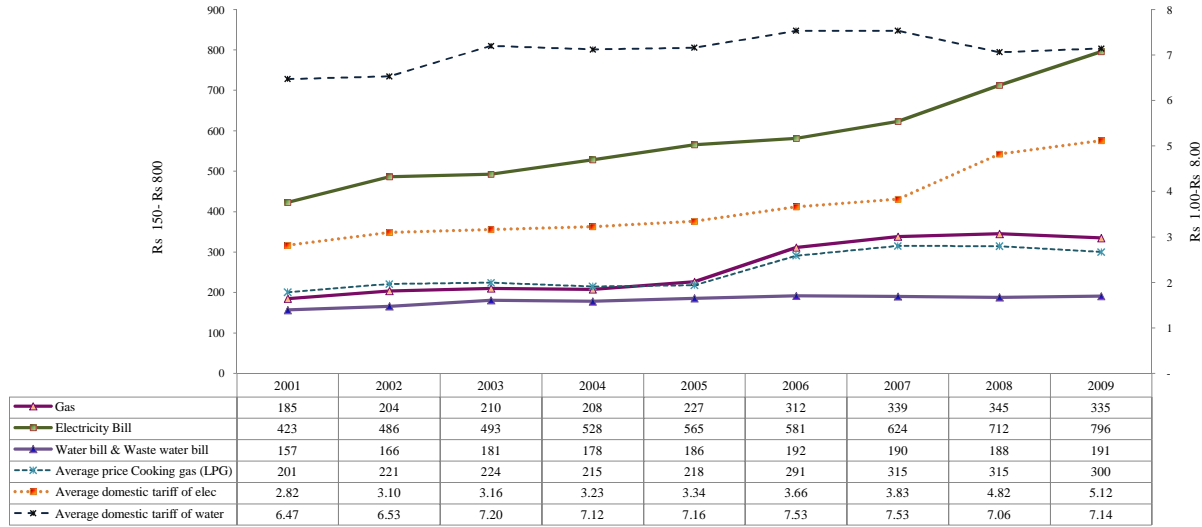


Fig. 6.11 - Percentage household expenditure on gas by district, 2005-2009

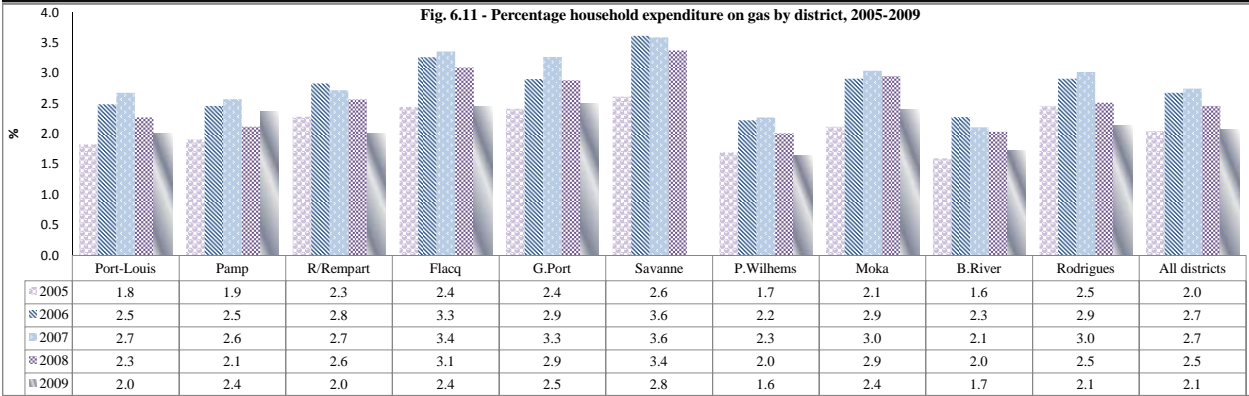


Fig. 6.12 - Percentage household expenditure on Water and Waste water Bill by district, 2005-2009

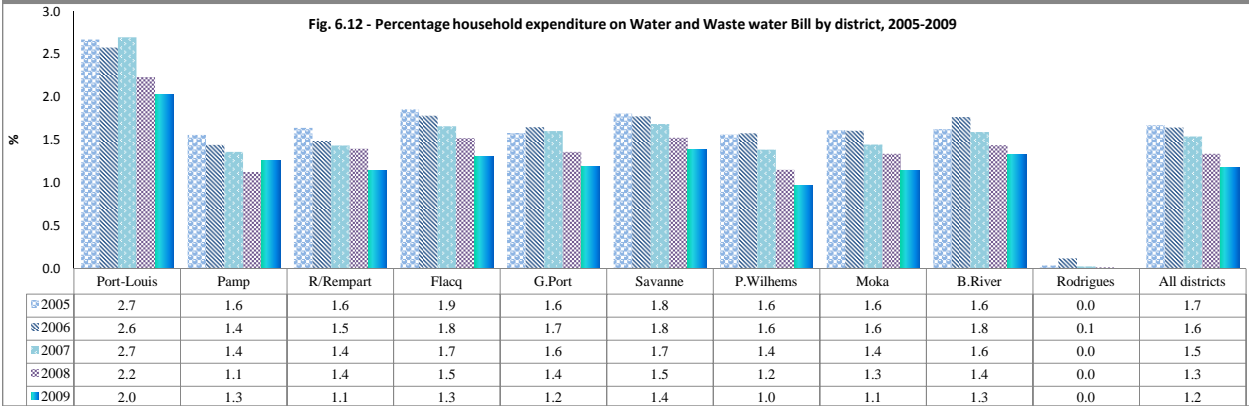


Fig. 6.13 - Percentage household expenditure on Electricity by district, 2005-2009

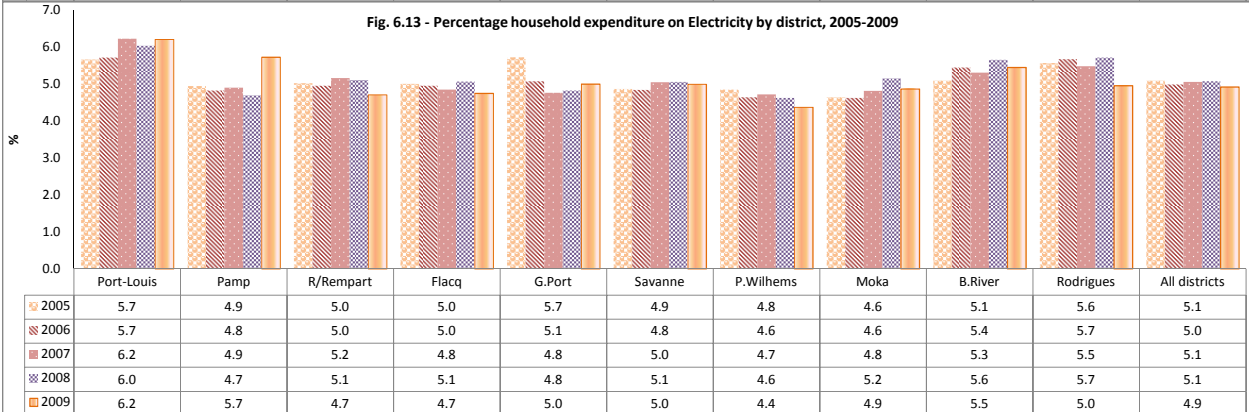
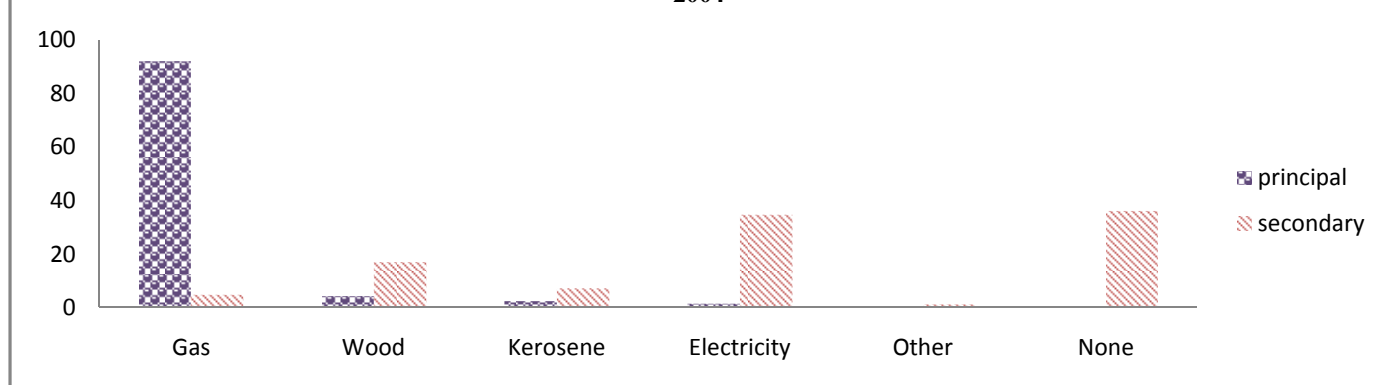


Table 6.10 - Percentage of households by principal and secondary fuel used for cooking -CMPHS^{1/} 2004

Fuel used	% of households reporting					
	Principal fuel used					Secondary fuel used
	1st quarter	2nd quarter	3rd quarter	4th quarter	Year	
Gas	91.0	92.4	93.1	92.0	92.1	4.7
Wood	4.10	3.90	3.70	5.20	4.2	16.9
Kerosene	2.60	2.00	2.30	1.90	2.2	7.0
Electricity	2.20	1.60	0.70	0.80	1.3	34.5
Other	0.10	0.10	0.20	0.10	0.2	1.0
None						35.9
Total	100.0	100.0	100.0	100.0	100.0	100.0

Fig. 6.14 - Percentage of households by principal and secondary fuel used for cooking, CMPHS^{1/} 2004**Table 6.11 - Percentage of households by main source of energy used for heating water for bathing purposes-CMPHS^{1/} 2004**

Main source of energy used	% of households reporting				
	1st quarter	2nd quarter	3rd quarter	4th quarter	Year
Gas	49.7	50.3	53.1	51.7	51.2
<i>of which: Stove</i>	38.0	34.9	35.6	34.2	35.7
<i>Water Heater</i>	11.7	15.4	17.5	17.5	15.5
Electricity	27.7	27.4	24.3	27.1	26.7
<i>of which: Electrical system inside bathroom</i>	22.3	21.8	18.7	22.3	21.3
<i>Electric kettle</i>	5.4	5.6	5.6	4.8	5.4
Wood	10.1	11.1	11.5	11.3	11.0
Solar water heater	4.1	5.1	4.4	3.1	4.2
kerosene stove	4.1	2.5	3.7	2.5	3.2
Other	0.3	0.5	0.2	0.3	0.3
Do not use hot water for bathing	4.0	3.1	2.8	4.0	3.4
Total	100.0	100.0	100.0	100.0	100.0

Table 6.12 - Percentage of households by measures taken to reduce electrical energy consumption-CMPHS^{1/} 2004

Measure	% of households reporting				
	1st quarter	2nd quarter	3rd quarter	4th quarter	Year
Turning off lights/electrical appliances when not in use	83.5	81.7	83.5	82.1	94.7
Use of other types of fuel instead of electricity for cooking	51.5	39.9	43.6	35.4	48.8
Use of other types of fuel instead of electricity for water heating	43.9	30.7	34.1	25.8	40.5
Use of low consumption electrical bulbs	39.3	39.8	30.7	27.1	37.2
Use of low consumption electrical appliances	27.6	27.9	18.1	15.1	25.4

1/ Continuous Multipurpose Household Survey