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FOREWORD

This is the seventeenth issue of a regular publication of Statistics Mauritius on energy and water statistics. It presents latest statistics on energy for the years 2005 to 2014 and on water for the period 2010 to 2014. 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 Statistics Mauritius, is available on the website <http://statsmauritius.govmu.org>.

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Symbols & abbreviations

-	Nil
...	Not available
000	Thousand
c.i.f	Cost, insurance and freight
CEB	Central Electricity Board
CMPHS	Continuous 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	<p>The maximum power available from a power station at a point in time:</p> <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. A lower ratio usually reflects a more efficient use of energy.
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	<p>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:</p> <p><i>Agriculture:</i> Energy used for irrigation and by other agricultural equipments;</p> <p><i>Commercial & distributive trade:</i> Energy consumed by the business and commercial sector;</p> <p><i>Residential:</i> Consumption of energy by residential sector;</p> <p><i>Manufacturing:</i> Consumption in industry and construction; and</p> <p><i>Transport:</i> Includes consumption by land vehicles, ships and local aircrafts.</p>
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

Landfill Gas (LFG)	Landfill gas (LFG) is a mixture of different gases, mainly methane and carbon dioxide. It is generated during the natural process of bacterial decomposition of organic material contained in solid waste landfills. LFG is an asset when it is used as a source of energy to produce electricity or heat. By using LFG to produce energy, landfills can significantly reduce emissions of methane into the atmosphere while decreasing dependency on fossil fuels to generate electricity.
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.
Photovoltaic	Photovoltaic systems convert solar energy from the sun directly into electricity. This is a renewable form of energy production.
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 input to hydro electricity	The primary energy input to hydro-electricity is defined as the energy value of the electricity generated from hydro.
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, bagasse and landfill gas.
Tonne	The tonne (SI symbol: t) is a metric system unit of mass equal to 1,000 kilograms.
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	The volume of water that enters the atmosphere by vaporization of water into a gas through evaporation from land and water surfaces and transpiration from plants.
Groundwater	The volume of water at a particular point in time which has collected in porous and permeable underground layers, known as aquifers that can yield significant quantities of water to wells and springs.

Groundwater recharge	Process by which water is added from outside to fresh water found beneath the earth surface.
Rivers and Streams	Channels where water flows continuously or periodically.
Surface runoff	The flow of surface water, from rainfall, which flows directly to streams, rivers, lakes and the sea.
Water abstraction	The volume of water that is removed or collected by economic units directly from the environment whether surface or ground water.
Water Balance	The water balance is based on long term records of annual average rainfall and indicates how freshwater resources are distributed.
Water mobilisation	Abstraction of water resource, whether surface or groundwater, the conveyance, treatment and storage thereof.
Water production	The transformation process that raw water undergoes to render it potable, through the use of chemicals and/or other methods, while respecting quality norms and standards for safe drinking water, as set by World Health Organisation and/or local regulatory bodies.
Water Utilisation	Annual volume of surface and ground water used/reused.
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/Landfill gas/Photovoltaic	1	86
	Terajoules(TJ)	toe
Energy unit	0.041868	1

* * * * *

ENERGY AND WATER STATISTICS – 2014

Introduction

This issue of the ‘Digest of Energy and Water Statistics, 2014’ covers the period 2005 to 2014 for energy statistics, and the years 2010 to 2014 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, the petroleum companies and the Independent Power Producers (IPPs). All data refer to the Republic of Mauritius, unless otherwise specified.

In order to compare the energy content of the different fuels, a common accounting unit, namely tonne of oil equivalent (toe) is used. The conversion factors are given on page 15. Figures presented in the tables may not add up to totals, due to rounding.

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 Energy balance

The energy balance (Tables 1.2 - 1.5) shows the supply and final uses (demand) of energy and the different types of fuel. The energy supply is presented as the total primary energy requirement, also known as total primary energy supply. The energy demand is presented as the total final consumption. The difference between the supply and the demand is mainly due to fuel transformed into electricity.

2.2 Total primary energy requirement

Total primary energy requirement is obtained as the sum of imported fossil fuels and locally available fuels less re-exports and bunkering, after adjusting for stock changes.

In 2014, total primary energy requirement was 1,492 ktoe, showing an increase of 2.5% compared to 1,455 ktoe in 2013. Consequently, this led to an increase of 1.7% in the per capita primary energy requirement from 1.16 toe in 2013 to 1.18 toe.

2.2.1 Primary energy requirement from fossil fuel

In 2014, around 86% (1,279 ktoe) of the total primary energy requirement was met from imported fossil fuels (petroleum products, 55% and coal, 31%) against 85% (1,235 ktoe) in the preceding year. The share of the different fossil fuels within the total primary energy requirement in 2014 was as follows: coal (30.9%), fuel oil (17.1%), diesel oil (13.9%), gasolene (10.2%), jet fuel kerosene (8.5%), Liquefied Petroleum Gas (LPG) - (5.1%) and kerosene (0.1%).

Energy supply from petroleum products increased by 3.0%: from 795 ktoe in 2013 to 819 ktoe in 2014. It comprised fuel oil (31.1%), diesel oil (25.4%), gasolene (18.5%), dual purpose kerosene (15.6%) and LPG (9.4%). Supply of coal increased by 4.3%: from 441 ktoe in 2013 to 460 ktoe in 2014 - (Table 2.1).

2.2.2 Primary energy requirement from local sources (renewables)

In 2014, primary energy requirement obtained from local renewable sources namely: hydro, wind, landfill gas, photovoltaic, bagasse and fuelwood stood at 212 ktoe and it accounted for around 14% of the total primary energy requirement. Bagasse and hydro contributed around 91% and 4% of the local renewable sources respectively while wind, landfill gas, photovoltaic and fuelwood accounted for the remaining 5%.

2.2.3 Energy Intensity

‘Energy intensity’ defined as total primary energy requirement per Rs 100,000 of Gross Domestic Product provides a measure of the efficiency with which energy is being used in production. A lower ratio usually reflects a more efficient use of energy. As shown in Table 1.1, ‘Energy intensity’ stood at 0.72 in 2014 compared to 0.73 in 2013.

2.2.4 Imports of energy sources

Fossil fuel (petroleum products and coal) imports was 1.1% lower in 2014 (1,649 ktoe) than in 2013 (1,667 ktoe). Compared to 2013, imports of petroleum products went down by 4.6% (from 1,228 to 1,171 ktoe) while those of coal increased by 9.1% (from 439 to 479 ktoe) - (Table 2.3 and Fig. 2.3). In 2014, coal constituted around 29% of fossil fuel imports, fuel oil 24%, diesel oil 18%, dual purpose kerosene 15%, gasolene 9% and LPG 5%.

The import bill of petroleum products and coal decreased by 10.8% from Rs 34,915 million in 2013 to Rs 31,146 million in 2014 and accounted for around 18% of the total imports bill (Table 2.5 and Figure 2.4). During the same period, the average imports price of kerosene (excluding jet fuel) went down by 9.4% , jet fuel kerosene by 9.4%, coal by 7.7%, fuel oil by 6.0%, LPG by 0.3%, gasolene by 7.2% and diesel oil by 8.4% - (Table 2.7 and Figure 2.6).

2.2.5 Local production (renewable)

Total energy production from local renewable sources; hydro, wind, landfill gas, photovoltaic, bagasse and fuelwood went down by 3.2% from 219 ktoe in 2013 to 212 ktoe in 2014. It was largely due to a decline of 4.1 % in the production of bagasse from 202 ktoe in 2013 to 193 ktoe in 2014. On the other hand, increases were noted in the production of landfill gas (+5.9%) and photovoltaic (+808%) - (Table 2.1).

2.2.6 Re-exports and bunkering

Of the 1,649 ktoe of imported energy sources in 2014, around 408 ktoe (24.7%) were supplied to foreign marine vessels and aircraft, representing a rise of 6.0% compared to 385 ktoe in 2013. Re-exports and bunkering of 163.7 ktoe of fuel oil (40.1%), 126.6 ktoe of aviation fuel (31.0%) and 117.9 ktoe of diesel oil (28.9%) - (Table 2.6).

2.3 Electricity

2.3.1 Electricity generation

The peak power demand in 2014 reached 446.2 MW in the Island of Mauritius as compared with 441.1 MW in 2013, up by 1.2% - (Table 3.1).

Some 2,937 GWh (253 ktoe) of electricity was generated in 2014. Around 80% (2,341 GWh or 202 ktoe) of the electricity was generated from non-renewable sources, mainly coal and fuel oil while the remaining 20% (596 GWh or 51 ktoe) were from renewable sources, mostly bagasse - (Table 3.5).

Between 2013 and 2014,

- Total electricity generated increased by 1.8% from 2,885 GWh to 2,937 GWh;
- Electricity generated from coal increased by 3.7% from 1,214 GWh to 1,259 GWh and that from fuel oil and diesel oil together increased by 0.3% from 1,076 GWh to 1,079 GWh (Table 3.3); and
- Electricity generated from renewable sources increased from 594 GWh to 596 GWh, up by 0.3%. Main changes were as follows: hydro (-4.2%), landfill gas (+6.5%), bagasse (-3.5%). To note that 24.6 GWh of electricity was produced from photovoltaic in 2014 compared to 2.7 GWh in 2013 (Table 3.5).

Table 3.6 shows that the Independent Power Producers (IPPs) produced around 60% of the total electricity generated while the Central Electricity Board (CEB) the remaining 40%.

Thermal energy represented around 96% of overall generation.

2.3.2 Fuel input for electricity generation

Table 3.7 shows the amount of fossil fuel and bagasse used for electricity generation and it indicates that:

- Between 2013 and 2014, fossil fuel and bagasse input increased by 2.2% from 802 ktoe to 820 ktoe;
- In 2014, coal (53.8%) was still the major fuel used to produce electricity followed by fuel oil (25.9%) and bagasse (20.1%);
- Input of coal increased by 4.1% (from 423.6 ktoe in 2013 to 441.0 ktoe in 2014) and that of fuel oil by 2.4% (from 207.5 ktoe in 2013 to 212.5 ktoe in 2014); and
- Some 164.9 ktoe of bagasse was used to produce electricity in 2014 compared to 169.0 ktoe in 2013, down by 2.4%.

2.3.3 Electricity sales and consumption

Electricity sales increased by 2.9% from 2,384 GWh (205 ktoe) in 2013 to 2,452 GWh (211 ktoe) in 2014. During the same period, the average sales price of electricity remained at around Rs 6.00 per kWh. The share of sales of commercial, domestic and industrial tariffs within the total electricity sales in 2014 was respectively 36%, 33%, and 29% - (Table 4.7 & Fig. 4.5).

The per capita consumption of electricity sold went up by 2.7% from 1,894 kWh in 2013 to 1,945 kWh in 2014 - (Table 1.1).

2.4 Final energy consumption

Final energy consumption is the total amount of energy required by end users as a final product. End-users are mainly categorized into five sectors namely: manufacturing, transport, commercial and distributive trade, households and agriculture. Final energy consumption increased by 2.4% from 871 ktoe in 2013 to 892 ktoe in 2014.

The two main energy-consuming sectors were “Transport” and “Manufacturing”, accounting respectively for 50.9% and 23.6% of the energy consumed. They were followed by the household sector (14.2%), commercial and distributive trade (10.4%) and agriculture (0.5%) - (Table 4.2).

2.4.1 Transport

Energy consumed by the “Transport” sector, which represents around 51% of the total final energy consumption went up by 3.5% from 438.8 ktoe in 2013 to 454.1 ktoe in 2014. Consumption of fuel for land transport increased from 310.1 ktoe to 319.1 ktoe (+2.9%). The principal energy used in road transport was diesel.

Consumption of aviation fuel increased from 120.7 ktoe in 2013 to 126.8 ktoe in 2014 (+5.1%) and fuel consumed by sea transport remained at around 8.0 ktoe.

2.4.2 Manufacturing

Some 210.7 ktoe (around 24%) of the total final energy consumption was used by the manufacturing sector in 2014 against 212.3 ktoe in 2013, down by 0.8%. The main energy consumed by the sector was as follows: electricity (81.2 ktoe), fuel oil (38.9 ktoe), diesel oil (36.5 ktoe), bagasse (28.5 ktoe) and coal (19.4 ktoe).

2.4.3 Commercial and Distributive Trade

Total final energy consumption by “Commercial and Distributive Trade” sector, which represents around 10% of total energy consumed increased by 5.0% from 88.1 ktoe in 2013 to 92.5 ktoe in 2014.

Electricity was the main source of energy in the “Commercial and Distributive Trade” sector and its consumption increased from 73.4 ktoe to 77.0 ktoe (+4.9%). LPG consumption went up by 6.3% from 14.3 ktoe to 15.2 ktoe.

2.4.4 Household

Final energy consumed by households (excluding transport) represented around 14% (126.5 ktoe) of the total energy consumption. The two main sources of energy for households were electricity and LPG, representing 55% and 41% respectively of the total energy consumed by households.

Between 2013 and 2014, household consumption of electricity and LPG rose by 3.3% and 2.6% respectively.

2.4.5 Agriculture

Final energy consumption in “Agriculture” stood at 4.6 ktoe in 2014, representing around 0.5% of the total final energy consumption. Electricity and diesel were the only two sources of energy used in this sector. In 2014, some 2.3 ktoe of electricity were used mainly for irrigation compared to 2.2 ktoe in 2013 while consumption of diesel oil, which was used for mechanical operations in fields remained at around 2.3 ktoe in 2014.

3. Water

3.1 Water Balance

In 2014, the Island of Mauritius received 3,905 million cubic metres (Mm^3) of precipitation (rainfall). Only 10% (390 Mm^3) of the precipitation went as ground water recharge, while evapotranspiration and surface runoff accounted for 30% ($1,172 \text{ Mm}^3$) and 60% ($2,343 \text{ Mm}^3$) respectively - (Figure 5.1).

3.2 Water utilisation

Total water utilisation was estimated at 895 Mm^3 in 2014. The agricultural sector accounted for 42% (373 Mm^3) of the water utilised. Hydropower constituted 31% (275 Mm^3) and domestic, industrial and tourism sector represented the remaining 28% (247 Mm^3) (Table 5.2).

Compared to 2013, water utilisation went up by 0.8%, from 888 to 895 Mm^3 with changes in each sector as follows: hydropower -1.8%, agricultural -0.5% and domestic, industrial and tourism +6.0%

Around 85% of the total water utilisation was met by surface water and the remaining 15 % by ground water.

3.3 Rainfall

During the year 2014, the mean amount of rainfall recorded around the Island of Mauritius was 2,094 millimetres (mm), representing a decrease of 1.5% compared to 2,126 mm in 2013 and an increase of 4.5% from the long term (1981-2010) mean of 2,003 mm.

The wettest month in 2014 was January with a mean of 419 mm which represents a surplus of 59.3% relative to the long term (1981-2010) mean of 263 mm. September was the driest month with a mean of 54 mm of rainfall registering a deficit of 43.8% compared to the long term (1981-2010) mean of 96 mm - (Table 5.5)

The mean rainfall registered in Rodrigues at Pointe Canon in 2014 was 1,145 mm compared to 978 mm in 2013, up by 17.1%. The highest amount of rainfall with 304 mm was recorded in the month of March while the least amount was in October with 22 mm - (Table 5.6).

3.4 Water storage level

In 2014, the minimum and maximum percentage of water storage level of the different reservoirs was as follows:

Reservoir	Capacity (Mm ³)	% Minimum [month(s)]	% Maximum [month(s)]
Mare aux Vacoas	25.89	53 (December)	92 (May)
Midlands Dam	25.5	39 (January)	100 (March to May)
La Ferme	11.52	22 (December)	91 (February to April)
Mare Longue	6.28	43 (November)	100 (March to May)
La Nicoliere	5.26	30 (November)	100 (January to May)
Piton du Milieu	2.99	39 (December)	100 (January to May)

The mean percentage water level for all reservoirs (excluding Midlands Dam) varied from 48% to 91% in 2014. To note that the mean water level is computed as the average level during a month while the normal level is the long term mean averaged over the period 1990 to 1999 - (Table 5.7).

3.5 Water production

The total volume of potable water treated by the different treatment plants increased by 5.5% from 217 Mm³ in 2013 to 229 Mm³ recorded in 2014. The average production from surface water and boreholes represented 48.2% and 51.8% respectively in 2014 - (Table 5.8).

3.6 Water sales and revenue collectible

Total volume of water sold increased from 111.3 Mm³ in 2013 to 111.8 Mm³ in 2014. Potable water made up 86.7% of the volume sold and the remaining 13.3% consisted of non-treated water. Water for domestic consumption was 74.2 Mm³, accounting for nearly 66% of the total volume of water sold.

The amount of revenue collectible from the sales of water for the year 2014 was Rs 1,365.0 million, which is an increase of around 1.2%, over the amount of Rs 1,348.7 million collected in 2013 - (Table 5.10).

Section I

Main indicators
& Energy balance

Table 1.1 - Main energy indicators, 2005 - 2014

Indicators	Unit	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 ¹
Mid-year population	thousand	1,228	1,234	1,240	1,244	1,247	1,250	1,252	1,256	1,259	1,261
GDP in 2000 rupees	Rs.Million	143,996	150,496	159,338	168,101	173,198	180,299	187,331	193,325	199,512	206,694
GDP index (2000 = 100)		117.6	122.9	130.2	137.3	141.5	147.3	153.0	157.9	163.0	168.9
Total primary energy requirement	ktoe	1,293.2	1,376.8	1,381.8	1,404.4	1,346.9	1,430.7	1,426.9	1,427.6	1,454.8	1,491.7
<i>Of which local (renewables)</i>	%	20.3	18.5	17.8	18.8	17.5	16.9	16.2	15.6	15.1	14.2
Annual increase	%	+3.0	+6.5	+0.4	+1.6	-4.1	+6.2	-0.3	+0.1	+1.9	+2.5
Total primary energy requirement index (Base 2000 = 100)		116.2	123.7	124.1	126.2	121.0	128.5	128.2	128.3	130.7	134.0
Total final energy consumption	ktoe	846	876	858	842	809	854	863	854	871	892
<i>Of which renewables</i>	%	9.9	9.3	8.4	5.4	5.4	5.8	5.4	4.8	4.5	3.9
Total electricity generated	GWh	2,272	2,350	2,465	2,557	2,577	2,689	2,739	2,797	2,885	2,937
<i>Of which renewables</i>	%	25.0	22.2	22.4	23.3	23.6	21.5	20.0	20.3	20.6	20.3
Total electricity sold	GWh	1,777	1,880	1,975	2,054	2,069	2,174	2,228	2,294	2,384	2,452
Average sales price of electricity	Rs/kWh	3.25	3.60	3.79	4.90	5.15	5.31	5.64	5.71	5.67	5.73
Efficiency Indicators											
Import dependency	%	79.69	81.51	82.21	81.24	82.45	83.11	83.80	84.43	84.92	85.77
Energy intensity	toe per Rs.100,000 GDP at 2000 prices	0.90	0.91	0.87	0.84	0.78	0.79	0.76	0.74	0.73	0.72
Per capita primary energy requirement	toe	1.05	1.12	1.11	1.13	1.08	1.14	1.14	1.14	1.16	1.18
Per capita final energy consumption	toe	0.69	0.71	0.69	0.68	0.65	0.68	0.69	0.68	0.69	0.71
Per capita consumption of electricity sold - Republic of Mauritius	kWh	1,447	1,523	1,593	1,651	1,659	1,739	1,779	1,827	1,894	1,945
Per capita consumption of electricity sold - Island of Mauritius	kWh	1,472	1,552	1,624	1,683	1,692	1,774	1,816	1,866	1,934	1,986
Per capita consumption of electricity sold - Island of Rodrigues	kWh	666	643	638	645	660	661	664	675	707	735
Per capita consumption of electricity consumed	kWh	1,632	1,708	1,783	1,852	1,877	1,963	1,997	2,040	2,112	2,149
Electricity consumption per household	kWh	1,872	1,876	1,923	1,924	1,980	2,042	2,058	2,109	2,157	2,199

¹ Provisional

Table 1.2 - Energy balance, 2014 (tonne of oil equivalent)

Source Flow		Tonne of oil equivalent (toe)																
		Fossil fuels							Renewables							Electricity	Total	
		Coal	Petroleum products						Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse			Total Renewables
Gasolene	Diesel		Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products											
Local production	-	-	-	-	-	-	-	-	6,943	-	7,812	273	1,834	2,117	193,366	212,346	-	212,346
Imports	478,512	148,924	306,658	241,255	2,296	390,176	81,627	1,170,937	-	-	-	-	-	-	-	-	-	1,649,449
Re-exports and bunkering	-	-	(117,846)	(126,599)	-	(163,741)	-	(408,186)	-	-	-	-	-	-	-	-	-	(408,186)
Stock change / Statistical error	(18,171)	2,820	19,205	12,191	(1,429)	28,409	(4,905)	56,291	-	-	-	-	-	-	-	-	-	38,121
Total Primary Energy Requirement	460,341	151,744	208,018	126,847	867	254,844	76,722	819,042	6,943	-	7,812	273	1,834	2,117	193,366	212,346	-	1,491,729
Public electricity generation plant	-	-	(1,241)	-	(708)	(212,491)	-	(214,441)	-	-	(7,812)	(273)	-	-	-	(8,085)	101,073	(121,453)
Autoproducer plants	(440,966)	-	-	-	-	-	-	-	-	-	-	-	(1,834)	(2,117)	(164,890)	(168,842)	151,504	(458,304)
Other transformation	-	-	-	-	-	-	-	-	(912)	444	-	-	-	-	-	(468)	-	(468)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,938)	(3,938)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(15,635)	(15,635)
Total Final Consumption	19,375	151,744	206,776	126,847	159	42,352	76,722	604,601	6,031	444	-	-	-	-	28,476	34,951	233,004	891,931
Manufacturing sector	19,375	-	36,457	-	-	38,857	5,861	81,175	510	-	-	-	-	-	28,476	28,986	81,205	210,741
Transport sector ¹	-	151,744	168,014	126,847	-	3,495	4,044	454,143	-	-	-	-	-	-	-	-	-	454,143
Commercial and distributive trade sector	-	-	-	-	-	-	15,150	15,150	-	368	-	-	-	-	-	368	77,005	92,523
Household	-	-	-	-	159	-	51,376	51,535	5,521	76	-	-	-	-	-	5,597	69,345	126,477
Agriculture	-	-	2,306	-	-	-	-	2,306	-	-	-	-	-	-	-	-	2,291	4,597
Other	-	-	-	-	-	-	292	292	-	-	-	-	-	-	-	-	3,157	3,449

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

Table 1.3 - Energy balance, 2014 (Terajoules)

Terajoules(TJ)																		
Flow	Source	Fossil fuels							Renewables								Electricity	Total
		Petroleum products																
	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products	Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse	Total Renewables		
Local production	-	-	-	-	-	-	-	-	291	-	327	11	77	89	8,096	8,890	-	8,890
Imports	20,034	6,235	12,839	10,101	96	16,336	3,418	49,025	-	-	-	-	-	-	-	-	-	69,059
Re-exports and bunkering	-	-	(4,934)	(5,300)	-	(6,856)	-	(17,090)	-	-	-	-	-	-	-	-	-	(17,090)
Stock change / Statistical error	(761)	118	804	510	(60)	1,189	(205)	2,357	-	-	-	-	-	-	-	-	-	1,596
Total Primary Energy Requirement	19,274	6,353	8,709	5,311	36	10,670	3,212	34,292	291	-	327	11	77	89	8,096	8,890	-	62,456
Public electricity generation plant	-	-	(52)	-	(30)	(8,897)	-	(8,978)	-	-	(327)	(11)	-	-	-	(339)	4,232	(5,085)
Autoproducer plants	(18,462)	-	-	-	-	-	-	-	-	-	-	-	(77)	(89)	(6,904)	(7,069)	6,343	(19,188)
Other transformation	-	-	-	-	-	-	-	-	(38)	19	-	-	-	-	-	(20)	-	(20)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(165)	(165)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(655)	(655)
Total Final Consumption	811	6,353	8,657	5,311	7	1,773	3,212	25,313	253	19	-	-	-	-	1,192	1,463	9,755	37,343
Manufacturing sector	811	-	1,526	-	-	1,627	245	3,399	21	-	-	-	-	-	1,192	1,214	3,400	8,823
Transport sector ¹	-	6,353	7,034	5,311	-	146	169	19,014	-	-	-	-	-	-	-	-	-	19,014
Commercial and distributive trade sector	-	-	-	-	-	-	634	634	-	15	-	-	-	-	-	15	3,224	3,874
Household	-	-	-	-	7	-	2,151	2,158	231	3	-	-	-	-	-	234	2,903	5,295
Agriculture	-	-	97	-	-	-	-	97	-	-	-	-	-	-	-	-	96	192
Other	-	-	-	-	-	-	12	12	-	-	-	-	-	-	-	-	132	144

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

Table 1.4 - Energy balance, 2013 (tonne of oil equivalent)

Source Flow		Tonnes of oil equivalent (toe)																
		Fossil fuels							Renewables							Electricity	Total	
		Coal	Petroleum products						Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse			Total Renewables
Gasolene	Diesel		Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products											
Local production	-	-	-	-	-	-	-	-	7,306	-	8,156	310	1,721	233	201,714	219,441	-	219,441
Imports	439,167	149,273	339,463	250,708	2,957	411,909	73,679	1,227,988	-	-	-	-	-	-	-	-	-	1,667,156
Re-exports and bunkering	-	-	(115,242)	(120,503)	-	(149,835)	-	(385,580)	-	-	-	-	-	-	-	-	-	(385,580)
Stock change / Statistical error	1,476	(6,607)	(17,195)	(9,468)	(2,076)	(13,533)	1,191	(47,689)	-	-	-	-	-	-	-	-	-	(46,213)
Total Primary Energy Requirement	440,643	142,666	207,026	120,737	881	248,541	74,870	794,720	7,306	-	8,156	310	1,721	233	201,714	219,441	-	1,454,803
Public electricity generation plant	-	-	(1,282)	-	(671)	(207,542)	-	(209,495)	-	-	(8,156)	(310)	-	-	-	(8,466)	101,155	(116,806)
Autoproducer plants	(423,588)	-	-	-	-	-	-	-	-	-	-	-	(1,721)	(233)	(168,983)	(170,938)	146,980	(447,546)
Other transformation	-	-	-	-	-	-	-	-	(903)	440	-	-	-	-	-	(463)	-	(463)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,610)	(3,610)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(15,804)	(15,804)
Total Final Consumption	17,054	142,666	205,744	120,737	210	40,999	74,870	585,225	6,403	440	-	-	-	-	32,730	39,573	228,721	870,574
Manufacturing sector	17,054	-	35,797	-	-	37,615	5,781	79,193	526	-	-	-	-	-	32,730	33,257	82,765	212,269
Transport sector ¹	-	142,666	167,603	120,737	-	3,384	4,393	438,783	-	-	-	-	-	-	-	-	-	438,783
Commercial and distributive trade sector	-	-	-	-	-	-	14,348	14,348	-	357	-	-	-	-	-	357	73,359	88,064
Household	-	-	-	-	210	-	50,069	50,279	5,877	82	-	-	-	-	-	5,959	67,147	123,385
Agriculture	-	-	2,343	-	-	-	-	2,343	-	-	-	-	-	-	-	-	2,183	4,526
Other	-	-	-	-	-	-	279	279	-	-	-	-	-	-	-	-	3,267	3,546

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

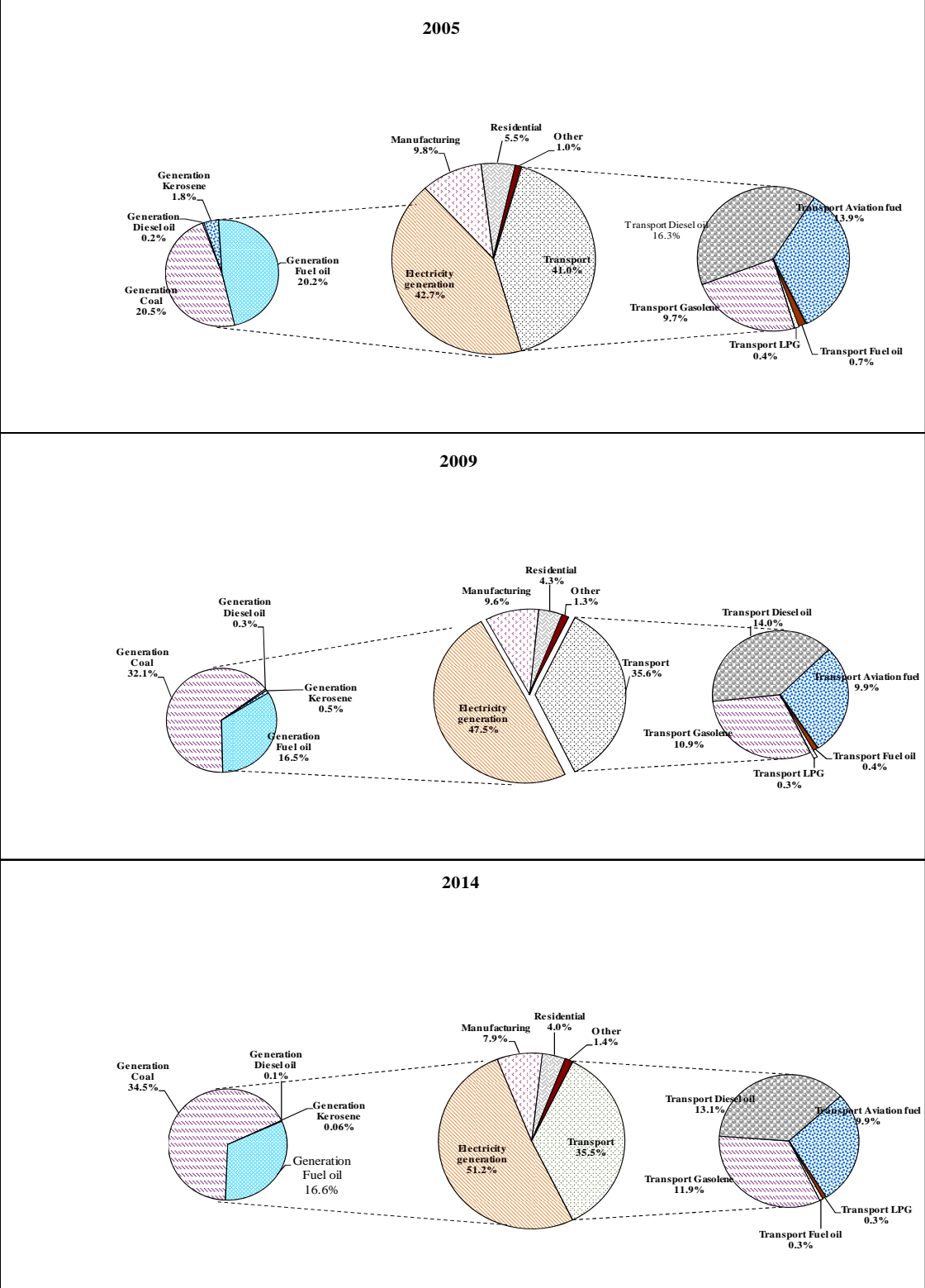
Table 1.5 - Energy balance, 2013 (Terajoules)

Terajoules(TJ)																		
Source Flow	Fossil fuels								Renewables								Electricity	Total
	Coal	Petroleum products							Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse	Total Renewables		
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products										
Local production	-	-	-	-	-	-	-	-	306	-	341	13	72	10	8,445	9,188	-	9,188
Imports	18,387	6,250	14,213	10,497	124	17,246	3,085	51,413	-	-	-	-	-	-	-	-	-	69,800
Re-exports and bunkering	-	-	(4,825)	(5,045)	-	(6,273)	-	(16,143)	-	-	-	-	-	-	-	-	-	(16,143)
Stock change / Statistical error	62	(277)	(720)	(396)	(87)	(567)	50	(1,997)	-	-	-	-	-	-	-	-	-	(1,935)
Total Primary Energy Requirement	18,449	5,973	8,668	5,055	37	10,406	3,135	33,273	306	-	341	13	72	10	8,445	9,188	-	60,910
Public electricity generation plant	-	-	(54)	-	(28)	(8,689)	-	(8,771)	-	-	(341)	(13)	-	-	-	(354)	4,235	(4,890)
Autoproducer plants	(17,735)	-	-	-	-	-	-	-	-	-	-	-	(72)	(10)	(7,075)	(7,157)	6,154	(18,738)
Other transformation	-	-	-	-	-	-	-	-	(38)	18	-	-	-	-	-	(19)	-	(19)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(151)	(151)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(662)	(662)
Total Final Consumption	714	5,973	8,614	5,055	9	1,717	3,135	24,502	268	18	-	-	-	-	1,370	1,657	9,576	36,449
Manufacturing sector	714	-	1,499	-	-	1,575	242	3,316	22	-	-	-	-	-	1,370	1,392	3,465	8,887
Transport sector ¹	-	5,973	7,017	5,055	-	142	184	18,371	-	-	-	-	-	-	-	-	-	18,371
Commercial and distributive trade sector	-	-	-	-	-	-	601	601	-	15	-	-	-	-	-	15	3,071	3,687
Household	-	-	-	-	9	-	2,096	2,105	246	3	-	-	-	-	-	250	2,811	5,166
Agriculture	-	-	98	-	-	-	-	98	-	-	-	-	-	-	-	-	91	190
Other	-	-	-	-	-	-	12	12	-	-	-	-	-	-	-	-	137	148

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

Fig 1.1 - Percentage share of consumption ('Transformation' + 'Final energy consumption') of petroleum products and coal by sector - 2005, 2009 and 2014



Section II

Primary energy requirement

Table 2.1 - Primary energy requirement, 2005 - 2014

Energy source	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
	Physical unit (Thousand tonne or GWh)										
Imported (Fossil fuels)											
Coal	363.8	484.5	572.6	651.4	595.7	667.8	641.5	674.8	710.7	742.5	
Petroleum products											
Gasolene	92.7	89.1	98.9	101.4	111.7	118.2	120.4	126.5	132.1	140.5	
Diesel Oil	212.1	228.3	205.3	203.4	204.6	211.5	208.0	211.3	205.0	206.0	
Dual Purpose Kerosene	165.1	146.8	140.4	135.5	112.6	126.3	133.3	114.3	116.9	122.8	
<i>Kerosene</i>	27.5	5.8	2.3	3.9	6.4	7.7	4.2	3.7	0.8	0.8	
<i>Aviation Fuel</i>	137.6	141.1	138.1	131.6	106.2	118.6	129.2	110.6	116.1	122.0	
Fuel Oil	263.8	284.6	262.4	222.2	237.4	241.9	258.4	255.7	258.9	265.5	
LPG	60.9	63.9	63.8	62.9	63.8	65.0	65.9	67.3	69.3	71.0	
Local (Renewables)											
Hydro	GWh	114.9	76.6	83.9	108.0	122.4	100.7	56.5	74.1	94.8	90.8
Wind	GWh	0.4	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.2
Landfill Gas	GWh	-	-	-	-	-	-	3.1	17.8	20.0	21.3
Photovoltaic	GWh	-	-	-	-	-	-	0.9	2.7	24.6	
Bagasse ¹		1,531.9	1,500.2	1,440.9	1,540.2	1,362.3	1,406.4	1,363.3	1,290.9	1,260.7	1,208.5
Fuelwood ¹		20.0	21.0	21.1	20.3	20.3	20.3	20.1	19.8	19.2	18.3
	Energy unit (ktoe)										
Imported (Fossil fuels)	1,030.5	1,122.1	1,136.0	1,140.9	1,110.6	1,189.0	1,195.7	1,205.3	1,235.4	1,279.4	
Coal	225.6	300.4	355.0	403.9	369.3	414.1	397.7	418.4	440.6	460.3	
Petroleum products	805.0	821.8	781.0	737.0	741.2	775.0	798.0	786.9	794.7	819.0	
Gasolene	100.1	96.2	106.9	109.5	120.6	127.7	130.0	136.6	142.7	151.7	
Diesel Oil	214.2	230.6	207.4	205.4	206.7	213.6	210.1	213.4	207.0	208.0	
Dual Purpose Kerosene	171.7	152.7	146.0	140.9	117.2	131.3	138.7	118.8	121.6	127.7	
<i>Kerosene</i>	28.6	6.0	2.4	4.0	6.7	8.0	4.3	3.8	0.9	0.9	
<i>Aviation Fuel</i>	143.1	146.7	143.6	136.9	110.5	123.3	134.3	115.0	120.7	126.8	
Fuel Oil	253.3	273.3	251.9	213.3	227.9	232.2	248.1	245.4	248.5	254.8	
LPG	65.7	69.0	68.9	67.9	68.9	70.2	71.1	72.7	74.9	76.7	
Local (Renewables)	262.6	254.6	245.8	263.5	236.3	241.6	231.1	222.3	219.4	212.3	
Hydro	9.9	6.6	7.2	9.3	10.5	8.7	4.9	6.4	8.2	7.8	
Wind	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	
Landfill Gas	-	-	-	-	-	-	0.3	1.5	1.7	1.8	
Photovoltaic	-	-	-	-	-	-	-	0.1	0.2	2.1	
Bagasse	245.1	240.0	230.5	246.4	218.0	225.0	218.1	206.5	201.7	193.4	
Fuelwood	7.6	8.0	8.0	7.7	7.7	7.7	7.6	7.5	7.3	6.9	
Total	1,293.2	1,376.8	1,381.8	1,404.4	1,346.9	1,430.7	1,426.8	1,427.6	1,454.8	1,491.7	
	Percentage share (%)										
Imported (Fossil fuels)	79.7	81.5	82.2	81.2	82.5	83.1	83.8	84.4	84.9	85.8	
Coal	17.4	21.8	25.7	28.8	27.4	28.9	27.9	29.3	30.3	30.9	
Petroleum products	62.2	59.7	56.5	52.5	55.0	54.2	55.9	55.1	54.6	54.9	
Gasolene	7.7	7.0	7.7	7.8	9.0	8.9	9.1	9.6	9.8	10.2	
Diesel Oil	16.6	16.7	15.0	14.6	15.3	14.9	14.7	14.9	14.2	13.9	
Dual Purpose Kerosene	13.3	11.1	10.6	10.0	8.7	9.2	9.7	8.3	8.4	8.6	
<i>Kerosene</i>	2.2	0.4	0.2	0.3	0.5	0.6	0.3	0.3	0.1	0.1	
<i>Aviation Fuel</i>	11.1	10.7	10.4	9.7	8.2	8.6	9.4	8.1	8.3	8.5	
Fuel Oil	19.6	19.8	18.2	15.2	16.9	16.2	17.4	17.2	17.1	17.1	
LPG	5.1	5.0	5.0	4.8	5.1	4.9	5.0	5.1	5.1	5.1	
Local (Renewables)	20.3	18.5	17.8	18.8	17.5	16.9	16.2	15.6	15.1	14.2	
Hydro	0.8	0.5	0.5	0.7	0.8	0.6	0.3	0.4	0.6	0.5	
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Landfill Gas	-	-	-	-	-	-	0.0	0.1	0.1	0.1	
Photovoltaic	-	-	-	-	-	-	-	0.0	0.0	0.1	
Bagasse	19.0	17.4	16.7	17.5	16.2	15.7	15.3	14.5	13.9	13.0	
Fuelwood	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

¹ Estimates

Fig 2.1 - Percentage share of energy sources within the Primary Energy Requirement - 2005, 2009 and 2014

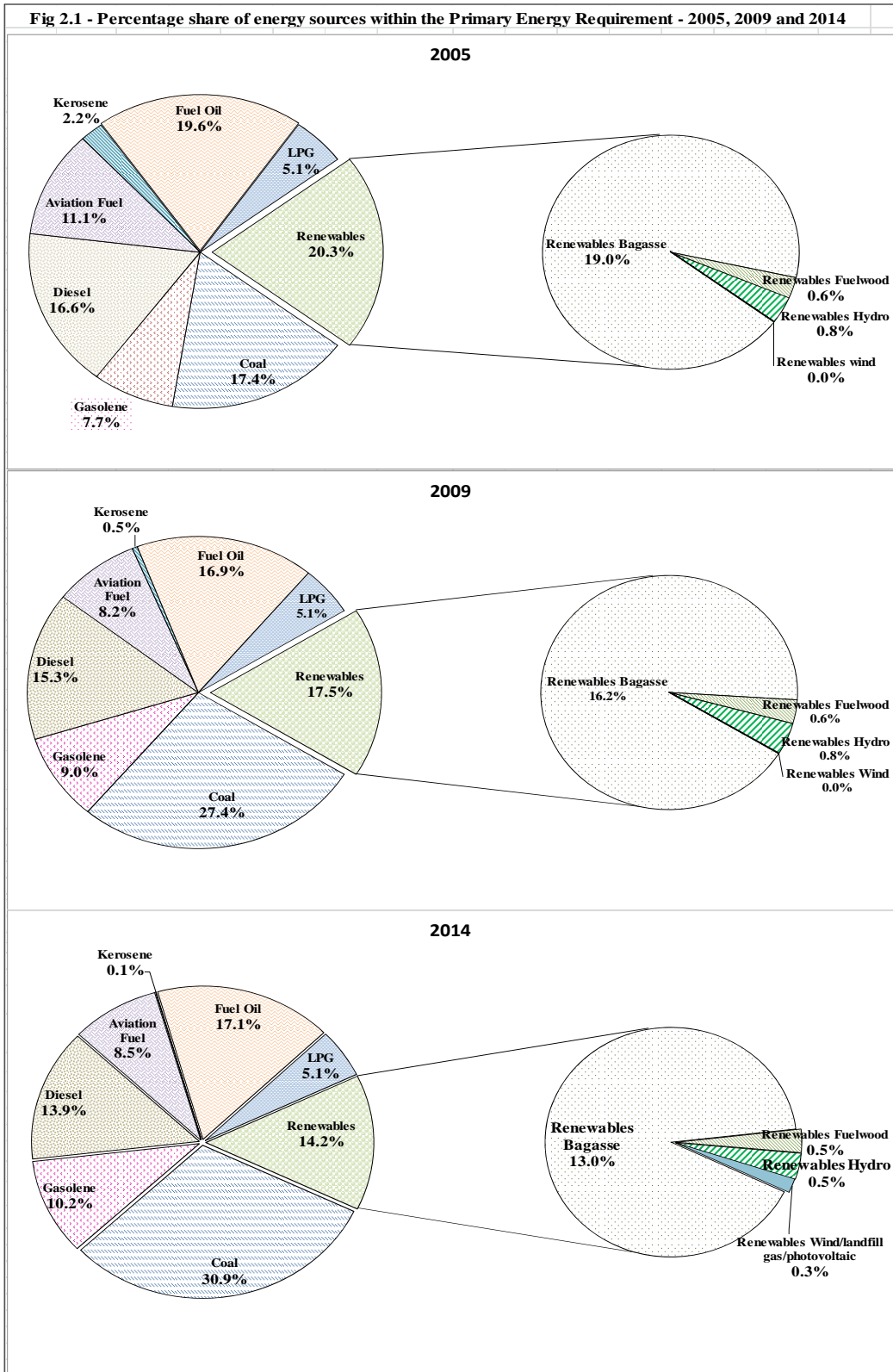


Fig 2.2 - Primary energy requirement by main energy sources, 2005 - 2014



Table 2.2 - Imports of energy sources (Physical unit), 2005 - 2014

Energy source	Thousand tonne									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Fossil fuels										
Coal	379.3	490.3	647.8	606.5	559.9	660.6	660.2	729.3	708.3	771.8
Gasolene	86.8	88.9	96.4	108.5	104.4	120.9	116.7	128.2	138.2	137.9
Diesel oil	329.9	327.5	307.5	328.5	288.0	310.4	309.9	313.8	336.1	303.6
Dual Purpose Kerosene	248.0	242.0	266.4	268.1	208.8	241.6	230.7	220.1	243.9	234.2
<i>Aviation Fuel</i>	220.1	236.0	262.6	262.2	204.7	234.9	226.4	213.0	241.1	232.0
<i>Kerosene</i>	27.9	6.0	3.7	5.9	4.1	6.7	4.3	7.0	2.8	2.2
Fuel oil	337.5	304.4	333.9	291.0	343.7	341.5	434.8	401.2	429.1	406.4
LPG	62.7	58.8	62.8	63.1	62.6	62.7	66.3	67.9	68.2	75.6

Table 2.3 - Imports of energy sources (Energy unit), 2005 - 2014

Energy source	ktoe									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Fossil fuels										
Coal	235.1	304.0	401.6	376.0	347.1	409.6	409.3	452.2	439.2	478.5
Petroleum products	1,076.5	1,034.1	1,080.0	1,075.3	1,018.4	1,090.9	1,168.0	1,142.7	1,228.0	1,170.9
Gasolene	93.7	96.0	104.1	117.2	112.8	130.6	126.0	138.4	149.3	148.9
Diesel oil	333.2	330.8	310.6	331.7	290.9	313.5	313.0	316.9	339.5	306.7
Dual Purpose Kerosene	257.9	251.7	277.0	278.8	217.2	251.3	239.9	228.8	253.7	243.6
<i>Aviation Fuel</i>	228.9	245.4	273.1	272.7	212.9	244.2	235.4	221.5	250.7	241.3
<i>Kerosene</i>	29.0	6.3	3.9	6.1	4.3	7.0	4.5	7.3	3.0	2.3
Fuel oil	324.0	292.2	320.6	279.4	330.0	327.8	417.4	385.2	411.9	390.2
LPG	67.7	63.5	67.8	68.2	67.6	67.7	71.6	73.3	73.7	81.6
Total imports	1,311.7	1,338.1	1,481.7	1,451.4	1,365.6	1,500.5	1,577.3	1,594.9	1,667.2	1,649.4

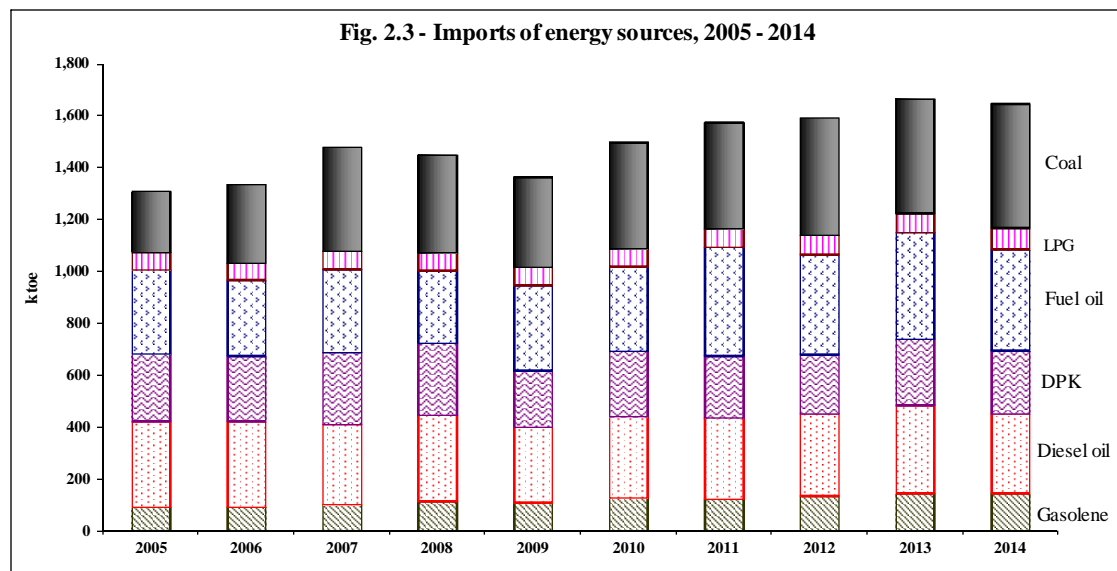


Table 2.5 - Imports value of energy sources by country of origin, 2005 - 2014

	Value (c.i.f): Rs(000)									
Country	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Coal	766,654	954,265	1,597,689	2,174,661	1,792,027	2,324,445	2,641,252	2,559,336	2,119,838	2,132,777
China	-	-	-	-	-	-	-	43	-	126
India	-	-	-	-	-	-	-	-	39	-
Mozambique	346,844	141,251	-	-	-	-	509,746	326,700	9,306	-
South Africa	419,810	813,014	1,597,689	2,174,661	1,792,027	2,324,445	2,131,506	2,232,593	2,110,493	2,132,650
Gasolene	1,452,772	1,877,318	2,180,054	2,690,298	2,022,369	3,084,361	3,431,101	4,113,372	4,424,210	4,094,146
Bahrain	526,795	301,504	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	267
India	82,960	1,023,652	2,180,054	2,690,298	2,022,369	3,084,361	3,431,101	4,113,372	4,424,210	4,093,822
Reunion Island	25,040	-	-	-	-	-	-	-	-	-
Saudi Arabia	104,960	82,715	-	-	-	-	-	-	-	-
Singapore	94,674	-	-	-	-	-	-	-	-	-
United Arab Emirates	618,343	469,447	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	57
Diesel	4,833,411	6,351,020	6,442,993	8,908,957	4,852,942	6,945,099	8,685,719	9,545,424	10,213,648	8,452,912
Bahrain	2,029,459	225,438	-	-	-	-	-	-	-	220,750
France	-	-	-	-	-	-	-	-	-	9
India	542,554	3,722,366	6,442,993	8,908,957	4,852,942	6,945,099	8,685,719	9,545,424	10,213,648	7,410,616
Saudi Arabia	1,928,116	2,103,149	-	-	-	-	-	-	-	-
Singapore	265,007	-	-	-	-	-	-	-	-	73,321
South Africa	68,275	-	-	-	-	-	-	-	-	748,216
United Arab Emirates	-	300,066	-	-	-	-	-	-	-	-
Kerosene (excl. jet fuel)	456,826	123,881	82,769	174,630	77,095	154,537	108,353	215,562	88,155	62,030
Bahrain	339,893	61,107	-	-	-	-	-	-	-	-
India	14,218	36,158	65,507	174,630	77,095	154,537	108,353	215,562	88,155	61,977
Qatar	-	3,026	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	-	48
Saudi Arabia	78,877	23,591	-	-	-	-	-	-	-	-
Seychelles	-	-	17,263	-	-	-	-	-	-	5
Singapore	3,695	-	-	-	-	-	-	-	-	-
Tanzania	20,142	-	-	-	-	-	-	-	-	-
Jet fuel type kerosene	3,621,568	4,937,243	5,825,957	7,287,213	3,579,294	5,464,992	6,190,950	6,600,932	7,482,847	6,526,777
Bahrain	2,017,560	745,384	-	-	-	-	-	-	-	2
France	-	-	-	-	-	-	-	-	-	17
India	255,521	2,364,752	5,710,092	7,287,213	3,579,294	5,464,992	6,190,950	6,600,932	7,482,847	6,526,748
Qatar	-	246,974	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	-	6
Saudi Arabia	1,075,386	1,580,134	-	-	-	-	-	-	-	-
Seychelles	-	-	115,865	-	-	-	-	-	-	4
Singapore	228,443	-	-	-	-	-	-	-	-	-
Tanzania	44,658	-	-	-	-	-	-	-	-	-
Fuel Oil	2,810,517	3,331,425	4,028,957	4,580,564	4,353,206	5,112,788	8,022,088	8,233,892	8,498,585	7,570,756
France	-	-	-	-	-	-	-	-	-	505
India	-	1,007,673	4,028,957	4,580,564	4,353,206	5,112,788	8,022,088	8,233,892	8,498,585	7,091,145
South Africa	422,635	327,479	-	-	-	-	-	-	-	-
United Arab Emirates	2,387,883	1,996,272	-	-	-	-	-	-	-	479,105
LPG	1,047,388	1,246,411	1,481,585	1,818,791	1,322,175	1,634,513	1,894,466	2,152,059	2,087,934	2,306,709
Angola	-	-	-	-	-	60,806	-	-	-	-
Australia	-	132,400	-	94,103	90,435	188,800	74,308	-	-	-
Bahrain	138,513	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	404,325	-	-	-
France	-	-	-	-	-	-	-	-	-	155
Guinea	-	-	-	605,544	-	393,192	-	-	-	69
India	-	-	-	165,363	63,092	-	-	-	135,982	-
Indonesia	55,155	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	710,991	386,745	138,978	-	-	-
Korea, republic of	-	-	-	-	-	-	-	-	-	34
Madagascar	-	-	-	172,432	103,463	-	-	-	-	-
Malaysia	728,873	625,405	-	-	-	-	-	-	-	-
Oman	-	274,834	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	1,214,822	523,424	-	61,680	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	316,515
South Africa	-	183,519	940	181,107	-	-	329	-	-	393
Taiwan	-	-	-	76,818	-	-	-	-	-	-
United Arab Emirates	95,634	30,252	265,822	-	278,968	543,290	1,276,527	2,152,059	1,951,953	1,989,543
Vietnam	-	-	-	-	75,226	-	-	-	-	-
Yemen	29,213	-	-	-	-	-	-	-	-	-
All energy sources	14,989,136	18,821,562	21,640,005	27,635,115	17,999,106	24,720,735	30,973,930	33,420,576	34,915,218	31,146,106
Percentage of total imports value	16.1%	16.3%	17.9%	20.9%	15.2%	18.3%	20.9%	20.8%	21.1%	18.1%

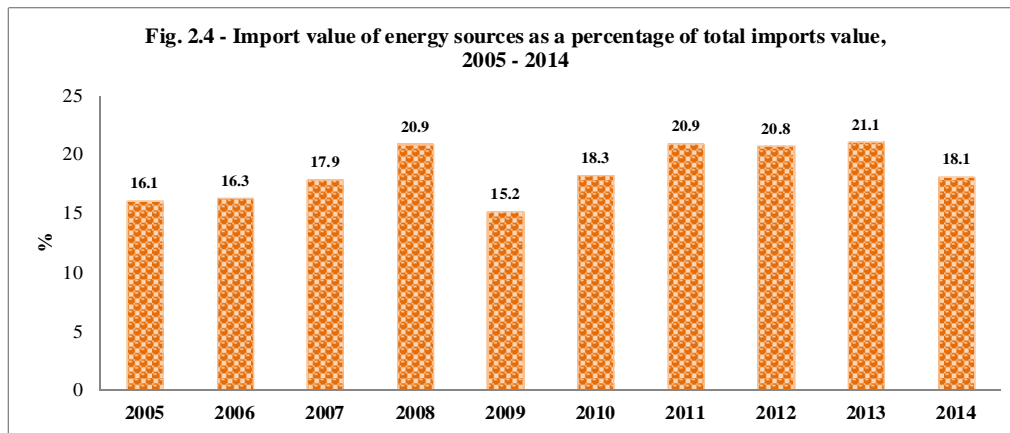
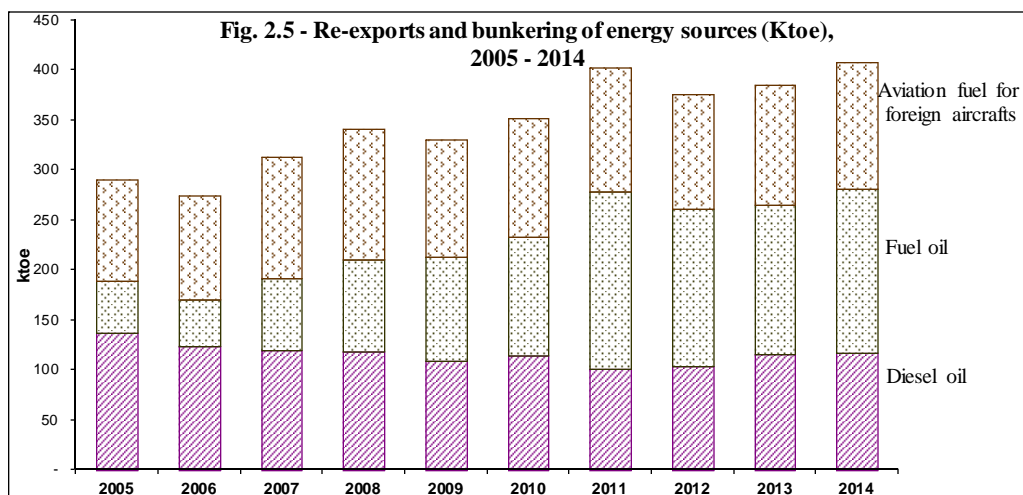


Table 2.6 - Re-exports and bunkering of energy sources, 2005 - 2014

Energy re-exported	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	96.9	100.0	116.8	125.5	112.7	115.0	118.7	110.3	115.9	121.7
Diesel oil	135.4	122.3	118.4	117.3	108.6	113.2	100.2	102.7	114.1	116.7
Fuel oil	54.7	49.1	75.7	96.2	107.7	123.4	185.0	163.3	156.1	170.6
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	100.7	104.0	121.4	130.5	117.2	119.6	123.5	114.7	120.5	126.6
Diesel oil	136.8	123.5	119.5	118.5	109.7	114.3	101.2	103.7	115.2	117.8
Fuel oil	52.6	47.1	72.6	92.3	103.4	118.5	177.6	156.8	149.8	163.7
Total	290.1	274.7	313.6	341.3	330.3	352.4	402.3	375.2	385.6	408.2
	<i>Percentage share (%)</i>									
Aviation fuel for foreign aircraft	34.7	37.9	38.7	38.2	35.5	33.9	30.7	30.6	31.3	31.0
Diesel oil	47.2	45.0	38.1	34.7	33.2	32.4	25.2	27.6	29.9	28.9
Fuel oil	18.1	17.2	23.2	27.1	31.3	33.6	44.2	41.8	38.9	40.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0



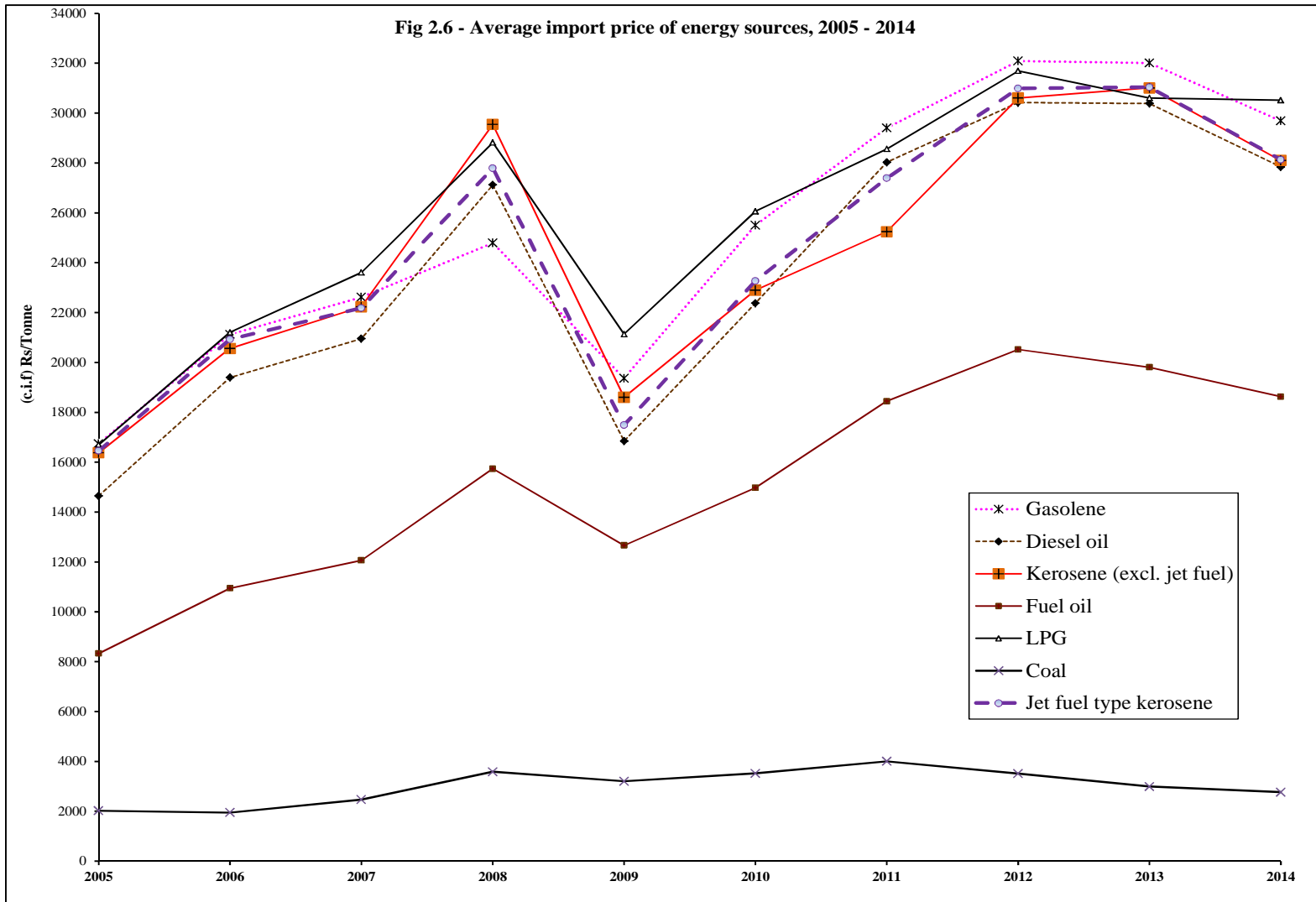
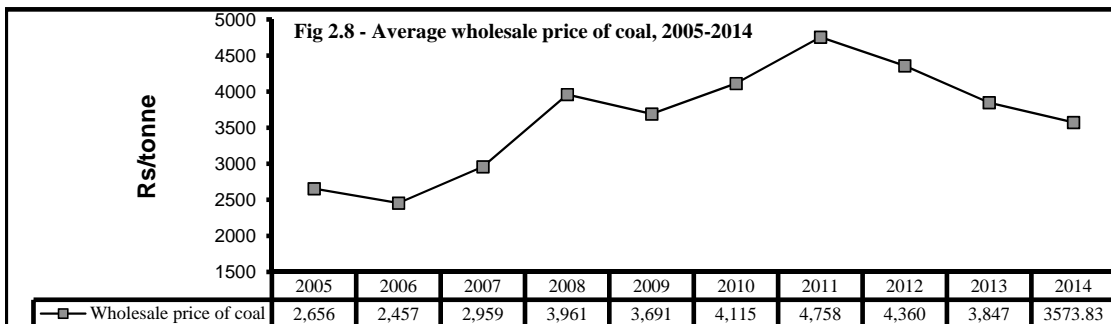
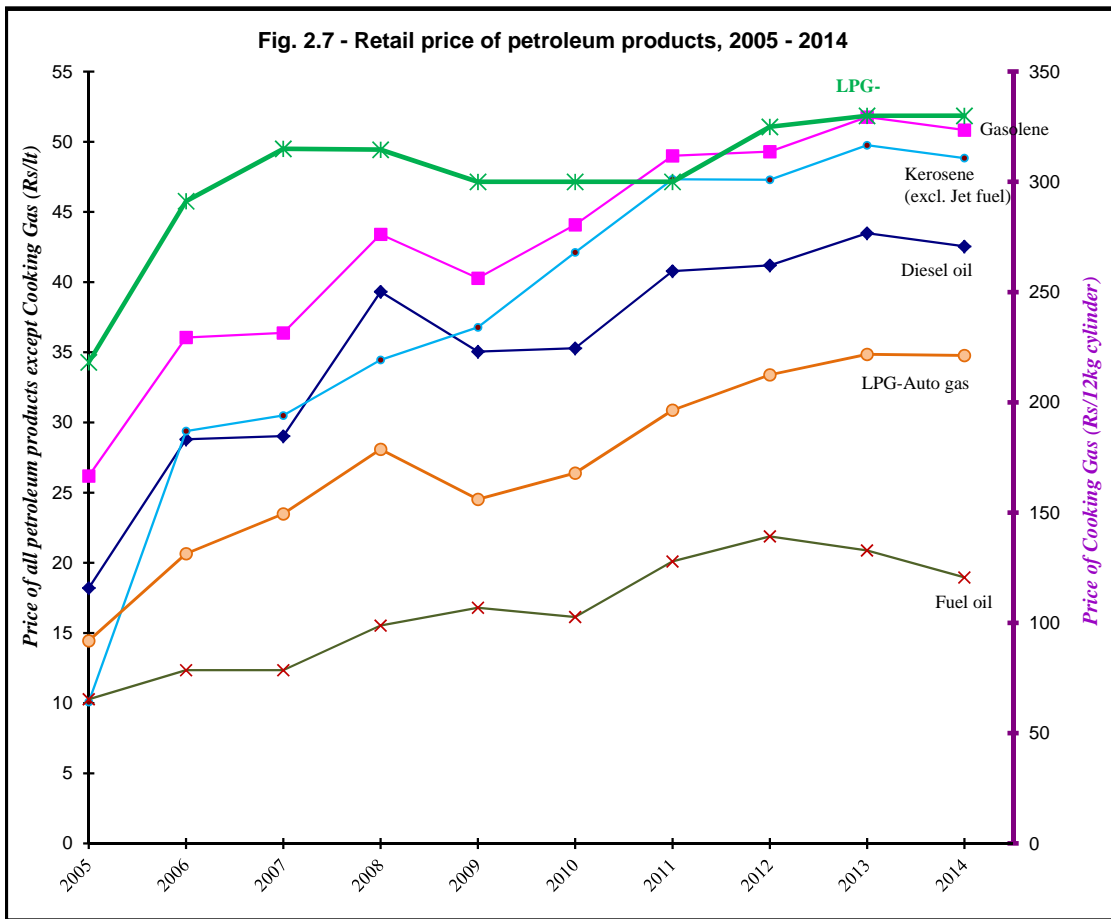


Table 2.8 - Average retail price (Rupees) of petroleum products used as energy sources, 2005 - 2014

Energy sources	Unit	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
		Rupees									
Gasolene	1 Lt	26.19	36.06	36.38	43.41	40.28	44.09	49.01	49.30	51.76	50.84
Diesel oil	1 Lt	18.20	28.80	29.03	39.32	35.05	35.29	40.79	41.20	43.49	42.55
Kerosene (excl. jet fuel)	1 Lt	10.08	29.39	30.50	34.46	36.78	42.12	47.33	47.30	49.76	48.84
Fuel Oil ^{1/}	1 Lt	10.28	12.35	12.35	15.53	16.80	16.14	20.10	21.88	20.88	18.96
LPG - Cooking Gas	12 Kg	218.20	291.25	315.00	314.60	300.00	300.00	300.00	325.00	330.00	330.00
LPG- Auto Gas	1 Lt	14.45	20.65	23.49	28.09	24.53	26.40	30.88	33.40	34.86	34.78

^{1/} Not retail price but sales price of STC



Section III

Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation, sales and total consumption of electricity, 2005 - 2014

Year	Plant capacity ¹ (MW)				Peak Power Demand (MW)		Electricity generated (GWh)							Sales (GWh)	Total Consumption (GWh)
	Installed		Effective				Hydro	Wind	Photo-voltaic	Thermal		Total	Available for sales		
	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.	Landfill gas	Other									
										Isl. of Mtius	Rod.				
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	2,069.23	2,340.89
2010	729.1	11.1	655.2	10.1	404.1	6.1	100.73	2.51	-	-	2,585.47	2,688.71	2,408.14	2,173.91	2,454.48
2011	726.4	11.1	659.2	10.1	412.5	6.4	56.48	2.83	-	3.14	2,676.14	2,738.59	2,466.29	2,228.23	2,500.53
2012	767.6	13.7	682.6	12.9	430.1	6.6	74.07	3.57	0.90	17.80	2,700.80	2,797.14	2,529.10	2,294.36	2,561.71
2013	764.6	13.6	687.3	12.7	441.1	6.9	94.84	3.61	2.71	20.01	2,764.12	2,885.29	2,611.12	2,384.14	2,658.30
2014	768.5	13.7	697.0	12.8	446.2	7.2	90.84	3.17	24.62	21.33	2,796.98	2,936.94	2,679.15	2,452.20	2,709.90

¹ Includes plant capacity for electricity not exported to CEB

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

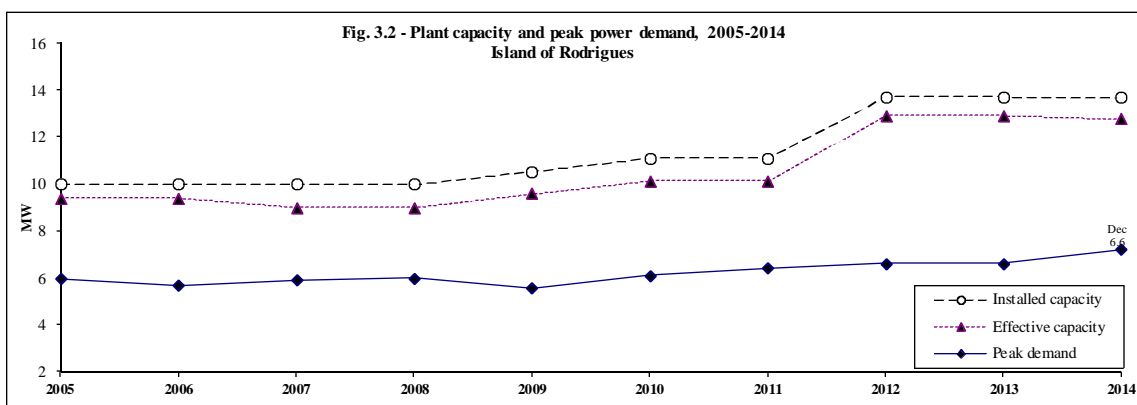
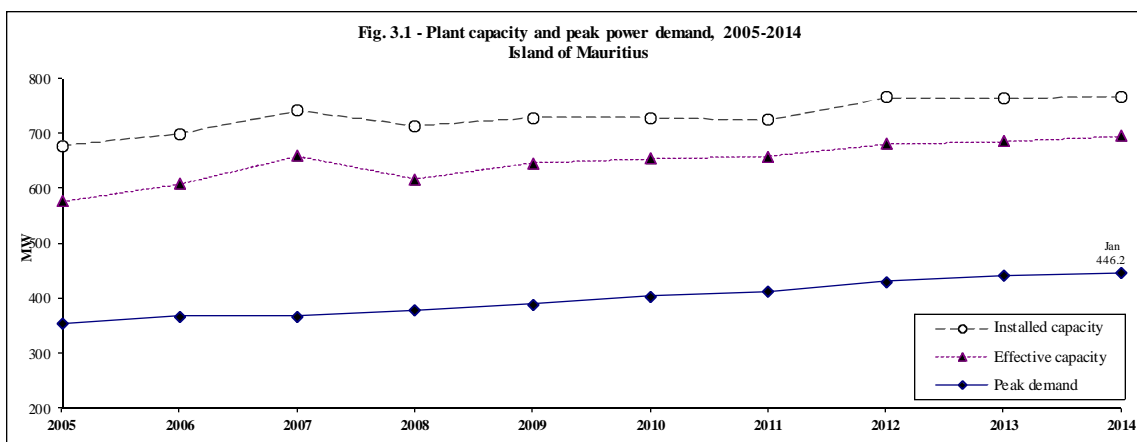


Table 3.2 - Plant capacity , 2014

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity (MW)			Plant capacity (MW)	
	Installed	Effective		Installed	Effective
Hydro:	60.74	56.30	Photovoltaic	18.21	18.21
Champagne	30.00	28.00	Island of Mauritius	18.12	18.12
Ferney	10.00	10.00	Island of Rodrigues	0.09	0.09
Tamarind Falls	11.70	9.50			
Le Val	4.00	4.00			
Reduit	1.20	1.00	Thermal:		
Cascade Cecile	1.00	1.00	<u>Firm producers¹</u>	<u>258.80</u>	<u>224.50</u>
Magenta	0.94	0.90	F.U.E.L.	36.70	33.00
Midlands Dam	0.35	0.35	Compagnie thermique de Belle Vue	71.20	62.00
La Nicoliere F.C	0.35	0.35	Consolidated energy limited	28.40	25.50
La Ferme	1.20	1.20	Compagnie thermique du Sud	32.50	30.00
Wind:			Compagnie thermique de Savannah	90.00	74.00
Island of Rodrigues	1.28	1.28	<u>Continuous producers²</u>	<u>12.50</u>	<u>12.50</u>
Thermal:			Medine	12.50	12.50
<u>Island of Mauritius</u>	<u>415.00</u>	<u>382.60</u>	<u>Landfill gas (Sotravic Ltd)</u>	<u>3.30</u>	<u>3.00</u>
St Louis	89.00	66.60			
Fort Victoria	109.60	107.00			
Nicolay	78.40	75.00			
Fort George	138.00	134.00			
<u>Island of Rodrigues</u>	<u>12.30</u>	<u>11.40</u>			
Total	489.32	451.58	Total	292.81	258.21
Total plant capacity			Installed	Effective	
1. Island of Mauritius			768.46	697.02	
CEB			475.74	438.90	
IPP			292.72	258.12	
<i>of which involved in export to CEB</i>			290.22	242.12	
2. Island of Rodrigues			13.67	12.77	
CEB			13.58	12.68	
IPP			0.09	0.09	
Total			782.13	709.79	

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

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

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

Table 3.3 - Electricity generation¹ by source of energy, 2005 - 2014

Source of energy	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	GWh									
Primary energy	115.3	77.1	84.3	108.4	123.9	103.2	62.5	96.3	121.2	140.0
Hydro	114.9	76.6	83.9	108.0	122.4	100.7	56.5	74.1	94.8	90.8
Landfill gas	-	-	-	-	-	-	3.1	17.8	20.0	21.3
Photovoltaic / Wind	0.4	0.4	0.4	0.4	1.5	2.5	2.8	4.5	6.3	27.8
<i>Island of Mauritius</i>	-	-	-	-	-	-	-	0.9	2.7	24.5
<i>Island of Rodrigues</i>	0.4	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.3
Secondary energy	2,156.8	2,273.2	2,380.4	2,448.8	2,453.5	2,585.5	2,676.1	2,700.8	2,764.1	2,797.0
Gas turbine (kerosene)	56.2	5.7	3.2	6.6	15.3	18.9	11.6	11.0	1.7	2.0
Diesel & Fuel oil	1,038.0	1,023.4	915.7	827.1	938.0	976.6	1,058.7	1,057.0	1,076.1	1,079.3
<i>Island of Mauritius</i>	1,008.4	993.0	885.2	796.4	907.8	947.0	1,028.4	1,027.0	1,044.1	1,045.2
<i>Island of Rodrigues</i>	29.6	30.3	30.5	30.8	30.2	29.6	30.3	30.0	32.0	34.1
Coal ¹	609.7	798.3	993.6	1,128.7	1,015.3	1,115.9	1,119.4	1,162.3	1,213.6	1,259.5
Bagasse ¹	452.9	445.7	467.9	486.4	485.0	474.1	486.5	470.5	472.8	456.2
Total	2,272.1	2,350.2	2,464.6	2,557.2	2,577.4	2,688.7	2,738.6	2,797.1	2,885.3	2,936.9
<i>Island of Mauritius</i>	2,242.1	2,319.5	2,433.8	2,526.1	2,545.7	2,656.6	2,705.5	2,763.5	2,849.7	2,899.5
<i>Island of Rodrigues</i>	30.0	30.8	30.9	31.1	31.7	32.1	33.1	33.6	35.6	37.4
	Percentage share (%)									
Primary energy	5.1	3.3	3.4	4.2	4.8	3.8	2.3	3.4	4.2	4.8
Hydro	5.1	3.3	3.4	4.2	4.7	3.7	2.1	2.6	3.3	3.1
Landfill gas	-	-	-	-	-	-	0.1	0.6	0.7	0.7
Photovoltaic / Wind	-	-	-	-	-	-	0.1	0.2	0.2	0.9
<i>Island of Mauritius</i>	-	-	-	-	-	-	-	0.0	0.1	0.8
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Secondary energy	94.9	96.7	96.6	95.8	95.2	96.2	97.7	96.6	95.8	95.2
Gas turbine (kerosene)	2.5	0.2	0.1	0.3	0.6	0.7	0.4	0.4	0.1	0.1
Diesel & Fuel oil	45.7	43.5	37.2	32.3	36.4	36.3	38.7	37.8	37.3	36.7
<i>Island of Mauritius</i>	44.4	42.3	35.9	31.1	35.2	35.2	37.6	36.7	36.2	35.6
<i>Island of Rodrigues</i>	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2
Coal	26.8	34.0	40.3	44.1	39.4	41.5	40.9	41.6	42.1	42.9
Bagasse	19.9	19.0	19.0	19.0	18.8	17.6	17.8	16.8	16.4	15.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>Island of Mauritius</i>	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.7
<i>Island of Rodrigues</i>	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3

¹ Estimates

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

Table 3.4 - Electricity Exported to CEB by energy source, 2005 - 2014

Source of energy	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	GWh									
Coal	533.8	719.5	879.9	998.7	875.0	966.6	981.0	1,021.4	1,067.2	1,125.4
Bagasse	301.6	296.2	346.8	366.4	353.6	342.8	352.6	344.0	346.5	334.5
Landfill gas	-	-	-	-	-	-	3.1	17.8	20.0	21.3
Photovoltaic / Wind	-	-	-	-	-	-	-	0.3	1.3	22.7
<i>Island of Mauritius</i>	-	-	-	-	-	-	-	0.3	1.24	22.63
<i>Island of Rodrigues</i> ¹	-	-	-	-	-	-	-	-	0.01	0.09
Total	835.4	1,015.7	1,226.7	1,365.1	1,228.6	1,309.4	1,336.7	1,383.4	1,434.9	1,504.0
<i>of which renewables</i>	301.6	296.2	346.8	366.4	353.6	342.8	355.7	362.1	367.8	378.6
	Percentage share (%)									
Coal	63.9	70.8	71.7	73.2	71.2	73.8	73.4	73.8	74.4	74.8
Bagasse	36.1	29.2	28.3	26.8	28.8	26.2	26.4	24.9	24.1	22.2
Landfill gas	-	-	-	-	-	-	0.2	1.3	1.4	1.4
Photovoltaic / Wind	-	-	-	-	-	-	-	0.0	0.1	1.5
<i>Island of Mauritius</i>	-	-	-	-	-	-	-	0.0	0.1	1.5
<i>Island of Rodrigues</i> ¹	-	-	-	-	-	-	-	-	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which renewables</i>	36.1	29.2	28.3	26.8	28.8	26.2	26.6	26.2	25.6	25.2

¹ Only photovoltaic

Source: Central Electricity Board

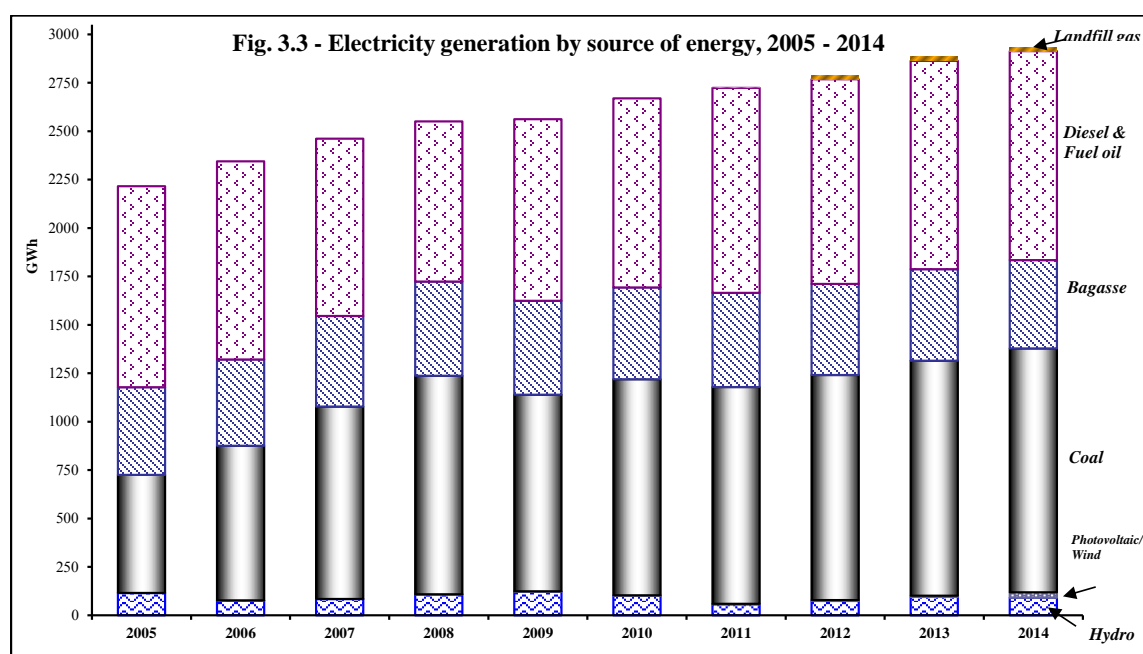


Table 3.5 - Generation of electricity by CEB and IPP, 2005 - 2014

	GWh									
Power station	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CEB	1,209.5	1,106.1	1,003.1	942.1	1,077.2	1,098.8	1,129.6	1,145.7	1,176.2	1,175.3
Hydro	114.9	76.6	83.9	108.0	122.4	100.7	56.5	74.1	94.8	90.8
Wind	0.4	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.2
Island of Rodrigues	0.4	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.2
Thermal	1,094.2	1,029.1	918.9	833.7	953.2	995.5	1,070.3	1,068.0	1,077.8	1,081.2
Island of Mauritius	1,064.6	998.7	888.4	802.9	923.0	966.0	1,040.0	1,038.0	1,045.8	1,047.2
Island of Rodrigues	29.6	30.3	30.5	30.8	30.2	29.6	30.3	30.0	32.0	34.1
IPP	1,062.6	1,244.1	1,461.5	1,615.1	1,500.3	1,589.9	1,609.0	1,651.5	1,709.1	1,761.7
Of which: exported to CEB	835.4	1,015.7	1,226.7	1,365.1	1,228.6	1,309.4	1,336.7	1,383.4	1,434.9	1,504.0
Hydro	-	-	-	-	-	-	-	-	-	-
Photovoltaic / Wind	-	-	-	-	-	-	-	0.9	2.7	24.6
Island of Mauritius	-	-	-	-	-	-	-	0.9	2.7	24.5
Island of Rodrigues	-	-	-	-	-	-	-	-	0.02	0.14
Thermal	1,062.6	1,244.1	1,461.5	1,615.1	1,500.3	1,589.9	1,609.0	1,650.6	1,706.4	1,737.1
Coal	609.7	798.3	993.6	1,128.7	1,015.3	1,115.9	1,119.4	1,162.3	1,213.6	1,259.5
Bagasse	452.9	445.7	467.9	486.4	485.0	474.1	486.5	470.5	472.8	456.2
Landfill gas	-	-	-	-	-	-	3.1	17.8	20.0	21.3
Total	2,272.1	2,350.2	2,464.6	2,557.2	2,577.4	2,688.7	2,738.6	2,797.1	2,885.3	2,936.9
of which renewables	568.2	522.8	552.2	594.8	608.9	577.3	548.9	566.8	594.0	596.2
Available for sales										
CEB	1,209.5	1,106.1	1,003.1	942.1	1,077.2	1,098.8	1,129.6	1,145.7	1,176.2	1,175.3
Of which: Island of Rodrigues	30.0	30.8	30.9	31.1	31.7	32.1	33.1	33.6	35.6	37.3
IPP export to CEB	835.4	1,015.7	1,226.7	1,365.1	1,228.6	1,309.4	1,336.7	1,383.4	1,434.9	1,504.0
Of which: Island of Rodrigues	-	-	-	-	-	-	-	-	0.01	0.09
Total available for sales	2,044.9	2,121.9	2,229.8	2,307.2	2,305.8	2,408.1	2,466.3	2,529.1	2,611.1	2,679.2
of which renewables	416.9	373.3	431.1	474.8	477.5	446.0	415.0	439.7	466.2	472.6

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

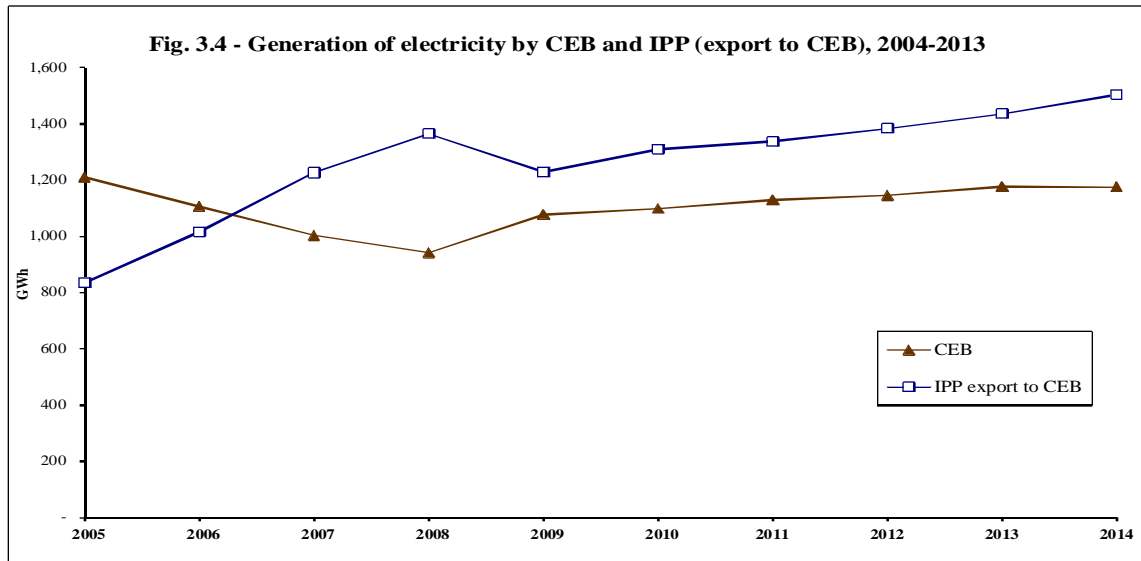
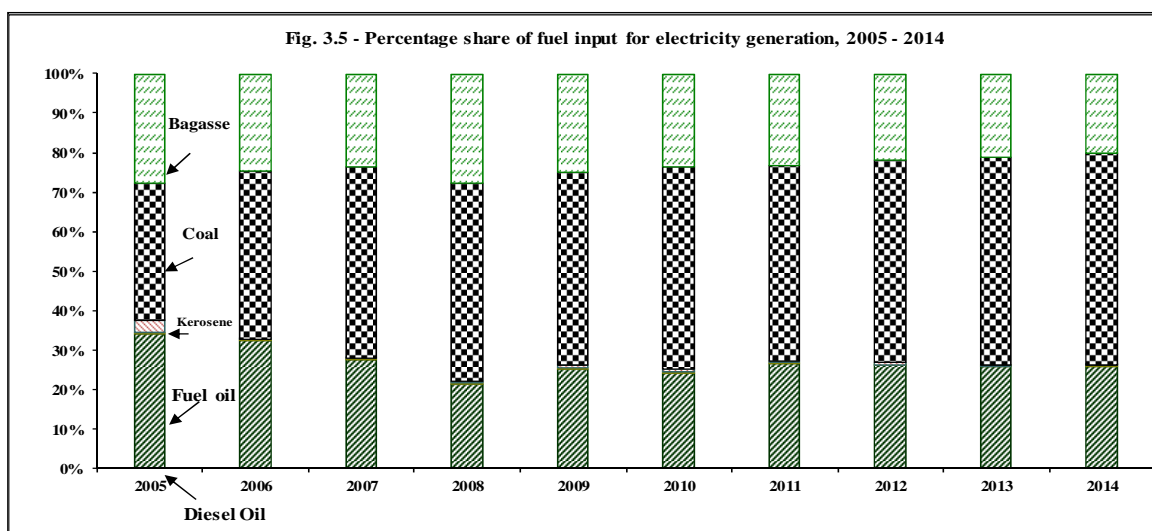


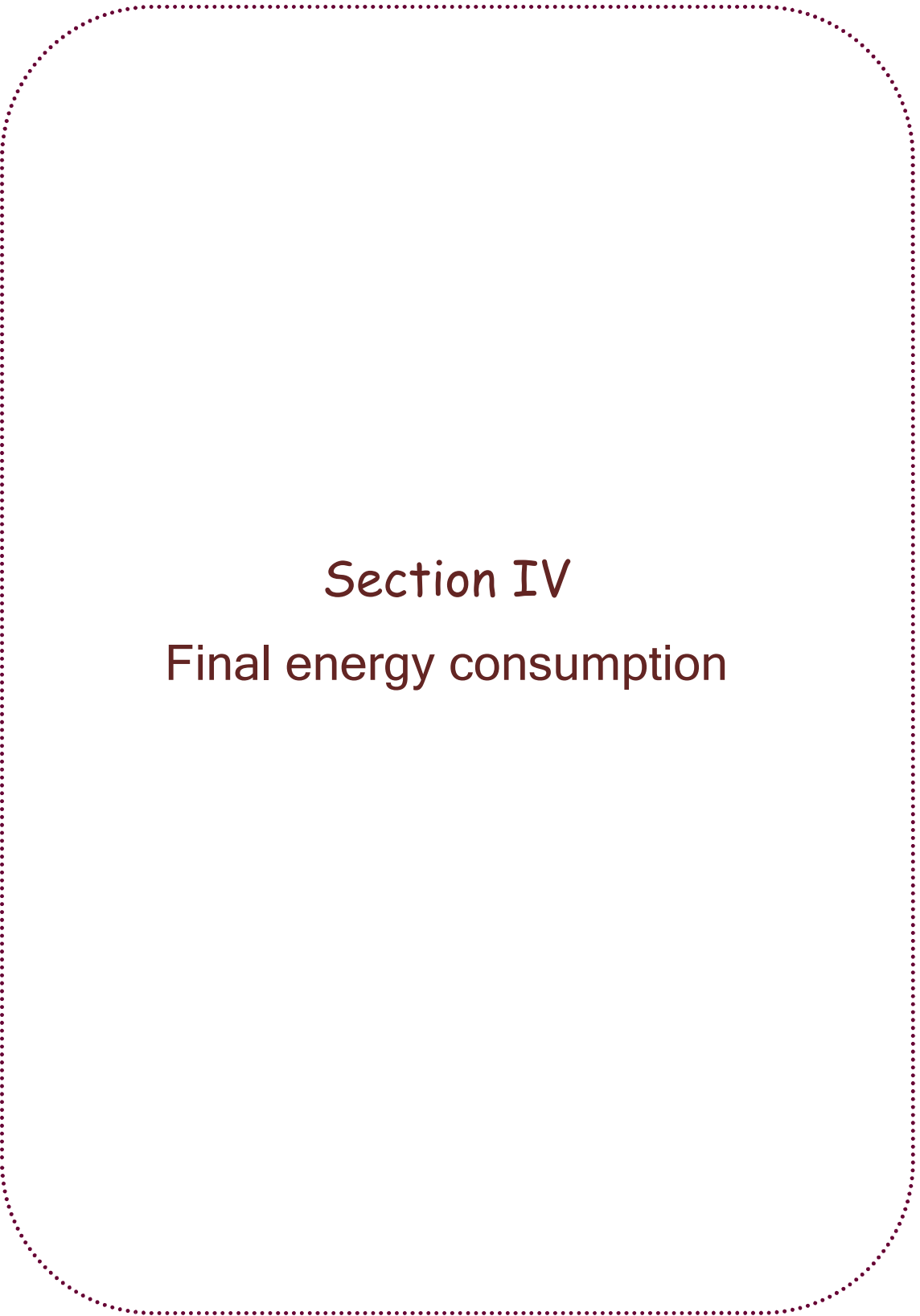
Table 3.6 - Percentage share of electricity generated by CEB and IPP, 2005 - 2014

Power station	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CEB	53.2	47.1	40.7	36.8	41.8	40.9	41.2	41.0	40.8	40.0
Hydro	5.1	3.3	3.4	4.2	4.7	3.7	2.1	2.6	3.3	3.1
Wind	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Island of Rodrigues	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Thermal	48.2	43.8	37.3	32.6	37.0	37.0	39.1	38.2	37.4	36.8
Island of Mauritius	46.9	42.5	36.0	31.4	35.8	35.9	38.0	37.1	36.2	35.7
Island of Rodrigues	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2
IPP	46.8	52.9	59.3	63.2	58.2	59.1	58.8	59.0	59.2	60.0
Of which: exported to CEB	78.6	81.6	83.9	84.5	81.9	82.4	83.1	83.8	84.0	85.4
Hydro	-	-	-	-	-	-	-	-	-	-
Photovoltaic / Wind	-	-	-	-	-	-	-	0.0	0.1	0.8
Island of Mauritius	-	-	-	-	-	-	-	1.0	0.1	0.8
Island of Rodrigues	-	-	-	-	-	-	-	-	0.0	0.0
Thermal	46.8	52.9	59.3	63.2	58.2	59.1	58.8	59.0	59.1	59.1
Coal	26.8	34.0	40.3	44.1	39.4	41.5	40.9	41.6	42.1	42.9
Bagasse	19.9	19.0	19.0	19.0	18.8	17.6	17.8	16.8	16.4	15.5
Landfill gas	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.7	0.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
of which renewables	25.0	22.2	22.4	23.3	23.6	21.5	20.0	20.3	20.6	20.3
Available for sales										
CEB	59.1	52.1	45.0	40.8	46.7	45.6	45.8	45.3	45.0	43.9
Of which: Island of Rodrigues	1.5	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.4	1.4
IPP export to CEB	40.9	47.9	55.0	59.2	53.3	54.4	54.2	54.7	55.0	56.1
Of which: Island of Rodrigues	-	-	-	-	-	-	-	-	0.0	0.0
Total available for sales	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
of which renewables	20.4	17.6	19.3	20.6	20.6	18.4	16.7	17.2	17.7	17.5

Table 3.7 - Fuel input for electricity generation, 2005 - 2014

Fuel	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Tonne									
Fuel oil	217,053	226,541	201,820	167,546	190,604	196,882	214,517	213,032	216,190	221,345
<i>Island of Mauritius</i>	210,144	219,969	195,081	160,359	183,678	190,108	207,576	206,146	208,865	213,588
<i>Island of Rodrigues</i>	6,909	6,572	6,740	7,188	6,926	6,774	6,941	6,886	7,325	7,757
Diesel oil	2,127	2,531	2,746	1,901	2,761	1,997	1,523	1,857	1,269	1,229
<i>Island of Mauritius</i>	1,909	2,232	2,638	1,721	2,558	1,875	1,354	1,728	1,190	1,125
<i>Island of Rodrigues</i>	217	299	108	180	203	122	169	129	79	104
Kerosene	17,731	1,848	1,067	2,095	4,924	6,008	3,659	3,437	645	681
Coal	340,675	462,784	552,632	609,745	574,141	643,049	617,297	649,157	683,207	711,236
Bagasse ¹	1,055,742	1,036,598	1,040,286	1,300,939	1,135,588	1,140,383	1,119,040	1,077,786	1,056,146	1,030,563
	ktoe									
Fuel oil	208.37	217.48	193.75	160.84	182.98	189.00	205.93	204.51	207.54	212.49
<i>Island of Mauritius</i>	201.74	211.17	187.28	153.94	176.33	182.50	199.27	197.90	200.51	205.04
<i>Island of Rodrigues</i>	6.63	6.31	6.47	6.90	6.65	6.50	6.66	6.61	7.03	7.45
Diesel oil	2.15	2.56	2.77	1.92	2.79	2.01	1.54	1.88	1.28	1.24
<i>Island of Mauritius</i>	1.93	2.25	2.66	1.74	2.58	1.89	1.37	1.75	1.20	1.14
<i>Island of Rodrigues</i>	0.22	0.30	0.11	0.18	0.21	0.12	0.17	0.13	0.08	0.11
Kerosene	18.44	1.92	1.11	2.18	5.12	6.25	3.81	3.57	0.67	0.71
Coal	211.22	286.93	342.63	378.04	355.97	398.69	382.72	402.48	423.59	440.97
Bagasse ¹	168.92	165.86	166.45	208.15	181.69	182.46	179.05	172.45	168.98	164.89
Total	609.10	674.74	706.71	751.14	728.55	778.42	773.05	784.88	802.07	820.30
<i>Island of Mauritius</i>	<i>602.24</i>	<i>668.13</i>	<i>700.13</i>	<i>744.05</i>	<i>721.70</i>	<i>771.80</i>	<i>766.22</i>	<i>778.14</i>	<i>794.95</i>	<i>812.75</i>
<i>Island of Rodrigues</i>	<i>6.85</i>	<i>6.61</i>	<i>6.58</i>	<i>7.08</i>	<i>6.85</i>	<i>6.63</i>	<i>6.83</i>	<i>6.74</i>	<i>7.11</i>	<i>7.55</i>
	Percentage share (%)									
Fuel oil	34.2	32.2	27.4	21.4	25.1	24.2	26.6	26.1	25.9	25.9
<i>Island of Mauritius</i>	33.1	31.3	26.5	20.5	24.2	23.4	25.8	25.2	25.0	25.0
<i>Island of Rodrigues</i>	1.1	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.9	0.9
Diesel oil	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2
<i>Island of Mauritius</i>	0.3	0.3	0.4	0.2	0.4	0.2	0.2	0.2	0.1	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	0.0
Kerosene	3.0	0.3	0.2	0.3	0.7	0.8	0.5	0.5	0.1	0.1
Coal	34.7	42.5	48.5	50.3	48.9	51.2	49.5	51.3	52.8	53.8
Bagasse ¹	27.7	24.6	23.6	27.7	24.9	23.4	23.2	22.0	21.1	20.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>Island of Mauritius</i>	<i>98.9</i>	<i>99.0</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>
<i>Island of Rodrigues</i>	<i>1.1</i>	<i>1.0</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>

¹ Estimates



Section IV
Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 2005 - 2014

	ktoe									
Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1. Manufacturing	244.61	266.61	259.36	243.49	220.45	231.16	222.41	215.48	212.27	210.74
2. Transport	422.63	429.99	415.60	410.65	394.89	421.59	435.29	427.26	438.78	454.14
3. Commercial and Distributive Trade	55.66	62.67	65.23	69.05	72.29	76.44	80.66	83.67	88.06	92.52
4. Household	115.43	108.86	108.77	110.15	113.11	116.89	117.40	120.12	123.39	126.48
5. Agriculture	4.70	4.78	4.90	4.48	4.07	4.40	4.30	4.50	4.53	4.60
6. Other (n.e.s) and losses	3.05	3.39	3.64	3.81	3.76	3.53	2.97	3.37	3.55	3.45
TOTAL	846.08	876.30	857.50	841.63	808.57	854.01	863.02	854.41	870.57	891.93

Table 4.2 - Percentage share of final energy consumption by sector, 2005 - 2014

	%									
Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1. Manufacturing	28.9	30.4	30.2	28.9	27.3	27.1	25.8	25.2	24.4	23.6
2. Transport	50.0	49.1	48.5	48.8	48.8	49.4	50.4	50.0	50.4	50.9
3. Commercial and Distributive Trade	6.6	7.2	7.6	8.2	8.9	9.0	9.3	9.8	10.1	10.4
4. Household	13.6	12.4	12.7	13.1	14.0	13.7	13.6	14.1	14.2	14.2
5. Agriculture	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6. Other (n.e.s) and losses	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

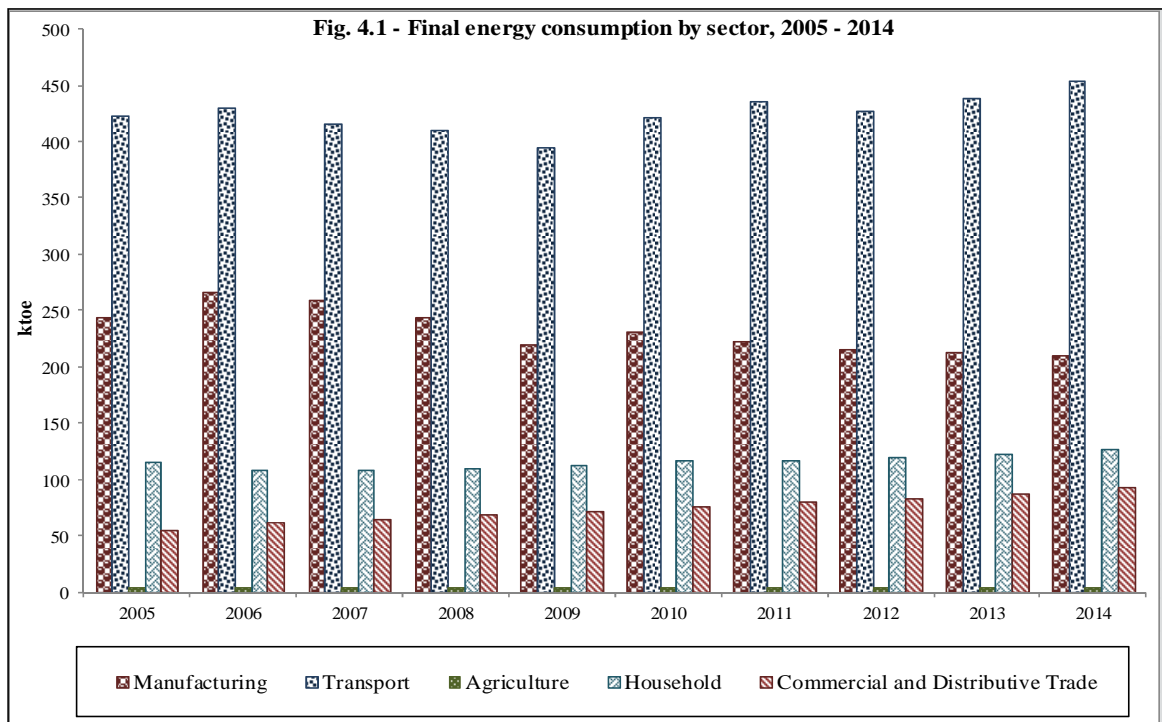


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 2005 - 2014

Sector	Unit	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1. Manufacturing											
Fuel oil	tonne	42,554	53,743	55,722	50,268	43,078	41,472	40,316	38,953	39,182	40,476
Diesel oil	tonne	41,127	49,767	48,336	46,301	45,882	46,543	43,094	41,310	35,443	36,096
LPG	tonne	3,904	3,965	4,068	4,920	5,007	5,122	5,238	5,463	5,353	5,427
Coal	tonne	23,162	21,666	19,964	41,672	21,572	24,786	24,200	25,619	27,507	31,250
Fuelwood ¹	tonne	1,400	1,425	1,425	1,425	1,426	1,426	1,425	1,410	1,385	1,343
Electricity	GWh	778.3	841.2	879.6	912.9	897.2	934.3	929.2	929.8	962.6	944.5
Bagasse	tonne	476,198	463,563	400,646	239,276	226,759	265,988	244,288	213,123	204,565	177,973
2. Transport											
Land											
Gasolene	tonne	89,498	86,886	96,463	98,867	108,871	115,266	117,370	123,352	128,928	137,244
Diesel oil	tonne	165,344	172,504	150,717	151,840	152,631	159,471	159,904	164,650	164,802	165,140
LPG	tonne	6,726	6,887	6,633	5,184	4,587	4,641	4,502	4,363	4,068	3,744
Air											
Jet Fuel	tonne	137,560	141,053	138,104	131,631	106,246	118,553	129,170	110,582	116,093	121,968
Sea											
Fuel Oil	tonne	4,209	4,355	4,845	4,371	3,746	3,537	3,575	3,674	3,525	3,641
Gasolene	tonne	3,175	2,231	2,477	2,539	2,796	2,960	3,014	3,105	3,170	3,260
Diesel oil	tonne	1,166	1,185	1,062	1,070	1,076	1,124	1,127	1,137	1,142	1,210
3. Commercial and Distributive Trade											
LPG	tonne	6,985	11,436	10,927	10,094	10,575	10,925	11,260	11,918	13,285	14,028
Charcoal ¹	tonne	380	393	407	422	437	453	469	474	483	497
Electricity	GWh	556.4	581.8	617.9	672.7	704.2	748.0	792.6	819.3	853.2	895.6
4. Household											
Kerosene	tonne	9,765	3,923	1,238	1,772	1,476	1,731	515	243	202	153
LPG	tonne	43,206	41,599	42,088	42,394	43,237	44,059	44,640	45,329	46,360	47,570
Fuelwood ¹	tonne	16,540	17,473	17,497	16,726	16,619	16,597	16,336	16,003	15,466	14,529
Charcoal ¹	tonne	130	123	126	119	119	119	116	114	111	103
Electricity	GWh	607.5	617.9	643.0	652.2	680.1	710.7	725.3	753.0	781.0	806.53
5. Agriculture											
Diesel oil ¹	tonne	2,345	2,289	2,456	2,241	2,286	2,325	2,344	2,331	2,320	2,283
Electricity	GWh	27.1	28.7	28.2	25.8	20.5	23.8	22.5	25.0	25.4	26.7

¹ Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 2005 - 2014

	ktoe									
Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1. Manufacturing	244.6	266.6	259.4	243.5	220.4	231.2	222.4	215.5	212.3	210.7
Fuel oil	40.9	51.6	53.5	48.3	41.4	39.8	38.7	37.4	37.6	38.9
Diesel oil	41.5	50.3	48.8	46.8	46.3	47.0	43.5	41.7	35.8	36.5
LPG	4.2	4.3	4.4	5.3	5.4	5.5	5.7	5.9	5.8	5.9
Coal	14.4	13.4	12.4	25.8	13.4	15.4	15.0	15.9	17.1	19.4
Fuelwood	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Electricity	66.9	72.3	75.6	78.5	77.1	80.3	79.9	79.9	82.8	81.2
Bagasse	76.2	74.2	64.1	38.3	36.3	42.6	39.1	34.1	32.7	28.5
2. Transport	422.6	430.0	415.6	410.6	394.9	421.6	435.3	427.3	438.8	454.1
Land	270.9	275.5	263.6	265.7	276.7	290.6	293.1	304.2	310.1	319.1
Gasolene	96.7	93.8	104.2	106.8	117.6	124.5	126.8	133.2	139.2	148.2
Diesel oil	167.0	174.2	152.2	153.4	154.2	161.1	161.5	166.3	166.5	166.8
LPG	7.3	7.4	7.2	5.6	5.0	5.0	4.9	4.7	4.4	4.0
Air: Jet Fuel	143.1	146.7	143.6	136.9	110.5	123.3	134.3	115.0	120.7	126.8
Sea	8.6	7.8	8.4	8.0	7.7	7.7	7.8	8.0	8.0	8.2
Fuel Oil	4.0	4.2	4.7	4.2	3.6	3.4	3.4	3.5	3.4	3.5
Gasolene	3.4	2.4	2.7	2.7	3.0	3.2	3.3	3.4	3.4	3.5
Diesel oil	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
3. Commercial and Distributive Trade	55.7	62.7	65.2	69.1	72.3	76.4	80.7	83.7	88.1	92.5
LPG	7.5	12.4	11.8	10.9	11.4	11.8	12.2	12.9	14.3	15.2
Charcoal	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Electricity	47.8	50.0	53.1	57.8	60.5	64.3	68.1	70.4	73.4	77.0
4. Household	115.4	108.9	108.8	110.1	113.1	116.9	117.4	120.1	123.4	126.5
Kerosene	10.2	4.1	1.3	1.8	1.5	1.8	0.5	0.3	0.2	0.2
LPG	46.7	44.9	45.5	45.8	46.7	47.6	48.2	49.0	50.1	51.4
Fuelwood	6.3	6.6	6.6	6.4	6.3	6.3	6.2	6.1	5.9	5.5
Charcoal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	52.2	53.1	55.3	56.1	58.5	61.1	62.4	64.7	67.1	69.3
5. Agriculture	4.7	4.8	4.9	4.5	4.1	4.4	4.3	4.5	4.5	4.6
Diesel oil	2.4	2.3	2.5	2.3	2.3	2.3	2.4	2.4	2.3	2.3
Electricity	2.3	2.5	2.4	2.2	1.8	2.0	1.9	2.1	2.2	2.3
6. Other (n.e.s) and losses	3.0	3.4	3.6	3.8	3.8	3.5	3.0	3.4	3.5	3.4
TOTAL	846.1	876.3	857.5	841.6	808.6	854.0	863.0	854.4	870.6	891.9

Table 4.5 - Percentage share of final energy consumption in ktoe by sector and type of fuel, 2005 - 2014

	%									
Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1. Manufacturing	28.9	30.4	30.2	28.9	27.3	27.1	25.8	25.2	24.4	23.6
Fuel oil	4.8	5.9	6.2	5.7	5.1	4.7	4.5	4.4	4.3	4.4
Diesel oil	4.9	5.7	5.7	5.6	5.7	5.5	5.0	4.9	4.1	4.1
LPG	0.5	0.5	0.5	0.6	0.7	0.6	0.7	0.7	0.7	0.7
Coal	1.7	1.5	1.4	3.1	1.7	1.8	1.7	1.9	2.0	2.2
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	7.9	8.3	8.8	9.3	9.5	9.4	9.3	9.4	9.5	9.1
Bagasse	9.0	8.5	7.5	4.5	4.5	5.0	4.5	4.0	3.8	3.2
2. Transport	50.0	49.1	48.5	48.8	48.8	49.4	50.4	50.0	50.4	50.9
Land	32.0	31.4	30.7	31.6	34.2	34.0	34.0	35.6	35.6	35.8
Gasolene	11.4	10.7	12.1	12.7	14.5	14.6	14.7	15.6	16.0	16.6
Diesel oil	19.7	19.9	17.8	18.2	19.1	18.9	18.7	19.5	19.1	18.7
LPG	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.5	0.5
Air: Jet Fuel	16.9	16.7	16.7	16.3	13.7	14.4	15.6	13.5	13.9	14.2
Sea	1.0	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
Fuel Oil	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Gasolene	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Diesel oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3. Commercial and Distributive Trade	6.6	7.2	7.6	8.2	8.9	9.0	9.3	9.8	10.1	10.4
LPG	0.9	1.4	1.4	1.3	1.4	1.4	1.4	1.5	1.6	1.7
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	5.7	5.7	6.2	6.9	7.5	7.5	7.9	8.2	8.4	8.6
4. Household	13.6	12.4	12.7	13.1	14.0	13.7	13.6	14.1	14.2	14.2
Kerosene	1.2	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0
LPG	5.5	5.1	5.3	5.4	5.8	5.6	5.6	5.7	5.8	5.8
Fuelwood	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	6.2	6.1	6.4	6.7	7.2	7.2	7.2	7.6	7.7	7.8
5. Agriculture	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	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	0.2	0.2	0.3	0.3	0.3
6. Other (n.e.s) and losses	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

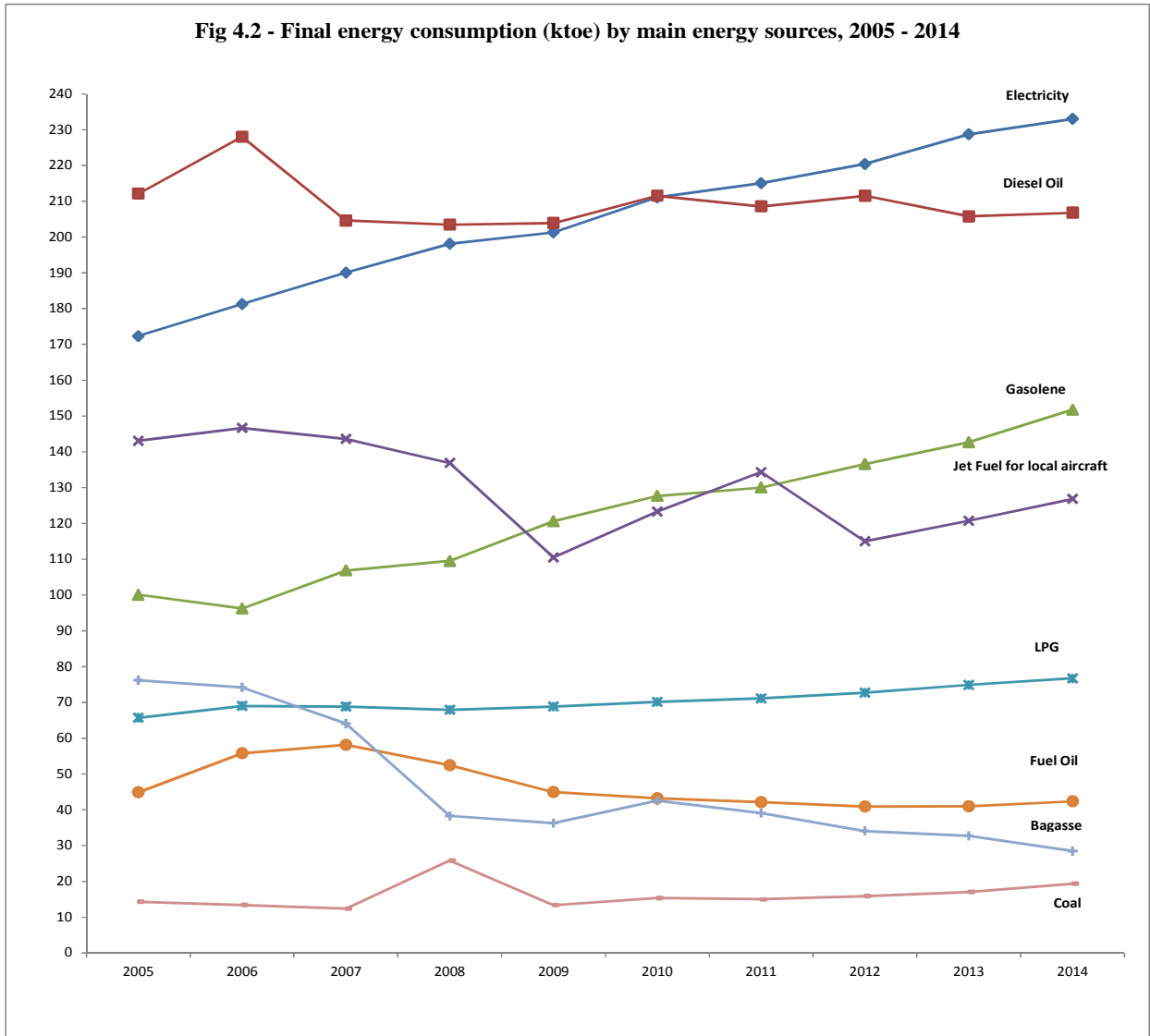


Fig 4.3 - Percentage share of energy sources in the Final Energy Consumption (ktoe) - 2005, 2009 and 2014

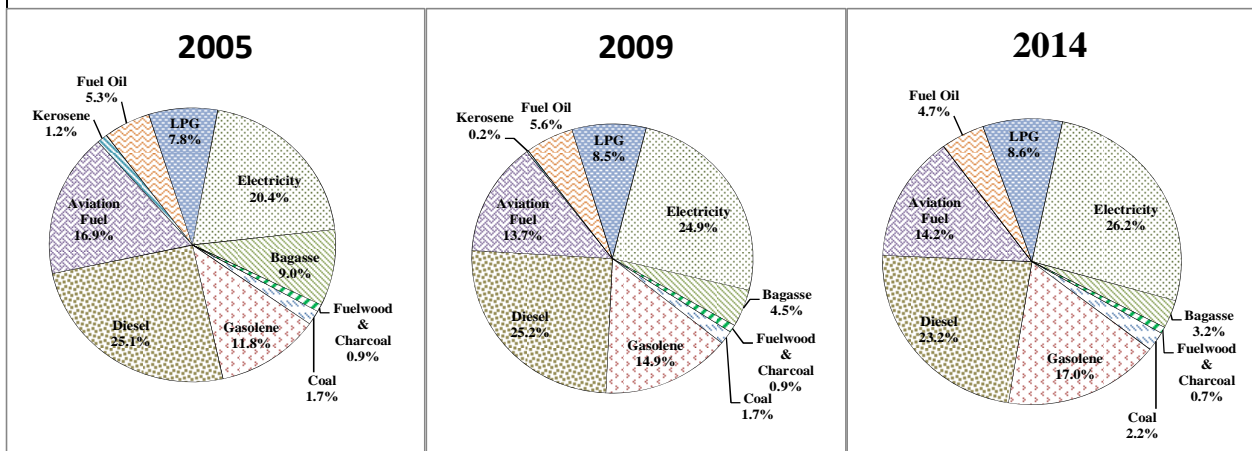


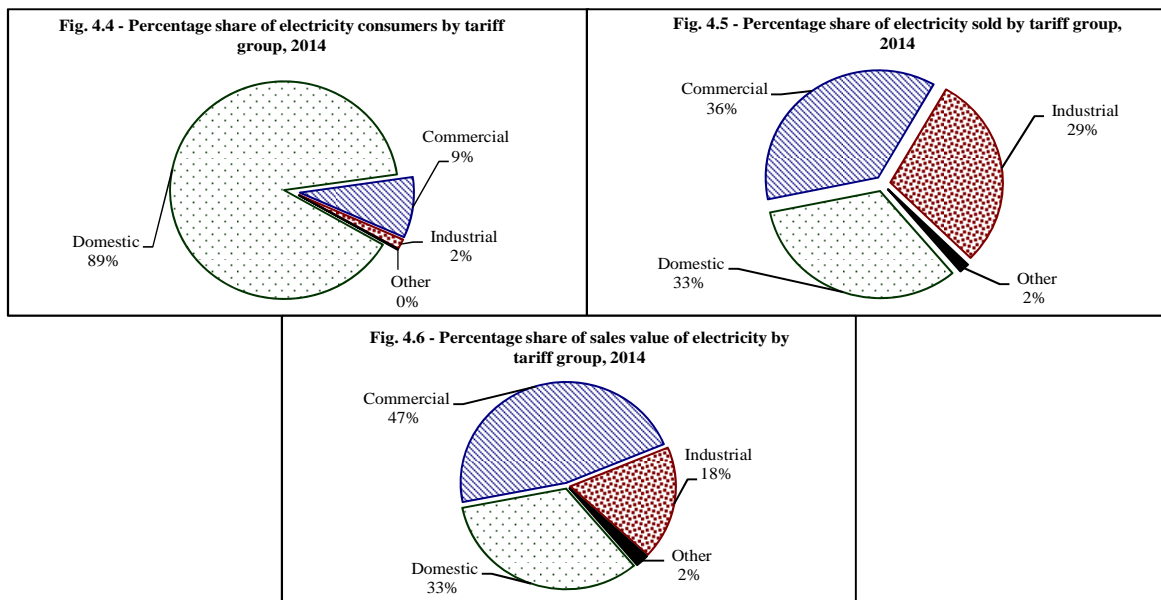
Table 4.7 - Sales of electricity by tariff group, 2005 - 2014 (Republic of Mauritius)

Tariff group	2005	2006	2007	2008	2009	2010	2011	2012	2013 ¹	2014
Number of consumers										
Domestic	328,726	335,816	343,142	350,627	358,359	364,474	372,315	381,096	388,910	396,335
Commercial	31,891	33,089	34,388	35,721	36,151	36,956	37,685	38,539	39,199	40,089
Industrial	7,316	7,364	7,435	7,295	7,143	7,008	6,818	6,763	6,703	6,593
Other	338	349	356	369	403	429	465	507	550	610
Total	368,271	376,618	385,321	394,012	402,056	408,867	417,283	426,905	435,362	443,627
GWh sold										
Domestic	607.5	617.9	643.0	652.2	680.1	710.7	725.3	753.0	780.8	806.3
Commercial	556.4	581.8	617.9	672.7	704.2	748.0	792.6	818.7	852.0	894.1
Industrial	578.1	641.6	673.0	688.7	646.1	677.6	679.4	687.4	715.2	715.2
Other	35.4	38.5	41.4	40.0	38.9	37.6	30.9	35.3	36.1	36.6
Total	1,777.5	1,879.8	1,975.3	2,053.7	2,069.2	2,173.9	2,228.2	2,294.4	2,384.1	2,452.2
Value sold (Rs.mm)										
Domestic	2,031.8	2,264.1	2,463.6	3,145.5	3,451.6	3,730.3	4,066.7	4,298.5	4,467.3	4,640.2
Commercial	2,312.4	2,779.1	3,109.5	4,439.4	4,827.8	5,269.3	5,862.4	6,092.9	6,286.3	6,569.7
Industrial	1,268.3	1,532.4	1,691.6	2,203.6	2,109.1	2,271.0	2,392.1	2,450.5	2,532.8	2,545.2
Other	159.2	194.3	216.8	275.0	275.6	274.3	240.1	269.6	239.0	285.0
Total	5,771.7	6,769.9	7,481.5	10,063.5	10,664.1	11,544.9	12,561.3	13,111.5	13,525.4	14,040.1
Average sales price* (Rs./kWh)										
Domestic	3.34	3.66	3.83	4.82	5.07	5.25	5.61	5.71	5.72	5.76
Commercial	4.16	4.78	5.03	6.60	6.86	7.04	7.40	7.44	7.38	7.35
Industrial	2.19	2.39	2.51	3.20	3.26	3.35	3.52	3.56	3.54	3.56
Other	4.49	5.04	5.24	6.87	7.09	7.29	7.77	7.64	6.62	7.78
Total	3.25	3.60	3.79	4.90	5.15	5.31	5.64	5.71	5.67	5.73
Average no. of units per consumer (kWh)										
Domestic	1,848	1,840	1,874	1,860	1,898	1,950	1,948	1,976	2,008	2,034
Commercial	17,447	17,583	17,970	18,832	19,479	20,239	21,033	21,244	21,736	22,303
Industrial	79,022	87,123	90,514	94,414	90,445	96,692	99,654	101,641	106,701	108,474
Other	104,843	110,409	116,273	108,498	96,429	87,671	66,469	69,563	65,692	60,067
Total	4,827	4,991	5,126	5,212	5,147	5,317	5,340	5,374	5,476	5,528

¹ Revised

* Excluding VAT & meter rent

Source: Central Electricity Board



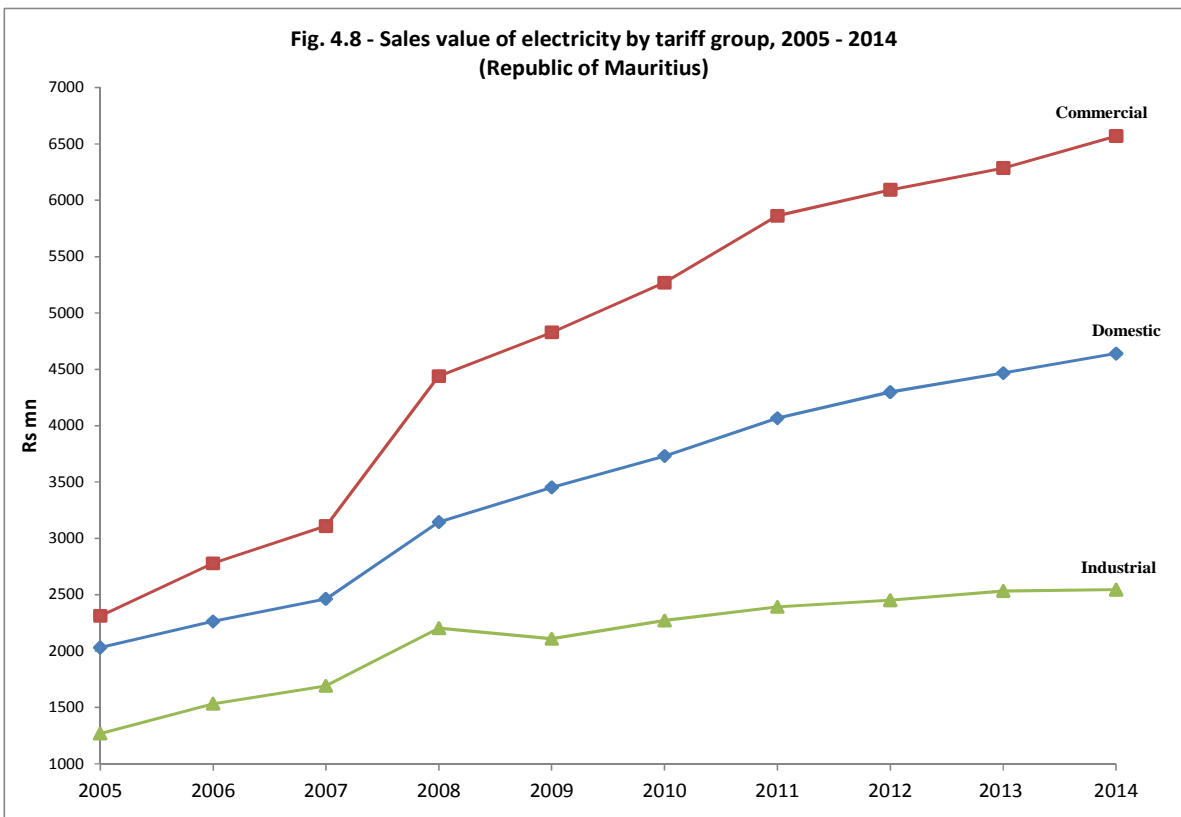
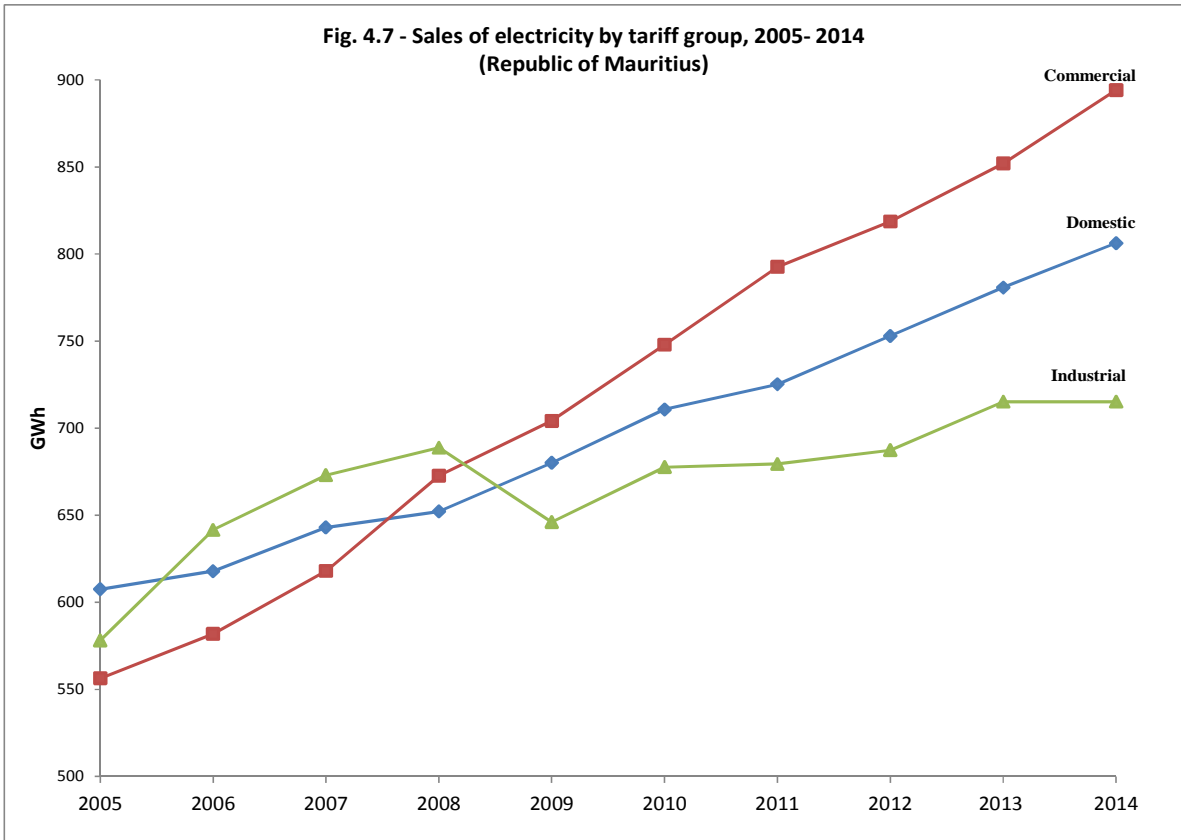


Table 4.8 - Sales of electricity by tariff group, 2005 - 2014 (Island of Mauritius)

Tariff group	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Number of consumers										
Domestic	319,075	325,830	332,900	340,217	347,757	353,689	361,231	369,707	377,238	384,281
Commercial	30,866	32,060	33,309	34,630	35,051	35,813	36,476	37,282	37,927	38,777
Industrial	7,132	7,176	7,245	7,096	6,932	6,777	6,586	6,517	6,443	6,312
<i>General</i>	6,710	6,729	6,782	6,631	6,454	6,284	6,082	5,992	5,890	5,733
<i>Irrigation</i>	422	447	463	465	478	493	504	525	553	579
Other	331	342	349	362	396	422	458	499	541	601
Total	357,404	365,408	373,803	382,305	390,136	396,701	404,751	414,005	422,149	429,971
GWh sold										
Domestic	593.2	603.4	628.4	637.5	665.3	695.3	709.7	737.0	764.0	788.8
Commercial	548.2	574.1	610.1	664.5	695.7	739.6	784.0	809.7	842.5	884.1
Industrial	575.8	639.7	671.2	687.0	643.9	675.6	677.4	685.4	713.0	712.7
<i>General</i>	549.1	611.0	643.0	661.1	623.5	651.8	654.9	660.5	687.6	686.1
<i>Irrigation</i>	26.8	28.7	28.2	25.8	20.4	23.8	22.5	24.9	25.4	26.6
Other	35.0	38.0	40.8	39.4	38.2	36.9	30.2	34.6	35.5	36.0
<i>Street Lighting</i>	31.6	32.6	33.1	34.0	33.3	30.9	24.4	24.8	25.6	27.6
<i>Temporary</i>	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
<i>Miscellaneous</i>	3.0	4.9	7.4	5.2	4.7	5.8	5.6	9.6	9.6	8.1
Total	1,752.2	1,855.1	1,950.5	2,028.4	2,043.1	2,147.5	2,201.4	2,266.8	2,354.9	2,421.6
Value sold (Rs.mn)										
Domestic	1,986.4	2,215.0	2,412.2	3,080.6	3,383.0	3,656.3	3,986.9	4,215.7	4,380.2	4,549.3
Commercial	2,272.1	2,736.0	3,062.7	4,375.0	4,757.8	5,198.9	5,785.4	6,011.4	6,200.9	6,480.5
Industrial	1,262.0	1,526.4	1,685.7	2,195.9	2,100.1	2,262.1	2,382.7	2,441.0	2,522.4	2,533.6
<i>General</i>	1,216.1	1,472.5	1,629.9	2,130.9	2,047.9	2,197.9	2,319.8	2,370.2	2,450.5	2,458.5
<i>Irrigation</i>	45.9	54.0	55.8	64.9	52.2	64.1	62.8	70.9	71.9	75.1
Other	157.0	191.4	213.6	270.4	270.9	269.4	234.9	264.4	233.9	279.9
Total	5,677.6	6,668.8	7,374.3	9,921.9	10,511.8	11,386.7	12,389.8	12,932.5	13,337.4	13,843.3
Average sales price* (Rs./kWh)										
Domestic	3.35	3.67	3.84	4.83	5.08	5.26	5.62	5.72	5.73	5.77
Commercial	4.14	4.77	5.02	6.58	6.84	7.03	7.38	7.42	7.36	7.33
Industrial	2.19	2.39	2.51	3.20	3.26	3.35	3.52	3.56	3.54	3.55
<i>General</i>	2.21	2.41	2.53	3.22	3.28	3.37	3.54	3.59	3.56	3.58
<i>Irrigation</i>	1.72	1.88	1.98	2.52	2.55	2.69	2.79	2.84	2.84	2.82
Other	4.49	5.04	5.23	6.87	7.09	7.29	7.77	7.64	6.59	7.78
All tariff	3.24	3.59	3.78	4.89	5.14	5.30	5.63	5.71	5.66	5.72
Average no. of units per consumer (kWh)										
Domestic	1,859	1,852	1,888	1,874	1,913	1,966	1,964	1,993	2,025	2,053
Commercial	17,761	17,907	18,317	19,189	19,847	20,651	21,497	21,719	22,213	22,799
Industrial	80,739	89,139	92,644	96,808	92,893	99,694	102,855	105,179	110,661	112,911
<i>General</i>	81,830	90,794	94,815	99,705	96,604	103,726	107,679	110,233	116,746	119,672
<i>Irrigation</i>	63,398	64,220	60,843	55,497	42,777	48,305	44,631	47,488	45,849	45,970
Other	95,480	95,368	94,979	93,867	84,099	73,227	53,187	49,620	47,410	45,904
All consumers	4,903	5,077	5,218	5,306	5,237	5,413	5,439	5,475	5,578	5,632

* Excluding VAT & meter rent
Source: Central Electricity Board

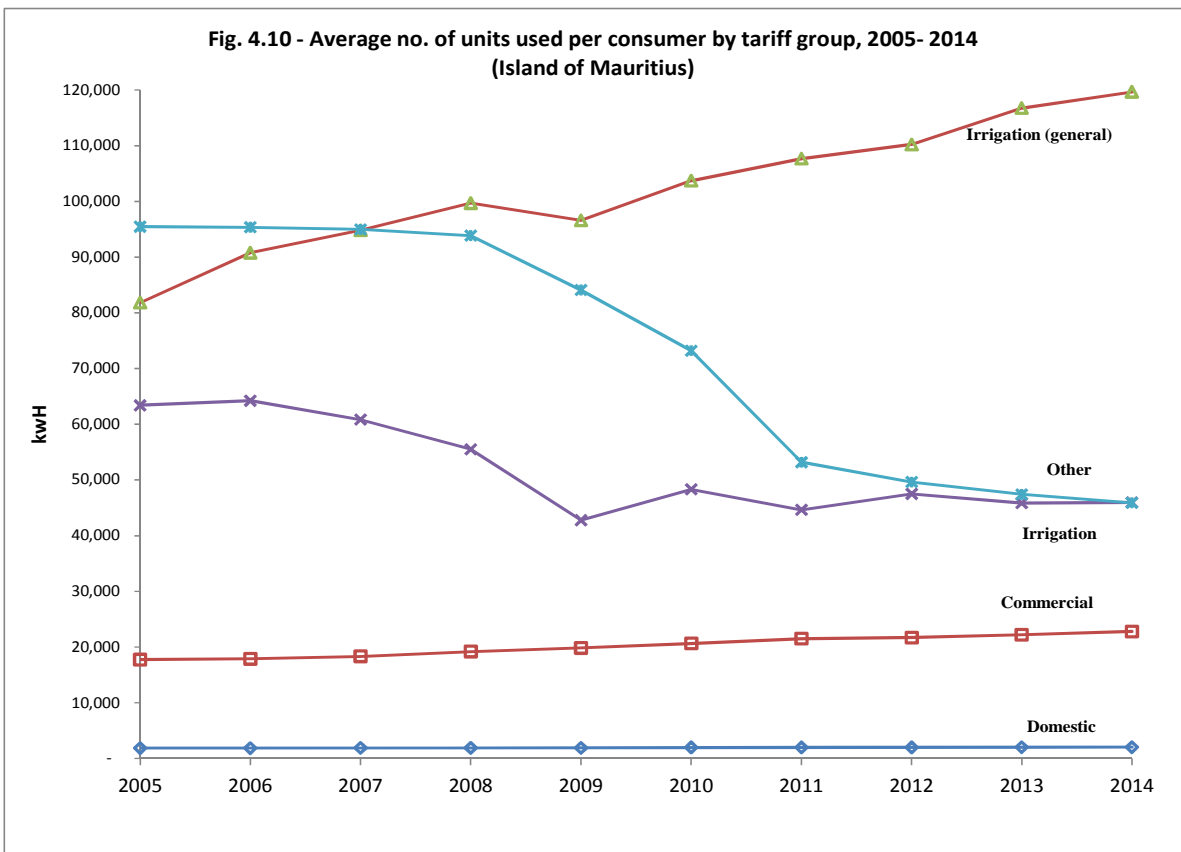
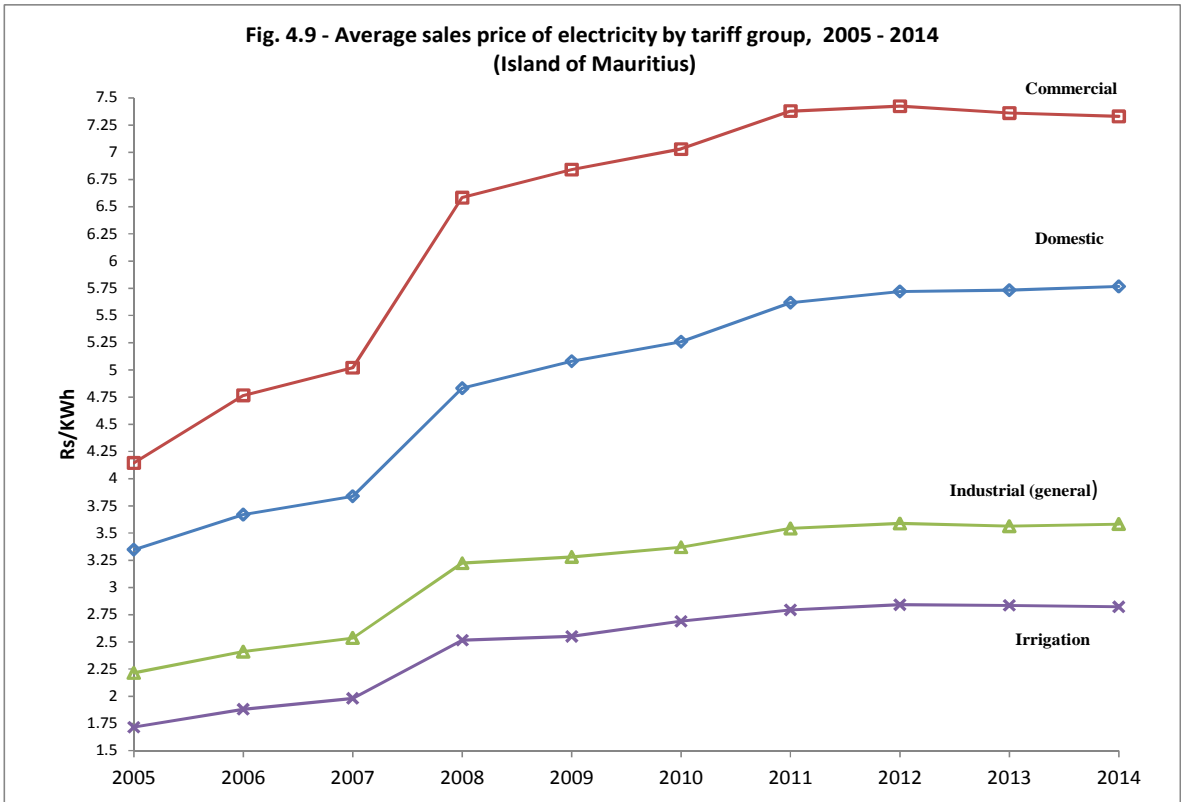


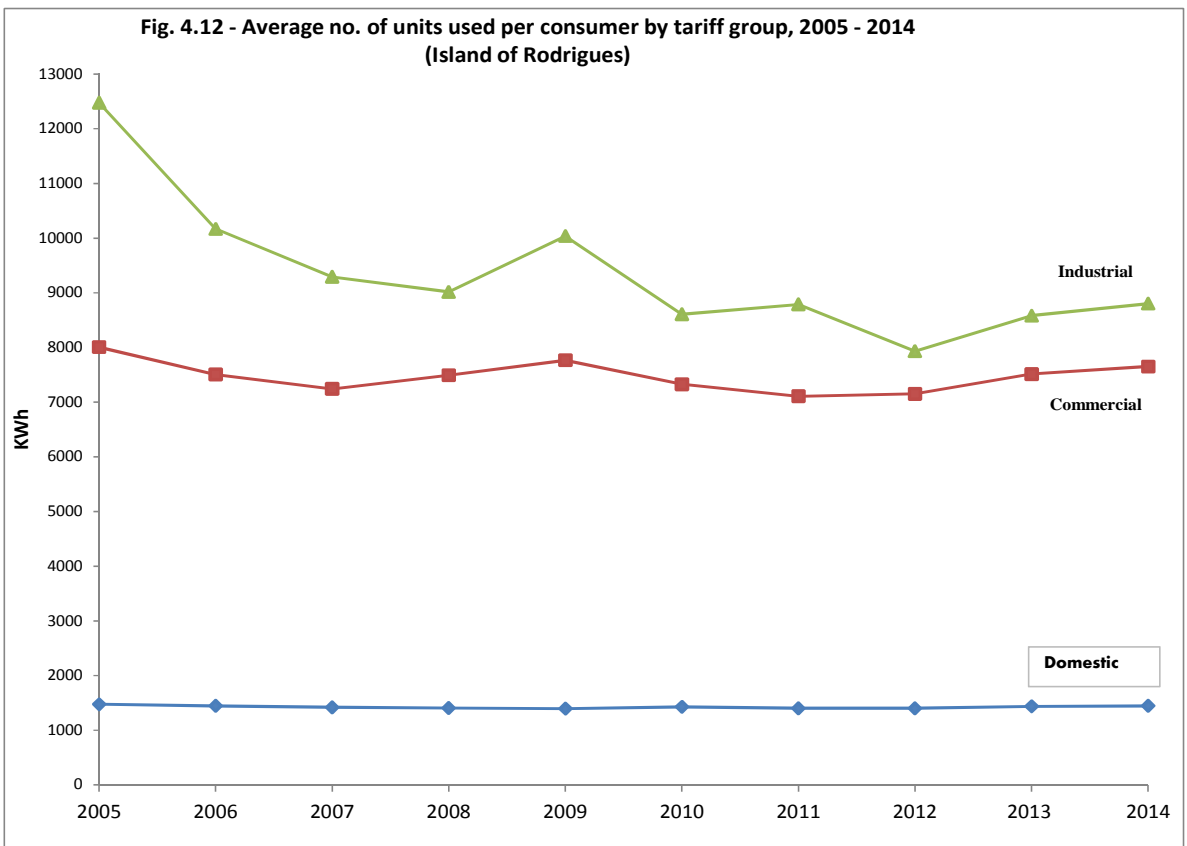
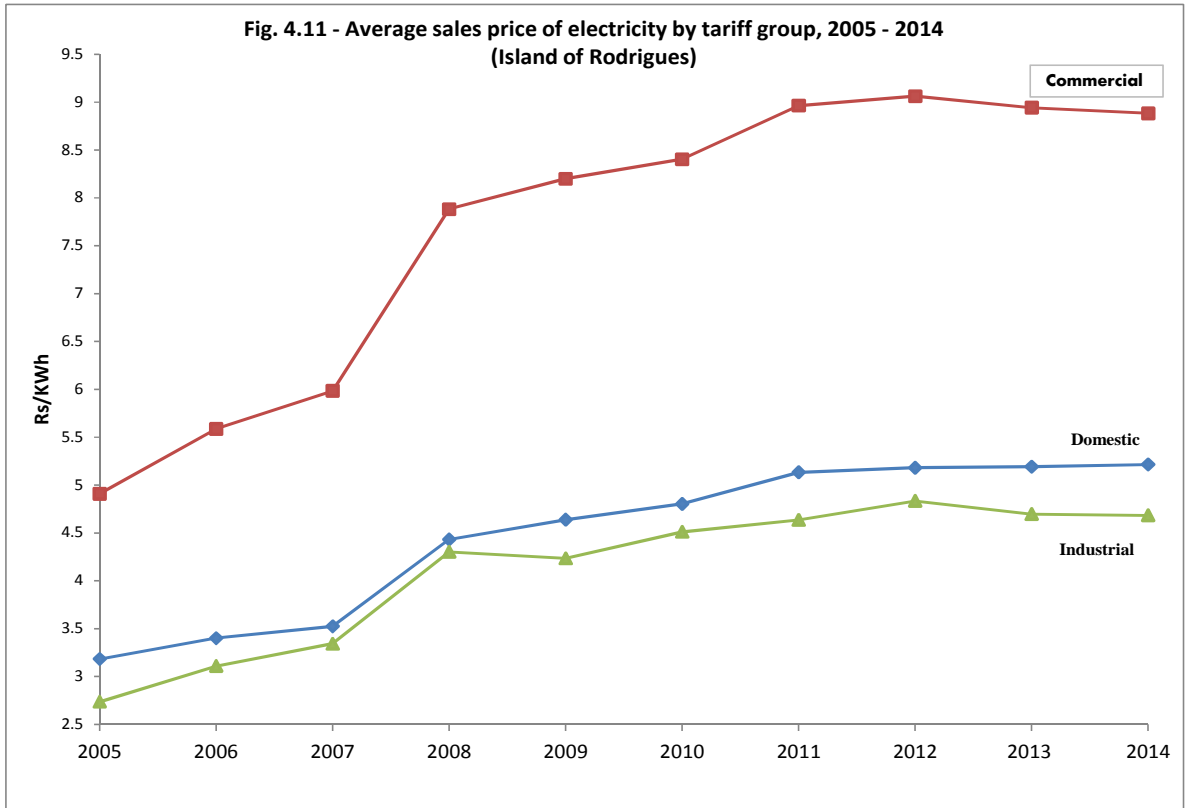
Table 4.9 - Sales of electricity by tariff group, 2005 - 2014 (Island of Rodrigues)

Tariff group	2005	2006	2007	2008	2009	2010	2011	2012	2013¹	2014
Number of consumers										
Domestic	9,651	9,986	10,242	10,410	10,602	10,785	11,084	11,389	11,672	12,054
Commercial	1,025	1,029	1,079	1,091	1,100	1,143	1,209	1,257	1,272	1,312
Industrial	184	188	190	199	211	231	232	246	260	281
Other	7	7	7	7	7	7	7	8	9	9
Total	10,867	11,210	11,518	11,707	11,920	12,166	12,532	12,900	13,213	13,656
GWh sold										
Domestic	14.3	14.4	14.6	14.6	14.8	15.4	15.5	16.0	16.8	17.4
Commercial	8.2	7.7	7.8	8.2	8.5	8.4	8.6	9.0	9.6	10.0
Industrial	2.3	1.9	1.8	1.8	2.1	2.0	2.0	2.0	2.2	2.5
Other	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total	25.2	24.7	24.7	25.3	26.1	26.4	26.9	27.6	29.2	30.6
Value sold (Rs mn)										
Domestic	45.4	49.1	51.3	64.9	68.6	74.0	79.8	82.8	87.0	90.9
Commercial	40.3	43.1	46.8	64.4	70.0	70.4	77.0	81.5	85.4	89.2
Industrial	6.3	5.9	5.9	7.7	9.0	9.0	9.4	9.4	10.5	11.6
Other	2.2	2.9	3.2	4.6	4.7	4.9	5.2	5.2	5.1	5.2
Total	94.1	101.1	107.2	141.6	152.3	158.2	171.5	178.9	188.0	196.8
Average sales price* (Rs/kWh)										
Domestic	3.18	3.40	3.52	4.43	4.64	4.80	5.13	5.18	5.19	5.21
Commercial	4.91	5.59	5.98	7.88	8.20	8.40	8.96	9.06	8.94	8.88
Industrial	2.74	3.11	3.34	4.30	4.23	4.51	4.63	4.83	4.70	4.68
Other	4.49	5.05	5.37	6.96	7.05	7.29	7.68	7.82	7.82	7.84
Average	3.73	4.10	4.33	5.61	5.83	5.98	6.39	6.49	6.44	6.43
Average no. of units per consumer (kWh)										
Domestic	1,477	1,446	1,422	1,406	1,395	1,429	1,403	1,403	1,436	1,446
Commercial	8,006	7,505	7,243	7,492	7,766	7,327	7,108	7,152	7,513	7,653
Industrial	12,474	10,169	9,292	9,016	10,036	8,608	8,788	7,933	8,583	8,801
Other	69,034	81,968	84,841	94,382	95,355	95,987	96,923	83,593	72,999	73,007
Average	2,323	2,199	2,148	2,158	2,191	2,174	2,143	2,139	2,211	2,241

1 Revised

* Excluding VAT & meter rent

Source: Central Electricity Board





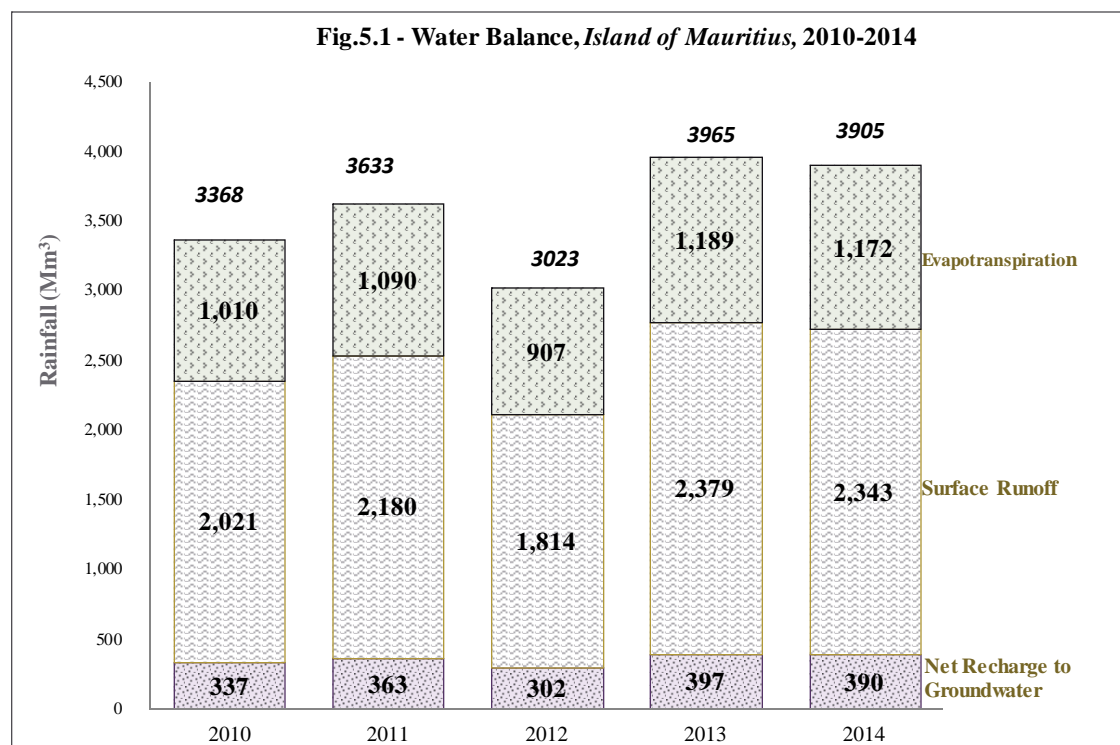
Section V
Water Statistics

Table 5.1 - Main water indicators^{1/}, 2010 - 2014

Details	Unit	2010	2011	2012	2013	2014
Mid-year population	thousand	1,210	1,212	1,215	1,217	1,219
Mean annual rainfall						
<i>Island of Mauritius</i> ^{2/}	Millimetres	1,806	1,948	1,621	2,126	2,094
<i>Island of Rodrigues</i>						
<i>Pte Canon</i> ^{2/}	Millimetres	1,142	849	1,041	978	1,145
<i>Plaine Corail</i> ^{2/}	Millimetres	1,188	842	853	871	1,143
Potable water produced	Mm ³	223	203	215	217	229
Potable water consumed	Mm ³	100	96	95	96	97
Potable water produced per capita per day	litres	506	458	484	487	514
Potable water consumed per capita per day	litres	227	218	214	216	218
Consumption per capita per day for 'Domestic' tariffs	litres	173	167	164	165	167
Average price per m ³	Rs/m ³	9.01	8.75	11.90	12.12	12.21

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

^{2/} Revised



2010-2013 Revised

Data Source : Water Resources Unit, Ministry of Energy and Public Utilities

Table 5.2 - Water utilisation by source, 2012 - 2014, Island of Mauritius

Utilisation	2012				2013				2014			
	Source of water			Total	Source of water			Total	Source of water			Total
	Surface water		Ground water		Surface water		Ground water		Surface water		Ground water	
	River-run offtakes	Reservoirs		River-run offtakes	Reservoirs	River-run offtakes		Reservoirs				
Domestic, Industrial ^{1/} and tourism	35 ^{2/}	62	109	206	34 ^{2/}	78	108	220	35	80	119	234
Industrial ^{3/}	5	-	6	11	5	2	6	13	5	2	6	13
Agricultural	299	59 ^{4/}	7	365	312	56 ^{4/}	7	375	308	59	6	373
Hydropower	114	104 ^{5/}	-	218	146 ^{5/}	134 ^{5/}	-	280	150	125	-	275
Overall Utilisation	453	225	122	800	497	270	121	888	498	266	131	895
Total Water Mobilisation	435	190	122	747	465	224	121	810	469	213	131	813

1/ used through CWA

2/ includes water used by Le Reduit power station

Source : Water Resources Unit, Ministry of Energy and Public Utilities

3/ used by water right owners and ground water licensees

4/ includes Tamarin Falls & Magenta power stations

5/ includes water used by Tamarin Falls, Magenta, Le Val & Ferney power stations

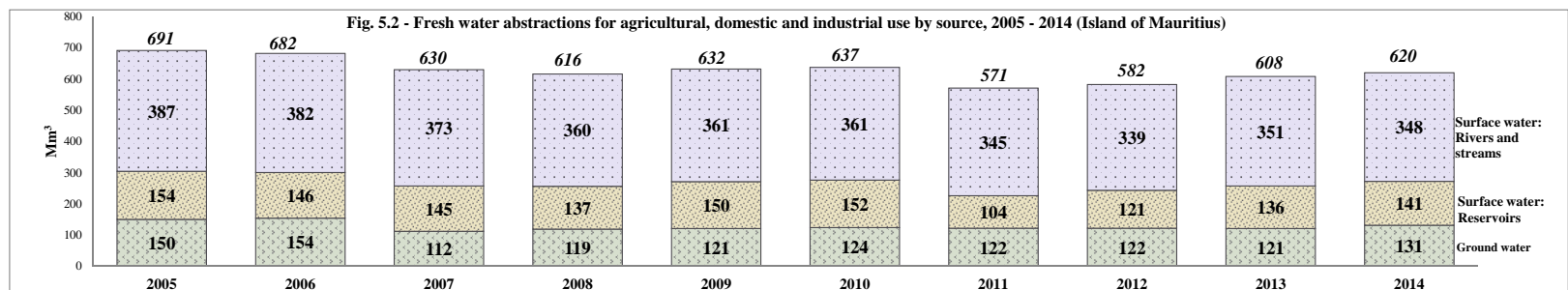


Table 5.3 - Fresh water abstractions by sector, 2005 - 2014, Island of Mauritius

Sector	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Gross fresh surface water abstraction	541	528	518	497	511	513	449	460	487	489
Water supply industry (Central Water Authority)	99	100	102	107	112	110	94	97	112	115
Manufacturing	-	5	5	5	5	5	5	5	7	7
Agriculture, forestry and fishing	442	423	411	385	394	398	350	358	368	367
Gross ground water abstraction	150	154	112	119	121	124	122	122	121	131
Water supply industry (Central Water Authority)	115	116	99	107	111	113	111	109	108	119
Manufacturing	11	13	6	6	5	5	5	6	6	6
Agriculture, forestry and fishing	24	25	7	6	5	6	6	7	7	6
Total	691	682	630	616	632	637	571	582	608	620

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 Energy and Public Utilities

Table 5.4 - Gross storage capacity of reservoirs by district of location and use, Island of Mauritius

Reservoir	La Nicoliere	Diamamouve	Eau Bleue	Mare aux Vacoas	Mare Longue	Midlands Dam	Piton du Milieu	Dagotiere	Valetta	La Ferme	Tamarin Falls	Total Storage
Capacity (Mm3)	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 of location	Pamplemousses	Grand Port		Plaines 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 Energy and Public Utilities

Table 5.5 - Mean rainfall, 2010 - 2014 (Island of Mauritius)

		<i>Millimetres</i>																				
Period	Long Term Mean (1981-2010)	2010		2011 ¹		2012 ¹		2013 ¹		2014		Long Term Mean (1981-2010)	2010		2011 ¹		2012 ¹		2013 ¹		2014	
		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										
	1,294	1,061	79	1,443	112	963	74	1,262	98	1,264	98	2,572	2,400	94	2,213	86	1,996	78	2,668	104	2,607	101
Jan	177	216	116	189	107	72	41	159	90	242	137	306	422	146	223	73	81	26	329	108	513	168
Feb	245	146	60	243	99	110	45	463	189	127	52	393	461	126	438	111	268	68	488	124	237	60
Mar	190	186	116	376	198	259	136	151	80	175	92	326	389	120	367	113	394	121	519	159	333	102
Apr	137	75	45	72	53	132	97	86	63	165	120	279	248	89	63	22	306	110	274	98	371	133
May	89	79	74	88	99	95	107	38	42	103	116	197	139	66	116	59	207	105	70	35	146	74
Jun	63	39	54	123	195	44	70	33	52	19	30	153	75	48	171	112	80	52	101	66	94	62
Jul	71	82	112	58	81	58	82	11	15	23	33	181	208	116	138	76	151	84	115	63	153	84
Aug	59	105	154	115	194	46	78	49	82	58	97	153	175	97	209	137	94	62	139	91	121	79
Sep	57	29	66	16	29	18	31	13	23	22	39	136	80	71	58	42	80	59	52	38	64	47
Oct	42	20	49	8	19	16	39	91	217	50	119	107	80	83	77	72	71	67	170	159	90	84
Nov	45	72	153	34	76	34	76	123	273	49	109	114	105	95	92	80	96	84	244	213	134	117
Dec	119	12	9	123	103	79	66	46	39	230	193	227	18	7	261	115	168	74	167	74	351	155
Year		East										West										
	2,568	2,757	134	2,794	109	2,289	89	2,716	106	2,758	107	912	610	66	1,050	115	631	69	971	106	906	99
Jan	309	524	202	480	155	130	42	337	109	524	170	186	115	69	288	155	57	31	88	47	306	165
Feb	427	624	186	396	93	259	61	680	159	250	59	219	221	101	223	102	106	49	245	112	101	46
Mar	338	417	172	579	171	468	138	367	109	376	111	138	124	111	157	114	161	117	192	139	96	70
Apr	280	173	71	96	34	347	124	307	110	294	105	85	36	37	3	4	103	121	54	64	90	106
May	207	206	114	164	79	280	135	67	33	151	73	40	19	34	91	228	79	197	9	23	26	65
Jun	143	73	59	203	142	132	92	99	69	88	61	25	6	18	101	406	7	26	4	15	2	10
Jul	164	210	181	142	86	153	93	94	57	188	114	23	29	116	10	41	7	28	1	3	10	41
Aug	138	229	201	278	201	148	107	159	115	173	125	17	29	112	51	298	4	25	37	216	51	301
Sep	130	77	97	74	57	76	59	49	38	74	57	27	12	60	3	10	3	10	1	4	11	40
Oct	101	45	61	102	101	47	47	192	190	92	91	22	1	5	1	2	4	20	45	206	11	51
Nov	107	160	186	53	50	79	74	248	232	107	100	30	11	35	59	197	55	183	259	863	13	43
Dec	224	19	9	226	101	171	76	117	52	442	197	100	7	6	64	64	45	45	35	35	189	189

¹ Revised

Source: Mauritius Meteorological Services

Table 5.5 - Mean rainfall, 2010 - 2014 (Island of Mauritius) (cont'd)

Millimetres

Period	Long Term Mean (1981-2010)	2010		2011 ¹		2012 ¹		2013 ¹		2014	
		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
Centre											
Year	2,568	2,154	77	2,228	87	2,158	84	2,898	113	2,833	110
Jan	333	314	89	374	112	102	31	357	107	510	153
Feb	446	435	94	346	78	294	66	545	122	203	46
Mar	315	238	71	384	122	420	133	515	163	355	113
Apr	268	144	49	53	20	346	129	335	125	292	109
May	196	155	74	114	58	270	138	80	41	192	98
Jun	141	97	60	159	113	124	88	131	93	96	68
Jul	173	256	141	110	63	128	74	100	58	247	143
Aug	151	234	122	204	135	116	77	161	106	178	118
Sep	124	97	77	71	58	88	71	66	53	95	76
Oct	107	70	69	70	65	65	61	182	170	74	69
Nov	92	95	90	113	123	75	82	299	325	130	141
Dec	222	19	7	230	104	130	59	128	58	462	208
Whole Island											
Year	2,003	1,806	90	1,948	97	1,621	81	2,126	106	2,094	105
Jan	263	318	122	304	116	88	33	258	98	419	159
Feb	348	374	111	331	95	210	60	486	140	184	53
Mar	263	271	112	373	142	343	130	355	135	270	103
Apr	212	138	61	58	27	249	117	214	101	247	117
May	148	120	75	114	77	187	126	54	37	127	86
Jun	107	60	52	151	141	78	72	75	70	61	57
Jul	125	160	133	93	74	101	81	65	52	126	101
Aug	106	156	128	172	162	82	78	110	104	116	110
Sep	96	60	74	45	47	54	56	37	39	54	56
Oct	77	45	64	52	67	42	55	138	179	64	84
Nov	78	89	111	71	91	68	87	233	299	89	114
Dec	180	15	8	184	102	120	67	101	56	336	187

¹ Revised

Source: Mauritius Meteorological Services

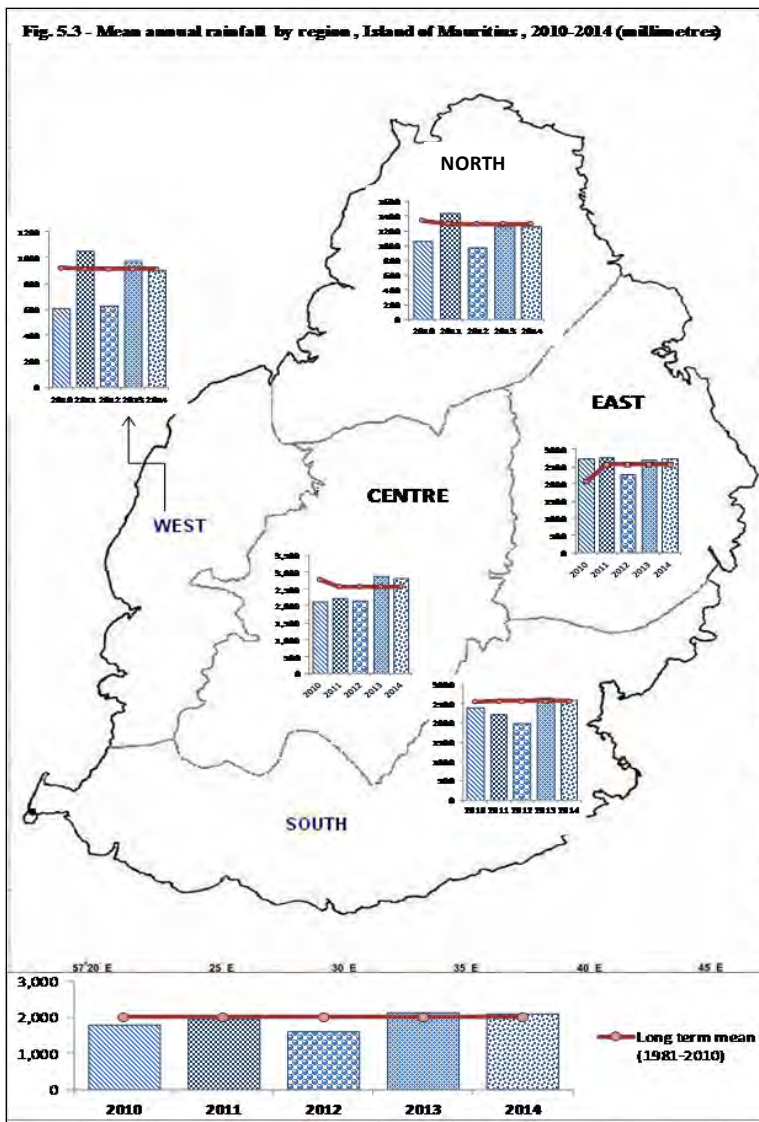


Table 5.6- Mean rainfall 2010 - 2014, Island of Rodrigues

		<i>Millimetres</i>																					
Period	Long Term Mean (1981-2010)	2010		2011		2012		2013		2014		Long Term Mean (1981-2010)	2010		2011		2012		2013		2014		
		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											
		1,273	1,547	118	1,038	82	1,122	88	1,051	83	1,329	104	1,006	1,188	125	842	84	853	85	871	87	1,143	114
	Jan	173	295	170	93	54	188	109	60	35	9	5	133	188	155	75	57	138	104	67	50	55	42
	Feb	179	221	100	112	63	228	128	252	141	98	55	166	224	133	133	80	208	125	197	119	88	53
	Mar	146	84	56	156	107	90	61	112	77	386	263	135	85	68	115	85	103	76	33	24	350	260
	Apr	147	217	164	57	39	59	40	59	40	105	71	116	231	231	48	42	55	48	137	118	67	58
	May	94	170	201	104	110	88	93	56	59	61	64	74	143	207	59	79	71	95	24	32	70	95
	Jun	82	102	106	86	105	24	29	50	61	153	187	61	47	76	65	106	21	34	36	59	104	170
	Jul	106	100	101	105	99	119	112	24	23	184	173	65	49	92	86	132	79	122	31	48	110	170
	Aug	83	95	120	111	134	56	67	115	138	85	102	47	56	122	82	175	31	66	112	239	82	174
	Sep	62	17	30	7	11	42	68	92	149	55	89	46	26	81	19	42	22	49	62	135	81	177
	Oct	58	100	190	82	142	12	21	116	201	19	33	37	29	91	50	136	14	37	63	171	13	34
	Nov	75	91	108	22	29	42	56	34	45	100	134	64	78	122	10	16	18	28	23	36	86	134
Dec	68	55	66	103	151	174	255	81	119	75	110	62	32	46	100	161	93	150	85	137	36	58	
Year		Port Sud Est										Marechal											
		1,098	1,250	122	1,137	104	832	76	716	65	760	69	1,469	1,294	98	1,002	68	899	61	1,519	103	1,056	72
	Jan	156	329	212	59	38	92	59	28	18	4	3	180	345	221	82	46	130	72	70	39	15	8
	Feb	193	243	118	209	108	330	171	123	64	40	21	214	276	130	176	82	168	79	405	190	76	36
	Mar	147	47	37	168	114	139	95	17	12	230	157	157	79	52	156	99	119	76	107	68	321	204
	Apr	133	175	159	68	51	47	35	163	123	40	30	186	219	144	24	13	55	30	329	177	59	32
	May	79	137	232	178	224	51	64	48	60	50	63	111	147	148	67	60	61	55	22	20	61	55
	Jun	68	75	112	76	112	14	21	23	34	117	171	97	45	47	96	99	22	23	48	50	108	111
	Jul	71	50	88	56	79	42	59	20	28	62	87	108	0	0	147	136	127	117	56	52	105	97
	Aug	56	78	139	84	150	26	46	100	179	70	124	93	0	0	57	61	48	51	189	203	89	95
	Sep	47	11	32	10	21	14	30	55	117	27	57	73	0	0	26	36	29	40	82	113	48	66
	Oct	41	44	126	96	236	7	17	67	164	5	12	69	92	167	51	74	0	0	101	146	23	33
	Nov	51	43	86	20	39	2	4	19	37	90	176	97	70	79	24	25	9	9	20	21	68	69
Dec	55	18	28	113	206	70	128	53	97	26	48	83	21	25	96	115	131	157	90	108	85	102	

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall 2010 - 2014, *Island of Rodrigues (cont'd)*

Millimetres

Period	Long Term Mean	2010		2011		2012		2013		2014		Long Term Mean	2010		2011		2012		2013		2014	
		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
	(1981-2010)	Solitude										(1981-2010)	Mourouk									
Year	1,380	1,357	92	1,155	84	1,082	78	1,271	92	1,347	98	1,114	1,420	138	1,229	110	931	84	Station closed		Station closed	
Jan	155	199	124	103	66	130	84	80	52	58	38	162	399	249	67	41	86	53				
Feb	203	209	78	133	66	260	128	260	128	84	41	189	244	135	218	115	370	196				
Mar	160	104	63	139	87	105	66	118	74	351	220	157	54	38	207	132	125	79				
Apr	170	238	158	49	29	59	35	196	115	121	71	142	200	146	79	56	53	37				
May	104	151	151	132	127	97	93	47	45	88	84	79	151	248	154	195	54	68				
Jun	85	68	67	89	104	14	16	43	50	125	147	64	83	141	73	115	24	38				
Jul	109	90	79	122	112	115	106	9	8	196	181	70	69	115	101	145	66	95				
Aug	91	88	95	129	141	0	0	118	129	87	95	52	85	170	92	178	42	81				
Sep	74	14	22	5	7	39	53	101	137	40	55	50	11	35	5	10	24	48				
Oct	65	93	150	84	129	0	0	142	218	11	16	42	53	151	86	206	7	17				
Nov	88	72	78	19	22	50	57	71	81	97	110	54	50	85	12	22	7	13				
Dec	75	31	30	151	201	213	284	86	83	88	117	55	21	40	135	247	74	135				
	(1982-2010)	Citronelle										(1993-2010)	Baie Topaze									
Year	1,696	1,700	111	1,343	79	1,355	80	1,434	85	1,630	96	1,022	996	89	953	93	874	86	1,177	115	1,139	112
Jan	181	289	158	122	68	282	156	79	44	78	43	134	191	110	71	53	129	96	48	36	50	37
Feb	244	248	105	161	66	215	88	261	107	89	36	152	168	88	138	91	191	126	344	226	77	51
Mar	186	120	70	171	92	109	59	128	69	408	220	142	72	47	142	100	112	79	52	37	322	227
Apr	206	247	145	62	30	82	40	196	95	127	61	116	184	161	48	41	59	51	229	197	56	48
May	143	143	144	129	90	120	84	57	40	80	56	73	138	226	57	78	61	83	29	40	76	104
Jun	117	82	79	103	88	25	21	64	55	176	150	73	0	0	81	111	33	45	45	62	123	168
Jul	137	131	111	189	138	143	105	28	21	218	160	71	61	100	91	128	91	128	37	52	119	167
Aug	112	95	92	105	94	62	55	154	137	123	110	60	50	76	86	143	52	87	137	228	85	141
Sep	97	24	32	6	6	50	52	132	137	54	56	45	9	23	26	58	30	67	62	137	58	128
Oct	83	146	192	127	152	21	25	179	215	36	43	46	40	82	69	150	11	24	87	190	14	30
Nov	105	128	111	23	22	52	49	44	42	143	136	64	63	78	23	36	19	30	34	53	70	110
Dec	85	47	57	145	171	194	229	112	132	98	116	46	20	36	121	264	85	185	73	159	91	198

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall 2010 - 2014, Island of Rodrigues (cont'd)

Period	Long Term Mean (1981-2010)	2010		2011		2012		2013		2014	
		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
Pte Canon											
Year	1,102	1,142	103	849	77	1,041	94	978	89	1,145	104
Jan	149	208	139	90	60	213	143	70	47	44	30
Feb	160	169	91	85	53	227	142	218	136	62	39
Mar	133	69	53	109	82	86	65	90	67	304	228
Apr	138	214	183	58	42	50	36	144	104	113	82
May	84	144	185	73	87	80	95	40	48	76	91
Jun	72	46	59	69	96	21	29	44	61	105	146
Jul	87	76	94	65	75	105	121	13	15	174	200
Aug	63	67	114	99	157	37	59	93	148	56	89
Sep	51	16	36	9	18	41	80	68	133	36	70
Oct	43	46	112	71	164	11	26	90	208	22	51
Nov	64	50	70	18	28	34	53	30	47	74	116
Dec	58	37	53	103	178	137	236	80	138	78	134

Source: Mauritius Meteorological Services

Fig. 5.4 - Mean annual rainfall by region, Island of Rodrigues, 2010-2014

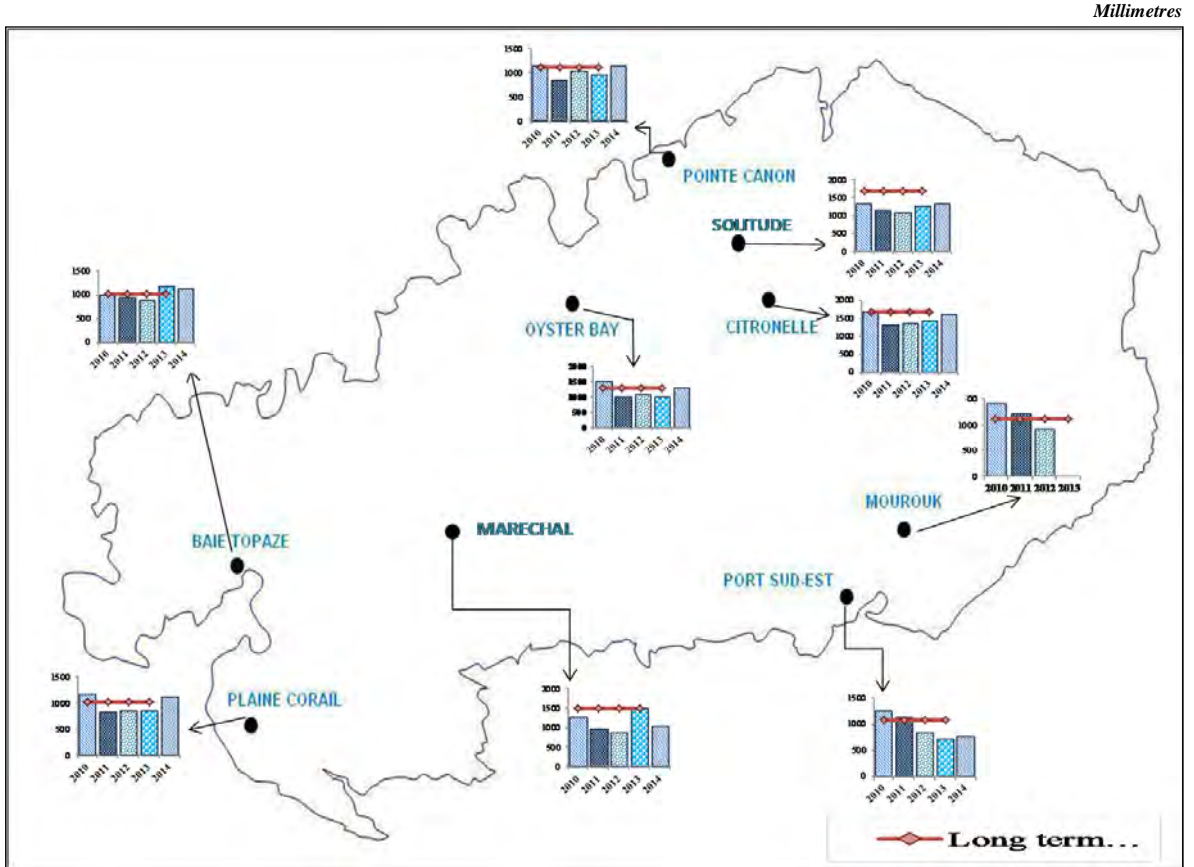


Table 5.7- Percentage of water level by month and reservoir, 2010 - 2014 (*Island of Mauritius*)

Period	Average for 1990-1999 (%)	2010			2011			2012			2013			2014		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
Mare aux Vacoas (Capacity 25.89 Mm³)																
Jan	60	72	69	77	37	34	41	25	24	27	61	52	64	65	56	67
Feb	65	88	76	98	41	37	44	27	23	30	73	63	85	72	67	74
Mar	80	96	95	97	46	42	49	38	33	49	92	85	99	77	72	84
Apr	83	94	91	96	46	42	49	62	51	76	100	99	100	86	81	90
May	83	86	83	91	39	36	42	86	77	90	95	91	99	90	87	92
Jun	81	78	74	83	34	33	35	89	87	90	87	84	90	84	80	87
Jul	79	75	74	77	32	31	33	86	85	88	79	76	84	80	78	82
Aug	80	79	78	82	35	31	36	83	81	85	75	72	76	82	81	83
Sep	78	80	75	83	35	33	36	78	76	81	68	64	72	77	74	81
Oct	72	72	67	76	32	30	33	72	68	75	60	55	64	68	63	73
Nov	63	60	55	67	28	26	30	64	60	68	57	55	62	58	54	63
Dec	58	48	41	55	27	26	27	55	52	59	59	56	62	56	53	63
La Nicoliere (Capacity 5.26 Mm³)																
Jan	63	91	70	100	56	48	78	75	56	87	51	44	56	84	57	100
Feb	75	97	86	100	95	81	100	64	44	78	80	53	100	91	81	100
Mar	91	94	87	99	98	91	100	97	81	100	100	100	100	88	78	100
Apr	92	90	84	93	99	90	100	100	100	100	100	100	100	94	82	100
May	95	86	78	93	70	49	87	100	100	100	92	72	100	98	84	100
Jun	94	77	68	90	53	39	72	100	98	100	50	41	70	68	58	84
Jul	93	84	73	100	76	73	81	97	89	100	58	56	59	61	58	72
Aug	94	82	68	100	92	73	100	94	80	100	65	58	72	82	73	87
Sep	89	81	68	97	89	66	100	55	42	78	75	71	77	74	60	83
Oct	69	70	67	73	59	49	63	61	55	64	57	39	71	50	43	60
Nov	46	78	70	87	65	62	67	57	39	63	45	39	54	39	30	48
Dec	39	70	53	85	73	66	84	41	39	44	62	57	66	62	39	97
Piton du Milieu (Capacity 2.99 Mm³)																
Jan	64	95	89	100	34	30	43	70	66	73	48	27	61	93	61	100
Feb	72	100	98	100	69	44	98	81	64	100	84	61	100	99	98	100
Mar	88	99	99	100	99	99	100	99	97	100	99	98	100	99	99	100
Apr	89	96	93	99	95	88	99	100	99	100	100	98	100	99	97	100
May	91	90	87	94	82	76	88	99	98	100	95	89	99	98	95	100
Jun	86	82	75	88	74	72	76	97	94	99	84	82	89	88	81	94
Jul	83	74	72	77	72	71	74	95	93	97	79	75	83	77	74	83
Aug	83	85	78	97	85	73	92	88	82	93	71	69	74	87	83	88
Sep	81	96	90	99	90	87	92	75	68	82	68	64	70	83	76	88
Oct	73	82	72	90	83	77	86	60	51	68	58	51	64	67	59	76
Nov	60	62	54	71	70	63	77	43	37	51	53	50	60	50	43	58
Dec	57	45	37	54	65	57	70	31	26	37	61	56	64	55	39	96

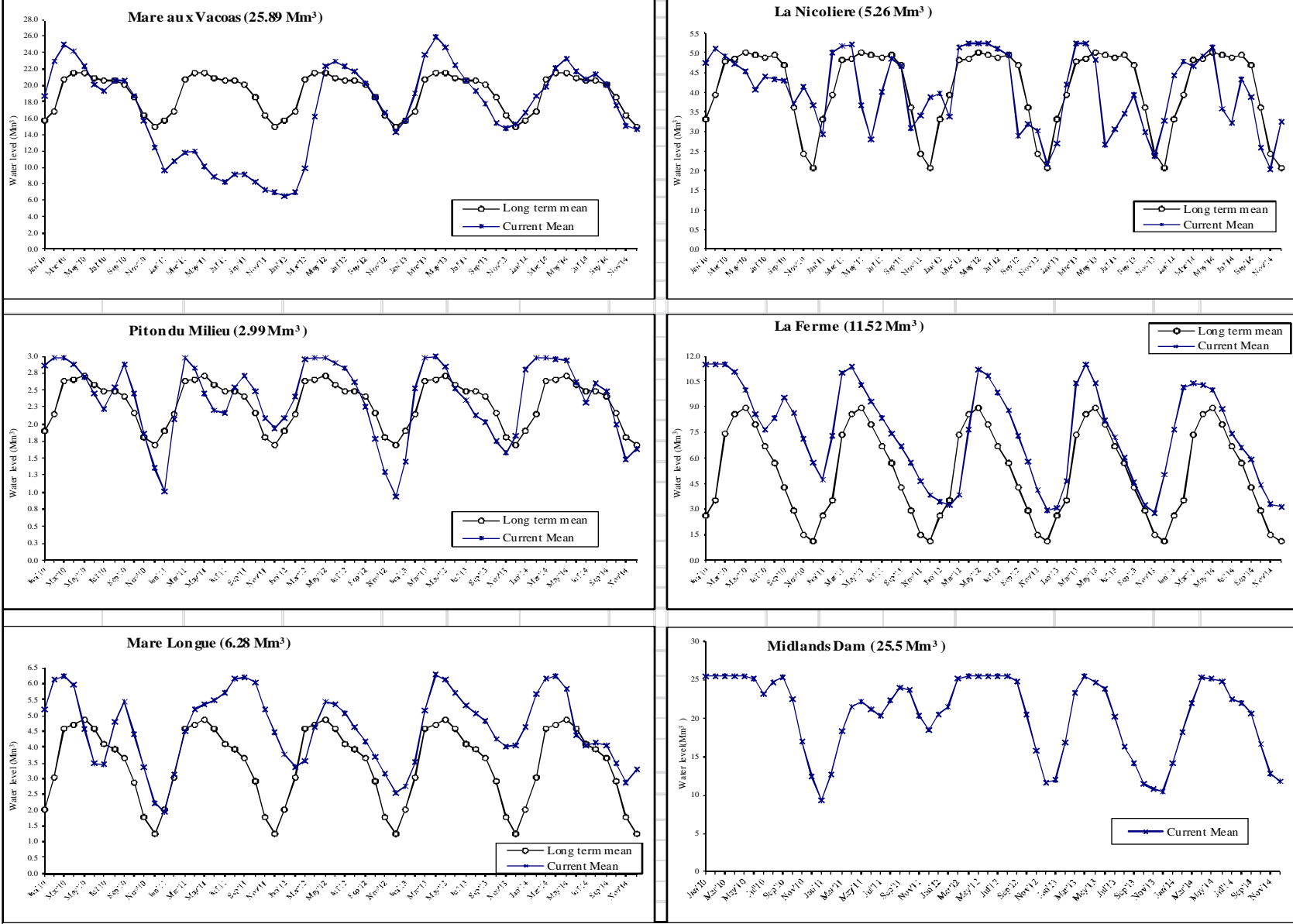
Source : Water Resources Unit, Ministry of Public Utilities

Table 5.7 - Percentage of water level by month and reservoir, 2010 - 2014 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2010			2011			2012			2013			2014		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
La Ferme (Capacity 11.52 Mm³)																
Jan	23	100	98	100	41	38	47	30	27	32	26	21	28	67	43	82
Feb	30	100	100	100	64	49	82	28	26	29	40	27	68	88	82	91
Mar	64	100	99	100	95	83	100	33	30	42	90	69	100	90	88	91
Apr	75	96	93	100	98	93	100	67	44	86	100	99	100	89	86	91
May	77	87	81	92	90	83	94	97	87	100	90	79	99	87	82	90
Jun	69	75	69	81	81	79	83	94	91	99	71	68	78	77	71	81
Jul	58	67	66	69	72	66	79	85	81	91	63	56	68	64	60	70
Aug	49	72	68	81	64	61	66	76	70	81	52	47	56	57	55	60
Sep	37	83	81	84	58	54	61	63	57	70	40	33	46	51	45	55
Oct	25	75	68	81	49	45	54	50	42	57	28	22	33	38	33	45
Nov	13	62	57	68	40	36	45	36	31	42	24	21	35	29	24	33
Dec	10	50	43	56	33	31	36	25	21	30	44	37	46	28	22	45
Mare Longue (Capacity 6.28 Mm³)																
Jan	32	83	79	90	31	29	38	60	54	66	43	36	47	74	62	78
Feb	48	97	91	100	50	38	62	53	50	55	56	46	69	91	79	96
Mar	73	100	99	100	72	62	80	57	54	63	82	70	95	98	95	100
Apr	75	95	86	100	82	81	83	73	65	82	100	99	100	99	98	100
May	77	73	64	85	85	83	86	86	83	89	98	94	99	93	75	100
Jun	73	55	51	63	87	85	90	85	84	88	91	89	94	70	65	75
Jul	65	55	50	65	91	89	92	81	77	83	84	81	89	65	64	65
Aug	63	76	66	86	98	93	100	74	70	77	80	79	81	66	65	66
Sep	58	86	77	91	99	98	99	66	63	70	77	72	80	64	62	66
Oct	46	71	63	76	96	90	98	59	54	63	68	63	72	55	50	62
Nov	28	53	45	62	82	75	89	50	46	54	64	62	66	46	43	50
Dec	20	36	29	44	71	66	76	40	36	45	64	62	67	52	45	67
All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³)																
Jan	49	83	79	87	39	36	44	38	34	41	49	41	53	70	54	77
Feb	56	94	87	98	54	45	63	37	32	42	65	52	82	80	54	83
Mar	77	97	96	98	68	62	72	49	44	57	91	82	99	85	82	89
Apr	82	94	91	97	70	66	72	71	59	83	100	99	100	90	86	92
May	83	85	80	91	61	56	65	91	84	94	94	87	99	91	85	94
Jun	79	75	70	81	55	52	56	91	90	93	80	78	86	79	74	85
Jul	75	71	70	76	55	53	56	87	85	90	74	71	78	73	71	74
Aug	73	78	74	84	58	53	60	82	77	85	69	67	71	75	74	76
Sep	68	82	77	86	56	52	59	71	67	77	64	59	67	70	65	74
Oct	58	73	67	77	49	47	52	64	59	67	53	47	59	58	53	64
Nov	46	62	57	67	43	40	46	54	48	59	49	47	55	48	44	53
Dec	41	49	41	57	40	39	41	44	41	48	57	54	58	50	43	65
Midlands Dam (Capacity 25.5 Mm³)																
Jan		100	100	100	37	33	41	80	79	82	47	37	52	56	39	64
Feb		100	100	100	49	39	59	84	80	90	66	53	81	71	66	76
Mar		100	100	100	72	59	82	99	92	100	91	81	100	86	77	100
Apr		100	100	100	84	82	86	100	100	100	100	97	100	99	99	100
May		100	100	100	87	86	88	100	100	100	97	96	98	99	98	100
Jun		98	95	100	83	81	86	100	99	100	93	88	97	98	93	99
Jul		91	88	94	79	79	81	100	99	100	79	71	87	88	85	92
Aug		96	91	100	87	80	92	100	100	100	64	59	70	86	85	87
Sep		99	96	100	94	92	95	97	91	100	55	50	59	81	75	85
Oct		88	78	96	93	88	96	80	71	90	45	40	50	65	56	75
Nov		67	57	78	80	72	87	62	56	70	42	41	44	50	45	56
Dec		49	41	57	72	66	78	45	37	55	41	38	44	46	40	60

Source : Water Resources Unit, Ministry of Public Utilities

Fig. 5.5 - Water level in each reservoir, 2010 - 2014 (Island of Mauritius)



Note: Impounding of Midlands Dam started in September 2002

Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2010 - 2014 (Island of Mauritius)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production						
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole		
	Mm ³																						Surface	Borehole	
2010	41.2	6.3	47.5	-	30.2	30.2	21.6	13.8	35.4	25.6	25.7	51.3	10.3	16.3	26.6	10.4	22.0	32.4	109.1	114.3	223.4	49%	51%		
Jan	3.6	0.5	4.1	-	2.7	2.7	1.8	1.2	3.0	2.2	2.1	4.3	0.8	1.4	2.2	0.9	1.9	2.8	9.3	9.8	19.1	49%	51%		
Feb	3.2	0.5	3.7	-	2.0	2.0	1.5	1.1	2.6	2.0	1.9	3.9	0.7	1.2	1.9	0.8	1.7	2.5	8.2	8.4	16.6	49%	51%		
Mar	3.7	0.6	4.3	-	2.6	2.6	1.8	1.2	3.0	2.1	2.2	4.3	0.9	1.4	2.3	0.9	1.9	2.8	9.4	9.9	19.3	49%	51%		
Apr	3.6	0.5	4.1	-	2.5	2.5	1.9	1.2	3.1	2.0	2.2	4.2	0.9	1.3	2.2	0.8	1.8	2.6	9.2	9.5	18.7	49%	51%		
May	3.2	0.5	3.7	-	2.6	2.6	1.8	1.6	3.4	1.9	2.3	4.2	0.9	1.4	2.3	0.9	1.9	2.8	8.7	10.3	19.0	46%	54%		
Jun	3.7	0.6	4.3	-	2.6	2.6	1.8	1.1	2.9	2.0	2.2	4.2	0.9	1.3	2.2	0.8	1.8	2.6	9.2	9.6	18.8	49%	51%		
Jul	3.3	0.6	3.9	-	2.5	2.5	1.9	1.1	3.0	2.0	2.2	4.2	0.9	1.4	2.3	0.9	1.9	2.8	9.0	9.7	18.7	48%	52%		
Aug	3.3	0.5	3.8	-	2.6	2.6	1.9	1.1	3.0	2.3	2.3	4.6	0.9	1.4	2.3	0.9	1.9	2.8	9.3	9.8	19.1	49%	51%		
Sep	3.3	0.5	3.8	-	2.5	2.5	1.8	1.0	2.8	2.2	2.1	4.3	0.9	1.4	2.3	0.9	1.8	2.7	9.1	9.3	18.4	49%	51%		
Oct	3.5	0.5	4.0	-	2.5	2.5	1.9	1.1	3.0	2.3	2.1	4.4	0.9	1.4	2.3	0.9	1.9	2.8	9.5	9.5	19.0	50%	50%		
Nov	3.3	0.5	3.8	-	2.5	2.5	1.8	1.1	2.9	2.3	2.0	4.3	0.9	1.3	2.2	0.9	1.7	2.6	9.2	9.1	18.3	50%	50%		
Dec	3.5	0.5	4.0	-	2.6	2.6	1.7	1.0	2.7	2.3	2.1	4.4	0.7	1.4	2.1	0.8	1.8	2.6	9.0	9.4	18.4	49%	51%		
2011	28.0	6.1	32.7	-	28.7	28.7	21.3	12.5	33.8	25.6	23.9	49.5	9.2	17.7	26.9	9.2	20.4	29.6	93.3	109.3	202.6	46%	54%		
Jan	3.1	0.4	3.5	-	2.2	2.2	1.7	1.2	2.9	2.1	1.9	4.0	0.6	1.3	1.9	0.7	1.7	2.4	8.2	8.7	16.9	49%	51%		
Feb	2.3	0.6	2.9	-	2.4	2.4	1.6	1.2	2.8	1.9	1.8	3.7	0.7	1.4	2.1	0.6	1.7	2.3	7.1	9.1	16.2	44%	56%		
Mar	2.6	0.6	3.2	-	2.8	2.8	1.8	1.2	3.0	2.1	2.1	4.2	0.7	1.7	2.4	0.9	2.0	2.9	8.1	10.4	18.5	44%	56%		
Apr	2.9	0.5	3.4	-	2.6	2.6	1.8	1.2	3.0	2.3	2.2	4.5	0.7	1.5	2.2	0.9	1.8	2.7	8.6	9.8	18.4	47%	53%		
May	2.5	0.5	3.0	-	2.6	2.6	1.9	1.2	3.1	2.3	2.1	4.4	0.8	1.5	2.3	0.8	1.8	2.6	8.3	9.7	18.0	46%	54%		
Jun	1.9	0.5	2.4	-	2.4	2.4	1.7	1.0	2.7	2.0	2.0	4.0	0.8	1.3	2.1	0.7	1.7	2.4	7.1	8.9	16.0	44%	56%		
Jul	2.0	0.5	2.5	-	2.4	2.4	1.9	0.9	2.8	2.0	2.1	4.1	0.9	1.7	2.6	0.7	1.8	2.5	7.5	9.4	16.9	44%	56%		
Aug	2.2	0.5	2.7	-	2.5	2.5	1.9	0.9	2.8	2.2	2.0	4.2	0.8	1.6	2.4	0.7	1.7	2.4	7.8	9.2	17.0	46%	54%		
Sep	1.9	0.5	2.4	-	2.6	2.6	1.8	1.1	2.9	2.2	1.9	4.1	0.8	1.5	2.3	0.7	1.6	2.3	7.4	9.2	16.6	45%	55%		
Oct	2.1	0.5	2.6	-	2.2	2.2	1.9	0.9	2.8	2.2	2.0	4.2	0.8	1.5	2.3	0.8	1.5	2.3	7.8	8.6	16.4	48%	52%		
Nov	2.1	0.5	2.6	-	1.9	1.9	1.6	1.0	2.6	2.1	1.9	4.0	0.7	1.3	2.0	0.8	1.5	2.3	7.3	8.1	15.4	47%	53%		
Dec	2.4	0.5	2.9	-	2.1	2.1	1.7	0.7	2.4	2.2	1.9	4.1	0.9	1.4	2.3	0.9	1.6	2.5	8.1	8.2	16.3	50%	50%		

Source: Central Water Authority

Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2010 - 2014 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole
	Mm ³																						
2012	36.0	6.2	42.2	-	29.7	29.7	21.6	13.7	35.3	25.7	22.0	47.7	10.7	18.2	28.9	11.7	19.6	31.3	105.7	109.4	215.1	49%	51%
Jan	2.2	0.5	2.7	-	2.2	2.2	1.8	1.0	2.8	2.2	1.9	4.1	0.9	1.5	2.4	1.0	1.8	2.8	8.1	8.9	17.0	48%	52%
Feb	2.2	0.5	2.7	-	2.1	2.1	1.6	1.0	2.6	2.0	1.8	3.8	0.8	1.4	2.2	1.0	1.7	2.7	7.6	8.5	16.1	47%	53%
Mar	2.3	0.6	2.9	-	2.5	2.5	1.7	1.3	3.0	2.2	1.8	4.0	0.9	1.5	2.4	1.1	1.8	2.9	8.2	9.5	17.7	46%	54%
Apr	2.3	0.6	2.9	-	2.6	2.6	1.7	1.4	3.1	2.1	1.9	4.0	0.9	1.5	2.4	0.9	1.8	2.7	7.9	9.8	17.7	45%	55%
May	3.1	0.5	3.6	-	2.7	2.7	1.8	1.3	3.1	2.1	1.9	4.0	0.9	1.6	2.5	1.0	1.7	2.7	8.9	9.7	18.6	48%	52%
Jun	3.2	0.5	3.7	-	2.7	2.7	2.0	1.2	3.2	2.1	1.9	4.0	0.9	1.6	2.5	1.0	1.6	2.6	9.2	9.5	18.7	49%	51%
Jul	3.4	0.5	3.9	-	2.9	2.9	2.0	1.0	3.0	2.2	2.0	4.2	0.9	1.7	2.6	1.0	1.8	2.8	9.5	9.9	19.4	49%	51%
Aug	3.5	0.5	4.0	-	2.7	2.7	2.0	1.0	3.0	2.1	2.0	4.1	0.9	1.6	2.5	1.0	1.7	2.7	9.5	9.5	19.0	50%	50%
Sep	3.4	0.5	3.9	-	2.4	2.4	1.8	1.1	2.9	2.0	1.8	3.8	0.9	1.4	2.3	1.1	1.4	2.5	9.2	8.6	17.8	52%	48%
Oct	3.5	0.5	4.0	-	2.5	2.5	1.8	1.2	3.0	2.0	1.7	3.7	0.9	1.5	2.4	1.0	1.5	2.5	9.2	8.9	18.1	51%	49%
Nov	3.4	0.5	3.9	-	2.3	2.3	1.8	1.1	2.9	2.4	1.6	4.0	0.9	1.4	2.3	0.8	1.4	2.2	9.3	8.3	17.6	53%	47%
Dec	3.5	0.5	4.0	-	2.1	2.1	1.6	1.1	2.7	2.3	1.7	4.0	0.9	1.5	2.4	0.8	1.4	2.2	9.1	8.3	17.4	52%	48%
2013	43.2	6.6	49.8	-	30.0	30.0	20.5	13.2	33.7	26.3	21.3	47.6	9.7	16.7	26.4	9.4	19.7	29.1	109.1	107.5	216.6	50%	50%
Jan	3.5	0.5	4.0	-	2.4	2.4	1.8	1.0	2.8	2.4	1.7	4.1	0.8	1.7	2.5	0.7	1.5	2.2	9.2	8.8	18.0	51%	49%
Feb	3.3	0.5	3.8	-	2.3	2.3	1.6	1.0	2.6	2.1	1.6	3.7	0.6	1.5	2.1	0.7	1.4	2.1	8.3	8.3	16.6	50%	50%
Mar	3.8	0.6	4.4	-	2.9	2.9	1.6	1.4	3.0	2.3	2.0	4.3	0.7	1.7	2.4	0.9	1.8	2.7	9.3	10.4	19.7	47%	53%
Apr	3.7	0.6	4.3	-	2.8	2.8	1.7	1.3	3.0	2.2	1.9	4.1	0.7	1.5	2.2	0.8	1.7	2.5	9.1	9.8	18.9	48%	52%
May	3.7	0.6	4.3	-	2.7	2.7	1.8	1.8	3.6	2.2	2.0	4.2	0.8	1.5	2.3	0.8	1.6	2.4	9.3	10.2	19.5	48%	52%
Jun	3.7	0.6	4.3	-	2.4	2.4	1.7	1.2	2.9	2.1	1.8	3.9	0.8	1.3	2.1	0.8	1.6	2.4	9.1	8.9	18.0	51%	49%
Jul	3.9	0.6	4.5	-	2.5	2.5	1.8	1.2	3.0	2.2	1.8	4.0	0.9	1.2	2.1	0.7	1.7	2.4	9.5	9.0	18.5	51%	49%
Aug	3.7	0.6	4.3	-	2.4	2.4	1.8	1.1	2.9	2.2	1.8	4.0	0.9	1.2	2.1	0.8	1.7	2.5	9.4	8.8	18.2	52%	48%
Sep	3.4	0.5	3.9	-	2.2	2.2	1.8	1.1	2.9	2.1	1.7	3.8	0.8	1.2	2.0	0.7	1.7	2.4	8.8	8.4	17.2	51%	49%
Oct	3.5	0.5	4.0	-	2.4	2.4	1.5	0.8	2.3	2.2	1.7	3.9	0.9	1.2	2.1	0.8	1.7	2.5	8.9	8.3	17.2	52%	48%
Nov	3.4	0.5	3.9	-	2.4	2.4	1.6	0.6	2.2	2.1	1.6	3.7	0.9	1.3	2.2	0.8	1.7	2.5	8.8	8.1	16.9	52%	48%
Dec	3.6	0.5	4.1	-	2.6	2.6	1.8	0.7	2.5	2.2	1.7	3.9	0.9	1.4	2.3	0.9	1.6	2.5	9.4	8.5	17.9	53%	47%

Source: Central Water Authority

Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2010 - 2014 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production			Surface	Borehole
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
	Mm ³																						
2014	41.8	7.0	48.8	-	32.0	32.0	19.2	15.6	34.8	26.7	22.0	48.7	10.4	21.7	32.1	12.1	20.2	32.3	110.2	118.5	228.7	48%	52%
Jan	3.7	0.5	4.2	-	2.8	2.8	1.7	1.5	3.2	2.2	1.8	3.8	0.9	1.4	2.3	0.9	1.7	2.6	9.3	9.6	18.9	49%	51%
Feb	3.1	0.5	3.6	-	2.6	2.6	1.6	1.4	3.0	2.0	1.7	3.6	0.8	1.6	2.4	0.9	1.6	2.5	8.4	9.3	17.7	47%	53%
Mar	3.5	0.6	4.1	-	2.9	2.9	1.8	1.5	3.3	2.2	1.9	4.0	0.9	1.8	2.7	1.0	1.7	2.7	9.4	10.3	19.7	48%	52%
Apr	3.4	0.6	4.0	-	3.0	3.0	1.7	1.4	3.1	2.1	1.9	4.0	0.9	1.9	2.8	1.0	1.7	2.7	9.1	10.5	19.6	46%	54%
May	3.5	0.6	4.1	-	2.8	2.8	1.8	1.3	3.1	2.2	2.0	4.2	0.9	2.0	2.9	1.0	1.7	2.7	9.4	10.4	19.8	47%	53%
Jun	3.3	0.7	4.0	-	2.7	2.7	1.7	1.2	2.9	2.1	2.0	4.1	0.9	1.9	2.8	1.0	1.6	2.6	9.0	10.1	19.1	47%	53%
Jul	3.6	0.6	4.2	-	2.7	2.7	1.8	1.3	3.1	2.5	2.0	4.5	0.9	1.9	2.8	1.1	1.7	2.8	9.9	10.2	20.1	49%	51%
Aug	3.5	0.6	4.1	-	2.6	2.6	1.6	1.2	2.8	2.3	1.8	4.1	0.9	2.0	2.9	1.0	1.7	2.8	9.3	10.0	19.3	48%	52%
Sep	3.4	0.6	4.0	-	2.7	2.7	1.4	1.1	2.5	2.4	1.8	4.2	0.9	1.8	2.8	1.1	1.7	2.8	9.2	9.8	19.0	48%	52%
Oct	3.7	0.6	4.3	-	2.8	2.8	1.4	1.3	2.7	2.3	1.8	4.1	0.8	1.7	2.5	1.1	1.7	2.8	9.3	9.9	19.2	48%	52%
Nov	3.5	0.5	4.0	-	2.2	2.2	1.5	1.2	2.7	2.1	1.8	3.9	0.8	1.6	2.4	1.0	1.6	2.6	8.9	8.9	17.8	50%	50%
Dec	3.6	0.6	4.2	-	2.2	2.2	1.2	1.2	2.4	2.4	1.8	4.2	0.8	2.0	2.8	1.0	1.7	2.7	9.0	9.5	18.5	49%	51%

Source: Central Water Authority

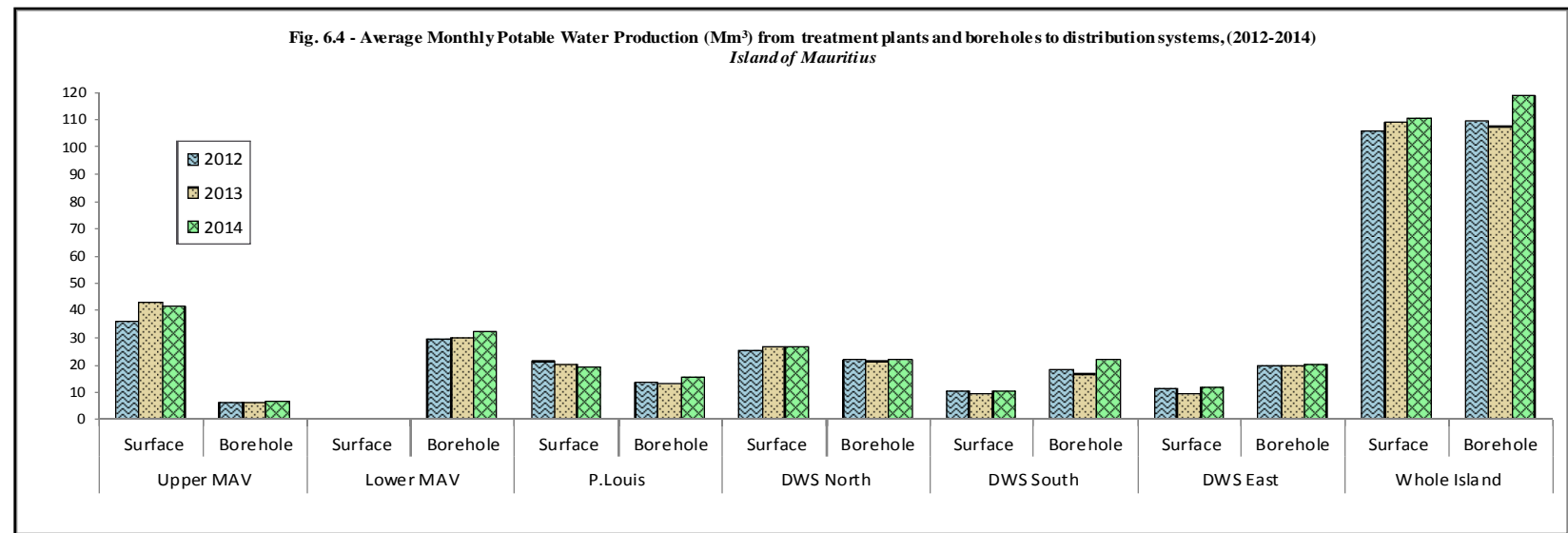


Table 5.9 - Water sales by tariff of subscriber, 2008 - 2014 (Island of Mauritius)

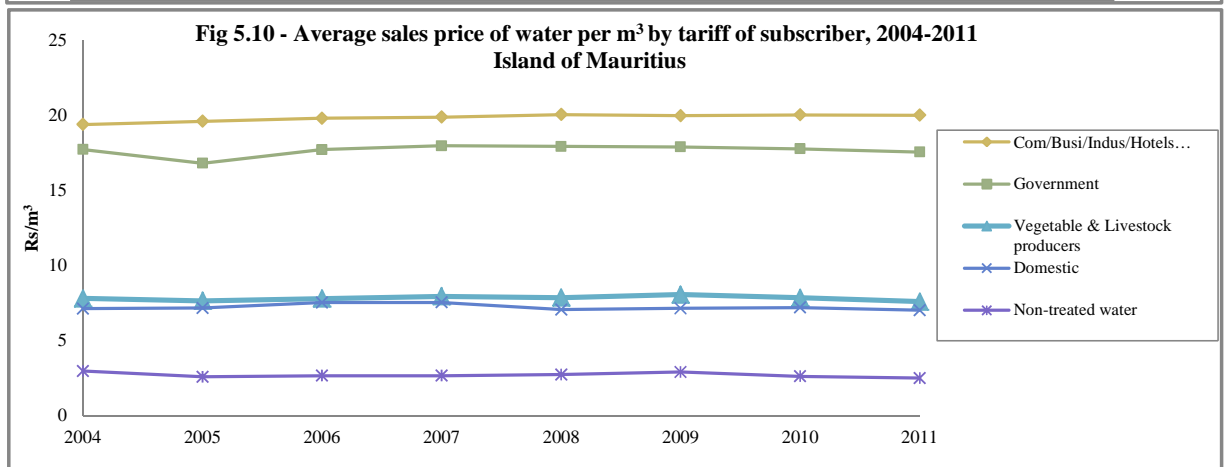
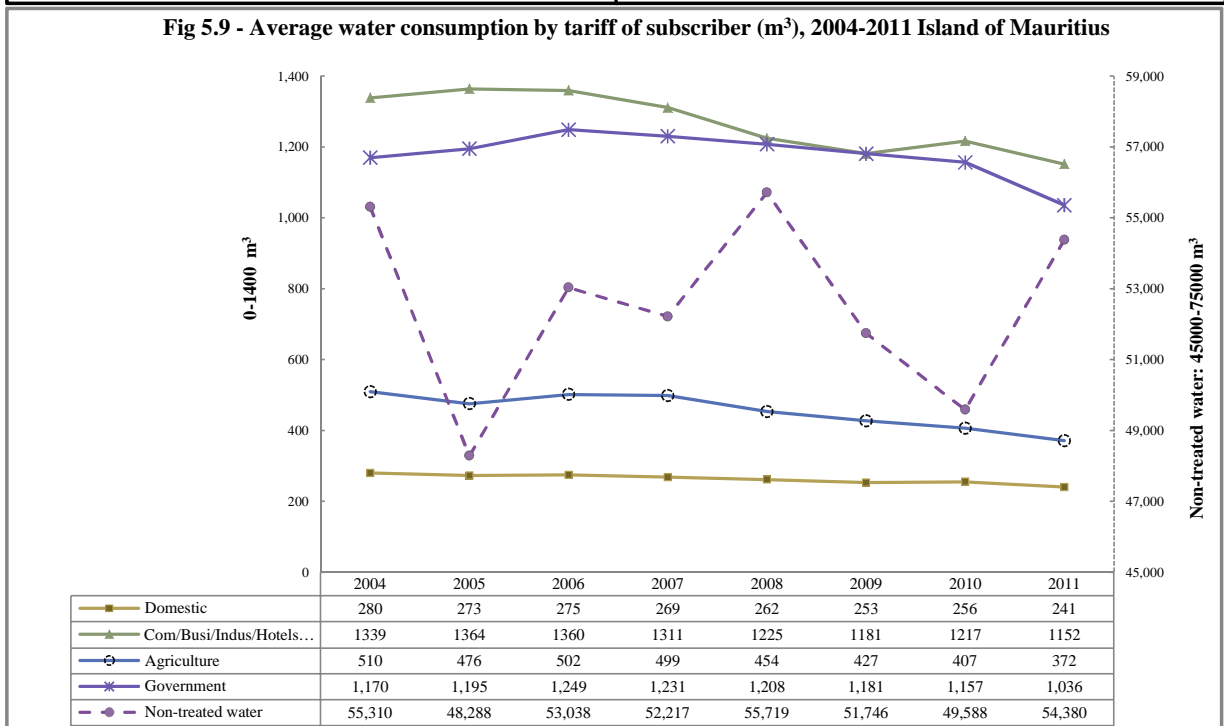
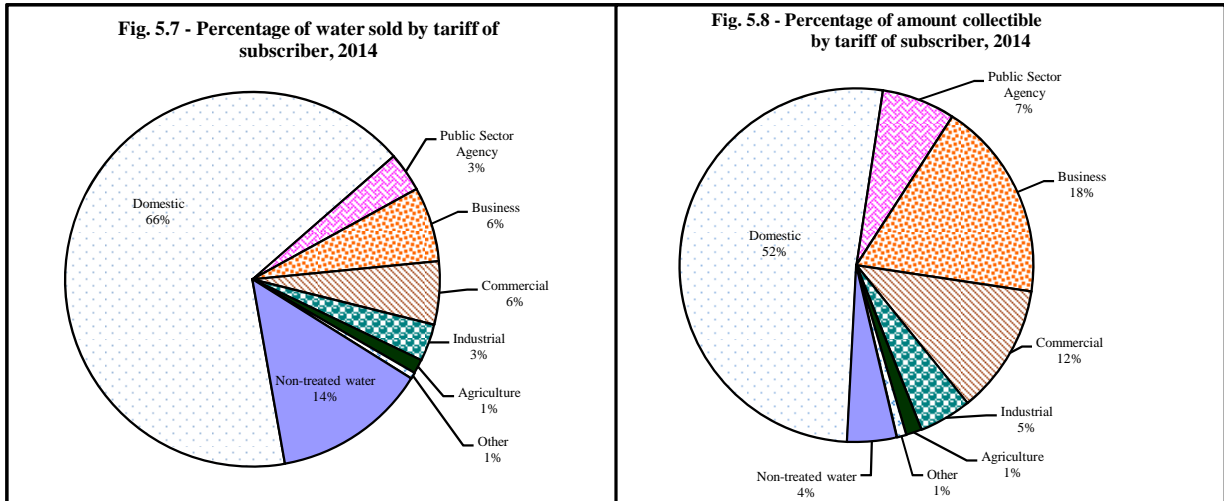
Type of tariff	2008	2009	2010	2011	2008	2009	2010	2011
	No. of subscribers				Volume sold (thousand m ³)			
Domestic	284,592	292,294	299,300	305,121	72,093	75,119	76,521	73,657
Government	4,053	4,184	4,224	4,288	4,788	4,956	4,887	4,444
Acquired / concessionary prizes	44	43	39	39	15	14	14	15
Commercial	11,855	12,822	13,308	13,696	7,086	7,543	7,973	7,423
Hotels, Guest Houses	264	280	297	307	4,595	4,652	5,057	5,154
Industrial	716	697	661	648	3,995	4,055	4,285	4,258
Ship	1	1	1	1	50	52	48	49
Sub total	301,525	310,321	317,830	324,100	92,622	96,392	98,785	95,000
Vegetable & Livestock producers	3,281	3,611	3,774	3,915	1,403	1,455	1,536	1,456
Total potable water	304,806	313,932	321,604	328,015	94,025	97,847	100,321	96,456
Total non-treated water (Agriculture/Industrial)	286	294	296	311	14,799	12,419	14,678	16,912
Grand Total	305,092	314,226	321,900	328,326	108,824	110,266	114,999	113,369
	Amount collectible Rs.(000)				Average sales price (Rs/m ³)			
Domestic	509,134	536,537	550,641	516,810	7.06	7.14	7.20	7.02
Government	85,883	88,736	86,815	78,037	17.94	17.91	17.77	17.56
Acquired / concessionary prizes	87	73	78	103	5.87	5.04	5.41	6.73
Commercial	120,113	127,860	134,923	124,182	16.95	16.95	16.92	16.73
Hotels, Guest Houses	134,117	135,515	147,363	148,415	29.19	29.13	29.14	28.80
Industrial	59,782	60,900	64,151	63,870	14.96	15.02	14.97	15.00
Ship	1,399	1,469	1,412	1,392	28.00	28.00	29.19	28.43
Sub total	910,515	951,088	985,383	932,809	9.83	9.87	9.98	9.82
Vegetable & Livestock producers	11,024	11,735	12,058	11,055	7.86	8.06	7.85	7.59
Total potable water	921,539	962,823	997,441	943,864	9.80	9.84	9.94	9.79
Total non-treated water (Agriculture/Industrial)	40,316	35,985	38,349	42,269	2.72	2.90	2.61	2.50
Grand Total	961,855	998,808	1,035,790	986,133	8.84	9.06	9.01	8.70

Table 5.10 - Water sales by tariff^{1/} of subscriber, 2012-2014 (Island of Mauritius)

Type of Tariff	2012			2013			2014		
	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)
Domestic	310,992	72,920	689,711	317,786	73,355	696,281	323,254	74,184	703,967
Public Sector Agency	2,497	3,776	89,744	2,511	3,796	91,109	2,539	3,812	91,480
Acquired / concessionary prizes	38	17	228	38	13	133	34	12	122
Business	1,109	6,516	223,271	1,118	6,981	240,978	1,145	7,226	249,316
Commercial	13,434	5,998	156,871	13,646	6,046	160,622	13,832	6,077	161,438
Religious	1,910	582	11,292	1,981	585	11,494	2,036	605	11,926
Industrial	625	3,866	69,759	598	3,784	68,711	597	3,604	65,472
Sub total	330,605	93,676	1,240,877	337,678	94,559	1,269,326	343,437	95,520	1,283,721
Agriculture	3,833	1,367	19,656	3,942	1,298	19,034	3,960	1,358	19,627
Total potable water	334,438	95,043	1,260,532	341,620	95,857	1,288,361	347,397	96,877	1,303,349
Total non-treated water (Mainly for Agriculture and Industry)	323	16,122	62,061	332	15,421	60,295	350	14,903	61,656
Grand Total	334,761	111,165	1,322,593	341,952	111,278	1,348,656	347,747	111,780	1,365,005

^{1/} The water supply regulations of 2011, effective as from Jan 2012, changed the tariffs and categories of subscribers. It also created a new category of subscriber, namely 'Business'.

Source: Central Water Authority



Section VI

Energy and Water data from
Censuses and Surveys

**Table 6.1 - Private households by geographical location and availability of electricity at Housing Censuses 2000 & 2011
& Private households having a Residual Current Device (RCD) at Housing Census 2011**

Geographical location	Housing Census 2000				Housing Census 2011				Households having Residual Current Device (RCD)
	Availability of electricity								
	Available	Not available	Not stated	Total	Available	Not available	Not stated	Total	
Island of Mauritius									
Port Louis	32,420	328	5	32,753	32,506	209	8	32,723	23,262
Pamplemousses	29,627	258	1	29,886	35,943	207	0	36,150	27,778
Riviere du Rempart	24,269	169	4	24,442	29,292	80	1	29,373	20,250
Flacq	30,353	345	15	30,713	36,458	166	1	36,625	24,722
Grand Port	26,413	261	2	26,676	30,210	150	-	30,360	20,757
Savanne	16,680	133	5	16,818	18,916	76	-	18,992	12,300
Plaines Wilhems	93,337	405	20	93,762	103,786	126	9	103,921	76,289
Moka	18,428	110	3	18,541	22,058	62	2	22,122	15,401
Black River	15,217	358	4	15,579	20,894	131	-	21,025	16,945
Total	286,744	2,367	59	289,170	330,063	1,207	21	331,291	237,704
	<i>(99.2 %)</i>	<i>(0.8 %)</i>	<i>(0.0 %)</i>	<i>(100.0%)</i>	<i>(99.6 %)</i>	<i>(0.4 %)</i>	<i>(0.0 %)</i>	<i>(100.0 %)</i>	<i>(71.8 %)</i>
Island of Rodrigues	8,183	460	8	8,651	10,501	487	-	10,988	7,156
Agalega	58	2	-	60	74	5	-	79	75
Republic of Mauritius	294,985	2,829	67	297,881	340,638	1,699	21	342,358	244,935
	<i>(99.0 %)</i>	<i>(1.0 %)</i>	<i>(0.0 %)</i>	<i>(100.0%)</i>	<i>(99.5 %)</i>	<i>(0.5 %)</i>	<i>(0.0 %)</i>	<i>(100.0 %)</i>	<i>(71.5 %)</i>

Fig. 6.1 - Percentage of private households with electricity, Housing Censuses 1990, 2000 and 2011

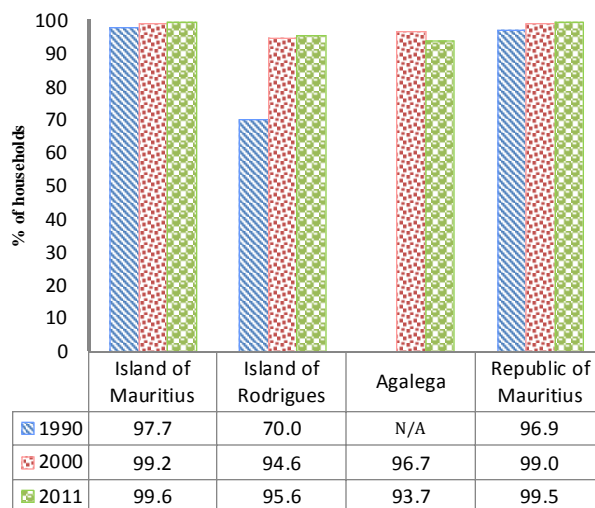


Fig. 6.2 - Percentage of households having Residual Current Device (RCD) Housing Census 2011

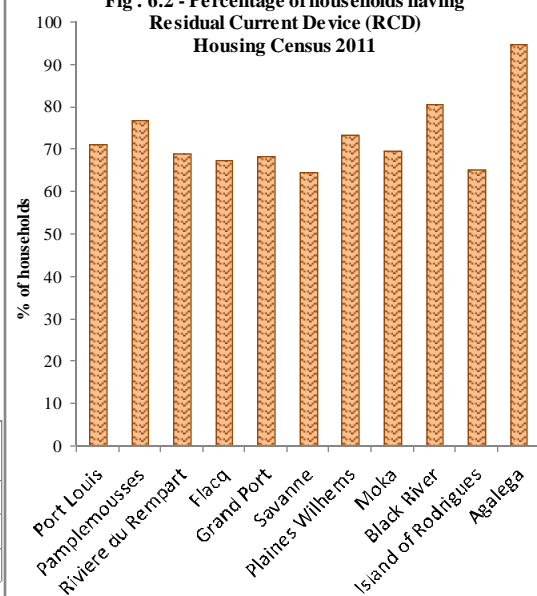


Table 6.2 - Private households by geographical location and principal fuel used for cooking, Housing Censuses 2000 & 2011

Geographical location	Principal fuel used for cooking							Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	Not Stated	
Housing Census 2000								
Island of Mauritius								
Port Louis	457	131	1,042	132	30,891	95	5	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	373	5	289,170
	(4.0 %)	(0.2 %)	(3.3 %)	(0.5 %)	(91.9 %)	(0.1 %)	(0.0 %)	(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	381	5	297,881
	(4.3 %)	(0.2 %)	(3.4 %)	(0.5 %)	(91.5 %)	(0.1 %)	(0.0 %)	(100.0 %)
Housing Census 2011								
Island of Mauritius								
Port Louis	147	46	39	64	32,350	39	38	32,723
Pamplemousses	536	20	25	50	35,505	14	-	36,150
Riviere du Rempart	776	14	5	50	28,494	23	11	29,373
Flacq	1,029	24	8	19	35,513	25	7	36,625
Grand Port	535	21	31	37	29,728	7	1	30,360
Savanne	184	4	18	13	18,766	6	1	18,992
Plaines Wilhems	246	57	118	503	102,519	33	445	103,921
Moka	160	4	16	33	21,890	12	7	22,122
Black River	380	27	24	74	20,499	5	16	21,025
Total	3,993	217	284	843	325,264	164	526	331,291
	(1.2 %)	(0.1 %)	(0.1 %)	(0.2 %)	(98.2 %)	(0.0 %)	(0.2 %)	(100.0 %)
Island of Rodrigues	2,305	41	36	91	8,503	12	-	10,988
Agalega	-	-	-	-	79	-	-	79
Republic of Mauritius	6,298	258	320	934	333,846	176	526	342,358
	(1.8 %)	(0.1 %)	(0.1 %)	(0.3 %)	(97.5 %)	(0.0 %)	(0.2 %)	(100.0 %)

Fig. 6.3 - Percentage distribution of households by principal fuel used for cooking, Housing Censuses 1990, 2000 & 2011

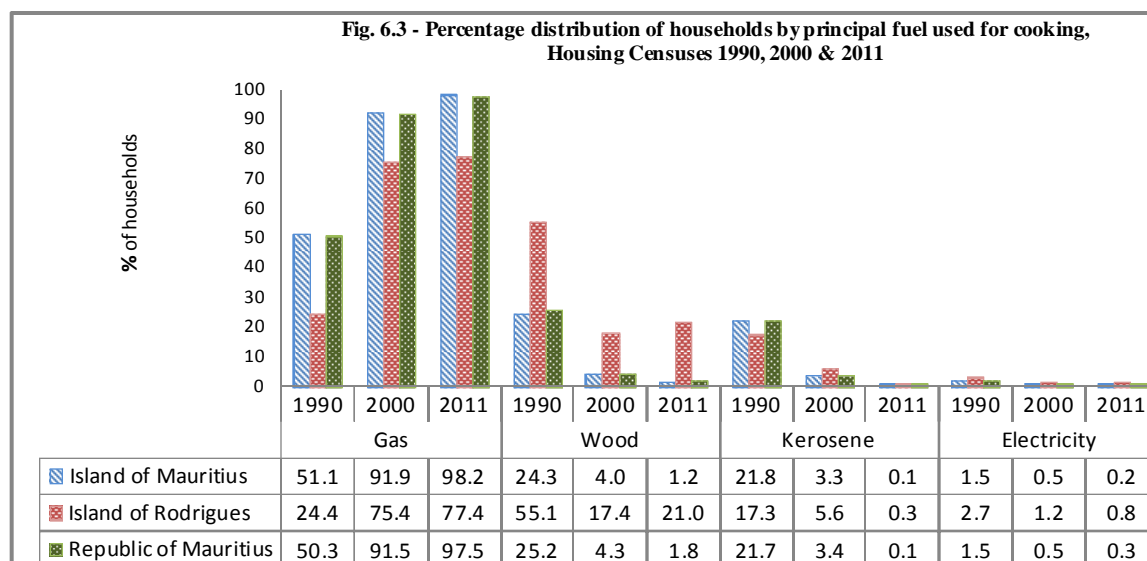


Table 6.3 - Private households by geographical location and principal fuel used for heating water for bathing¹, Housing Censuses 2000 & 2011

Geographical location	Principal fuel used for heating water for bathing						Total
	Electricity	Gas	Solar	Other	None ²	Not Stated	
Housing Census 2000							
Island of Mauritius							
Port Louis	8,690	7,921	826	525	14,791	5	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 %)	5 (0.0 %)	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 %)	5 (0.0 %)	297,881 (100.0 %)
Housing Census 2011							
Island of Mauritius							
Port Louis	6,715	16,959	2,378	404	6,230	37	32,723
Pamplemousses	2,752	20,697	6,005	589	6,107	-	36,150
Riviere du Rempart	1,680	19,705	4,690	1,474	1,815	9	29,373
Flacq	1,719	22,440	4,739	1,139	6,579	9	36,625
Grand Port	2,114	19,170	2,887	346	5,838	5	30,360
Savanne	1,284	15,090	1,528	638	451	1	18,992
Plaines Wilhems	20,740	60,687	12,900	1,036	8,098	460	103,921
Moka	1,989	14,621	2,900	385	2,218	9	22,122
Black River	1,932	11,354	2,946	575	4,202	16	21,025
Total	40,925 (12.4 %)	200,723 (60.6 %)	40,973 (12.4 %)	6,586 (2.0 %)	41,538 (12.5 %)	546 (0.2 %)	331,291 (100.0 %)
Island of Rodrigues	563	2,703	869	859	5,994	-	10,988
Agalega	2	-	-	-	77	-	79
Republic of Mauritius	41,490 (12.1 %)	203,426 (59.4 %)	41,842 (12.2 %)	7,445 (2.2 %)	47,609 (13.9 %)	546 (0.2 %)	342,358 (100.0 %)

¹ The water need not be heated in the bathroom

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

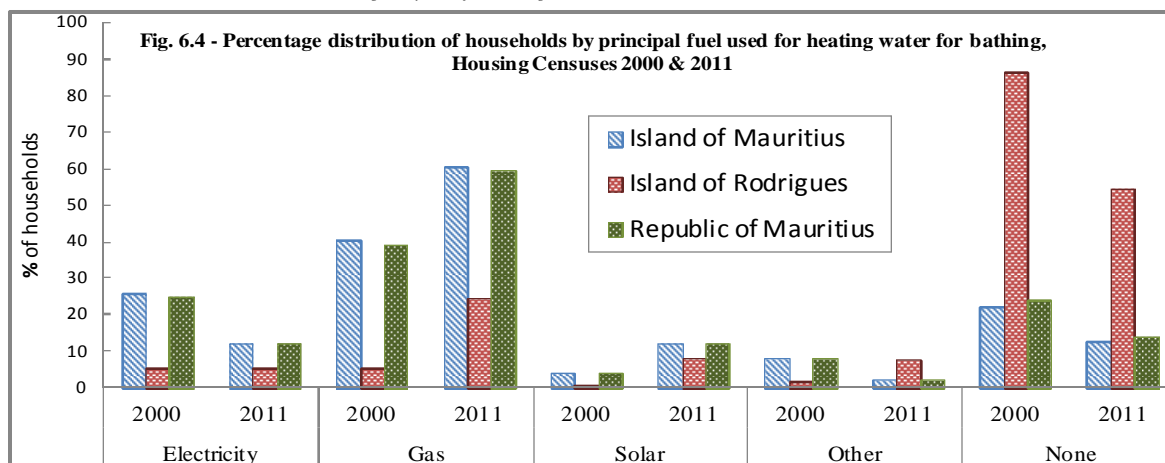


Table 6.4 - Private households by geographical location and type of water supply - Housing Censuses 2000 & 2011

Geographical location	Type of water supply							Total
	Piped water			Tank wagon	Well/river	Other	Not stated	
	Inside housing	Outside on premises	Outside public fountain					
Housing Census 2000								
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 Island of Mauritius	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%)
Housing Census 2011								
Port Louis	30,127	2,397	59	5	11	112	12	32,723
Pamplemousses	34,101	1,840	95	5	18	91	-	36,150
Riviere du Rempart	27,799	1,473	19	1	0	79	2	29,373
Flacq	34,169	2,307	29	0	5	112	3	36,625
Grand Port	28,987	1,230	15	20	21	87	0	30,360
Savanne	17,790	1,056	43	0	7	94	2	18,992
Plaines Wilhems	102,994	826	5	3	2	79	12	103,921
Moka	21,481	549	22	2	14	49	-	22,122
Black River	19,242	1,615	3	-	4	157	4	21,025
Total Island of Mauritius	316,690	13,293	290	36	82	860	40	331,291
	(95.6%)	(4.0%)	(0.1%)	(0.0%)	(0.0%)	(0.3%)	(0.0%)	(100.0%)
Island of Rodrigues	5,987	4,356	76	37	120	411	1	10,988
Agalega	56	-	-	-	23	-	-	79
Republic of Mauritius	322,733	17,649	366	73	225	1,271	41	342,358
	(94.3%)	(5.2%)	(0.1%)	(0.0%)	(0.1%)	(0.4%)	(0.0%)	(100.0%)

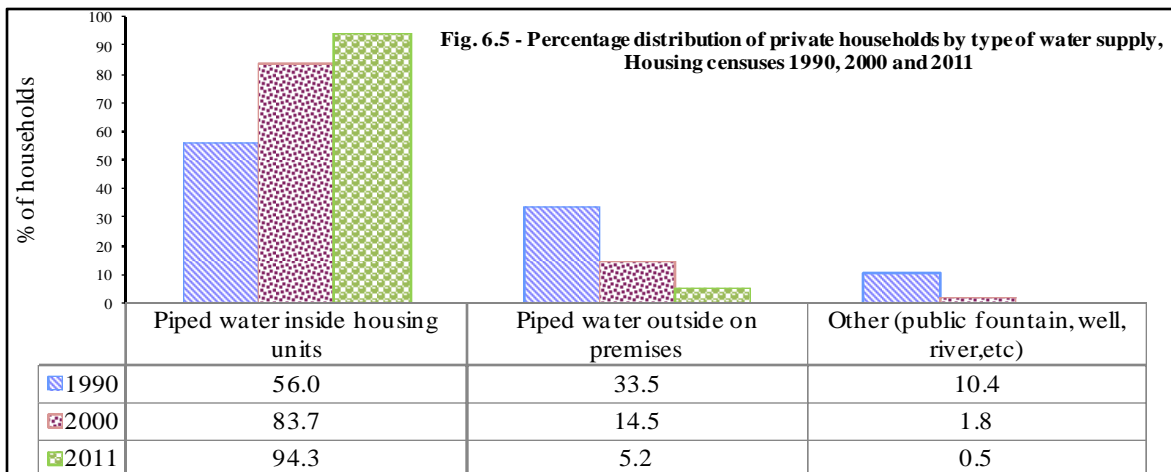
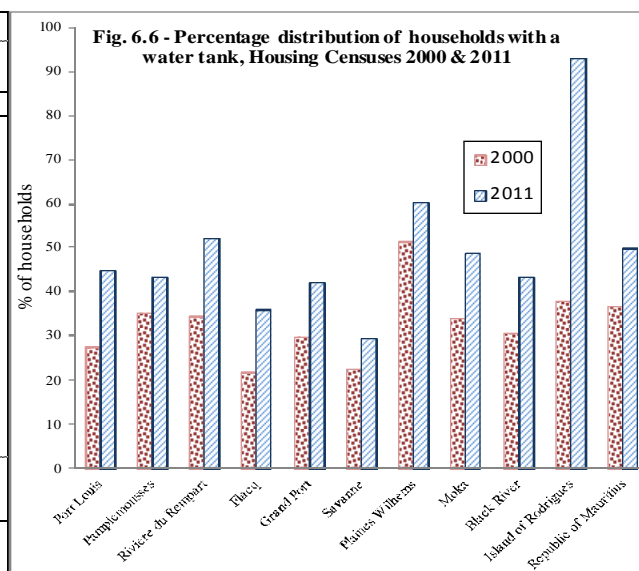


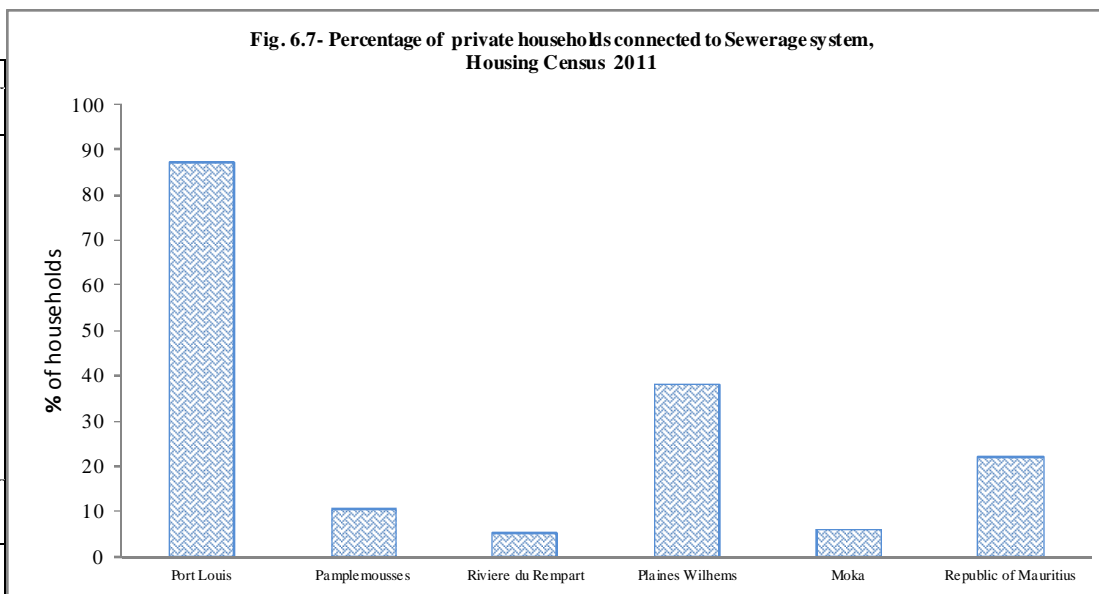
Table 6.5 - Private households by geographical location and availability of water tank - Housing Censuses 2000 & 2011

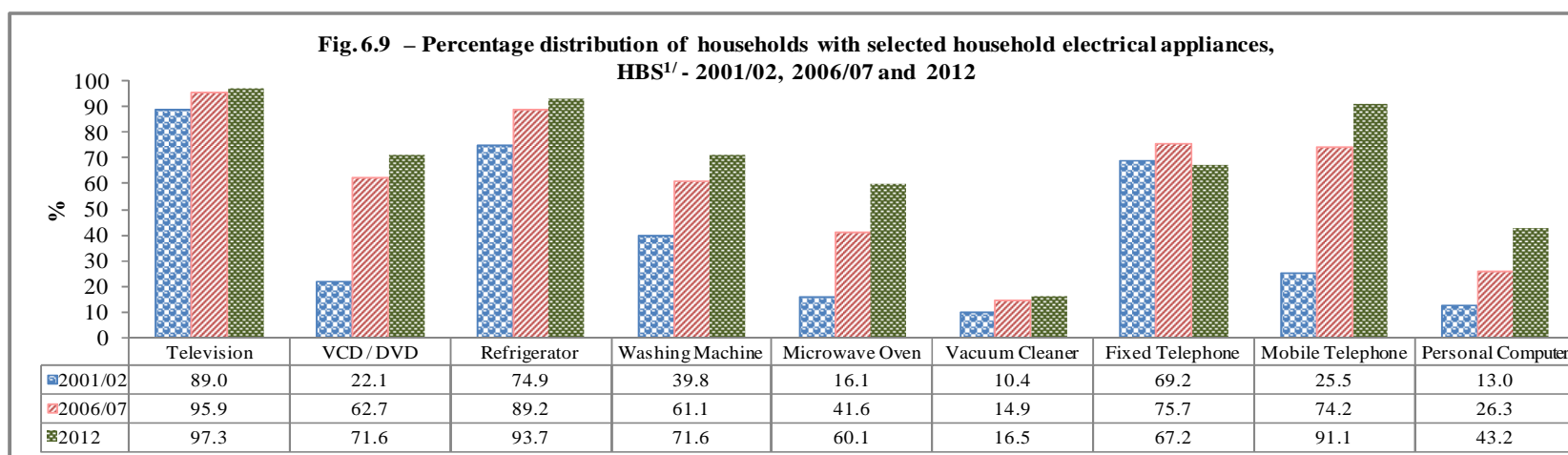
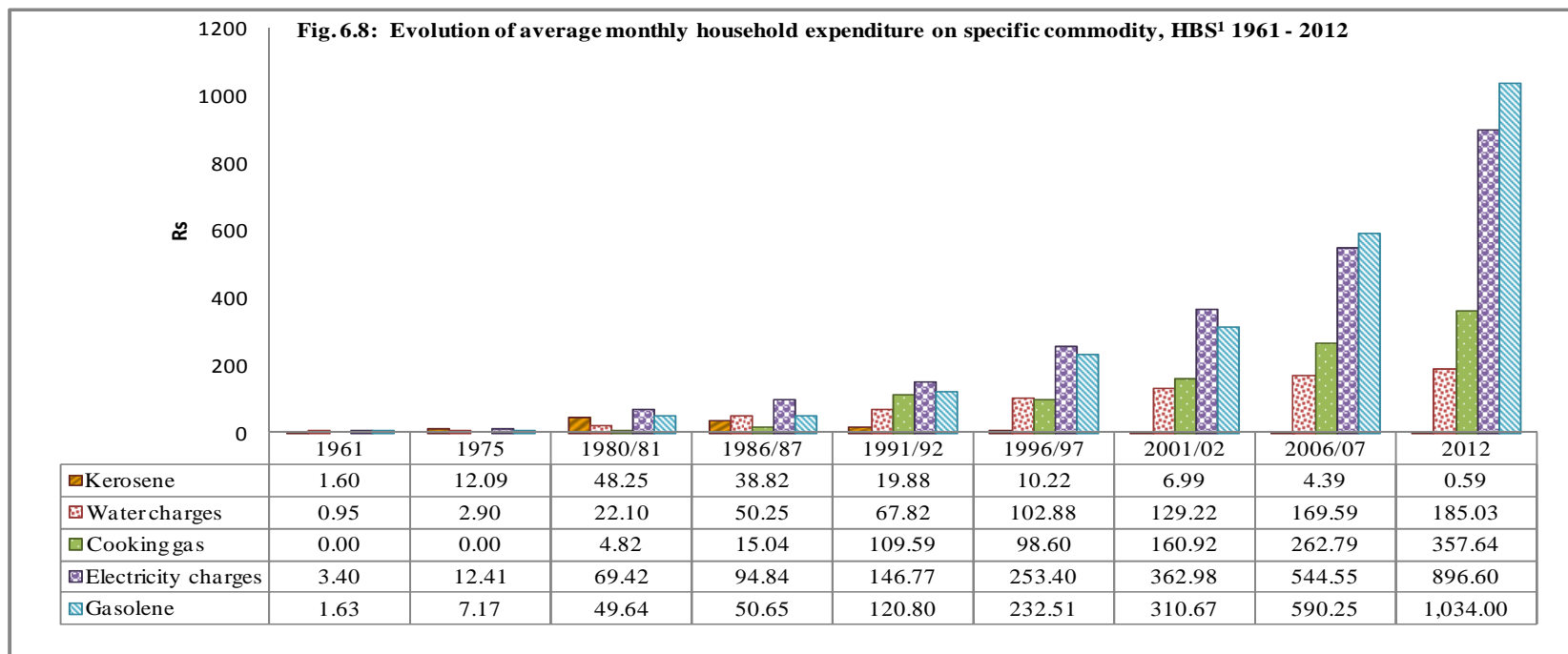
Geographical location	Availability of domestic water tank/reservoir							
	2000				2011			
	Available	Not Available	Not stated	Total	Available	Not Available	Not stated	Total
Port Louis	8,990	23,758	5	32,753	14,639	18,045	39	32,723
Pamplemousses	10,492	19,392	2	29,886	15,544	20,597	9	36,150
Riviere du Rempart	8,401	16,031	10	24,442	15,305	14,056	12	29,373
Flacq	6,617	24,081	15	30,713	13,154	23,466	5	36,625
Grand Port	7,870	18,799	7	26,676	12,751	17,604	5	30,360
Savanne	3,757	13,059	2	16,818	5,534	13,455	3	18,992
Plaines Wilhems	48,088	45,647	27	93,762	62,462	41,409	50	103,921
Moka	6,289	12,248	4	18,541	10,713	11,397	12	22,122
Black River	4,730	10,842	7	15,579	9,065	11,949	11	21,025
Total Island of Mauritius	105,234 (36.4%)	183,857 (63.6%)	79 (0.0%)	289,170 (100.0%)	159,167 (48.1%)	171,978 (51.9%)	146 (0.0%)	331,291 (100.0%)
Island of Rodrigues	3,273	5,372	6	8,651	10,215	772	1	10,988
Agalega	40	20	-	60	79	-	-	79
Republic of Mauritius	108,547 (36.4%)	189,249 (63.5%)	85 (0.0%)	297,881 (100.0%)	169,461 (49.5%)	172,750 (50.5%)	147 (0.0%)	342,358 (100.0%)



and connection to sewerage system - Housing Census 2011

Geographical location	Connection to Sewerage system		
	Connected	Not connected	Total
Port Louis	28,442	4,281	32,723
Pamplemousses	3,848	32,302	36,150
Riviere du Rempart	1,473	27,900	29,373
Flacq	-	36,625	36,625
Grand Port	-	30,360	30,360
Savanne	-	18,992	18,992
Plaines Wilhems	39,496	64,425	103,921
Moka	1,372	20,750	22,122
Black River	28	20,997	21,025
Total Island of Mauritius	74,659 (22.5%)	256,632 (77.5%)	331,291 (100.0%)
Island of Rodrigues	-	10,988	10,988
Agalega	-	79	79
Republic of Mauritius	74,659 (21.8%)	267,699 (78.2%)	342,358 (100.0%)

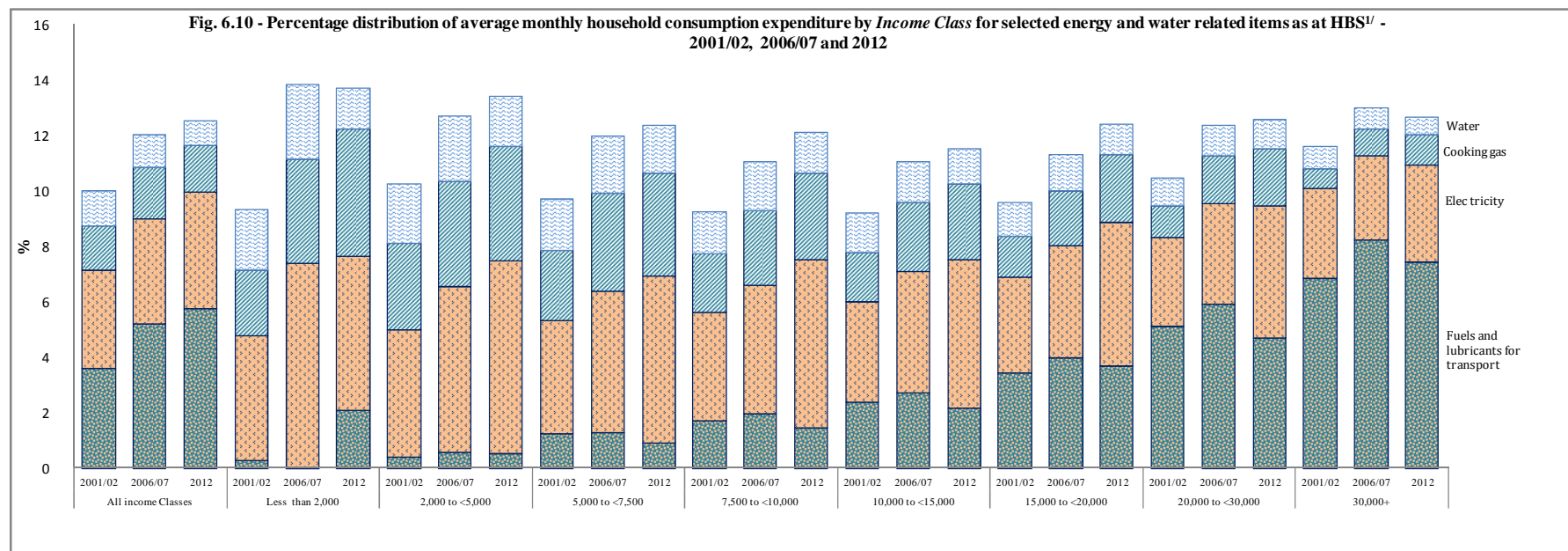




1/ Household Budget Survey

Table 6.7 - Distribution of average monthly household consumption expenditure by *Income Class* for selected energy and water related items as at HBS^{1/} 2006/2007 and 2012

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+	
	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012
	<i>Rupees</i>																	
Water supply	169.59	185.03	107.23	65.05	101.29	94.04	126.38	118.64	149.61	132.52	159.13	151.86	174.00	166.30	197.71	199.01	219.96	228.38
Sewage collection	28.55	39.23	0.00	10.41	15.34	18.77	16.55	23.61	22.05	26.22	29.39	35.13	28.28	37.87	32.90	38.96	40.75	48.90
Electricity	544.55	896.61	293.69	243.05	258.19	360.07	315.06	422.11	386.74	542.55	461.23	638.01	552.20	769.88	655.79	884.31	931.41	1,275.24
Cooking gas (LPG)	262.79	357.64	149.11	201.60	163.14	213.93	219.07	260.73	225.94	276.23	260.57	325.63	274.47	358.51	307.71	378.11	299.28	402.33
Liquid fuels	5.11	0.64	37.83	2.09	8.66	2.29	7.04	0.74	5.75	1.10	6.54	0.22	3.92	1.05	3.62	0.40	2.25	0.54
Solid fuels	1.76	1.39	0.00	0.00	1.78	0.00	1.83	0.20	0.95	0.48	0.68	0.35	2.77	0.15	1.46	3.53	3.40	1.41
Fuels and lubricants for personal transport equipment	743.80	1,218.34	1.36	91.62	25.17	27.10	78.86	63.02	161.51	130.23	288.66	257.05	544.02	545.16	1,075.17	873.60	2,529.55	2,705.60
All items	14,300.26	21,240.56	3,987.70	4,382.31	4,317.14	5,181.24	6,181.31	7,003.88	8,343.76	8,946.93	10,570.38	11,908.66	13,683.83	14,794.13	18,114.97	18,575.74	30,690.76	36,429.00
	<i>Percentage of total household consumption expenditure</i>																	
Water supply	1.19	0.87	2.69	1.48	2.35	1.82	2.04	1.69	1.79	1.48	1.51	1.28	1.27	1.12	1.09	1.07	0.72	0.63
Sewage collection	0.20	0.18	0.00	0.24	0.36	0.36	0.27	0.34	0.26	0.29	0.28	0.29	0.21	0.26	0.18	0.21	0.13	0.13
Electricity	3.81	4.22	7.36	5.55	5.98	6.95	5.10	6.03	4.64	6.06	4.36	5.36	4.04	5.20	3.62	4.76	3.03	3.50
Cooking gas (LPG)	1.84	1.68	3.74	4.60	3.78	4.13	3.54	3.72	2.71	3.09	2.47	2.73	2.01	2.42	1.70	2.04	0.98	1.10
Liquid fuels	0.04	0.00	0.95	0.05	0.20	0.04	0.11	0.01	0.07	0.01	0.06	0.00	0.03	0.01	0.02	0.00	0.01	0.00
Solid fuels	0.01	0.01	0.00	0.00	0.04	0.00	0.03	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.01	0.02	0.01	0.00
Fuels and lubricants for personal transport equipment	5.20	5.74	0.03	2.09	0.58	0.52	1.28	0.90	1.94	1.46	2.73	2.16	3.98	3.68	5.94	4.70	8.24	7.43



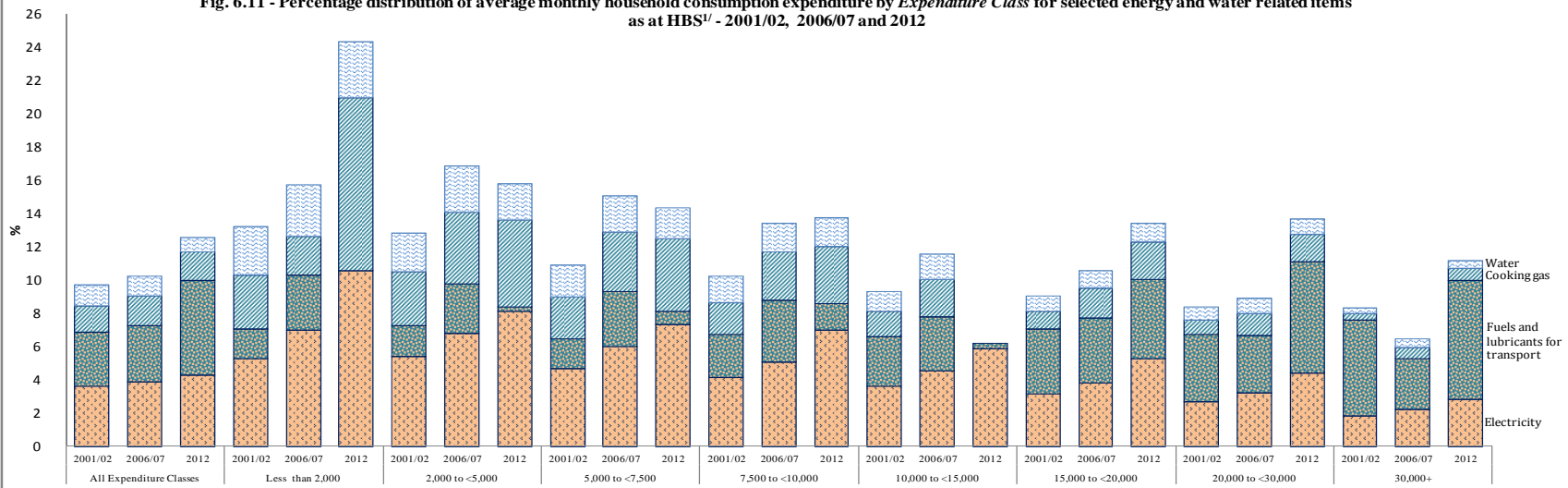
1/ Household Budget Survey

Table 6.8 - Distribution of average monthly household consumption expenditure by Expenditure Class for selected energy and water related items as at HBS^{1/} 2006/2007 and 2012

Classification of individual consumption according to purpose (COICOP)	Expenditure Class																	
	All Expenditure 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+	
	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012
	<i>Rupees</i>																	
Water supply	169.59	185.03	46.46	53.07	104.50	83.93	136.39	116.16	153.31	145.91	179.98	166.73	184.28	200.27	215.71	213.32	239.71	249.26
Sewage collection	28.55	39.23	2.35	7.18	14.16	21.85	17.68	24.30	25.97	28.99	29.28	35.34	44.54	42.17	34.48	47.74	38.64	50.81
Electricity	544.55	896.61	102.40	167.49	253.30	313.63	372.12	464.45	441.58	610.23	553.49	727.38	645.30	909.47	756.49	1,062.22	1,037.83	1,486.45
Cooking gas (LPG)	262.79	357.64	33.69	164.49	161.15	203.62	225.19	276.76	251.19	307.81	274.02	348.35	302.54	383.42	323.18	404.54	315.63	405.43
Liquid fuels	5.11	0.64	7.51	1.15	5.41	0.76	6.72	0.38	6.13	1.37	5.90	0.30	4.41	0.48	2.27	0.92	1.34	0.54
Solid fuels	1.76	1.39	0.00	0.00	1.15	0.00	0.54	0.14	2.49	0.24	1.23	0.17	1.78	0.86	3.35	4.57	2.83	1.74
Fuels and lubricants for personal transport equipment	483.93	1,218.34	49.57	0.00	110.55	10.71	209.78	52.08	323.08	138.55	396.02	41.41	672.39	831.16	830.20	1,637.03	1,422.47	3,863.56
All purposes	14,300.00	21,240.56	1,476.86	1,585.58	3,736.48	3,884.79	6,273.61	6,367.34	8,722.10	8,792.51	12,212.13	12,537.20	17,155.89	17,369.80	24,015.43	24,378.62	47,041.71	53,838.03
	<i>Percentage of total household consumption expenditure</i>																	
Water supply	1.19	0.87	3.15	3.35	2.80	2.16	2.17	1.82	1.76	1.66	1.47	1.33	1.07	1.15	0.90	0.88	0.51	0.46
Sewage collection	0.20	0.18	0.16	0.45	0.38	0.56	0.28	0.38	0.30	0.33	0.24	0.28	0.26	0.24	0.14	0.20	0.08	0.09
Electricity	3.81	4.22	6.93	10.56	6.78	8.07	5.93	7.29	5.06	6.94	4.53	5.80	3.76	5.24	3.15	4.36	2.21	2.76
Cooking gas (LPG)	1.84	1.68	2.28	10.37	4.31	5.24	3.59	4.35	2.88	3.50	2.24	2.78	1.76	2.21	1.35	1.66	0.67	0.75
Liquid fuels	0.04	0.00	0.51	0.07	0.14	0.02	0.11	0.01	0.07	0.02	0.05	0.00	0.03	0.00	0.01	0.00	0.00	0.00
Solid fuels	0.01	0.01	0.00	0.00	0.03	0.00	0.01	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.01	0.02	0.01	0.00
Fuels and lubricants for personal transport equipment	3.38	5.74	3.36	0.00	2.96	0.28	3.34	0.82	3.70	1.58	3.24	0.33	3.92	4.79	3.46	6.72	3.02	7.18

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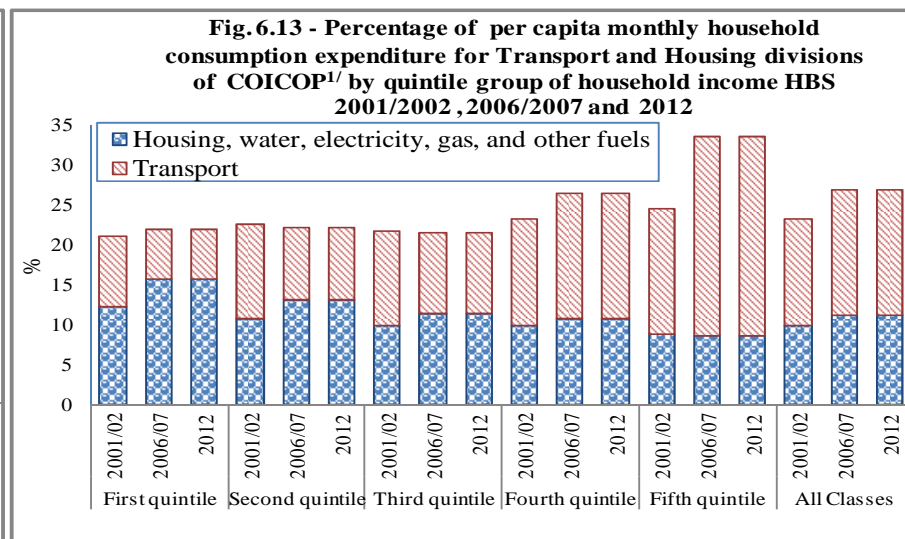
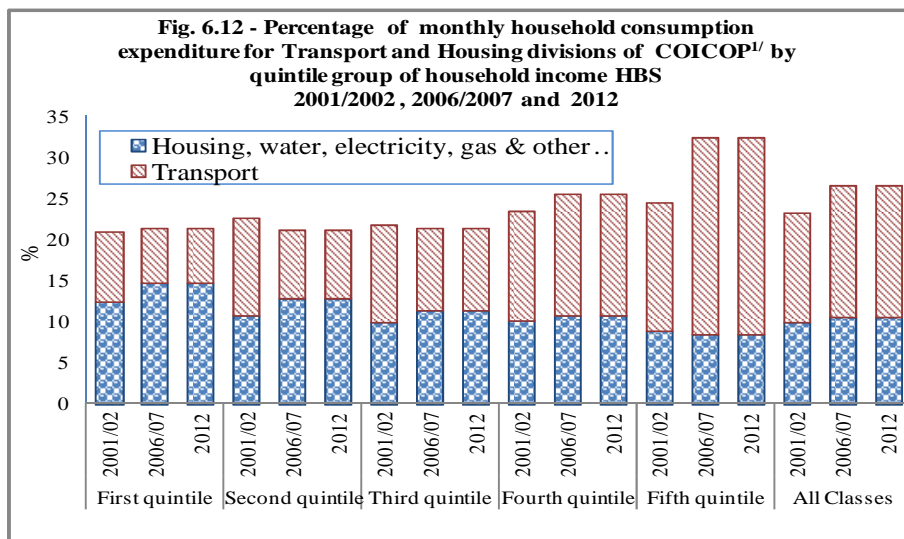
Fig. 6.11 - Percentage distribution of average monthly household consumption expenditure by Expenditure Class for selected energy and water related items as at HBS^{1/} - 2001/02, 2006/07 and 2012



^{1/} Household Budget Survey

Table 6.9 - Average monthly household consumption expenditure for Transport and Housing divisions of COICOP^{1/} by quintile^{2/} group of household income at HBS 2006/2007 and 2012

Classification of individual consumption according to purpose (COICOP) Division	First Quintile		Second Quintile		Third quintile		Fourth quintile		Fifth quintile		All classes													
	2006/2007		2012		2006/2007		2012		2006/2007		2012													
	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%												
Average monthly household consumption expenditure																								
Housing, water, electricity, gas & other fuels	903	14.7	1046	16.4	1209	12.7	1531	13.7	1369	11.3	1895	12.1	1689	10.6	2263	10.2	2320	8.3	3494	7.1	1498	10.5	20.66	9.7
Transport	413	6.7	255	4.0	805	8.5	473	6.7	1206	10.0	1465	9.4	2379	14.9	2712	12.2	6675	24.0	1258	24.7	2295	16.0	3549	16.7
All items	6,141	100	6,374	100	9,497	100	11,138	100	12,063	100	15,624	100	15,983	100	22,252	100	27,830	100	49,156	100	14,300	100	21,241	100
Per capita monthly household consumption expenditure																								
Housing, water, electricity, gas & other fuels	450	15.7	544	8.5	403	13.0	546	4.9	417	11.4	619	4.0	494	10.8	671	3.0	660	8.6	1041	2.1	485	11.1	688	3.2
Transport	179	6.2	121	1.9	279	9.0	276	2.5	372	10.2	487	3.1	721	15.8	823	3.7	1917	25.0	3690	7.5	693	15.9	1104	5.2
All items	2,865	100	3,299	100	3,089	100	4,046	100	3,658	100	5,012	100	4,575	100	6,433	100	7,658	100	14,341	100	4,369	100	6,707	100



1/ Classification of individual consumption according to purpose

2/ Each quintile represents 20% of the population

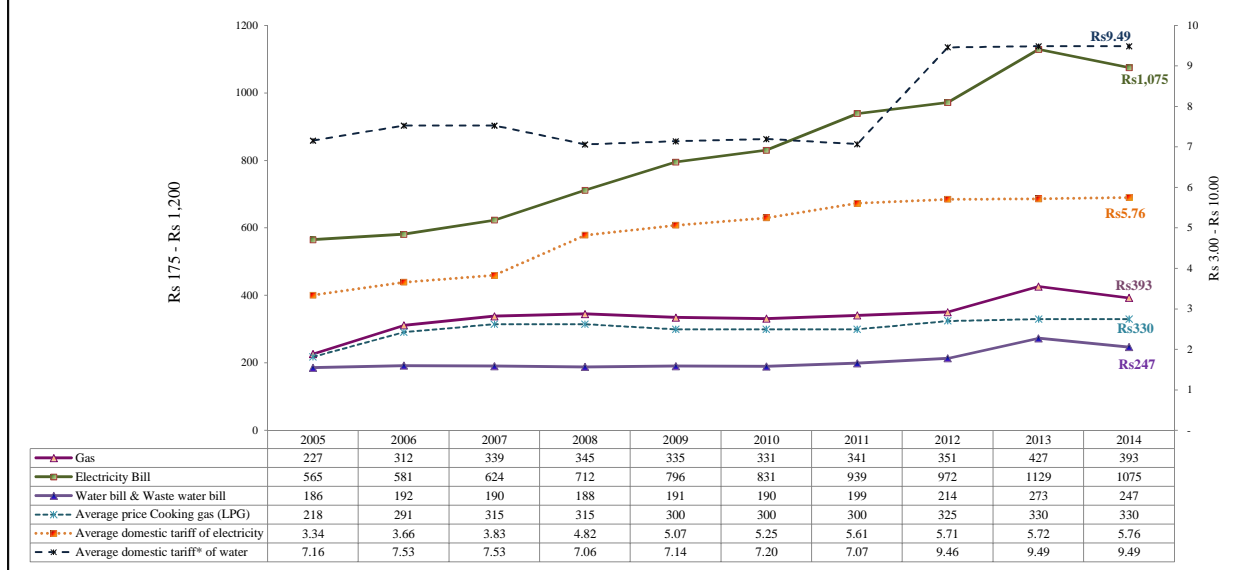
Table 6.10 - Household expenditure for selected energy and water related items by district, CMPHS^{1/} 2005 - 2014

	Rs										
	All districts	Port Louis	Pamplemousses	Riviere du Rempart	Flacq	Grand Port	Savanne	Plaines Wilhems	Moka	Black River	Rodrigues
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
2010^{2/}											
Average total expenditure	16,872	14,907	17,532	15,897	15,338	16,111	13,930	21,902	16,158	18,954	11,664
Gas	331	282	323	333	352	380	350	342	376	298	249
Water bill & Waste water bill	190	263	189	182	193	187	184	207	181	223	1
Electricity bill	831	898	870	811	766	787	676	965	752	976	581
2011^{2/}											
Average total expenditure	18,341	16,505	18,938	18,631	16,521	17,491	15,467	23,232	17,285	19,937	13,102
Gas	341	285	329	338	361	373	379	351	386	323	269
Water bill & Waste water bill	199	289	196	196	196	185	188	213	187	249	7
Electricity bill	939	1,018	976	966	856	871	770	1,096	825	1,028	728
2012^{2/}											
Average total expenditure	19,060	17,317	19,282	19,072	16,985	17,767	15,175	24,231	20,080	20,389	13,885
Gas	351	287	339	353	373	380	398	366	402	314	280
Water bill & Waste water bill	214	316	204	212	210	191	210	237	214	252	0
Electricity bill	972	1,085	1,001	966	854	910	849	1,124	900	1,060	725
2013^{2/}											
Average total expenditure	21,154	19,370	21,828	22,638	18,957	19,119	17,305	26,491	21,609	22,191	14,675
Gas	427	368	410	423	427	466	463	453	479	387	349
Water bill & Waste water bill	273	360	257	244	248	243	250	302	239	283	-
Electricity bill	1,129	1,197	1,188	1,205	1,003	974	929	1,270	1,031	1,424	819
2014^{2/}											
Average total expenditure	21,770	20,132	21,674	23,588	19,970	20,263	17,795	26,548	23,341	23,285	14,390
Gas	393	347	381	384	404	410	422	415	438	362	320
Water bill & Waste water bill	247	345	218	214	226	212	228	274	227	252	342
Electricity bill	1,075	1,205	1,086	1,157	938	925	907	1,179	1,015	1,368	779

1/ Continuous Multipurpose Household Survey

2/ Separate figures for Waste Water bill are not available as from 2009

Fig. 6.14 - Average household expenditure as at CMPHS^{1/} and average actual price of LPG, electricity and water, 2005 - 2014



* CWA tariffs of 2002 were amended by the water supply regulations of 2011 which became effective as from Jan 2012

Fig. 6.15 - Percentage household expenditure on gas by district, CMPHS^{1/} 2010 - 2014

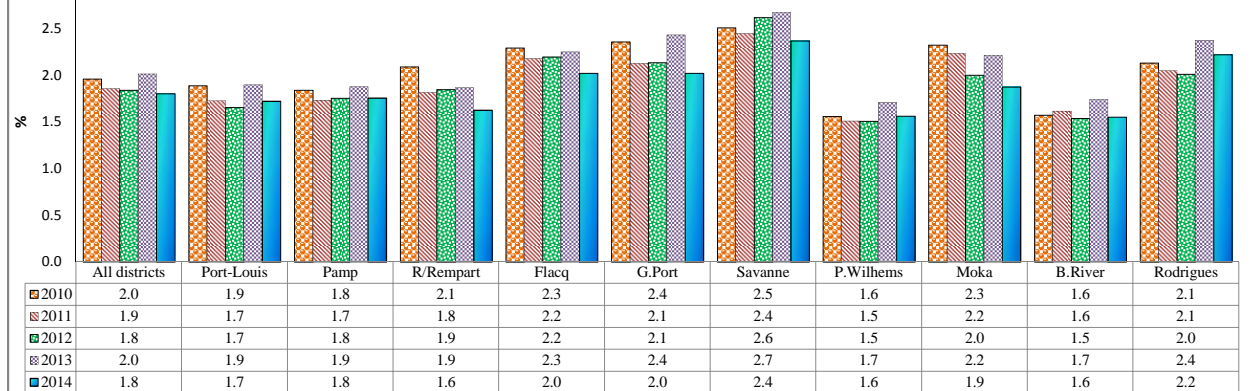


Fig. 6.16 - Percentage household expenditure on Water and Waste Water Bill by district, CMPHS^{1/} 2010 - 2014

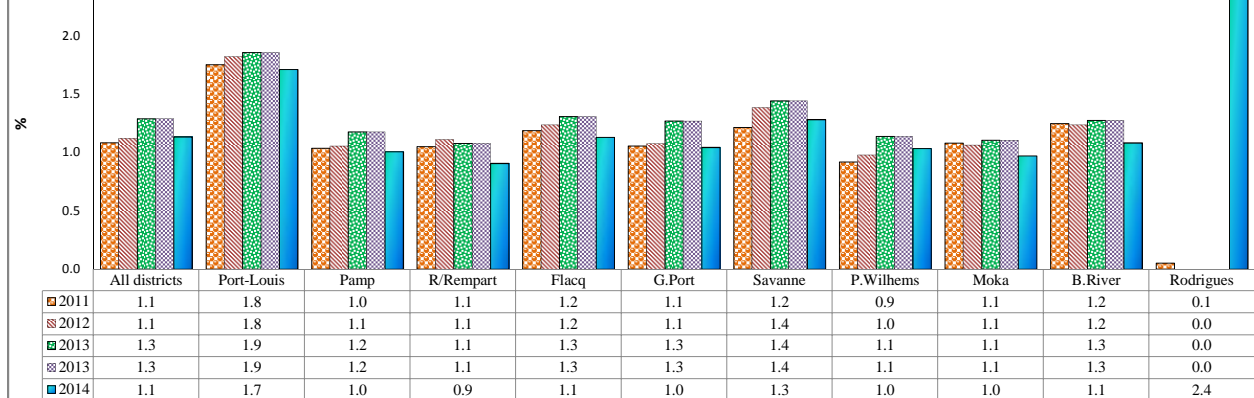
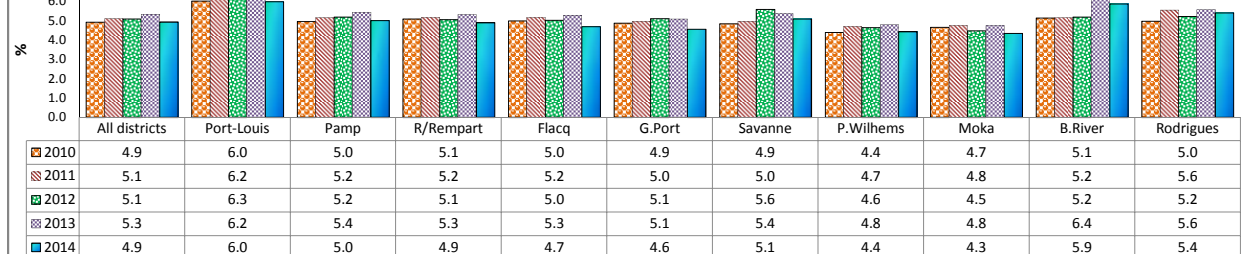


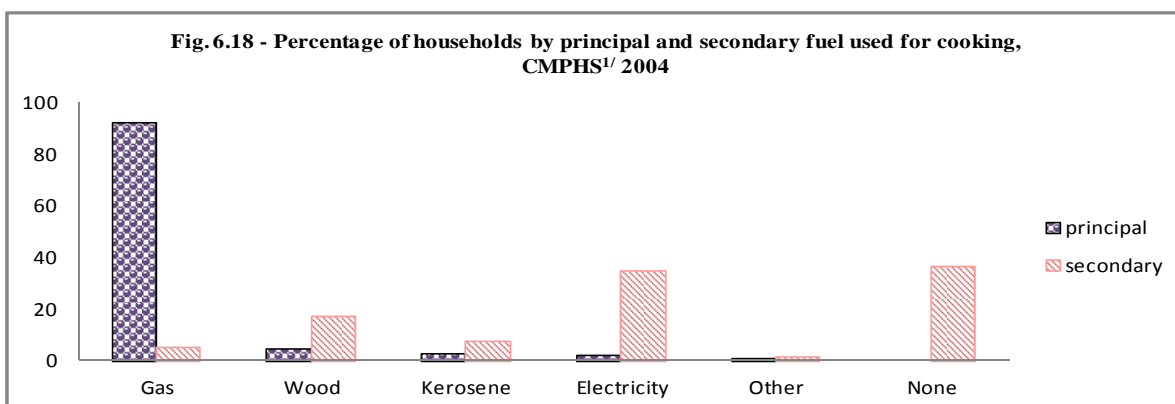
Fig. 6.17 - Percentage household expenditure on Electricity by district, CMPHS^{1/} 2010-2014



1/ Continuous Multipurpose Household Survey

Table 6.11 - Percentage of households by principal and secondary fuel used for cooking - CMPHS^{1/} 2004

Fuel used	% of households					
	Principal fuel					Secondary fuel
	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

**Table 6.12 - Percentage of households by main source of energy used for heating water for bathing - 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 6.13 - 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

Note: Figures are based on sample results of 8,640 households surveyed

Table 6.14 - Findings from 'Energy Use' module of CMPHS^{1/} 2009

Percentage of households:	%
1. using a solar water heater	8.3
2. being aware of the facilities of cash value of Rs 10,000 issued by the Development Bank of Mauritius for the purchase of solar water heater	82.7
3. using a Residual Current Device (RCD)	60.5
4. taking measures to reduce consumption of electricity during peak times (6.00 pm to 8.00 pm) for normal periods of the year	80.2
5. taking measures to reduce consumption of electricity during peak times (6.00 pm to 8.00 pm) for summer time periods of the year	75.2
6. taking measures to reduce electrical energy consumption during the past 12 months:	
(i) Shift more to LPG (gas) for cooking instead of electricity	22.2
(ii) Shift more to kerosene for cooking instead of electricity	0.8
(iii) Shift more to wood for cooking instead of electricity	5.0
(iv) Shift more to charcoal for cooking instead of electricity	0.8
(v) Use of other types of fuel instead of electricity for water heating	11.6
(vi) Use of low consumption electrical bulb	64.3
(vii) Use of low consumption electrical appliances	22.8
(viii) Turning off lights/electrical appliances when not in use	73.2
(ix) Adjust timing of activities according to summertime	49.4
(x) Other measures during summertime	22.3
(xi) Other measures	1.4
7. being aware of energy saving campaign conducted by the Ministry of Public Utilities and the CEB during the past 12 months	91.7

1/ Continuous Multipurpose Household Survey

Note: Figures are based on sample results of 6,390 households surveyed

Table 6.15 - Percentage of households equipped with solar water heater, CMPHS^{1/} 2012

Solar Water Heater	% of households
Equipped	19.7
Not Equipped	80.3
<i>Interested to buy</i>	<i>41.2</i>
<i>Not interested to buy</i>	<i>39.1</i>
Total	100.0

Table 6.16 - Percentage of households not interested to buy a solar water heater by reason, CMPHS^{1/} 2012

Reason	% of households
Not necessary	51.8
Too expensive	40.5
Not appropriate for region	2.6
Other reasons	5.1
Total	100.0

Table 6.17 - Percentage of households by measures taken to reduce electrical energy consumption, CMPHS^{1/} 2012

Measure	% of households reporting
Turning off lights when not in use	97.5
Turning off electrical appliances when not in use	80.1
Use of low consumption electrical bulbs	73.8
Use of other types of fuel instead of electricity for cooking	73.5
Use of other types of fuel instead of electricity for water heating	62.7
Iron clothes in batch	52.5
Other measures	0.7

1/ Continuous Multipurpose Household Survey

Note: Figures are based on sample results of 5,640 households surveyed