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DIGEST OF ENERGY AND WATER STATISTICS - 2013

FOREWORD

This is the sixteenth issue of a regular publication of Statistics Mauritius on energy and water statistics. It presents latest statistics on energy for the years 2004 to 2013 and on water for the period 2009 to 2013. 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 | The maximum power available from a power station at a point in time: <ul style="list-style-type: none"> - <i>Installed capacity</i>: The nameplate capacity of the generator set. - <i>Plant capacity</i>: The net capacity measured at the terminals of the stations, i.e. after deduction of the power absorbed by the auxiliary installations and the losses in the station transformers. - <i>Effective capacity</i>: It is the plant capacity less any amount of derated capacity from the install capacity. |
| Charcoal | Comprises the solid residue obtained by the destructive distillation of wood in the absence of air. |
| Coal | Fossil fuel that has a high degree of coalification, with a gross calorific value over 24MJ/kg (5700 Kcal/kg) on an ash-free but moist basis. |
| Conversion factors | Factors used to convert quantities from original physical units into a common accounting unit for the purpose of aggregating diverse energy sources. The ‘tonne of oil equivalent’ (toe) has been adopted as the accounting unit. |
| Diesel Oil | Consists primarily of medium oil distilling between 180 ⁰ C and 380 ⁰ C. |
| Energy | Means the capacity for doing work or for producing heat. Producing heat is a common manifestation of ‘doing work’ as are producing light and motive force. |
| Energy Balance | Shows in a consistent accounting framework, the production, transformation and final consumption of all forms of energy for a given geographical area and a given period of time, with quantities expressed in terms of a single accounting unit for purposes of comparison and aggregation. The energy balance thus presents an overview of the energy produced and consumed in a system, matching input and output for a specific time period, usually a year |
| Energy intensity | Provides a measure of the efficiency with which energy is being used in production. 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 | Energy consumption by final user- i.e. energy which is not being used for transformation into other forms of energy. The consumption by sector is presented as follows: <i>Agriculture:</i> Energy used for irrigation and by other agricultural equipments; <i>Commercial & distributive trade:</i> Energy consumed by the business and commercial sector; <i>Residential:</i> Consumption of energy by residential sector; <i>Manufacturing:</i> Consumption in industry and construction; and <i>Transport:</i> Includes consumption by land vehicles, ships and local aircrafts. |
| Fossils fuels | Formed from the fossilized remains of dead plants and animals by exposure to heat and pressure in the Earth's crust over hundreds of millions of years. |
| Fuels | The term fuel is used to describe those energy sources, whether primary or secondary, that must be subjected to combustion or fission in order to release the energy stored up inside them. |
| Fuel wood | The term 'fuel wood' embraces all forms of woody material. |
| Fuel Oils | The heavy oils from the refining process and used as fuel in power stations. It is also commonly used by ships and industrial large-scale heating boilers installations as a fuel in furnaces or boilers. |
| Gasolene | Comprises a mixture of relatively volatile hydrocarbons with or without small quantities of activities, which have been blended to form a fuel suitable for use in spark-ignition internal combustion engines. |
| Gross Domestic Product (GDP) | It represents the aggregate money value of all goods and services produced within a country out of economic activity during a specified period, usually a year, before provision for the consumption of fixed capital. |
| Gigawatt hour (GWh) | Unit of electrical energy, equal to 3.6 terajoules (TJ). |
| Hydro | Energy derived from the potential and kinetic energy content of water. |
| Imports | Refer to amount of fuels obtained from other countries. |
| Indigenous production | Comprises hydro electricity, fuel wood, bagasse and electricity from wind generation. |
| IPP (Independent Power Producers) | Undertakings which, in addition to their main activities, themselves produce (individually or in combination) electric energy intended, in whole or in part, to meet their own needs and for sale to the CEB. |
| Jet fuel Kerosene-type | Refers to medium oils meeting the required properties for use in jet engines and aircraft-turbine engines. |
| Kerosene (exlc. Jet fuel type) | A medium oil distilling between 150 ⁰ C and 300 ⁰ C and which is used in sectors other than aircraft transport. |
| Kilowatt hour (kWh) | It is a precise measure of heat and work. 1kWh=3.6 x 10 ⁶ joules |

| | |
|---|---|
| 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 – 2013

Introduction

This issue of the 'Digest of Energy and Water Statistics, 2013' covers the period 2004 to 2013 for energy statistics, and the years 2009 to 2013 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 2013, total primary energy requirement was 1,455 ktoe, showing an increase of 1.9% compared to 1,428 ktoe in 2012. Consequently, this led to an increase of 1.8% in the per capita primary energy requirement from 1.14 toe in 2012 to 1.16 toe.

2.2.1 Primary energy requirement from fossil fuel

In 2013, around 85% (1,235 ktoe) of the total primary energy requirement was met from imported fossil fuels (petroleum products and coal) against 84% (1,205 ktoe) in the preceding year. The share of the different fossil fuels within the total primary energy requirement in 2013 was as follows: coal (30.3%), fuel oil (17.1%), diesel oil (14.2%), gasolene (9.8%), jet fuel kerosene (8.3%), Liquefied Petroleum Gas (LPG) - (5.1%) and kerosene (excluding jet fuel) - (0.1%).

Energy supply from petroleum products increased by 1.0%: from 787 ktoe in 2012 to 795 ktoe in 2013. It comprised mainly fuel oil (31.3%), diesel oil (26.0%), gasolene (18.0%), aviation fuel (15.2%) and LPG (9.4%). Supply of coal increased by 5.5%: from 418 ktoe in 2012 to 441 ktoe in 2013 - (Table 2.1).

2.2.2 Primary energy requirement from local sources (renewables)

In 2013, primary energy requirement obtained from local renewable sources namely: hydro, wind, landfill gas, photovoltaic, bagasse and fuelwood stood at 219 ktoe and it accounted for around 15% of the total primary energy requirement. Bagasse and hydro contributed around 92% and 4% of the local renewable sources respectively while wind, landfill gas, photovoltaic and fuelwood accounted for the remaining 4%.

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 0.73 in 2013 compared to 0.74 in 2012.

2.2.4 Imports of energy sources

Imports of fossil fuels (petroleum products and coal) totalled 1,667 ktoe in 2013, up by 4.5% from 1,595 ktoe in 2012. Fuel oil constituted around 34% of petroleum imports, diesel oil 28%, dual purpose kerosene 21%, gasolene 12% and LPG 6%.

Compared to 2012, imports of petroleum products rose by 7.4 % (from 1,143 to 1,228 ktoe) while those of coal decreased by 2.9% (from 452 to 439 ktoe) - (Table 2.3 and Fig. 2.3).

The import bill of petroleum products and coal increased by 4.5% from Rs 33,421 million in 2012 to Rs 34,915 million in 2013 and accounted for around 21% of the total imports bill (Table 2.5 and Fig. 2.4). During the same period, the average imports price of kerosene (excluding jet fuel) went up by 1.3% and jet fuel kerosene by 0.2 % while that of coal fell by 14.7%, fuel oil by 3.5%, LPG by 3.4%, gasolene by 0.3% and diesel oil by 0.1% - (Table 2.7 and Fig 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 1.4% from 222 ktoe in 2012 to 219 ktoe in 2013. It was largely due to a decline of 1.9 % in the production of bagasse from 206 ktoe in 2012 to 202 ktoe in 2013. On the other hand, increases were noted in the production of hydro (+28%), landfill gas (+12%) and photovoltaic (+187%) - (Table 2.1).

2.2.6 Re-exports and bunkering

Of the 1,667 ktoe of imported energy sources in 2013, around 386 ktoe (23.2%) were supplied to foreign marine vessels and aircraft, representing a rise of 2.9% compared to 375 ktoe in 2012. Re-exports consisted of 149.8 ktoe of fuel oil (38.9%), 120.5 ktoe of aviation fuel (31.2%) and 115.2 ktoe of diesel oil (29.9%) - (Table 2.6).

2.3 Electricity

2.3.1 Electricity generation

The peak power demand in 2013 reached 441.1 MW in the Island of Mauritius as compared with 430.1 MW in 2012, up by 2.6% - (Table 3.1).

Some 2,885 GWh (248 ktoe) of electricity was generated in 2013. Around 79% (2,291 GWh) of the electricity was generated from non-renewable sources, mainly coal and fuel oil while the remaining 21% (594 GWh) were from renewable sources, mostly bagasse - (Table 3.5).

Between 2012 and 2013,

- Total electricity generated increased by 3.1% from 2,797 GWh to 2,885 GWh;
- Electricity generated from coal increased by 4.5% from 1,162 GWh to 1,214 GWh and that from fuel oil and diesel oil together increased by 1.8% from 1,057 GWh to 1,076 GWh (Table 3.3); and
- Electricity generated from renewable sources increased from 567 GWh to 594 GWh, up by 4.8%. Main changes were as follows: hydro (+27.9%), landfill gas (+12.4%), bagasse (+0.5%). To note that 2.7 GWh of electricity was produced from photovoltaic in 2013 compared to 0.9 GWh in 2012 (Table 3.5).

Table 3.6 shows that the Independent Power Producers (IPPs) produced around 59% of the total electricity generated while the Central Electricity Board (CEB) the remaining 41%.

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 2012 and 2013, fossil fuel and bagasse input increased by 2.2% from 785 ktoe to 802 ktoe;
- In 2013, coal (52.8%) was still the major fuel used to produce electricity followed by fuel oil (25.9%) and bagasse (21.1%);
- Input of coal increased by 5.2% (from 402.5 ktoe in 2012 to 423.6 ktoe in 2013) and that of fuel oil by 1.5% (from 204.5 ktoe in 2012 to 207.5 ktoe in 2013); and
- Some 169.0 ktoe of bagasse was used to produce electricity in 2013 compared to 172.5 ktoe in 2012, down by 2.0%.

2.3.3 Electricity sales and consumption

Electricity sales increased by 3.9% from 2,294 GWh (197 ktoe) in 2012 to 2,384 GWh (205 ktoe) in 2013. 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 2013 was respectively 36%, 33%, and 30% - (Table 4.7 & Fig. 4.5).

The per capita consumption of electricity sold went up by 3.7% from 1,827 kWh in 2012 to 1,894 kWh in 2013 - (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 2.0% from 854 ktoe in 2012 to 871 ktoe in 2013.

The two main energy-consuming sectors were “Transport” and “Manufacturing”, accounting respectively for 50.4% and 24.4% of the energy consumed. They were followed by the household sector (14.2%), commercial and distributive trade (10.1%) and agriculture (0.5%) - (Table 4.2).

2.4.1 Transport

Energy consumed by the “Transport” sector, which represents around 50% of the total final energy consumption went up by 2.7% from 427.3 ktoe in 2012 to 438.8 ktoe in 2013. Consumption of fuel for land transport increased from 304.2 ktoe to 310.1 ktoe (+1.9%). The principal energy used in road transport was diesel.

Consumption of aviation fuel increased from 115.0 ktoe in 2012 to 120.7 ktoe in 2013 (+5.0%) and fuel consumed by sea transport remained at around 8.0 ktoe.

2.4.2 Manufacturing

Some 212.3 ktoe (around 24%) of the total final energy consumption was used by the manufacturing sector in 2013 against 215.5 ktoe in 2012, down by 1.5%. The main energy consumed by the sector was as follows: electricity (82.8 ktoe), fuel oil (37.6 ktoe), diesel oil (35.8 ktoe), bagasse (32.7 ktoe) and coal (17.1 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 5.3% from 83.7 ktoe in 2012 to 88.1 ktoe in 2013.

Electricity was the main source of energy in the “Commercial and Distributive Trade” sector and its consumption increased from 70.4 ktoe to 73.4 ktoe (+4.3%). LPG consumption went up by 10.9% from 12.9 ktoe to 14.3 ktoe.

2.4.4 Household

Final energy consumed by households (excluding transport) represented around 14% (123.4 ktoe) of the total energy consumption. The two main sources of energy for households were electricity and LPG, representing 54% and 41% respectively of the total energy consumed by households.

Between 2012 and 2013, household consumption of electricity and LPG rose by 3.7% and 2.2% respectively.

2.4.5 Agriculture

Final energy consumption in “Agriculture” stood at 4.5 ktoe in 2013, 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 2013, some 2.2 ktoe of electricity were used mainly for irrigation compared to 2.1 ktoe in 2012 while consumption of diesel oil, which was used for mechanical operations in fields dropped to 2.3 ktoe from 2.4 ktoe in 2012.

3. Water

3.1 Water Balance

In 2013, the Island of Mauritius received 3,821 million cubic metres (Mm^3) of precipitation (rainfall). Only 10% (382 Mm^3) of the precipitation went as ground water recharge, while evapotranspiration and surface runoff accounted for 30% ($1,146 \text{ Mm}^3$) and 60% ($2,293 \text{ Mm}^3$) respectively - (Figure 5.1).

3.2 Water utilisation

Total water utilisation was estimated at 888 Mm^3 in 2013. The agricultural sector accounted for 42% (375 Mm^3) of the water utilised. Hydropower constituted 32% (280 Mm^3) and domestic, industrial and tourism sector represented the remaining 26% (233 Mm^3) (Table 5.2).

Compared to 2012, water utilisation went up by 11%, from 800 to 888 Mm^3 with increases in each sector as follows: hydropower +28.4%, agricultural +2.7% and domestic, industrial and tourism +7.4%

Around 86% of the total water utilisation was met by surface water and the remaining 14 % by ground water.

3.3 Rainfall

During the year 2013, the mean amount of rainfall recorded around the Island of Mauritius was 2,049 millimetres (mm), representing an increase of 27.3% compared to 1,609 mm in 2012. The wettest month in 2013 was February with a mean of 463 mm of rainfall while September was the driest with a mean of 38 mm of rainfall. (Table 5.5)

The mean rainfall registered in Rodrigues at Pointe Canon in 2013 was 980 mm compared to 1,040 mm in 2012, down by 5.8%. The highest amount of rainfall with 218 mm was recorded in the month of February while the least amount was in July with 13 mm - (Table 5.6).

3.4 Water storage level

In 2013, 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 | 52 (January) | 100 (April) |
| Midlands Dam | 25.5 | 37 (January) | 100 (March and April) |
| La Ferme | 11.52 | 21 (January and November) | 100 (March and April) |
| Mare Longue | 6.28 | 36 (January) | 100 (April) |
| La Nicoliere | 5.26 | 39 (October and November) | 100 (February to May) |
| Piton du Milieu | 2.99 | 27 (January) | 100 (February to April) |

The mean percentage water level for all reservoirs (excluding Midlands Dam) varied from 49% to 100% in 2013. 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 0.9% from 215 Mm³ in 2012 to 217 Mm³ recorded in 2013. The average production from surface water and boreholes represented 50.4% and 49.6% respectively in 2013 - (Table 5.8).

3.6 Water sales and revenue collectible

Total volume of water sold was 111.3 Mm³ in 2013. Potable water made up 86.1% of the volume sold and the remaining 13.9% consisted of non-treated water. Water for domestic consumption was 73.4 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 2013 was Rs 1,348.7 million, which is an increase of around 2.0%, over the amount of Rs 1,322.6 million collected in 2012 - (Table 5.10).

Section I

Main indicators & Energy balance

Table 1.1 - Main energy indicators, 2004 - 2013

| Indicators | Unit | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 ¹ |
|--|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| Mid-year population ² | thousand | 1,221 | 1,228 | 1,234 | 1,240 | 1,244 | 1,247 | 1,250 | 1,252 | 1,256 | 1,259 |
| GDP in 2000 rupees | Rs.Million | 141,935 | 143,996 | 150,496 | 159,338 | 168,101 | 173,198 | 180,299 | 187,331 | 193,325 | 199,512 |
| GDP index (2000 = 100) | | 116.0 | 117.6 | 122.9 | 130.2 | 137.3 | 141.5 | 147.3 | 153.0 | 157.9 | 163.0 |
| Total primary energy requirement | ktoe | 1,255.8 | 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 |
| <i>Of which local (renewables)</i> | % | 22.0 | 20.3 | 18.5 | 17.8 | 18.8 | 17.5 | 16.9 | 16.2 | 15.6 | 15.1 |
| Annual increase | % | +2.7 | +3.0 | +6.5 | +0.4 | +1.6 | -4.1 | +6.2 | -0.3 | +0.1 | +1.9 |
| Total primary energy requirement index (Base 2000 = 100) ² | | 112.8 | 116.2 | 123.7 | 124.1 | 126.2 | 121.0 | 128.5 | 128.2 | 128.3 | 130.7 |
| Total final energy consumption | ktoe | 838 | 846 | 876 | 858 | 842 | 809 | 854 | 863 | 854 | 871 |
| <i>Of which renewables</i> | % | 10.7 | 9.9 | 9.3 | 8.4 | 5.4 | 5.4 | 5.8 | 5.4 | 4.8 | 4.5 |
| Total electricity generated | GWh | 2,165 | 2,272 | 2,350 | 2,465 | 2,557 | 2,577 | 2,689 | 2,739 | 2,797 | 2,885 |
| <i>Of which renewables</i> | % | 27.4 | 25.0 | 22.2 | 22.4 | 23.3 | 23.6 | 21.5 | 20.0 | 20.3 | 20.6 |
| Total electricity sold | GWh | 1,704 | 1,777 | 1,880 | 1,975 | 2,054 | 2,069 | 2,174 | 2,228 | 2,294 | 2,384 |
| Average sales price of electricity | Rs/kWh | 3.14 | 3.25 | 3.60 | 3.79 | 4.90 | 5.15 | 5.31 | 5.64 | 5.71 | 5.67 |
| Efficiency Indicators | | | | | | | | | | | |
| Import dependency | % | 78.05 | 79.69 | 81.51 | 82.21 | 81.24 | 82.45 | 83.11 | 83.80 | 84.43 | 84.92 |
| Energy intensity | toe per Rs.100,000 GDP at 2000 prices | 0.88 | 0.90 | 0.91 | 0.87 | 0.84 | 0.78 | 0.79 | 0.76 | 0.74 | 0.73 |
| Per capita primary energy requirement ³ | toe | 1.03 | 1.05 | 1.12 | 1.11 | 1.13 | 1.08 | 1.14 | 1.14 | 1.14 | 1.16 |
| Per capita final energy consumption ³ | toe | 0.69 | 0.69 | 0.71 | 0.69 | 0.68 | 0.65 | 0.68 | 0.69 | 0.68 | 0.69 |
| Per capita consumption of electricity sold ³ - Republic of Mauritius | kWh | 1,396 | 1,447 | 1,523 | 1,593 | 1,651 | 1,659 | 1,739 | 1,779 | 1,827 | 1,894 |
| Per capita consumption of electricity sold ³ - Island of Mauritius | kWh | 1,421 | 1,472 | 1,552 | 1,624 | 1,683 | 1,692 | 1,774 | 1,816 | 1,866 | 1,934 |
| Per capita consumption of electricity sold ³ - Island of Rodrigues | kWh | 584 | 666 | 643 | 638 | 645 | 660 | 661 | 664 | 675 | 707 |
| Per capita consumption of electricity consumed ³ | kWh | 1,571 | 1,632 | 1,708 | 1,783 | 1,852 | 1,877 | 1,963 | 1,997 | 2,040 | 2,112 |
| Electricity consumption per household | kWh | 1,800 | 1,872 | 1,876 | 1,923 | 1,924 | 1,980 | 2,042 | 2,058 | 2,109 | 2,157 |

¹ Provisional² Revised³ Revised, the estimates are based on population figures which have been revised according to the 2011 Population Census result

Table 1.2 - Energy balance, 2013 (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 | - | - | - | - | - | - | - | - | 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 1.3 - 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

Table 1.4 - Energy balance, 2012 (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 | - | - | - | - | - | - | - | - | 7,511 | - | 6,370 | 307 | 1,530 | 78 | 206,545 | 222,341 | - | 222,341 |
| Imports | 452,183 | 138,424 | 316,907 | 221,523 | 7,325 | 385,157 | 73,334 | 1,142,669 | - | - | - | - | - | - | - | - | - | 1,594,852 |
| Re-exports and bunkering | - | - | (103,697) | (114,707) | - | (156,792) | - | (375,196) | - | - | - | - | - | - | - | - | - | (375,196) |
| Stock change / Statistical error | (33,822) | (1,850) | 188 | 8,189 | (3,498) | 17,068 | (629) | 19,469 | - | - | - | - | - | - | - | - | - | (14,353) |
| Total Primary Energy Requirement | 418,361 | 136,574 | 213,398 | 115,005 | 3,827 | 245,433 | 72,706 | 786,942 | 7,511 | - | 6,370 | 307 | 1,530 | 78 | 206,545 | 222,341 | - | 1,427,644 |
| Public electricity generation plant | - | - | (1,876) | - | (3,574) | (204,511) | - | (209,961) | - | - | (6,370) | (307) | - | - | - | (6,677) | 98,528 | (118,110) |
| Autoproducer plants | (402,477) | - | - | - | - | - | - | - | - | - | - | - | (1,530) | (78) | (172,446) | (174,054) | 142,026 | (434,505) |
| Other transformation | - | - | - | - | - | - | - | - | (894) | 435 | - | - | - | - | - | (459) | - | (459) |
| Own use | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | (3,715) | (3,715) |
| Losses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | (16,449) | (16,449) |
| Total Final Consumption | 15,884 | 136,574 | 211,522 | 115,005 | 253 | 40,922 | 72,706 | 576,981 | 6,617 | 435 | - | - | - | - | 34,100 | 41,152 | 220,390 | 854,407 |
| Manufacturing sector | 15,884 | - | 41,723 | - | - | 37,395 | 5,900 | 85,018 | 536 | - | - | - | - | - | 34,100 | 34,635 | 79,947 | 215,485 |
| Transport sector ¹ | - | 136,574 | 167,445 | 115,005 | - | 3,527 | 4,712 | 427,263 | - | - | - | - | - | - | - | - | - | 427,263 |
| Commercial and distributive trade sector | - | - | - | - | - | - | 12,871 | 12,871 | - | 351 | - | - | - | - | - | 351 | 70,445 | 83,667 |
| Household | - | - | - | - | 253 | - | 48,955 | 49,208 | 6,081 | 84 | - | - | - | - | - | 6,166 | 64,745 | 120,118 |
| Agriculture | - | - | 2,354 | - | - | - | - | 2,354 | - | - | - | - | - | - | - | - | 2,146 | 4,501 |
| Other | - | - | - | - | - | - | 267 | 267 | - | - | - | - | - | - | - | - | 3,107 | 3,373 |

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

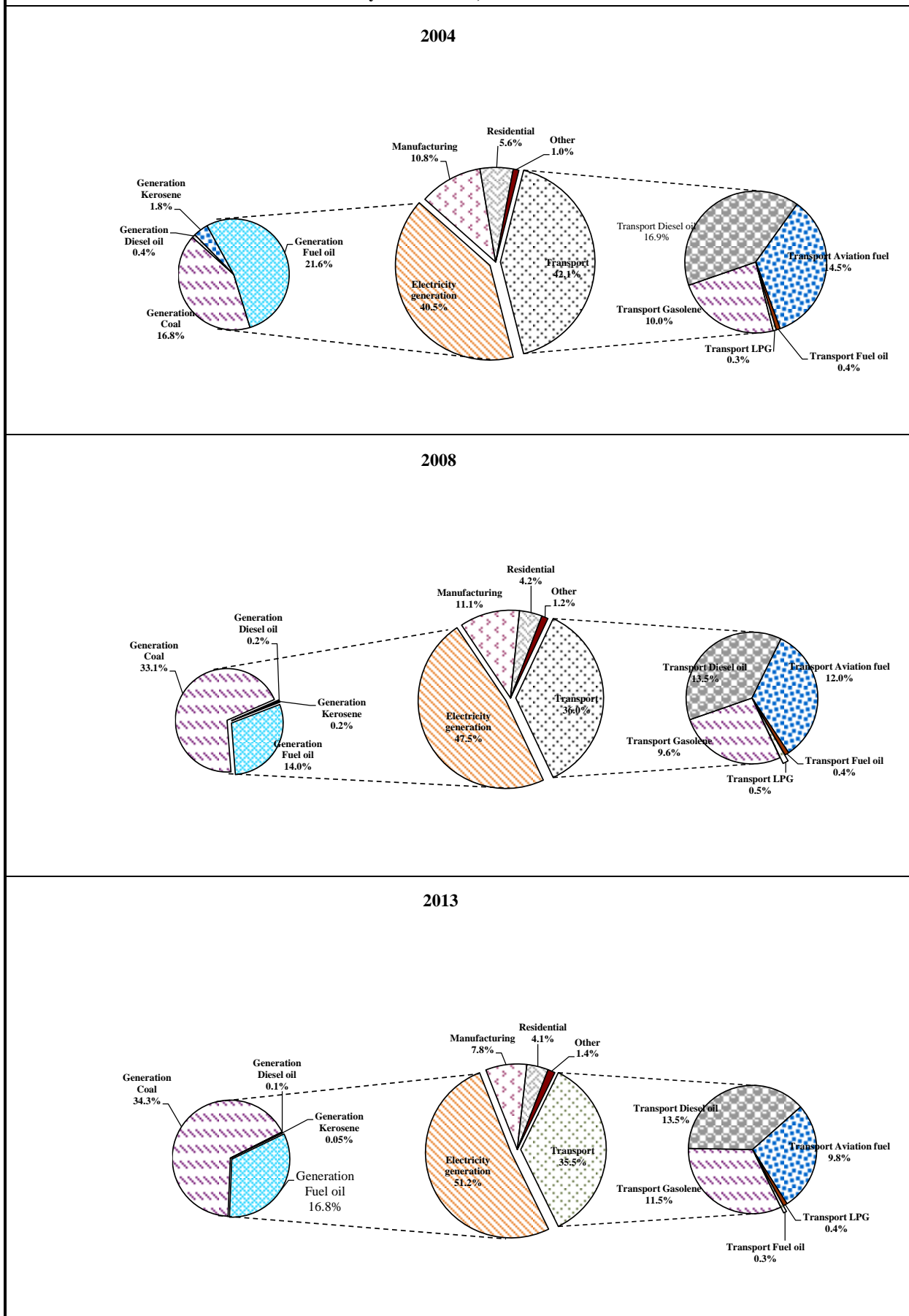
Table 1.5 - Energy balance, 2012 (Terajoules)

| 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 | | | | | | | | | | |
| Local production | - | - | - | - | - | - | - | - | 314 | - | 267 | 13 | 64 | 3 | 8,648 | 9,309 | - | 9,309 |
| Imports | 18,932 | 5,796 | 13,268 | 9,275 | 307 | 16,126 | 3,070 | 47,841 | - | - | - | - | - | - | - | - | - | 66,773 |
| Re-exports and bunkering | - | - | (4,342) | (4,803) | - | (6,565) | - | (15,709) | - | - | - | - | - | - | - | - | - | (15,709) |
| Stock change / Statistical error | (1,416) | (77) | 8 | 343 | (146) | 715 | (26) | 815 | - | - | - | - | - | - | - | - | - | (601) |
| Total Primary Energy Requirement | 17,516 | 5,718 | 8,935 | 4,815 | 160 | 10,276 | 3,044 | 32,948 | 314 | - | 267 | 13 | 64 | 3 | 8,648 | 9,309 | - | 59,773 |
| Public electricity generation plant | - | - | (79) | - | (150) | (8,562) | - | (8,791) | - | - | (267) | (13) | - | - | - | (280) | 4,125 | (4,945) |
| Autoproducer plants | (16,851) | - | - | - | - | - | - | - | - | - | - | - | (64) | (3) | (7,220) | (7,287) | 5,946 | (18,192) |
| Other transformation | - | - | - | - | - | - | - | - | (37) | 18 | - | - | - | - | - | (19) | - | (19) |
| Own use | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | (156) | (156) |
| Losses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | (689) | (689) |
| Total Final Consumption | 665 | 5,718 | 8,856 | 4,815 | 11 | 1,713 | 3,044 | 24,157 | 277 | 18 | - | - | - | - | 1,428 | 1,723 | 9,227 | 35,772 |
| Manufacturing sector | 665 | - | 1,747 | - | - | 1,566 | 247 | 3,560 | 22 | - | - | - | - | - | 1,428 | 1,450 | 3,347 | 9,022 |
| Transport sector ¹ | - | 5,718 | 7,011 | 4,815 | - | 148 | 197 | 17,889 | - | - | - | - | - | - | - | - | - | 17,889 |
| Commercial and distributive trade sector | - | - | - | - | - | - | 539 | 539 | - | 15 | - | - | - | - | - | 15 | 2,949 | 3,503 |
| Household | - | - | - | - | 11 | - | 2,050 | 2,060 | 255 | 4 | - | - | - | - | - | 258 | 2,711 | 5,029 |
| Agriculture | - | - | 99 | - | - | - | - | 99 | - | - | - | - | - | - | - | - | 90 | 188 |
| Other | - | - | - | - | - | - | 11 | 11 | - | - | - | - | - | - | - | - | 130 | 141 |

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 - 2004, 2008 and 2013



Section II

Primary energy requirement

Table 2.1 - Primary energy requirement, 2004 - 2013

| Energy source | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 ¹ | 2013 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|----------------|
| Physical unit (Thousand tonne or GWh) | | | | | | | | | | |
| Imported (Fossil fuels) | | | | | | | | | | |
| Coal | 289.3 | 363.8 | 484.5 | 572.6 | 651.4 | 595.7 | 667.8 | 641.5 | 674.8 | 710.7 |
| Petroleum products | | | | | | | | | | |
| Gasolene | 90.4 | 92.7 | 89.1 | 98.9 | 101.4 | 111.7 | 118.2 | 120.4 | 126.5 | 132.1 |
| Diesel Oil | 213.8 | 212.1 | 228.3 | 205.3 | 203.4 | 204.6 | 211.5 | 208.0 | 211.3 | 205.0 |
| Dual Purpose Kerosene | 162.3 | 165.1 | 146.8 | 140.4 | 135.5 | 112.6 | 126.3 | 133.3 | 114.3 | 116.9 |
| <i>Kerosene</i> | 25.3 | 27.5 | 5.8 | 2.3 | 3.9 | 6.4 | 7.7 | 4.2 | 3.7 | 0.8 |
| <i>Aviation Fuel</i> | 137.0 | 137.6 | 141.1 | 138.1 | 131.6 | 106.2 | 118.6 | 129.2 | 110.6 | 116.1 |
| Fuel Oil | 269.9 | 263.8 | 284.6 | 262.4 | 222.2 | 237.4 | 241.9 | 258.4 | 255.7 | 258.9 |
| LPG | 54.9 | 60.9 | 63.9 | 63.8 | 62.9 | 63.8 | 65.0 | 65.9 | 67.3 | 69.3 |
| Local (Renewables) | | | | | | | | | | |
| Hydro GWh | 122.3 | 114.9 | 76.6 | 83.9 | 108.0 | 122.4 | 100.7 | 56.5 | 74.1 | 94.8 |
| Wind GWh | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.5 | 2.5 | 2.8 | 3.6 | 3.6 |
| Landfill Gas GWh | - | - | - | - | - | - | - | 3.1 | 17.8 | 20.0 |
| Photovoltaic GWh | - | - | - | - | - | - | - | - | 0.9 | 2.7 |
| Bagasse ² | 1,611.2 | 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 |
| Fuelwood ² | 19.3 | 20.0 | 21.0 | 21.1 | 20.3 | 20.3 | 20.3 | 20.1 | 19.8 | 19.2 |
| Energy unit (ktoe) | | | | | | | | | | |
| Imported (Fossil fuels) | 980.1 | 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 |
| Coal | 179.4 | 225.6 | 300.4 | 355.0 | 403.9 | 369.3 | 414.1 | 397.7 | 418.4 | 440.6 |
| Petroleum products | 800.7 | 805.0 | 821.8 | 781.0 | 737.0 | 741.2 | 775.0 | 798.0 | 786.9 | 794.7 |
| Gasolene | 97.6 | 100.1 | 96.2 | 106.9 | 109.5 | 120.6 | 127.7 | 130.0 | 136.6 | 142.7 |
| Diesel Oil | 216.0 | 214.2 | 230.6 | 207.4 | 205.4 | 206.7 | 213.6 | 210.1 | 213.4 | 207.0 |
| Dual Purpose Kerosene | 168.8 | 171.7 | 152.7 | 146.0 | 140.9 | 117.2 | 131.3 | 138.7 | 118.8 | 121.6 |
| <i>Kerosene</i> | 26.3 | 28.6 | 6.0 | 2.4 | 4.0 | 6.7 | 8.0 | 4.3 | 3.8 | 0.9 |
| <i>Aviation Fuel</i> | 142.5 | 143.1 | 146.7 | 143.6 | 136.9 | 110.5 | 123.3 | 134.3 | 115.0 | 120.7 |
| Fuel Oil | 259.1 | 253.3 | 273.3 | 251.9 | 213.3 | 227.9 | 232.2 | 248.1 | 245.4 | 248.5 |
| LPG | 59.2 | 65.7 | 69.0 | 68.9 | 67.9 | 68.9 | 70.2 | 71.1 | 72.7 | 74.9 |
| Local (Renewables) | 275.7 | 262.6 | 254.6 | 245.8 | 263.5 | 236.3 | 241.6 | 231.1 | 222.3 | 219.4 |
| Hydro | 10.5 | 9.9 | 6.6 | 7.2 | 9.3 | 10.5 | 8.7 | 4.9 | 6.4 | 8.2 |
| Wind | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 |
| Landfill Gas | - | - | - | - | - | - | - | 0.3 | 1.5 | 1.7 |
| Photovoltaic | - | - | - | - | - | - | - | - | 0.1 | 0.2 |
| Bagasse | 257.8 | 245.1 | 240.0 | 230.5 | 246.4 | 218.0 | 225.0 | 218.1 | 206.5 | 201.7 |
| Fuelwood | 7.3 | 7.6 | 8.0 | 8.0 | 7.7 | 7.7 | 7.7 | 7.6 | 7.5 | 7.3 |
| Total | 1,255.8 | 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 |
| Percentage share (%) | | | | | | | | | | |
| Imported (Fossil fuels) | 78.0 | 79.7 | 81.5 | 82.2 | 81.2 | 82.5 | 83.1 | 83.8 | 84.4 | 84.9 |
| Coal | 14.3 | 17.4 | 21.8 | 25.7 | 28.8 | 27.4 | 28.9 | 27.9 | 29.3 | 30.3 |
| Petroleum products | 63.8 | 62.2 | 59.7 | 56.5 | 52.5 | 55.0 | 54.2 | 55.9 | 55.1 | 54.6 |
| Gasolene | 7.8 | 7.7 | 7.0 | 7.7 | 7.8 | 9.0 | 8.9 | 9.1 | 9.6 | 9.8 |
| Diesel Oil | 17.2 | 16.6 | 16.7 | 15.0 | 14.6 | 15.3 | 14.9 | 14.7 | 14.9 | 14.2 |
| Dual Purpose Kerosene | 13.4 | 13.3 | 11.1 | 10.6 | 10.0 | 8.7 | 9.2 | 9.7 | 8.3 | 8.4 |
| <i>Kerosene</i> | 2.1 | 2.2 | 0.4 | 0.2 | 0.3 | 0.5 | 0.6 | 0.3 | 0.3 | 0.1 |
| <i>Aviation Fuel</i> | 11.3 | 11.1 | 10.7 | 10.4 | 9.7 | 8.2 | 8.6 | 9.4 | 8.1 | 8.3 |
| Fuel Oil | 20.6 | 19.6 | 19.8 | 18.2 | 15.2 | 16.9 | 16.2 | 17.4 | 17.2 | 17.1 |
| LPG | 4.7 | 5.1 | 5.0 | 5.0 | 4.8 | 5.1 | 4.9 | 5.0 | 5.1 | 5.1 |
| Local (Renewables) | 22.0 | 20.3 | 18.5 | 17.8 | 18.8 | 17.5 | 16.9 | 16.2 | 15.6 | 15.1 |
| Hydro | 0.8 | 0.8 | 0.5 | 0.5 | 0.7 | 0.8 | 0.6 | 0.3 | 0.4 | 0.6 |
| 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 |
| Photovoltaic | - | - | - | - | - | - | - | - | 0.0 | 0.0 |
| Bagasse | 20.5 | 19.0 | 17.4 | 16.7 | 17.5 | 16.2 | 15.7 | 15.3 | 14.5 | 13.9 |
| Fuelwood | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.6 | 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 revised² Estimates

Fig 2.1 - Percentage share of energy sources within the Primary Energy Requirement - 2004, 2008 and 2013

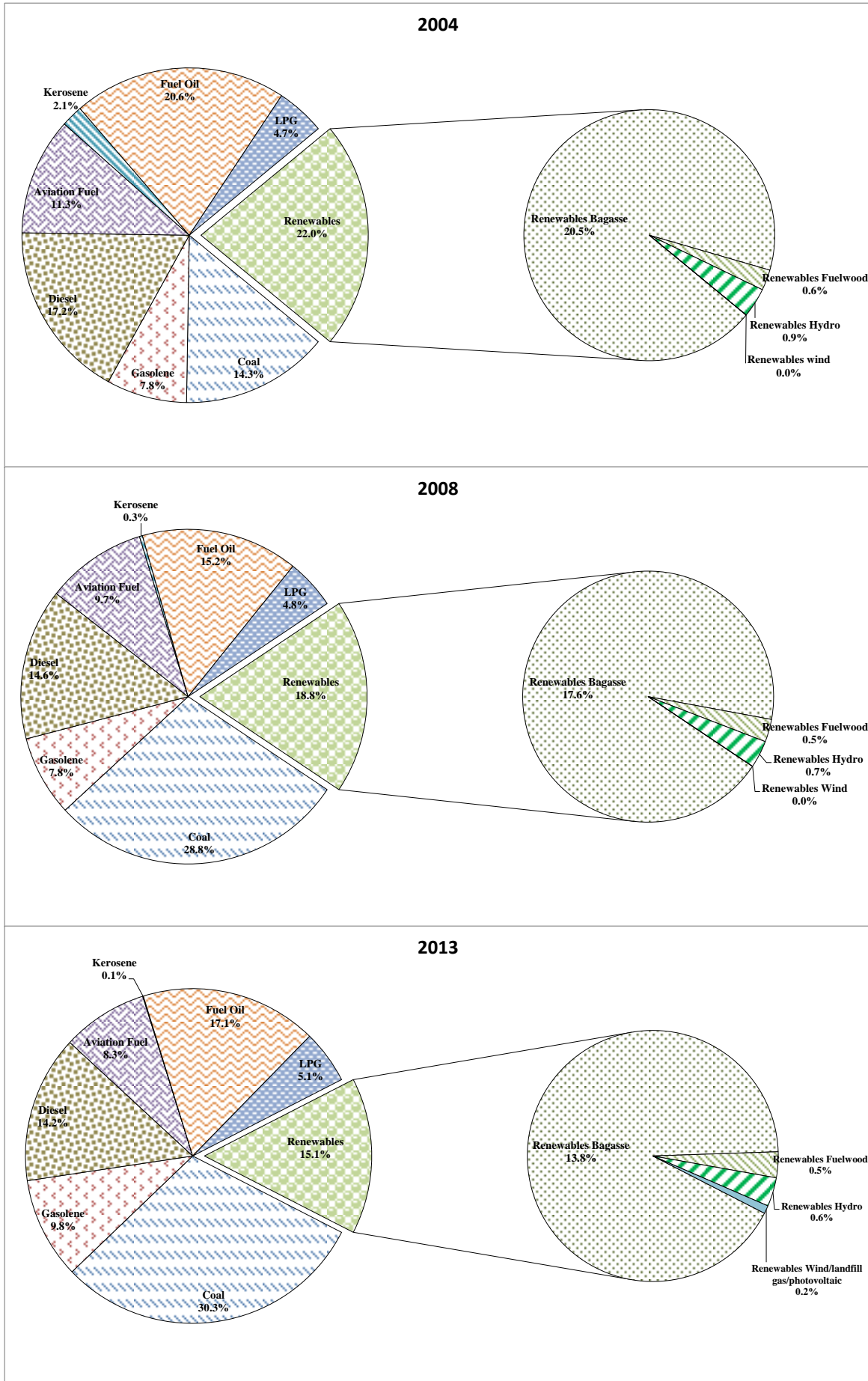


Fig 2.2 - Primary energy requirement (ktoe) by main energy sources, 2004 - 2013

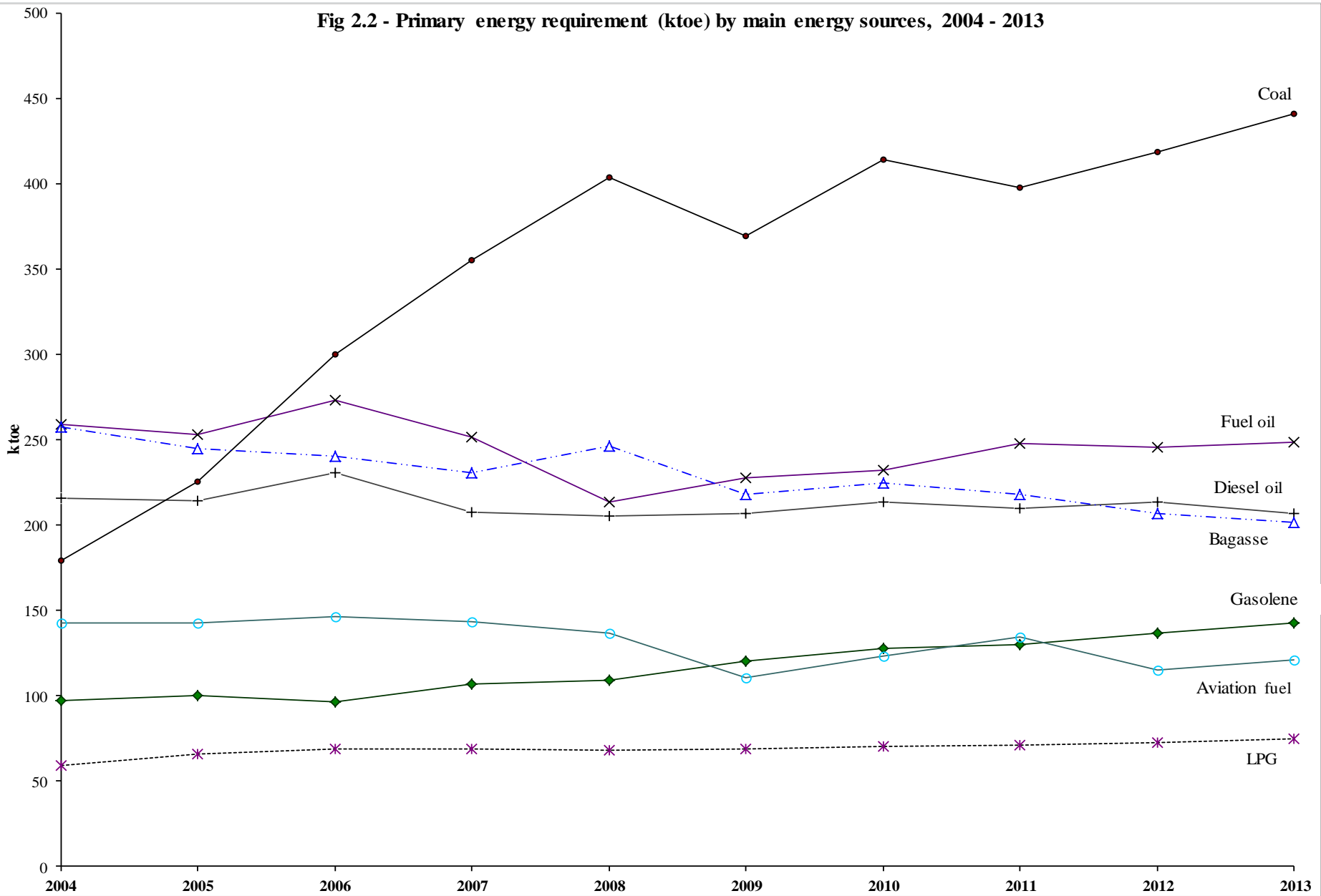


Table 2.2 - Imports of energy sources (Physical unit), 2004 - 2013

| | Thousand tonne | | | | | | | | | |
|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Energy source | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| Fossil fuels | | | | | | | | | | |
| Coal | 331.8 | 379.3 | 490.3 | 647.8 | 606.5 | 559.9 | 660.6 | 660.2 | 729.3 | 708.3 |
| Gasolene | 87.7 | 86.8 | 88.9 | 96.4 | 108.5 | 104.4 | 120.9 | 116.7 | 128.2 | 138.2 |
| Diesel oil | 319.7 | 329.9 | 327.5 | 307.5 | 328.5 | 288.0 | 310.4 | 309.9 | 313.8 | 336.1 |
| Dual Purpose Kerosene | 256.8 | 248.0 | 242.0 | 266.4 | 268.1 | 208.8 | 241.6 | 230.7 | 220.1 | 243.9 |
| <i>Aviation Fuel</i> | 227.0 | 220.1 | 236.0 | 262.6 | 262.2 | 204.7 | 234.9 | 226.4 | 213.0 | 241.1 |
| <i>Kerosene</i> | 29.8 | 27.9 | 6.0 | 3.7 | 5.9 | 4.1 | 6.7 | 4.3 | 7.0 | 2.8 |
| Fuel oil | 288.8 | 337.5 | 304.4 | 333.9 | 291.0 | 343.7 | 341.5 | 434.8 | 401.2 | 429.1 |
| LPG | 53.8 | 62.7 | 58.8 | 62.8 | 63.1 | 62.6 | 62.7 | 66.3 | 67.9 | 68.2 |

Table 2.3 - Imports of energy sources (Energy unit), 2004 - 2013

| | ktoe | | | | | | | | | |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Energy source | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| Fossil fuels | | | | | | | | | | |
| Coal | 205.7 | 235.1 | 304.0 | 401.6 | 376.0 | 347.1 | 409.6 | 409.3 | 452.2 | 439.2 |
| Petroleum products | 1,020.1 | 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 |
| Gasolene | 94.7 | 93.7 | 96.0 | 104.1 | 117.2 | 112.8 | 130.6 | 126.0 | 138.4 | 149.3 |
| Diesel oil | 322.9 | 333.2 | 330.8 | 310.6 | 331.7 | 290.9 | 313.5 | 313.0 | 316.9 | 339.5 |
| Dual Purpose Kerosene | 267.1 | 257.9 | 251.7 | 277.0 | 278.8 | 217.2 | 251.3 | 239.9 | 228.8 | 253.7 |
| <i>Aviation Fuel</i> | 236.1 | 228.9 | 245.4 | 273.1 | 272.7 | 212.9 | 244.2 | 235.4 | 221.5 | 250.7 |
| <i>Kerosene</i> | 31.0 | 29.0 | 6.3 | 3.9 | 6.1 | 4.3 | 7.0 | 4.5 | 7.3 | 3.0 |
| Fuel oil | 277.3 | 324.0 | 292.2 | 320.6 | 279.4 | 330.0 | 327.8 | 417.4 | 385.2 | 411.9 |
| LPG | 58.1 | 67.7 | 63.5 | 67.8 | 68.2 | 67.6 | 67.7 | 71.6 | 73.3 | 73.7 |
| Total imports | 1,225.8 | 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 |

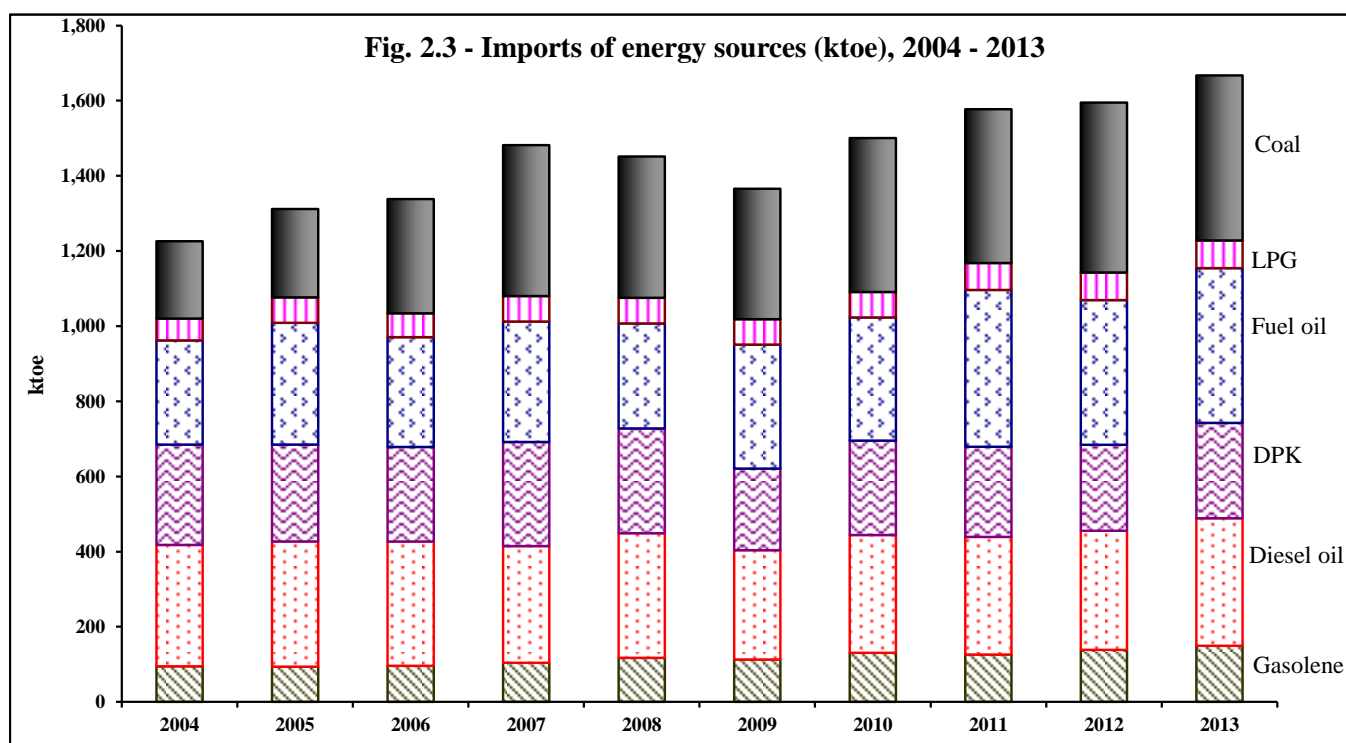


Table 2.5 - Imports value of energy sources by country of origin, 2004 - 2013

| | Value (c.i.f.): Rs(000) | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Country | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| Coal | 519,674 | 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 |
| China | - | - | - | - | - | - | - | - | 43 | - |
| India | - | - | - | - | - | - | - | - | - | 39 |
| Mozambique | 289,483 | 346,844 | 141,251 | - | - | - | - | 509,746 | 326,700 | 9,306 |
| South Africa | 230,191 | 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 |
| Gasolene | 1,030,619 | 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 |
| Bahrain | 686,478 | 526,795 | 301,504 | - | - | - | - | - | - | - |
| India | - | 82,960.30 | 1,023,652 | 2,180,054 | 2,690,298 | 2,022,369 | 3,084,361 | 3,431,101 | 4,113,372 | 4,424,210 |
| Reunion Island | - | 25,039.85 | - | - | - | - | - | - | - | - |
| Saudi Arabia | 89,363 | 104,960 | 82,715 | - | - | - | - | - | - | - |
| Singapore | - | 94,674 | - | - | - | - | - | - | - | - |
| South Africa | 48,099 | - | - | - | - | - | - | - | - | - |
| Tanzania | 26,860 | - | - | - | - | - | - | - | - | - |
| United Arab Emirates | 179,819 | 618,343 | 469,447 | - | - | - | - | - | - | - |
| Diesel | 3,101,533 | 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 |
| Bahrain | 1,388,045 | 2,029,459 | 225,438 | - | - | - | - | - | - | - |
| India | 430,416 | 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 |
| Kuwait | 188,187 | - | - | - | - | - | - | - | - | - |
| Saudi Arabia | 798,739 | 1,928,116 | 2,103,149 | - | - | - | - | - | - | - |
| Singapore | - | 265,007 | - | - | - | - | - | - | - | - |
| South Africa | - | 68,275 | - | - | - | - | - | - | - | - |
| United Arab Emirates | 296,146 | - | 300,066 | - | - | - | - | - | - | - |
| Kerosene (excl. jet fuel) | 321,443 | 456,826 | 123,881 | 82,769 | 174,630 | 77,095 | 154,537 | 108,353 | 215,562 | 88,155 |
| Bahrain | 95,272 | 339,893 | 61,107 | - | - | - | - | - | - | - |
| India | 85,338 | 14,218 | 36,158 | 65,507 | 174,630 | 77,095 | 154,537 | 108,353 | 215,562 | 88,155 |
| Quatar | - | - | 3,026 | - | - | - | - | - | - | - |
| Saudi Arabia | 118,225 | 78,877 | 23,591 | - | - | - | - | - | - | - |
| Seychelles | - | - | - | 17,263 | - | - | - | - | - | - |
| Singapore | - | 3,695 | - | - | - | - | - | - | - | - |
| Tanzania | 1,186 | 20,142 | - | - | - | - | - | - | - | - |
| United Arab Emirates | 21,422 | - | - | - | - | - | - | - | - | - |
| Jet fuel type kerosene | 2,451,264 | 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 |
| Bahrain | 1,734,016 | 2,017,560 | 745,384 | - | - | - | - | - | - | - |
| India | 195,789 | 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 |
| Quatar | - | - | 246,974 | - | - | - | - | - | - | - |
| Saudi Arabia | 164,799 | 1,075,386 | 1,580,134 | - | - | - | - | - | - | - |
| Seychelles | - | - | - | 115,865 | - | - | - | - | - | - |
| Singapore | - | 228,443 | - | - | - | - | - | - | - | - |
| South Africa | - | - | - | - | - | - | - | - | - | - |
| Tanzania | 37,414 | 44,658 | - | - | - | - | - | - | - | - |
| United Arab Emirates | 319,246 | - | - | - | - | - | - | - | - | - |
| Fuel Oil | 1,621,612 | 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 |
| 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 |
| Iran | 169,758 | - | - | - | - | - | - | - | - | - |
| Madagascar | 533,680 | - | - | - | - | - | - | - | - | - |
| South Africa | 319,129 | 422,635 | 327,479 | - | - | - | - | - | - | - |
| United Arab Emirates | 599,045 | 2,387,883 | 1,996,272 | - | - | - | - | - | - | - |
| LPG | 639,389 | 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 |
| Angola | - | - | - | - | - | - | 60,806 | - | - | - |
| Australia | - | - | 132,400 | - | 94,103 | 90,435 | 188,800 | 74,308 | - | - |
| Bahrain | 116,753 | 138,513 | - | - | - | - | - | - | - | - |
| Belgium | - | - | - | - | - | - | - | 404,325 | - | - |
| Guinea | - | - | - | - | 605,544 | - | 393,192 | - | - | - |
| India | - | - | - | - | 165,363 | 63,092 | - | - | - | 135,982 |
| Indonesia | 20,416 | 55,155 | - | - | - | - | - | - | - | - |
| Iran | - | - | - | - | - | 710,991 | 386,745 | 138,978 | - | - |
| Madagascar | - | - | - | - | 172,432 | 103,463 | - | - | - | - |
| Malaysia | 202,200 | 728,873 | 625,405 | - | - | - | - | - | - | - |
| Oman | - | - | 274,834 | - | - | - | - | - | - | - |
| Saudi Arabia | - | - | - | 1,214,822 | 523,424 | - | 61,680 | - | - | - |
| Singapore | 42,408 | - | - | - | - | - | - | - | - | - |
| South Africa | 78,942 | - | 183,519 | 940 | 181,107 | - | - | 329 | - | - |
| Taiwan | - | - | - | - | 76,818 | - | - | - | - | - |
| United Arab Emirates | 151,845 | 95,634 | 30,252 | 265,822 | - | 278,968 | 543,290 | 1,276,527 | 2,152,059 | 1,951,953 |
| Vietnam | - | - | - | - | - | 75,226 | - | - | - | - |
| Yemen | 26,825 | 29,213 | - | - | - | - | - | - | - | - |
| All energy sources | 9,685,533 | 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 |
| Percentage of total imports value | 12.7% | 16.1% | 16.3% | 17.9% | 20.9% | 15.2% | 18.3% | 20.9% | 20.8% | 21.1% |

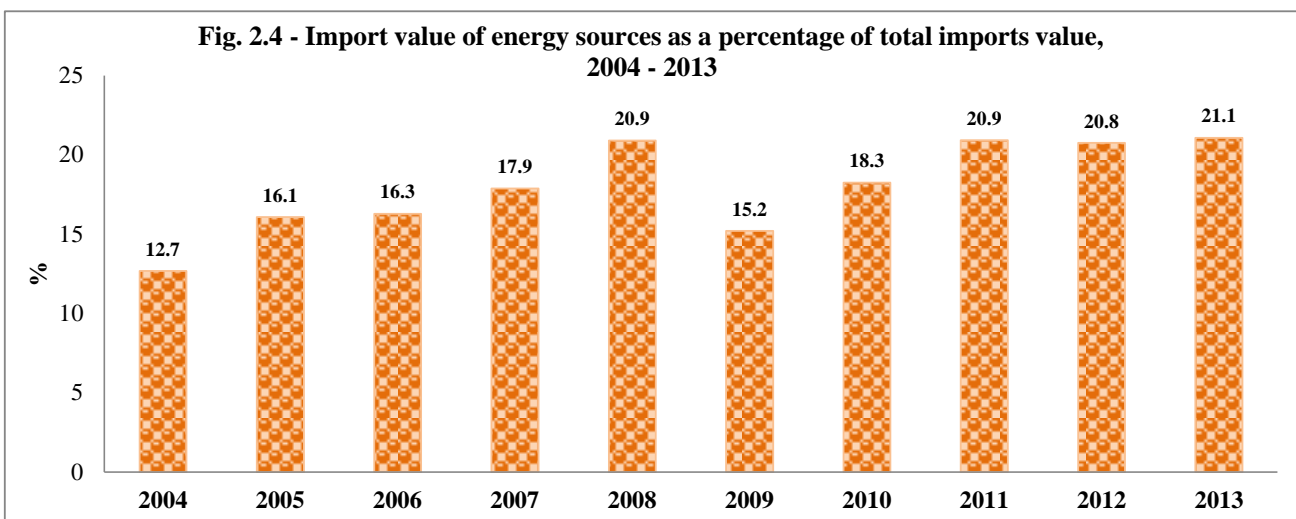
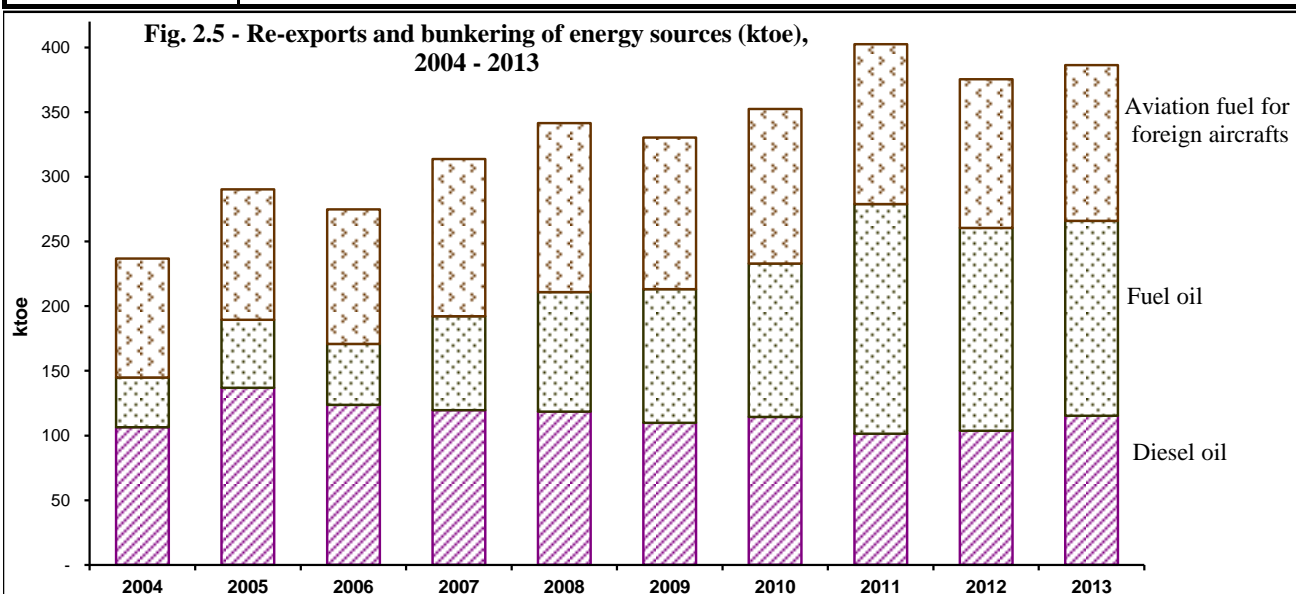


Table 2.6 - Re-exports and bunkering of energy sources, 2004 - 2013

| Energy re-exported | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|------------------------------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | <i>Thousand tonne</i> | | | | | | | | | |
| Aviation fuel for foreign aircraft | 88.4 | 96.9 | 100.0 | 116.8 | 125.5 | 112.7 | 115.0 | 118.7 | 110.3 | 115.9 |
| Diesel oil | 105.2 | 135.4 | 122.3 | 118.4 | 117.3 | 108.6 | 113.2 | 100.2 | 102.7 | 114.1 |
| Fuel oil | 40.1 | 54.7 | 49.1 | 75.7 | 96.2 | 107.7 | 123.4 | 185.0 | 163.3 | 156.1 |
| | <i>Energy unit (ktoe)</i> | | | | | | | | | |
| Aviation fuel for foreign aircraft | 91.9 | 100.7 | 104.0 | 121.4 | 130.5 | 117.2 | 119.6 | 123.5 | 114.7 | 120.5 |
| Diesel oil | 106.2 | 136.8 | 123.5 | 119.5 | 118.5 | 109.7 | 114.3 | 101.2 | 103.7 | 115.2 |
| Fuel oil | 38.5 | 52.6 | 47.1 | 72.6 | 92.3 | 103.4 | 118.5 | 177.6 | 156.8 | 149.8 |
| Total | 236.7 | 290.1 | 274.7 | 313.6 | 341.3 | 330.3 | 352.4 | 402.3 | 375.2 | 385.6 |
| | <i>Percentage share (%)</i> | | | | | | | | | |
| Aviation fuel for foreign aircraft | 38.8 | 34.7 | 37.9 | 38.7 | 38.2 | 35.5 | 33.9 | 30.7 | 30.6 | 31.3 |
| Diesel oil | 44.9 | 47.2 | 45.0 | 38.1 | 34.7 | 33.2 | 32.5 | 25.2 | 27.6 | 29.9 |
| Fuel oil | 16.3 | 18.1 | 17.2 | 23.2 | 27.1 | 31.3 | 33.6 | 44.2 | 41.8 | 38.9 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |



**Fig 2.6 - Average import price of energy sources, 2004 - 2013
(c.i.f) Rs/Tonne**

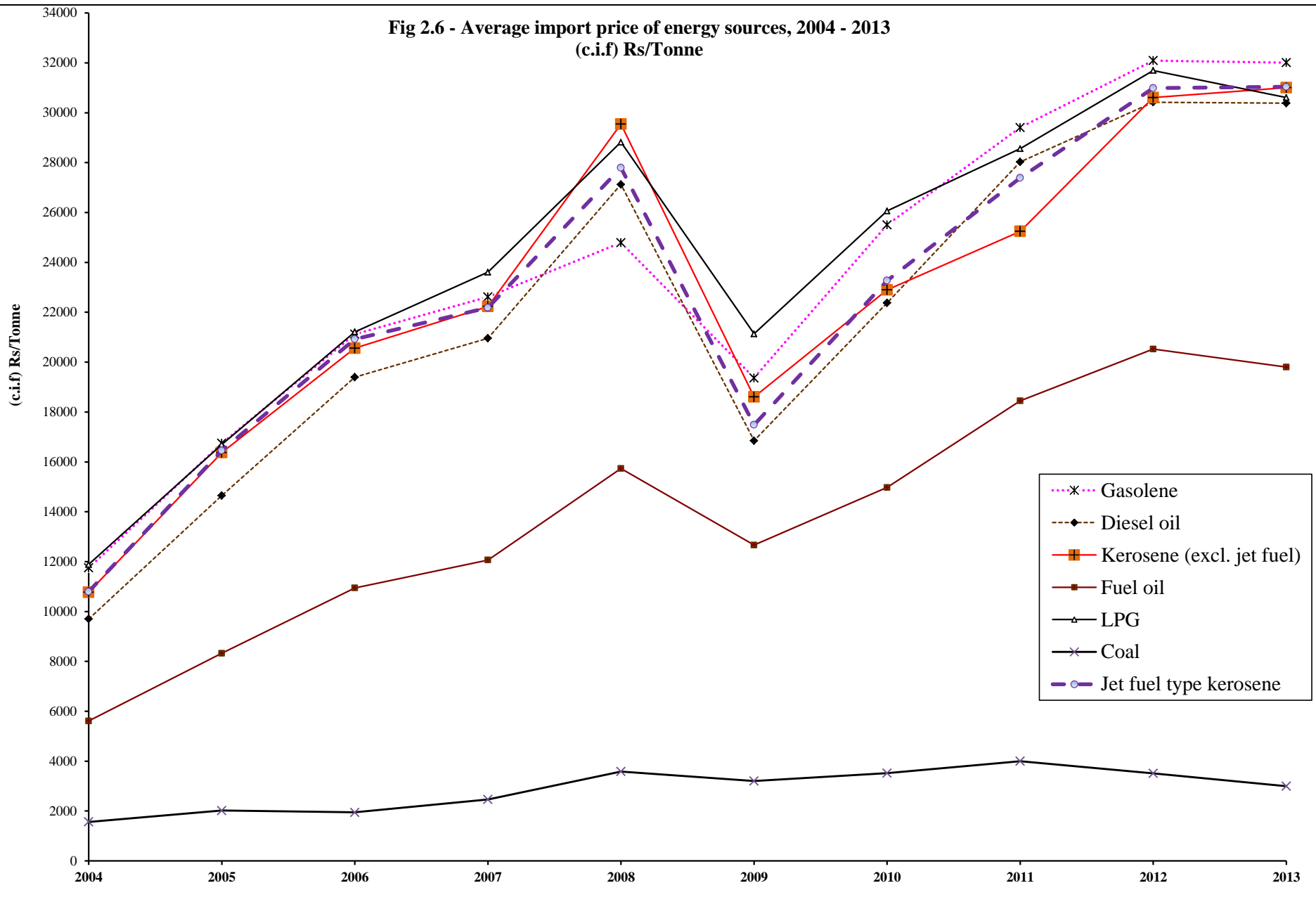
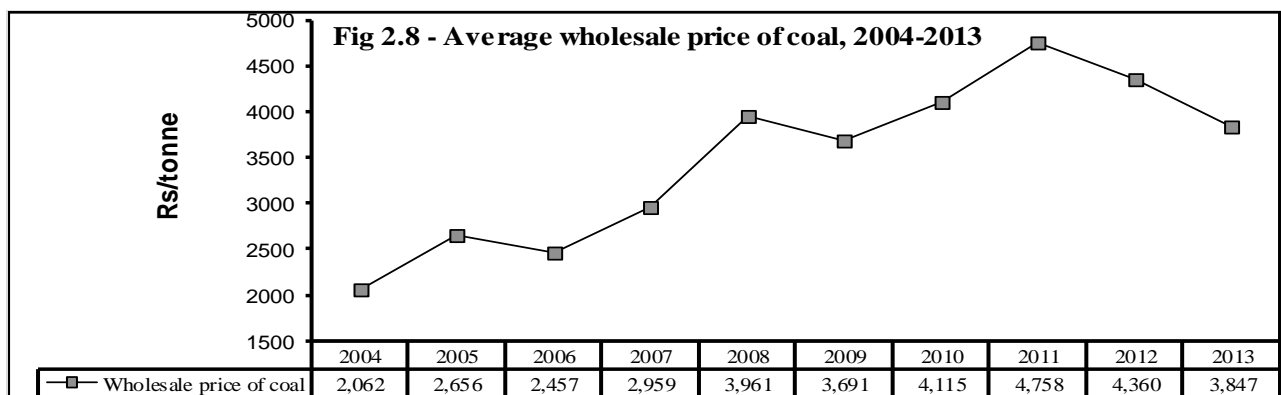
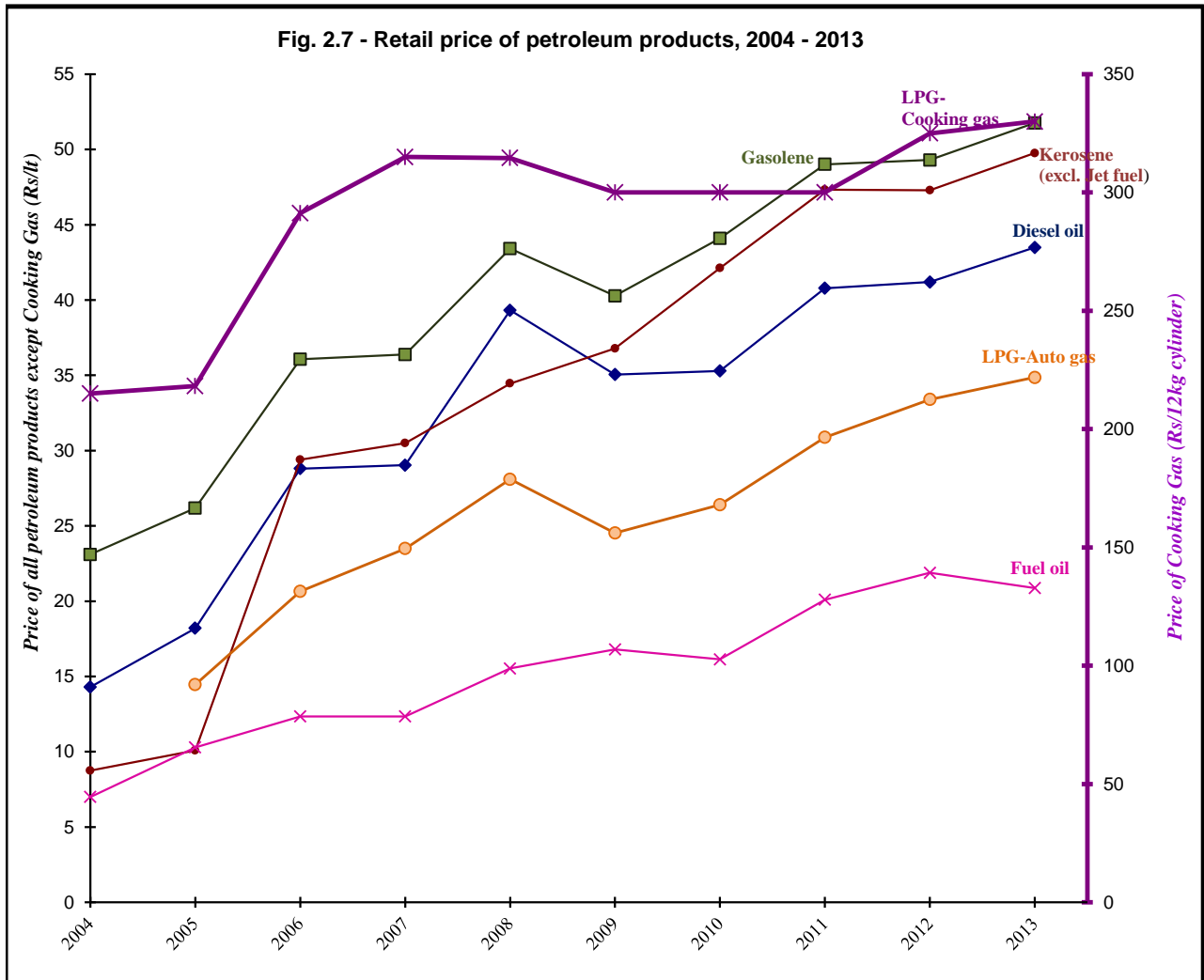


Table 2.8 - Average retail price (Rupees) of petroleum products used as energy sources, 2004 - 2013

| Energy sources | Unit | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|---------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | Rupees | | | | | | | | | |
| Gasolene | 1 Lt | 23.10 | 26.19 | 36.06 | 36.38 | 43.41 | 40.28 | 44.09 | 49.01 | 49.30 | 51.76 |
| Diesel oil | 1 Lt | 14.30 | 18.20 | 28.80 | 29.03 | 39.32 | 35.05 | 35.29 | 40.79 | 41.20 | 43.49 |
| Kerosene (excl. jet fuel) | 1 Lt | 8.75 | 10.08 | 29.39 | 30.50 | 34.46 | 36.78 | 42.12 | 47.33 | 47.30 | 49.76 |
| Fuel Oil ^{1/} | 1 Lt | 7.00 | 10.28 | 12.35 | 12.35 | 15.53 | 16.80 | 16.14 | 20.10 | 21.88 | 20.88 |
| LPG - Cooking Gas | 12 Kg | 215.00 | 218.20 | 291.25 | 315.00 | 314.60 | 300.00 | 300.00 | 300.00 | 325.00 | 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 |

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



Data source: Cays Associates Ltd and Independent Power Producers



Section III
Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation, sales and total consumption of electricity, 2004 - 2013

| 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. | Isl. of Mtius | Rod. | | | | Landfill gas | Other | | | | |
| 2004 | 644.5 | 10.0 | 549.9 | 9.0 | 332.6 | 5.6 | 122.27 | 0.43 | - | - | 2,042.51 | 2,165.22 | 1,950.40 | 1,703.95 | 1,918.77 |
| 2005 | 678.9 | 10.0 | 577.9 | 9.4 | 353.1 | 6.0 | 114.88 | 0.44 | - | - | 2,156.83 | 2,272.15 | 2,044.90 | 1,777.46 | 2,004.71 |
| 2006 | 700.7 | 10.0 | 609.4 | 9.4 | 367.3 | 5.7 | 76.64 | 0.41 | - | - | 2,273.18 | 2,350.23 | 2,121.88 | 1,879.80 | 2,108.15 |
| 2007 | 743.3 | 10.0 | 660.3 | 9.0 | 367.6 | 5.9 | 83.86 | 0.40 | - | - | 2,380.39 | 2,464.65 | 2,229.79 | 1,975.28 | 2,210.14 |
| 2008 | 715.5 | 10.0 | 617.7 | 9.0 | 378.1 | 6.0 | 108.03 | 0.37 | - | - | 2,448.84 | 2,557.24 | 2,307.24 | 2,053.66 | 2,303.66 |
| 2009 | 729.0 | 10.5 | 647.3 | 9.6 | 388.6 | 5.6 | 122.41 | 1.50 | - | - | 2,453.53 | 2,577.44 | 2,305.78 | 2,069.23 | 2,340.89 |
| 2010 | 729.1 | 13.6 | 655.2 | 12.7 | 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 |

¹ Includes plant capacity for electricity not exported to CEB

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

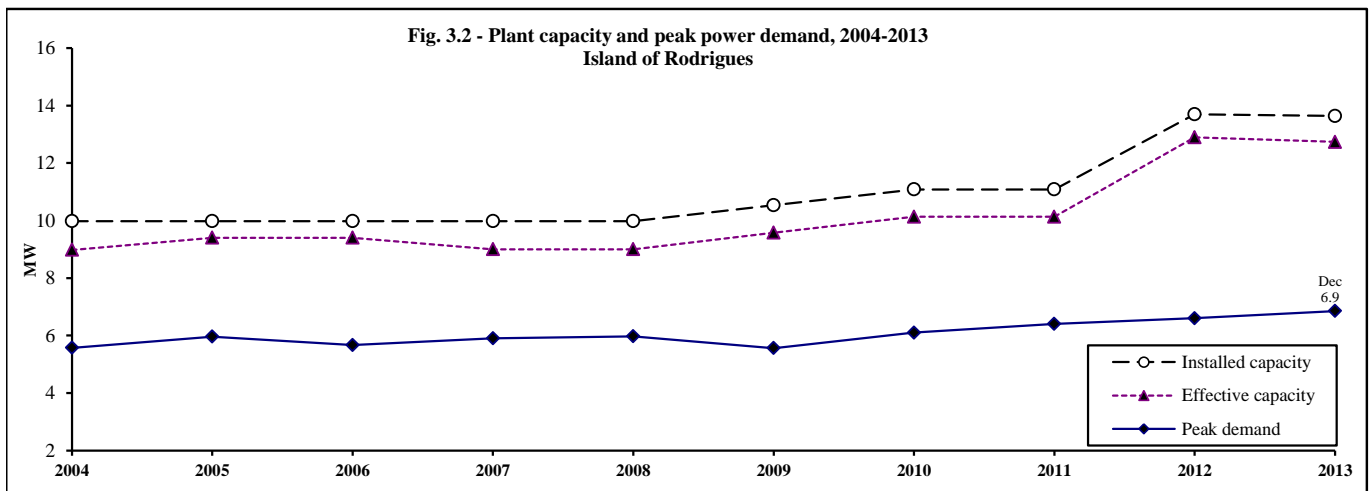
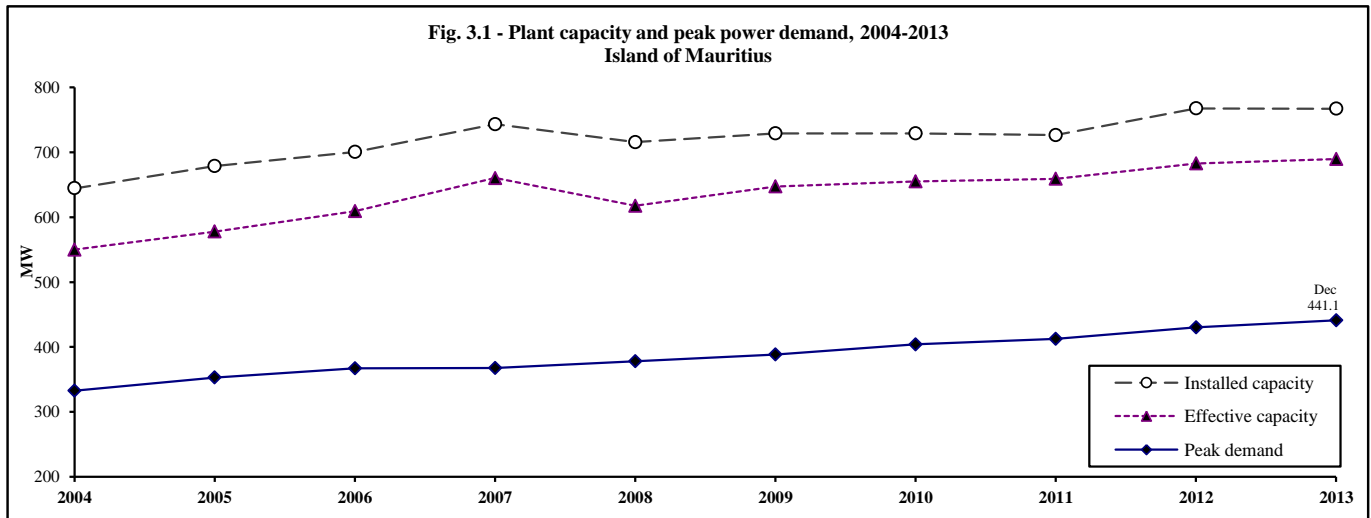


Table 3.2 - Plant capacity , 2013

| Central Electricity Board (CEB) | | | Independent Power Producers (IPP) | | |
|---|---------------------|---------------|---|---------------------|---------------|
| | Plant capacity (MW) | | | Plant capacity (MW) | |
| | Installed | Effective | | Installed | Effective |
| Hydro: | 60.74 | 56.30 | Photovoltaic | 2.46 | 2.46 |
| Champagne | 30.00 | 28.00 | Island of Mauritius | 2.40 | 2.40 |
| Ferney | 10.00 | 10.00 | Island of Rodrigues | 0.06 | 0.06 |
| Tamarind Falls | 11.70 | 9.50 | Wind | 0.01 | 0.01 |
| Le Val | 4.00 | 4.00 | | | |
| Reduit | 1.20 | 1.00 | Thermal: | 274.60 | 240.00 |
| Cascade Cecile | 1.00 | 1.00 | <u>Firm producers¹</u> | 258.80 | 224.50 |
| 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> | 12.50 | 12.50 |
| Thermal: | 439.20 | 400.00 | Medine | 12.50 | 12.50 |
| <u>Island of Mauritius</u> | 426.90 | 388.60 | <u>Landfill gas (Sotravic Ltd)</u> | 3.30 | 3.00 |
| St Louis | 100.90 | 72.60 | | | |
| Fort Victoria | 109.60 | 107.00 | | | |
| Nicolay | 78.40 | 75.00 | | | |
| Fort George | 138.00 | 134.00 | | | |
| <u>Island of Rodrigues</u> | 12.30 | 11.40 | | | |
| Total | 501.22 | 457.58 | Total | 277.06 | 242.46 |
| Total plant capacity | | | Installed | Effective | |
| 1. Island of Mauritius | | | 764.64 | 687.30 | |
| CEB | | | 487.64 | 444.90 | |
| IPP | | | 277.00 | 242.40 | |
| <i>of which involved in export to CEB</i> | | | 274.56 | 226.46 | |
| 2. Island of Rodrigues | | | 13.64 | 12.74 | |
| CEB | | | 13.58 | 12.68 | |
| IPP | | | 0.06 | 0.06 | |
| Total | | | 778.28 | 700.04 | |

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, 2004 - 2013

| Source of energy | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | GWh | | | | | | | | | |
| Primary energy | 122.7 | 115.3 | 77.1 | 84.3 | 108.4 | 123.9 | 103.2 | 62.5 | 96.3 | 121.2 |
| Hydro | 122.3 | 114.9 | 76.6 | 83.9 | 108.0 | 122.4 | 100.7 | 56.5 | 74.1 | 94.8 |
| Landfill gas | - | - | - | - | - | - | - | 3.1 | 17.8 | 20.0 |
| Photovoltaic / Wind | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.5 | 2.5 | 2.8 | 4.5 | 6.3 |
| <i>Island of Mauritius</i> | - | - | - | - | - | - | - | - | 0.9 | 2.7 |
| <i>Island of Rodrigues</i> | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.5 | 2.5 | 2.8 | 3.6 | 3.6 |
| Secondary energy | 2,042.5 | 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 |
| Gas turbine (kerosene) | 44.3 | 56.2 | 5.7 | 3.2 | 6.6 | 15.3 | 18.9 | 11.6 | 11.0 | 1.7 |
| Diesel & Fuel oil | 1,058.3 | 1,038.0 | 1,023.4 | 915.7 | 827.1 | 938.0 | 976.6 | 1,058.7 | 1,057.0 | 1,076.1 |
| <i>Island of Mauritius</i> | 1,031.5 | 1,008.4 | 993.0 | 885.2 | 796.4 | 907.8 | 947.0 | 1,028.4 | 1,027.0 | 1,044.1 |
| <i>Island of Rodrigues</i> | 26.8 | 29.6 | 30.3 | 30.5 | 30.8 | 30.2 | 29.6 | 30.3 | 30.0 | 32.0 |
| Coal ¹ | 470.3 | 609.7 | 798.3 | 993.6 | 1,128.7 | 1,015.3 | 1,115.9 | 1,119.4 | 1,162.3 | 1,213.6 |
| Bagasse ¹ | 469.6 | 452.9 | 445.7 | 467.9 | 486.4 | 485.0 | 474.1 | 486.5 | 470.5 | 472.8 |
| Total | 2,165.2 | 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 |
| <i>Island of Mauritius</i> | 2,138.0 | 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 |
| <i>Island of Rodrigues</i> | 27.2 | 30.0 | 30.8 | 30.9 | 31.1 | 31.7 | 32.1 | 33.1 | 33.6 | 35.6 |
| | Percentage share (%) | | | | | | | | | |
| Primary energy | 5.7 | 5.1 | 3.3 | 3.4 | 4.2 | 4.8 | 3.8 | 2.3 | 3.4 | 4.2 |
| Hydro | 5.6 | 5.1 | 3.3 | 3.4 | 4.2 | 4.7 | 3.7 | 2.1 | 2.6 | 3.3 |
| Landfill gas | - | - | - | - | - | - | - | 0.1 | 0.6 | 0.7 |
| Photovoltaic / Wind | - | - | - | - | - | - | - | 0.1 | 0.2 | 0.2 |
| <i>Island of Mauritius</i> | - | - | - | - | - | - | - | - | 0.0 | 0.1 |
| <i>Island of Rodrigues</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Secondary energy | 94.3 | 94.9 | 96.7 | 96.6 | 95.8 | 95.2 | 96.2 | 97.7 | 96.6 | 95.8 |
| Gas turbine (kerosene) | 2.0 | 2.5 | 0.2 | 0.1 | 0.3 | 0.6 | 0.7 | 0.4 | 0.4 | 0.1 |
| Diesel & Fuel oil | 48.9 | 45.7 | 43.5 | 37.2 | 32.3 | 36.4 | 36.3 | 38.7 | 37.8 | 37.3 |
| <i>Island of Mauritius</i> | 47.6 | 44.4 | 42.3 | 35.9 | 31.1 | 35.2 | 35.2 | 37.6 | 36.7 | 36.2 |
| <i>Island of Rodrigues</i> | 1.2 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 |
| Coal | 21.7 | 26.8 | 34.0 | 40.3 | 44.1 | 39.4 | 41.5 | 40.9 | 41.6 | 42.1 |
| Bagasse | 21.7 | 19.9 | 19.0 | 19.0 | 19.0 | 18.8 | 17.6 | 17.8 | 16.8 | 16.4 |
| 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 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| <i>Island of Rodrigues</i> | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |

¹ Estimates

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

Table 3.4 - Electricity Exported to CEB by energy source, 2004 - 2013

| Source of energy | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|----------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | GWh | | | | | | | | | |
| Coal | 407.2 | 533.8 | 719.5 | 879.9 | 998.7 | 875.0 | 966.6 | 981.0 | 1,021.4 | 1,067.2 |
| Bagasse | 317.9 | 301.6 | 296.2 | 346.8 | 366.4 | 353.6 | 342.8 | 352.6 | 344.0 | 346.5 |
| Landfill gas | - | - | - | - | - | - | - | 3.1 | 17.8 | 20.0 |
| Photovoltaic / Wind | - | - | - | - | - | - | - | - | 0.3 | 1.3 |
| <i>Island of Mauritius</i> | - | - | - | - | - | - | - | - | 0.3 | 1.24 |
| <i>Island of Rodrigues</i> ¹ | - | - | - | - | - | - | - | - | - | 0.01 |
| Total | 725.1 | 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 |
| <i>of which renewables</i> | 317.9 | 301.6 | 296.2 | 346.8 | 366.4 | 353.6 | 342.8 | 355.7 | 362.1 | 367.8 |
| | Percentage share (%) | | | | | | | | | |
| Coal | 56.2 | 63.9 | 70.8 | 71.7 | 73.2 | 71.2 | 73.8 | 73.4 | 73.8 | 74.4 |
| Bagasse | 43.8 | 36.1 | 29.2 | 28.3 | 26.8 | 28.8 | 26.2 | 26.4 | 24.9 | 24.1 |
| Landfill gas | - | - | - | - | - | - | - | 0.2 | 1.3 | 1.4 |
| Photovoltaic / Wind | - | - | - | - | - | - | - | - | 0.0 | 0.1 |
| <i>Island of Mauritius</i> | - | - | - | - | - | - | - | - | 0.0 | 0.1 |
| <i>Island of Rodrigues</i> ¹ | - | - | - | - | - | - | - | - | - | 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> | 43.8 | 36.1 | 29.2 | 28.3 | 26.8 | 28.8 | 26.2 | 26.6 | 26.2 | 25.6 |

¹ Only photovoltaic

Source: Central Electricity Board

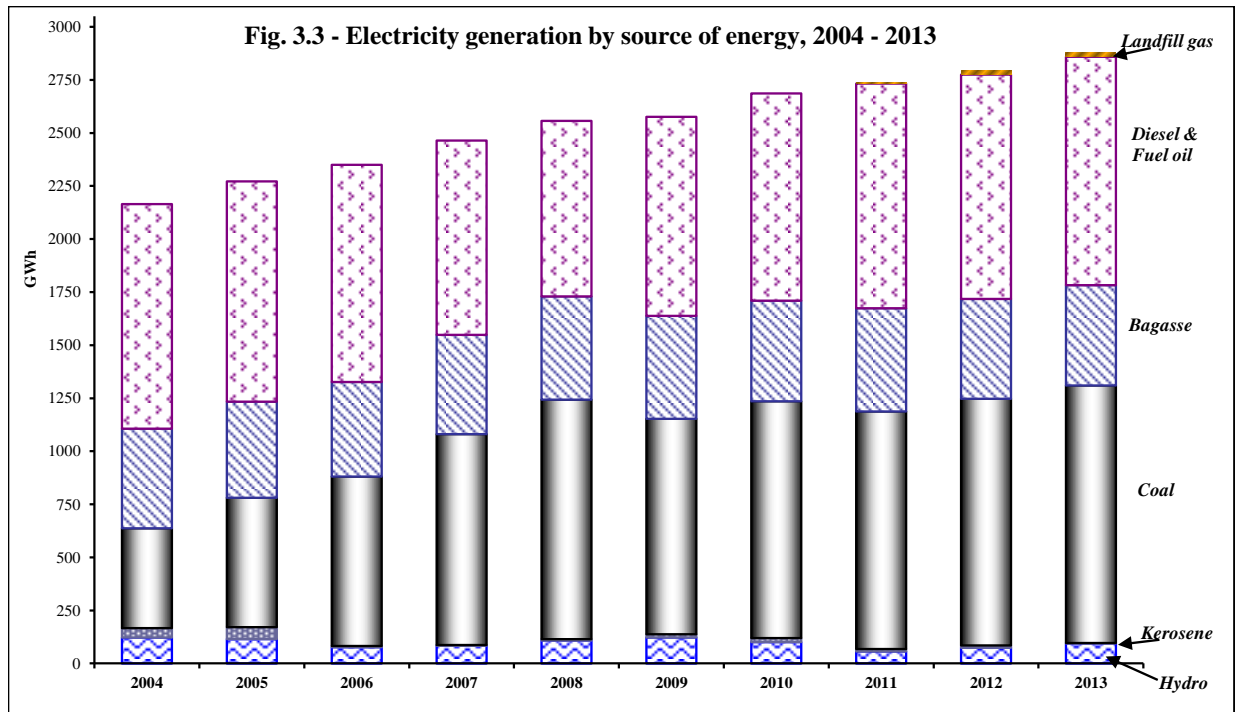


Table 3.5 - Generation of electricity by CEB and IPP, 2004 - 2013

| | GWh | | | | | | | | | | |
|----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Power station | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| CEB | 1,225.3 | 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 | |
| Hydro | 122.3 | 114.9 | 76.6 | 83.9 | 108.0 | 122.4 | 100.7 | 56.5 | 74.1 | 94.8 | |
| Wind | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.5 | 2.5 | 2.8 | 3.6 | 3.6 | |
| Island of Rodrigues | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.5 | 2.5 | 2.8 | 3.6 | 3.6 | |
| Thermal | 1,102.6 | 1,094.2 | 1,029.1 | 918.9 | 833.7 | 953.2 | 995.5 | 1,070.3 | 1,068.0 | 1,077.8 | |
| Island of Mauritius | 1,075.8 | 1,064.6 | 998.7 | 888.4 | 802.9 | 923.0 | 966.0 | 1,040.0 | 1,038.0 | 1,045.8 | |
| Island of Rodrigues | 26.8 | 29.6 | 30.3 | 30.5 | 30.8 | 30.2 | 29.6 | 30.3 | 30.0 | 32.0 | |
| IPP | 939.9 | 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 | |
| Of which: exported to CEB | 725.1 | 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 | |
| Hydro | 0.0 | - | - | - | - | - | - | - | - | - | |
| Photovoltaic / Wind | - | - | - | - | - | - | - | - | 0.9 | 2.7 | |
| Island of Mauritius | - | - | - | - | - | - | - | - | 0.9 | 2.7 | |
| Island of Rodrigues | - | - | - | - | - | - | - | - | - | 0.02 | |
| Thermal | 939.9 | 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 | |
| Coal | 470.3 | 609.7 | 798.3 | 993.6 | 1,128.7 | 1,015.3 | 1,115.9 | 1,119.4 | 1,162.3 | 1,213.6 | |
| Bagasse | 469.6 | 452.9 | 445.7 | 467.9 | 486.4 | 485.0 | 474.1 | 486.5 | 470.5 | 472.8 | |
| Landfill gas | - | - | - | - | - | - | - | 3.1 | 17.8 | 20.0 | |
| Total | 2,165.2 | 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 | |
| of which renewables | 592.3 | 568.2 | 522.8 | 552.2 | 594.8 | 608.9 | 577.3 | 548.9 | 566.8 | 594.0 | |
| Available for sales | | | | | | | | | | | |
| CEB | 1,225.3 | 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 | |
| Of which: Island of Rodrigues | 27.2 | 30.0 | 30.8 | 30.9 | 31.1 | 31.7 | 32.1 | 33.1 | 33.6 | 35.6 | |
| IPP export to CEB | 725.1 | 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 | |
| Of which: Island of Rodrigues | - | - | - | - | - | - | - | - | - | 0.02 | |
| Total available for sales | 1,950.4 | 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 | |
| of which renewables | 440.2 | 416.5 | 372.8 | 430.7 | 474.4 | 476.0 | 443.5 | 412.2 | 436.1 | 462.6 | |

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

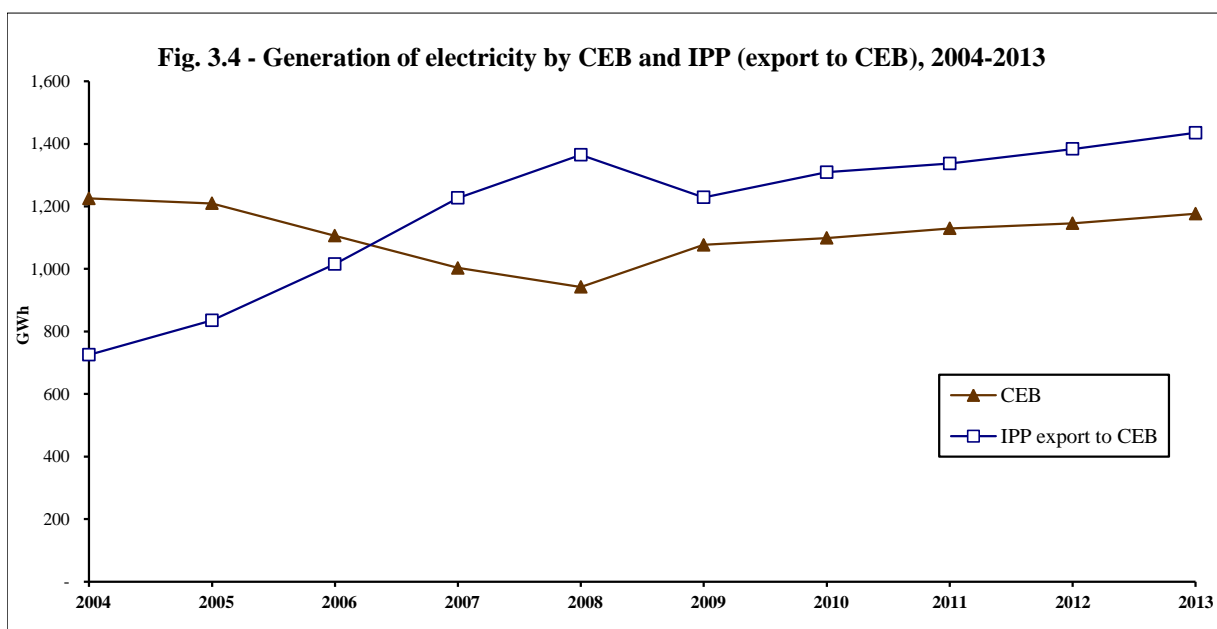
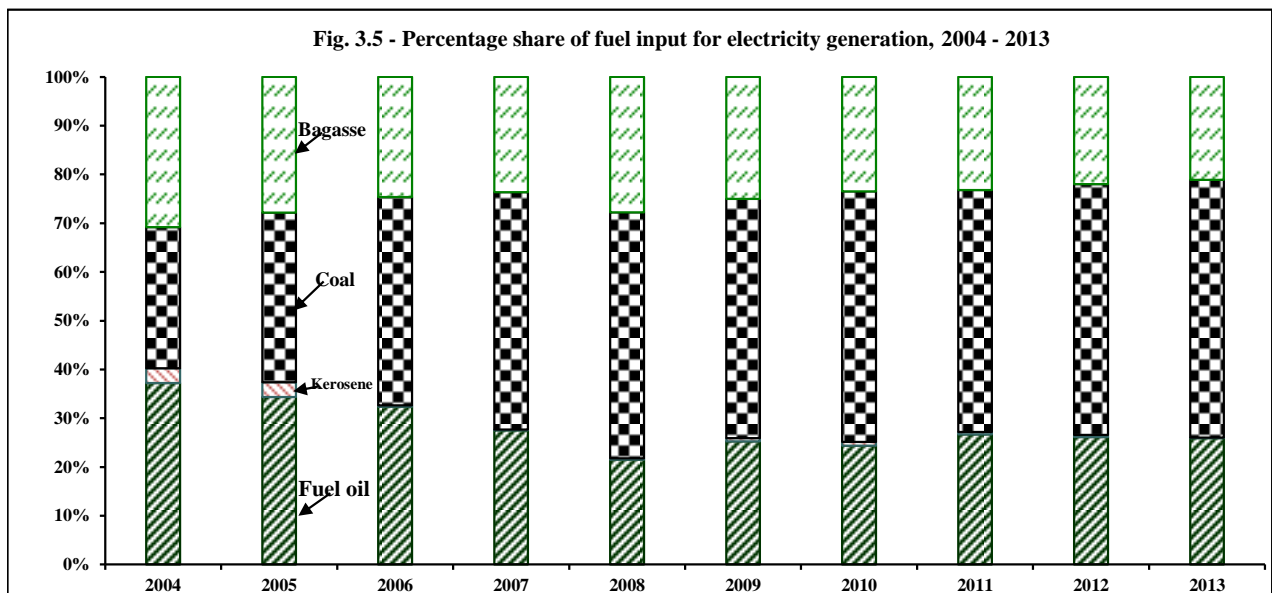


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 2004 - 2013

| | % | | | | | | | | | |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Power station | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| CEB | 56.6 | 53.2 | 47.1 | 40.7 | 36.8 | 41.8 | 40.9 | 41.2 | 41.0 | 40.8 |
| Hydro | 5.6 | 5.1 | 3.3 | 3.4 | 4.2 | 4.7 | 3.7 | 2.1 | 2.6 | 3.3 |
| Wind | 0.02 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| <i>Island of Rodrigues</i> | <i>0.02</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.1</i> | <i>0.1</i> | <i>0.1</i> | <i>0.1</i> | <i>0.1</i> |
| Thermal | 50.9 | 48.2 | 43.8 | 37.3 | 32.6 | 37.0 | 37.0 | 39.1 | 38.2 | 37.4 |
| <i>Island of Mauritius</i> | <i>49.7</i> | <i>46.9</i> | <i>42.5</i> | <i>36.0</i> | <i>31.4</i> | <i>35.8</i> | <i>35.9</i> | <i>38.0</i> | <i>37.1</i> | <i>36.2</i> |
| <i>Island of Rodrigues</i> | <i>1.2</i> | <i>1.3</i> | <i>1.3</i> | <i>1.2</i> | <i>1.2</i> | <i>1.2</i> | <i>1.1</i> | <i>1.1</i> | <i>1.1</i> | <i>1.1</i> |
| IPP | 43.4 | 46.8 | 52.9 | 59.3 | 63.2 | 58.2 | 59.1 | 58.8 | 59.0 | 59.2 |
| <i>Of which: exported to CEB</i> | <i>77.1</i> | <i>78.6</i> | <i>81.6</i> | <i>83.9</i> | <i>84.5</i> | <i>81.9</i> | <i>82.4</i> | <i>83.1</i> | <i>83.8</i> | <i>84.0</i> |
| Hydro | <i>0.0</i> | - | - | - | - | - | - | - | - | - |
| Photovoltaic / Wind | - | - | - | - | - | - | - | - | <i>0.0</i> | <i>0.1</i> |
| <i>Island of Mauritius</i> | - | - | - | - | - | - | - | - | 1.0 | 0.1 |
| <i>Island of Rodrigues</i> | - | - | - | - | - | - | - | - | - | 0.0 |
| Thermal | <i>43.4</i> | <i>46.8</i> | <i>52.9</i> | <i>59.3</i> | <i>63.2</i> | <i>58.2</i> | <i>59.1</i> | <i>58.8</i> | <i>59.0</i> | <i>59.1</i> |
| Coal | 21.7 | 26.8 | 34.0 | 40.3 | 44.1 | 39.4 | 41.5 | 40.9 | 41.6 | 42.1 |
| Bagasse | 21.7 | 19.9 | 19.0 | 19.0 | 19.0 | 18.8 | 17.6 | 17.8 | 16.8 | 16.4 |
| Landfill gas | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.1</i> | <i>0.6</i> | <i>0.7</i> |
| 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> | <i>27.4</i> | <i>25.0</i> | <i>22.2</i> | <i>22.4</i> | <i>23.3</i> | <i>23.6</i> | <i>21.5</i> | <i>20.0</i> | <i>20.3</i> | <i>20.6</i> |
| Available for sales | | | | | | | | | | |
| CEB | 62.8 | 59.1 | 52.1 | 45.0 | 40.8 | 46.7 | 45.6 | 45.8 | 45.3 | 45.0 |
| <i>Of which: Island of Rodrigues</i> | <i>1.4</i> | <i>1.5</i> | <i>1.4</i> | <i>1.4</i> | <i>1.3</i> | <i>1.4</i> | <i>1.3</i> | <i>1.3</i> | <i>1.3</i> | <i>1.4</i> |
| IPP export to CEB | 37.2 | 40.9 | 47.9 | 55.0 | 59.2 | 53.3 | 54.4 | 54.2 | 54.7 | 55.0 |
| <i>Of which: Island of Rodrigues</i> | - | - | - | - | - | - | - | - | - | <i>0.0</i> |
| Total available for sales | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <i>of which renewables</i> | <i>22.6</i> | <i>20.4</i> | <i>17.6</i> | <i>19.3</i> | <i>20.6</i> | <i>20.6</i> | <i>18.4</i> | <i>16.7</i> | <i>17.2</i> | <i>17.7</i> |

Table 3.7 - Fuel input for electricity generation, 2004 - 2013

| Fuel | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------------|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Tonne | | | | | | | | | |
| Fuel oil | 220,067 | 217,053 | 226,541 | 201,820 | 167,546 | 190,604 | 196,882 | 214,517 | 213,032 | 216,190 |
| <i>Island of Mauritius</i> | 215,290 | 210,144 | 219,969 | 195,081 | 160,359 | 183,678 | 190,108 | 207,576 | 206,146 | 208,865 |
| <i>Island of Rodrigues</i> | 4,777 | 6,909 | 6,572 | 6,740 | 7,188 | 6,926 | 6,774 | 6,941 | 6,886 | 7,325 |
| Diesel oil | 3,968 | 2,127 | 2,531 | 2,746 | 1,901 | 2,761 | 1,997 | 1,523 | 1,857 | 1,269 |
| <i>Island of Mauritius</i> | 2,335 | 1,909 | 2,232 | 2,638 | 1,721 | 2,558 | 1,875 | 1,354 | 1,728 | 1,190 |
| <i>Island of Rodrigues</i> | 1,633 | 217 | 299 | 108 | 180 | 203 | 122 | 169 | 129 | 79 |
| Kerosene | 16,555 | 17,731 | 1,848 | 1,067 | 2,095 | 4,924 | 6,008 | 3,659 | 3,437 | 645 |
| Coal | 265,128 | 340,675 | 462,784 | 552,632 | 609,745 | 574,141 | 643,049 | 617,297 | 649,157 | 683,207 |
| Bagasse ¹ | 1,092,823 | 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 |
| | ktoe | | | | | | | | | |
| Fuel oil | 211.26 | 208.37 | 217.48 | 193.75 | 160.84 | 182.98 | 189.00 | 205.93 | 204.51 | 207.54 |
| <i>Island of Mauritius</i> | 206.68 | 201.74 | 211.17 | 187.28 | 153.94 | 176.33 | 182.50 | 199.27 | 197.90 | 200.51 |
| <i>Island of Rodrigues</i> | 4.59 | 6.63 | 6.31 | 6.47 | 6.90 | 6.65 | 6.50 | 6.66 | 6.61 | 7.03 |
| Diesel oil | 4.01 | 2.15 | 2.56 | 2.77 | 1.92 | 2.79 | 2.01 | 1.54 | 1.88 | 1.28 |
| <i>Island of Mauritius</i> | 2.36 | 1.93 | 2.25 | 2.66 | 1.74 | 2.58 | 1.89 | 1.37 | 1.75 | 1.20 |
| <i>Island of Rodrigues</i> | 1.65 | 0.22 | 0.30 | 0.11 | 0.18 | 0.21 | 0.12 | 0.17 | 0.13 | 0.08 |
| Kerosene | 17.22 | 18.44 | 1.92 | 1.11 | 2.18 | 5.12 | 6.25 | 3.81 | 3.57 | 0.67 |
| Coal | 164.38 | 211.22 | 286.93 | 342.63 | 378.04 | 355.97 | 398.69 | 382.72 | 402.48 | 423.59 |
| Bagasse ¹ | 174.85 | 168.92 | 165.86 | 166.45 | 208.15 | 181.69 | 182.46 | 179.05 | 172.45 | 168.98 |
| Total | 571.72 | 609.10 | 674.74 | 706.71 | 751.14 | 728.55 | 778.42 | 773.05 | 784.88 | 802.07 |
| <i>Island of Mauritius</i> | <i>565.48</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>Island of Rodrigues</i> | <i>6.24</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> |
| | Percentage share (%) | | | | | | | | | |
| Fuel oil | 37.0 | 34.2 | 32.2 | 27.4 | 21.4 | 25.1 | 24.2 | 26.6 | 26.1 | 25.9 |
| <i>Island of Mauritius</i> | 36.2 | 33.1 | 31.3 | 26.5 | 20.5 | 24.2 | 23.4 | 25.8 | 25.2 | 25.0 |
| <i>Island of Rodrigues</i> | 0.8 | 1.1 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.9 | 0.8 | 0.9 |
| Diesel oil | 0.7 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 |
| <i>Island of Mauritius</i> | 0.4 | 0.3 | 0.3 | 0.4 | 0.2 | 0.4 | 0.2 | 0.2 | 0.2 | 0.1 |
| <i>Island of Rodrigues</i> | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kerosene | 3.0 | 3.0 | 0.3 | 0.2 | 0.3 | 0.7 | 0.8 | 0.5 | 0.5 | 0.1 |
| Coal | 28.8 | 34.7 | 42.5 | 48.5 | 50.3 | 48.9 | 51.2 | 49.5 | 51.3 | 52.8 |
| Bagasse ¹ | 30.6 | 27.7 | 24.6 | 23.6 | 27.7 | 24.9 | 23.4 | 23.2 | 22.0 | 21.1 |
| 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>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>Island of Rodrigues</i> | <i>1.1</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> |

¹ Estimates



Section IV
Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 2004 - 2013

| | ktoe | | | | | | | | | |
|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Sector | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| 1. Manufacturing | 255.42 | 244.61 | 266.61 | 259.36 | 243.49 | 220.45 | 231.16 | 222.41 | 215.48 | 212.27 |
| 2. Transport | 412.56 | 422.63 | 429.99 | 415.60 | 410.65 | 394.89 | 421.59 | 435.29 | 427.26 | 438.78 |
| 3. Commercial and Distributive Trade | 51.53 | 55.66 | 62.67 | 65.23 | 69.05 | 72.29 | 76.44 | 80.66 | 83.67 | 88.06 |
| 4. Household | 110.95 | 115.43 | 108.86 | 108.77 | 110.15 | 113.11 | 116.89 | 117.40 | 120.12 | 123.39 |
| 5. Agriculture | 4.44 | 4.70 | 4.78 | 4.90 | 4.48 | 4.07 | 4.40 | 4.30 | 4.50 | 4.53 |
| 6. Other (n.e.s) and losses | 3.22 | 3.05 | 3.39 | 3.64 | 3.81 | 3.76 | 3.53 | 2.97 | 3.37 | 3.55 |
| TOTAL | 838.12 | 846.08 | 876.30 | 857.50 | 841.63 | 808.57 | 854.01 | 863.02 | 854.41 | 870.57 |

Table 4.2 - Percentage share of final energy consumption by sector, 2004 - 2013

| | % | | | | | | | | | |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sector | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| 1. Manufacturing | 30.5 | 28.9 | 30.4 | 30.2 | 28.9 | 27.3 | 27.1 | 25.8 | 25.2 | 24.4 |
| 2. Transport | 49.2 | 50.0 | 49.1 | 48.5 | 48.8 | 48.8 | 49.4 | 50.4 | 50.0 | 50.4 |
| 3. Commercial and Distributive Trade | 6.1 | 6.6 | 7.2 | 7.6 | 8.2 | 8.9 | 9.0 | 9.3 | 9.8 | 10.1 |
| 4. Household | 13.2 | 13.6 | 12.4 | 12.7 | 13.1 | 14.0 | 13.7 | 13.6 | 14.1 | 14.2 |
| 5. Agriculture | 0.5 | 0.6 | 0.5 | 0.6 | 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 | 0.4 | 0.5 | 0.5 | 0.4 | 0.3 | 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 |

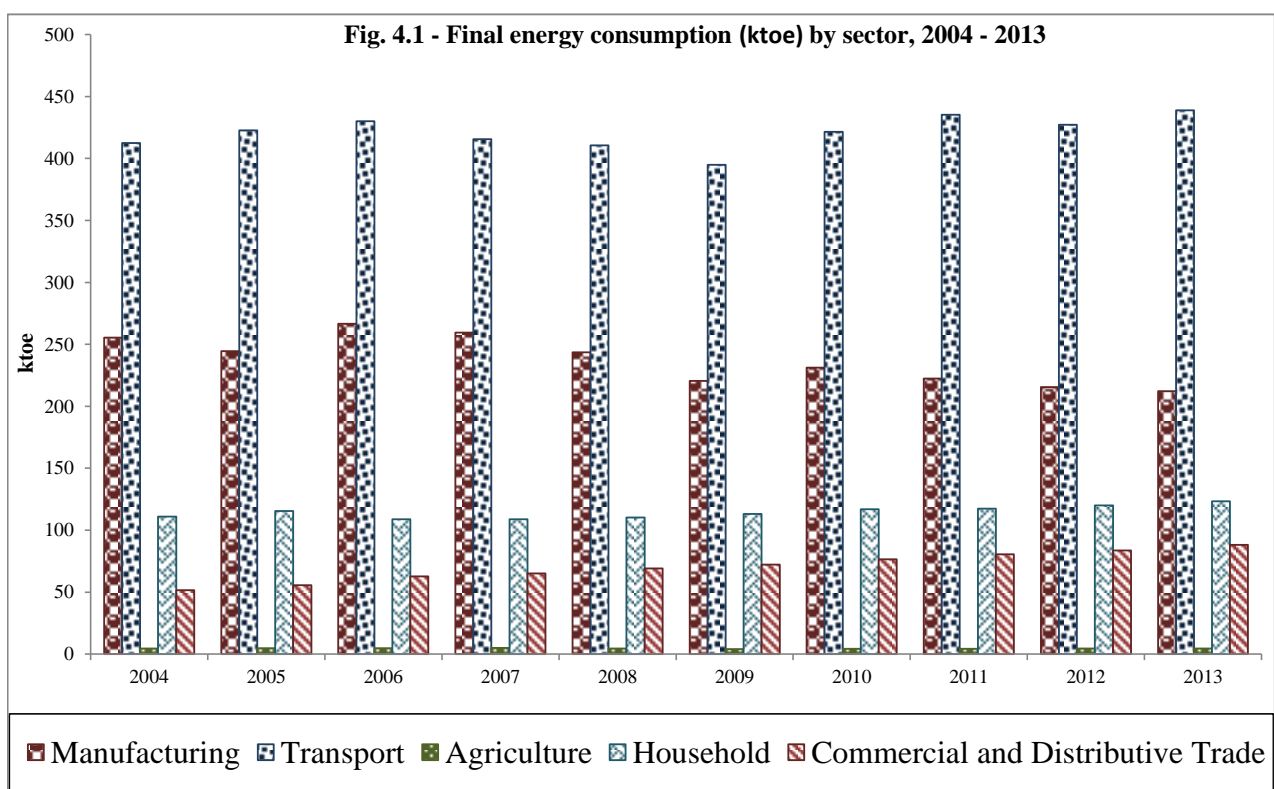


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 2004 - 2013

| Sector | Unit | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. Manufacturing | | | | | | | | | | | |
| Fuel oil | tonne | 45,868 | 42,554 | 53,743 | 55,722 | 50,268 | 43,078 | 41,472 | 40,316 | 38,953 | 39,182 |
| Diesel oil | tonne | 43,372 | 41,127 | 49,767 | 48,336 | 46,301 | 45,882 | 46,543 | 43,094 | 41,310 | 35,443 |
| LPG | tonne | 2,756 | 3,904 | 3,965 | 4,068 | 4,920 | 5,007 | 5,122 | 5,238 | 5,463 | 5,353 |
| Coal | tonne | 24,220 | 23,162 | 21,666 | 19,964 | 41,672 | 21,572 | 24,786 | 24,200 | 25,619 | 27,507 |
| Fuelwood ¹ | tonne | 1,415 | 1,400 | 1,425 | 1,425 | 1,425 | 1,426 | 1,426 | 1,425 | 1,410 | 1,385 |
| Electricity | GWh | 768.9 | 778.3 | 841.2 | 879.6 | 912.9 | 897.2 | 934.3 | 929.2 | 929.8 | 962.6 |
| Bagasse | tonne | 518,379 | 476,198 | 463,563 | 400,646 | 239,276 | 226,759 | 265,988 | 244,288 | 213,123 | 204,565 |
| 2. Transport | | | | | | | | | | | |
| Land | | | | | | | | | | | |
| Gasolene | tonne | 88,011 | 89,498 | 86,886 | 96,463 | 98,867 | 108,871 | 115,266 | 117,370 | 123,352 | 128,928 |
| Diesel oil | tonne | 162,971 | 165,344 | 172,504 | 150,717 | 151,840 | 152,631 | 159,471 | 159,904 | 164,650 | 164,802 |
| LPG | tonne | 2,691 | 6,726 | 6,887 | 6,633 | 5,184 | 4,587 | 4,641 | 4,502 | 4,363 | 4,068 |
| Air | | | | | | | | | | | |
| Jet Fuel | tonne | 137,002 | 137,560 | 141,053 | 138,104 | 131,631 | 106,246 | 118,553 | 129,170 | 110,582 | 116,093 |
| Sea | | | | | | | | | | | |
| Fuel Oil | tonne | 3,989 | 4,209 | 4,355 | 4,845 | 4,371 | 3,746 | 3,537 | 3,575 | 3,674 | 3,525 |
| Gasolene | tonne | 2,339 | 3,175 | 2,231 | 2,477 | 2,539 | 2,796 | 2,960 | 3,014 | 3,105 | 3,170 |
| Diesel oil | tonne | 1,149 | 1,166 | 1,185 | 1,062 | 1,070 | 1,076 | 1,124 | 1,127 | 1,137 | 1,142 |
| 3. Commercial and Distributive Trade | | | | | | | | | | | |
| LPG | tonne | 6,372 | 6,985 | 11,436 | 10,927 | 10,094 | 10,575 | 10,925 | 11,260 | 11,918 | 13,285 |
| Charcoal ¹ | tonne | 360 | 380 | 393 | 407 | 422 | 437 | 453 | 469 | 474 | 483 |
| Electricity | GWh | 516.2 | 556.4 | 581.8 | 617.9 | 672.7 | 704.2 | 748.0 | 792.6 | 819.3 | 853.2 |
| 4. Household | | | | | | | | | | | |
| Kerosene | tonne | 8,726 | 9,765 | 3,923 | 1,238 | 1,772 | 1,476 | 1,731 | 515 | 243 | 202 |
| LPG | tonne | 42,856 | 43,206 | 41,599 | 42,088 | 42,394 | 43,237 | 44,059 | 44,640 | 45,329 | 46,360 |
| Fuelwood ¹ | tonne | 15,940 | 16,540 | 17,473 | 17,497 | 16,726 | 16,619 | 16,597 | 16,336 | 16,003 | 15,466 |
| Charcoal ¹ | tonne | 120 | 130 | 123 | 126 | 119 | 119 | 119 | 116 | 114 | 111 |
| Electricity | GWh | 575.0 | 607.5 | 617.9 | 643.0 | 652.2 | 680.1 | 710.7 | 725.3 | 753.0 | 780.96 |
| 5. Agriculture | | | | | | | | | | | |
| Diesel oil ¹ | tonne | 2,375 | 2,345 | 2,289 | 2,456 | 2,241 | 2,286 | 2,325 | 2,344 | 2,331 | 2,320 |
| Electricity | GWh | 23.8 | 27.1 | 28.7 | 28.2 | 25.8 | 20.5 | 23.8 | 22.5 | 25.0 | 25.4 |

¹ Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 2004 - 2013

| | ktoe | | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sector | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| 1. Manufacturing | 255.4 | 244.6 | 266.6 | 259.4 | 243.5 | 220.4 | 231.2 | 222.4 | 215.5 | 212.3 |
| Fuel oil | 44.0 | 40.9 | 51.6 | 53.5 | 48.3 | 41.4 | 39.8 | 38.7 | 37.4 | 37.6 |
| Diesel oil | 43.8 | 41.5 | 50.3 | 48.8 | 46.8 | 46.3 | 47.0 | 43.5 | 41.7 | 35.8 |
| LPG | 3.0 | 4.2 | 4.3 | 4.4 | 5.3 | 5.4 | 5.5 | 5.7 | 5.9 | 5.8 |
| Coal | 15.0 | 14.4 | 13.4 | 12.4 | 25.8 | 13.4 | 15.4 | 15.0 | 15.9 | 17.1 |
| Fuelwood | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Electricity | 66.1 | 66.9 | 72.3 | 75.6 | 78.5 | 77.1 | 80.3 | 79.9 | 79.9 | 82.8 |
| Bagasse | 82.9 | 76.2 | 74.2 | 64.1 | 38.3 | 36.3 | 42.6 | 39.1 | 34.1 | 32.7 |
| 2. Transport | 412.6 | 422.6 | 430.0 | 415.6 | 410.6 | 394.9 | 421.6 | 435.3 | 427.3 | 438.8 |
| Land | 262.6 | 270.9 | 275.5 | 263.6 | 265.7 | 276.7 | 290.6 | 293.1 | 304.2 | 310.1 |
| Gasolene | 95.1 | 96.7 | 93.8 | 104.2 | 106.8 | 117.6 | 124.5 | 126.8 | 133.2 | 139.2 |
| Diesel oil | 164.6 | 167.0 | 174.2 | 152.2 | 153.4 | 154.2 | 161.1 | 161.5 | 166.3 | 166.5 |
| LPG | 2.9 | 7.3 | 7.4 | 7.2 | 5.6 | 5.0 | 5.0 | 4.9 | 4.7 | 4.4 |
| Air: Jet Fuel | 142.5 | 143.1 | 146.7 | 143.6 | 136.9 | 110.5 | 123.3 | 134.3 | 115.0 | 120.7 |
| Sea | 7.5 | 8.6 | 7.8 | 8.4 | 8.0 | 7.7 | 7.7 | 7.8 | 8.0 | 8.0 |
| Fuel Oil | 3.8 | 4.0 | 4.2 | 4.7 | 4.2 | 3.6 | 3.4 | 3.4 | 3.5 | 3.4 |
| Gasolene | 2.5 | 3.4 | 2.4 | 2.7 | 2.7 | 3.0 | 3.2 | 3.3 | 3.4 | 3.4 |
| Diesel oil | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 |
| 3. Commercial and Distributive Trade | 51.5 | 55.7 | 62.7 | 65.2 | 69.1 | 72.3 | 76.4 | 80.7 | 83.7 | 88.1 |
| LPG | 6.9 | 7.5 | 12.4 | 11.8 | 10.9 | 11.4 | 11.8 | 12.2 | 12.9 | 14.3 |
| Charcoal | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| Electricity | 44.4 | 47.8 | 50.0 | 53.1 | 57.8 | 60.5 | 64.3 | 68.1 | 70.4 | 73.4 |
| 4. Household | 110.9 | 115.4 | 108.9 | 108.8 | 110.1 | 113.1 | 116.9 | 117.4 | 120.1 | 123.4 |
| Kerosene | 9.1 | 10.2 | 4.1 | 1.3 | 1.8 | 1.5 | 1.8 | 0.5 | 0.3 | 0.2 |
| LPG | 46.3 | 46.7 | 44.9 | 45.5 | 45.8 | 46.7 | 47.6 | 48.2 | 49.0 | 50.1 |
| Fuelwood | 6.1 | 6.3 | 6.6 | 6.6 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 5.9 |
| Charcoal | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Electricity | 49.4 | 52.2 | 53.1 | 55.3 | 56.1 | 58.5 | 61.1 | 62.4 | 64.7 | 67.1 |
| 5. Agriculture | 4.4 | 4.7 | 4.8 | 4.9 | 4.5 | 4.1 | 4.4 | 4.3 | 4.5 | 4.5 |
| Diesel oil | 2.4 | 2.4 | 2.3 | 2.5 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.3 |
| Electricity | 2.0 | 2.3 | 2.5 | 2.4 | 2.2 | 1.8 | 2.0 | 1.9 | 2.1 | 2.2 |
| 6. Other (n.e.s) and losses | 3.2 | 3.0 | 3.4 | 3.6 | 3.8 | 3.8 | 3.5 | 3.0 | 3.4 | 3.5 |
| TOTAL | 838.1 | 846.1 | 876.3 | 857.5 | 841.6 | 808.6 | 854.0 | 863.0 | 854.4 | 870.6 |

Table 4.5 - Percentage share of final energy consumption in ktce by sector and type of fuel, 2004 - 2013

| Sector | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1. Manufacturing | 30.5 | 28.9 | 30.4 | 30.2 | 28.9 | 27.3 | 27.1 | 25.8 | 25.2 | 24.4 |
| Fuel oil | 5.3 | 4.8 | 5.9 | 6.2 | 5.7 | 5.1 | 4.7 | 4.5 | 4.4 | 4.3 |
| Diesel oil | 5.2 | 4.9 | 5.7 | 5.7 | 5.6 | 5.7 | 5.5 | 5.0 | 4.9 | 4.1 |
| LPG | 0.4 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.6 | 0.7 | 0.7 | 0.7 |
| Coal | 1.8 | 1.7 | 1.5 | 1.4 | 3.1 | 1.7 | 1.8 | 1.7 | 1.9 | 2.0 |
| Fuelwood | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Electricity | 7.9 | 7.9 | 8.3 | 8.8 | 9.3 | 9.5 | 9.4 | 9.3 | 9.4 | 9.5 |
| Bagasse | 9.9 | 9.0 | 8.5 | 7.5 | 4.5 | 4.5 | 5.0 | 4.5 | 4.0 | 3.8 |
| 2. Transport | 49.2 | 50.0 | 49.1 | 48.5 | 48.8 | 48.8 | 49.4 | 50.4 | 50.0 | 50.4 |
| Land | 31.3 | 32.0 | 31.4 | 30.7 | 31.6 | 34.2 | 34.0 | 34.0 | 35.6 | 35.6 |
| Gasolene | 11.3 | 11.4 | 10.7 | 12.1 | 12.7 | 14.5 | 14.6 | 14.7 | 15.6 | 16.0 |
| Diesel oil | 19.6 | 19.7 | 19.9 | 17.8 | 18.2 | 19.1 | 18.9 | 18.7 | 19.5 | 19.1 |
| LPG | 0.3 | 0.9 | 0.8 | 0.8 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 |
| Air: Jet Fuel | 17.0 | 16.9 | 16.7 | 16.7 | 16.3 | 13.7 | 14.4 | 15.6 | 13.5 | 13.9 |
| Sea | 0.9 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 |
| Fuel Oil | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Gasolene | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 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 | 6.1 | 6.6 | 7.2 | 7.6 | 8.2 | 8.9 | 9.0 | 9.3 | 9.8 | 10.1 |
| LPG | 0.8 | 0.9 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.4 | 1.5 | 1.6 |
| Charcoal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electricity | 5.3 | 5.7 | 5.7 | 6.2 | 6.9 | 7.5 | 7.5 | 7.9 | 8.2 | 8.4 |
| 4. Household | 13.2 | 13.6 | 12.4 | 12.7 | 13.1 | 14.0 | 13.7 | 13.6 | 14.1 | 14.2 |
| Kerosene | 1.1 | 1.2 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 |
| LPG | 5.5 | 5.5 | 5.1 | 5.3 | 5.4 | 5.8 | 5.6 | 5.6 | 5.7 | 5.8 |
| Fuelwood | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| Charcoal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electricity | 5.9 | 6.2 | 6.1 | 6.4 | 6.7 | 7.2 | 7.2 | 7.2 | 7.6 | 7.7 |
| 5. Agriculture | 0.5 | 0.6 | 0.5 | 0.6 | 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 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 |
| 6. Other (n.e.s) and losses | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.4 | 0.3 | 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 |

%

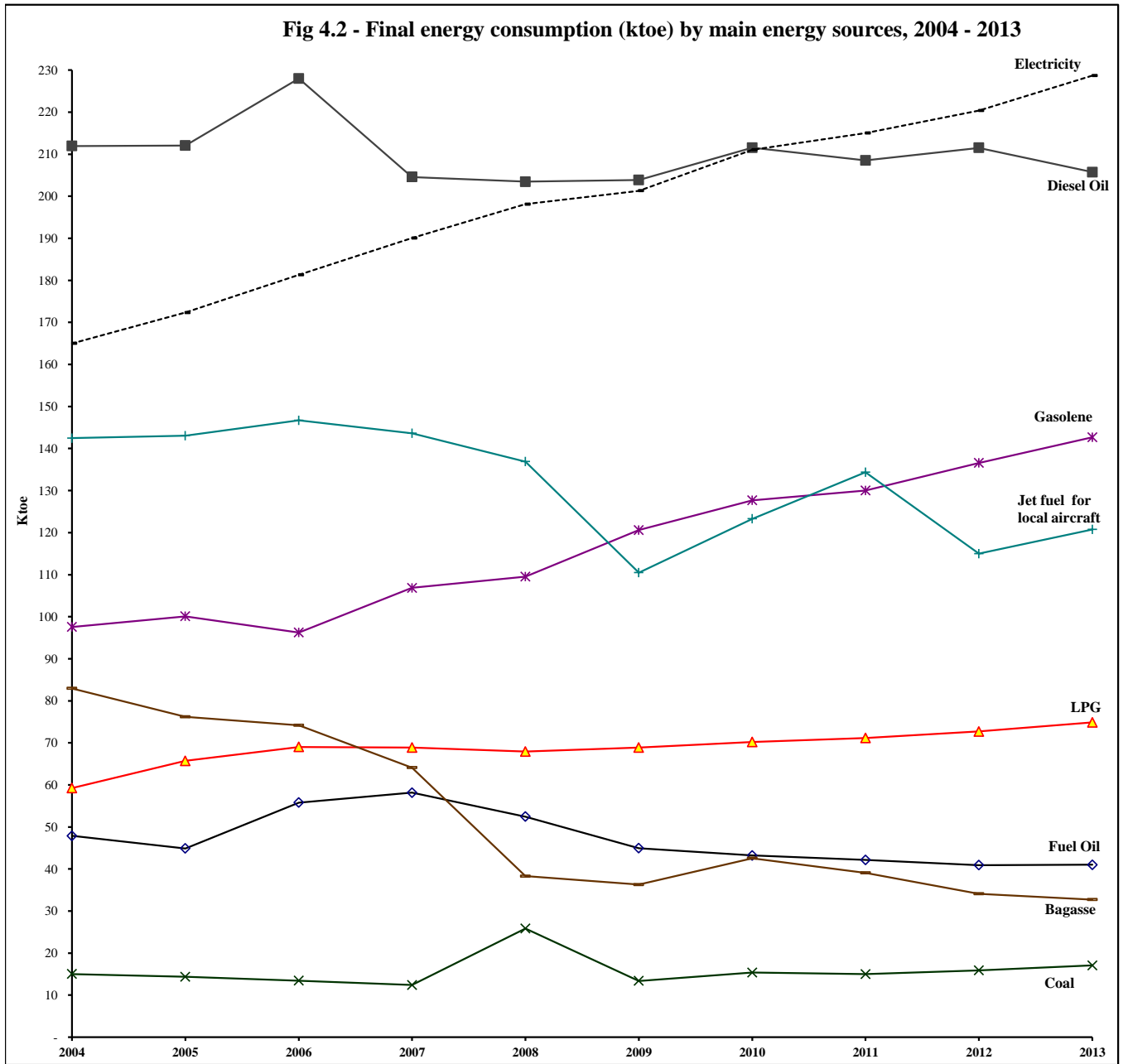


Fig 4.3 - Percentage share of energy sources in the Final Energy Consumption (ktoe) - 2004, 2008 and 2013

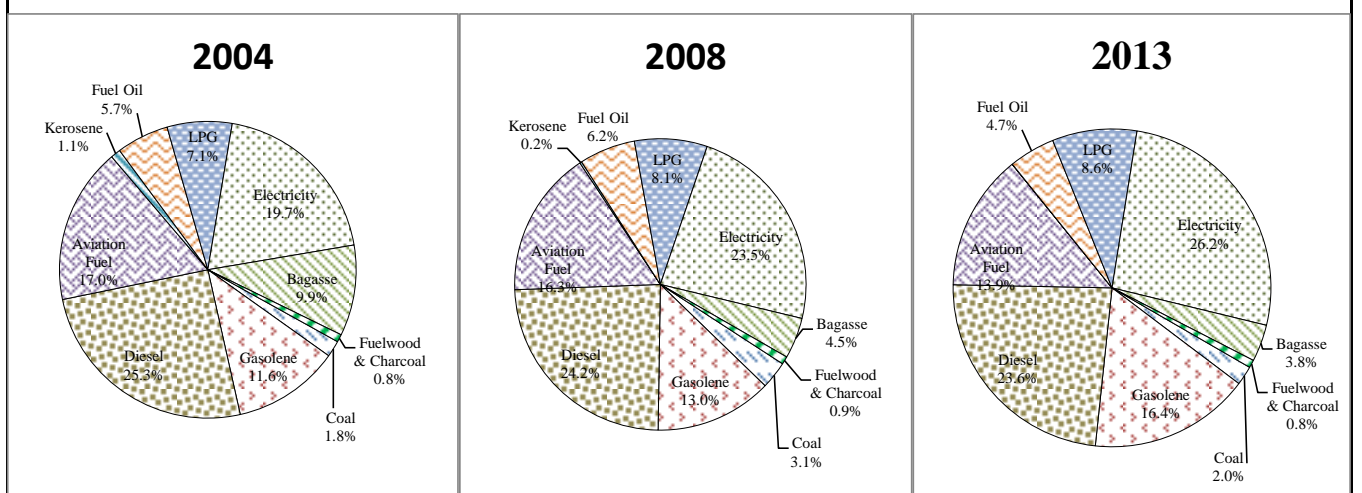


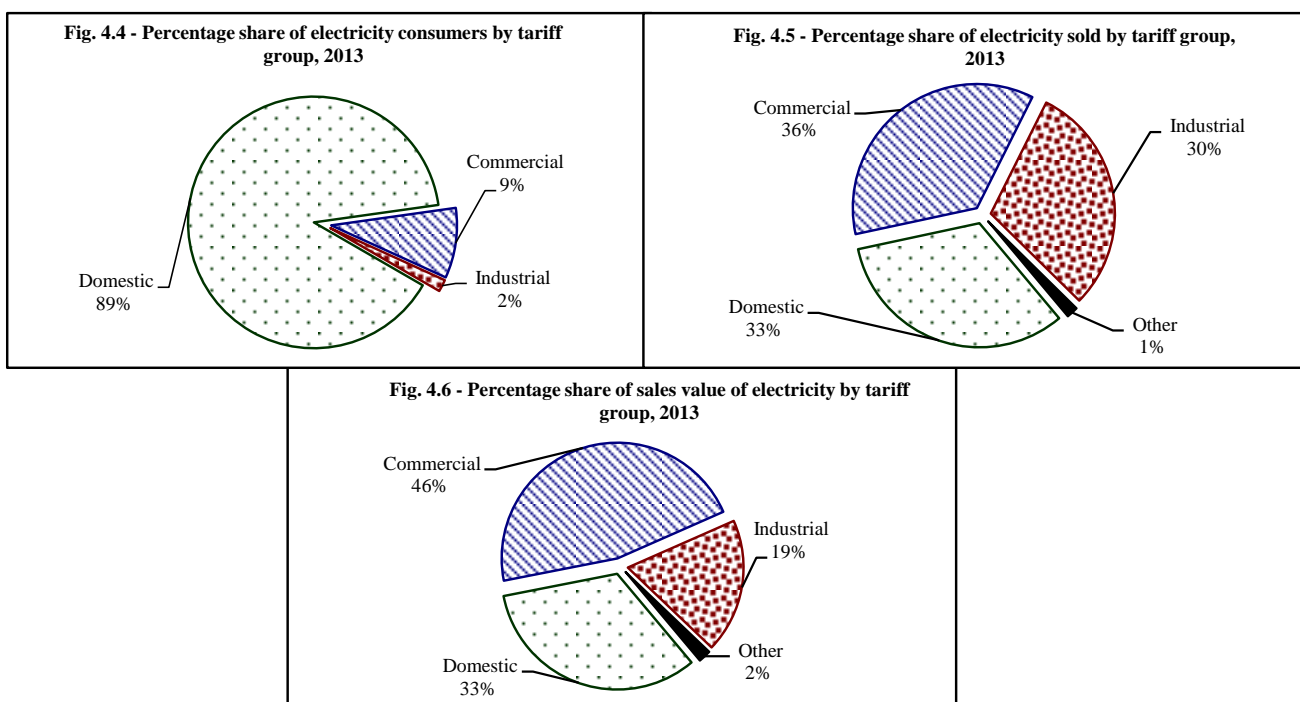
Table 4.7 - Sales of electricity by tariff group, 2004 - 2013 (Republic of Mauritius)

| Tariff group | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 ¹ | 2011 | 2012 | 2013 |
|--|----------------|----------------|----------------|----------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Number of consumers | | | | | | | | | | |
| Domestic | 319,425 | 328,726 | 335,816 | 343,142 | 350,627 | 358,359 | 364,474 | 372,315 | 381,096 | 388,910 |
| Commercial | 30,541 | 31,891 | 33,089 | 34,388 | 35,721 | 36,151 | 36,956 | 37,685 | 38,539 | 39,199 |
| Industrial | 7,205 | 7,316 | 7,364 | 7,435 | 7,295 | 7,143 | 7,008 | 6,818 | 6,763 | 6,703 |
| Other | 335 | 338 | 349 | 356 | 369 | 403 | 429 | 465 | 507 | 588 |
| Total | 357,506 | 368,271 | 376,618 | 385,321 | 394,012 | 402,056 | 408,867 | 417,283 | 426,905 | 435,400 |
| GWh sold | | | | | | | | | | |
| Domestic | 575.0 | 607.5 | 617.9 | 643.0 | 652.2 | 680.1 | 710.7 | 725.3 | 753.0 | 780.8 |
| Commercial | 516.2 | 556.4 | 581.8 | 617.9 | 672.7 | 704.2 | 748.0 | 792.6 | 818.7 | 852.0 |
| Industrial | 577.9 | 578.1 | 641.6 | 673.0 | 688.7 | 646.1 | 677.6 | 679.4 | 687.4 | 715.2 |
| Other | 34.8 | 35.4 | 38.5 | 41.4 | 40.0 | 38.9 | 37.6 | 30.9 | 35.3 | 36.1 |
| Total | 1,703.9 | 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 |
| Value sold (Rs.mn) | | | | | | | | | | |
| Domestic | 1,855.7 | 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 |
| Commercial | 2,091.6 | 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 |
| Industrial | 1,253.2 | 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 |
| Other | 151.6 | 159.2 | 194.3 | 216.8 | 275.0 | 275.6 | 274.3 | 240.1 | 269.6 | 239.0 |
| Total | 5,352.1 | 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 |
| Average sales price* (Rs./kWh) | | | | | | | | | | |
| Domestic | 3.23 | 3.34 | 3.66 | 3.83 | 4.82 | 5.07 | 5.25 | 5.61 | 5.71 | 5.72 |
| Commercial | 4.05 | 4.16 | 4.78 | 5.03 | 6.60 | 6.86 | 7.04 | 7.40 | 7.44 | 7.38 |
| Industrial | 2.17 | 2.19 | 2.39 | 2.51 | 3.20 | 3.26 | 3.35 | 3.52 | 3.56 | 3.54 |
| Other | 4.35 | 4.49 | 5.04 | 5.24 | 6.87 | 7.09 | 7.29 | 7.77 | 7.64 | 6.62 |
| Total | 3.14 | 3.25 | 3.60 | 3.79 | 4.90 | 5.15 | 5.31 | 5.64 | 5.71 | 5.67 |
| Average no. of units per consumer (kWh) | | | | | | | | | | |
| Domestic | 1,800 | 1,848 | 1,840 | 1,874 | 1,860 | 1,898 | 1,950 | 1,948 | 1,976 | 2,008 |
| Commercial | 16,903 | 17,447 | 17,583 | 17,970 | 18,832 | 19,479 | 20,239 | 21,033 | 21,244 | 21,736 |
| Industrial | 80,204 | 79,022 | 87,123 | 90,514 | 94,414 | 90,445 | 96,692 | 99,654 | 101,641 | 106,701 |
| Other | 104,005 | 104,843 | 110,409 | 116,273 | 108,498 | 96,429 | 87,671 | 66,469 | 69,563 | 61,447 |
| Total | 4,766 | 4,827 | 4,991 | 5,126 | 5,212 | 5,147 | 5,317 | 5,340 | 5,374 | 5,476 |

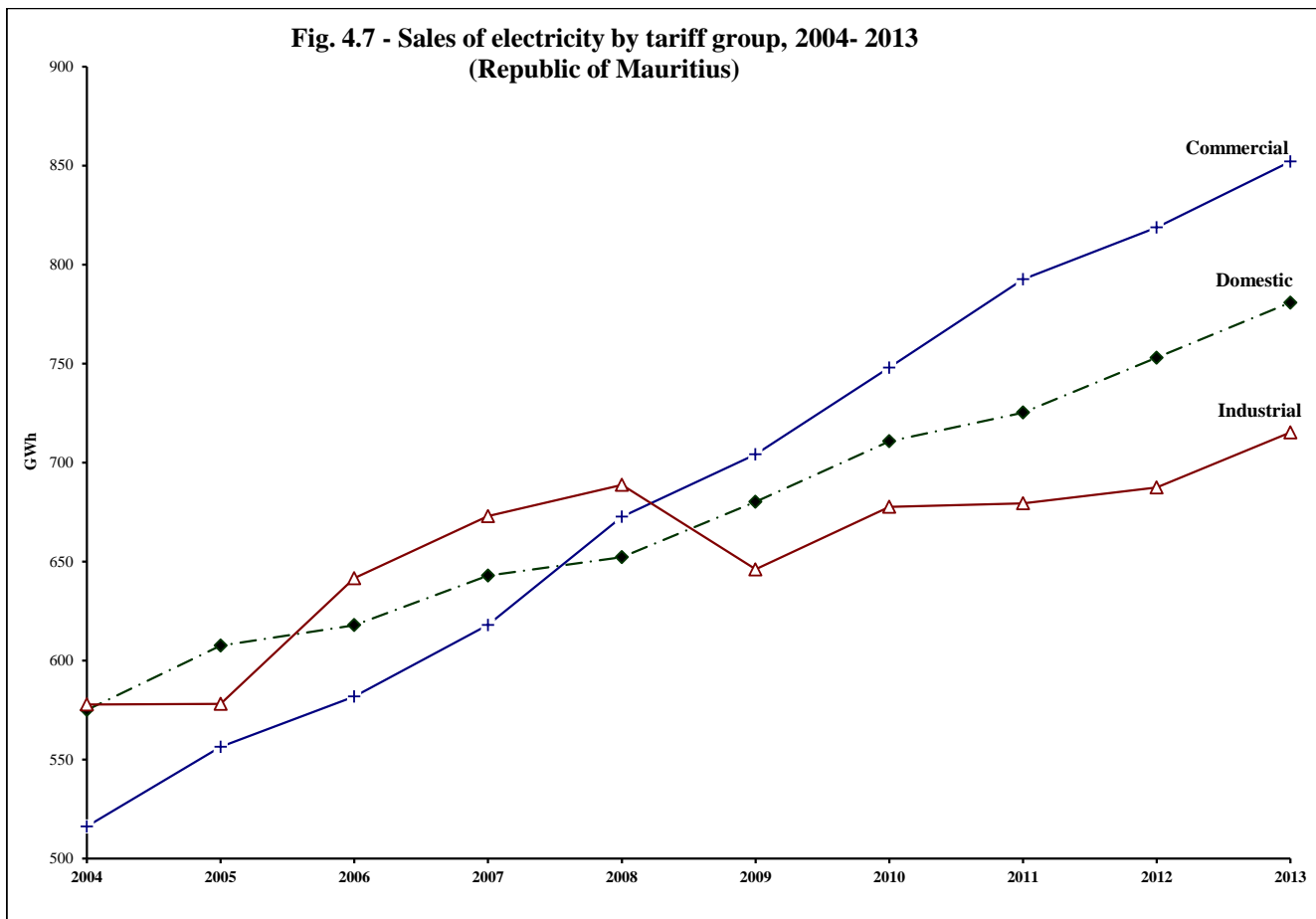
1 Revised

* Excluding VAT & meter rent

Source: Central Electricity Board



**Fig. 4.7 - Sales of electricity by tariff group, 2004- 2013
(Republic of Mauritius)**



**Fig. 4.8 - Sales value of electricity by tariff group, 2004 - 2013
(Republic of Mauritius)**

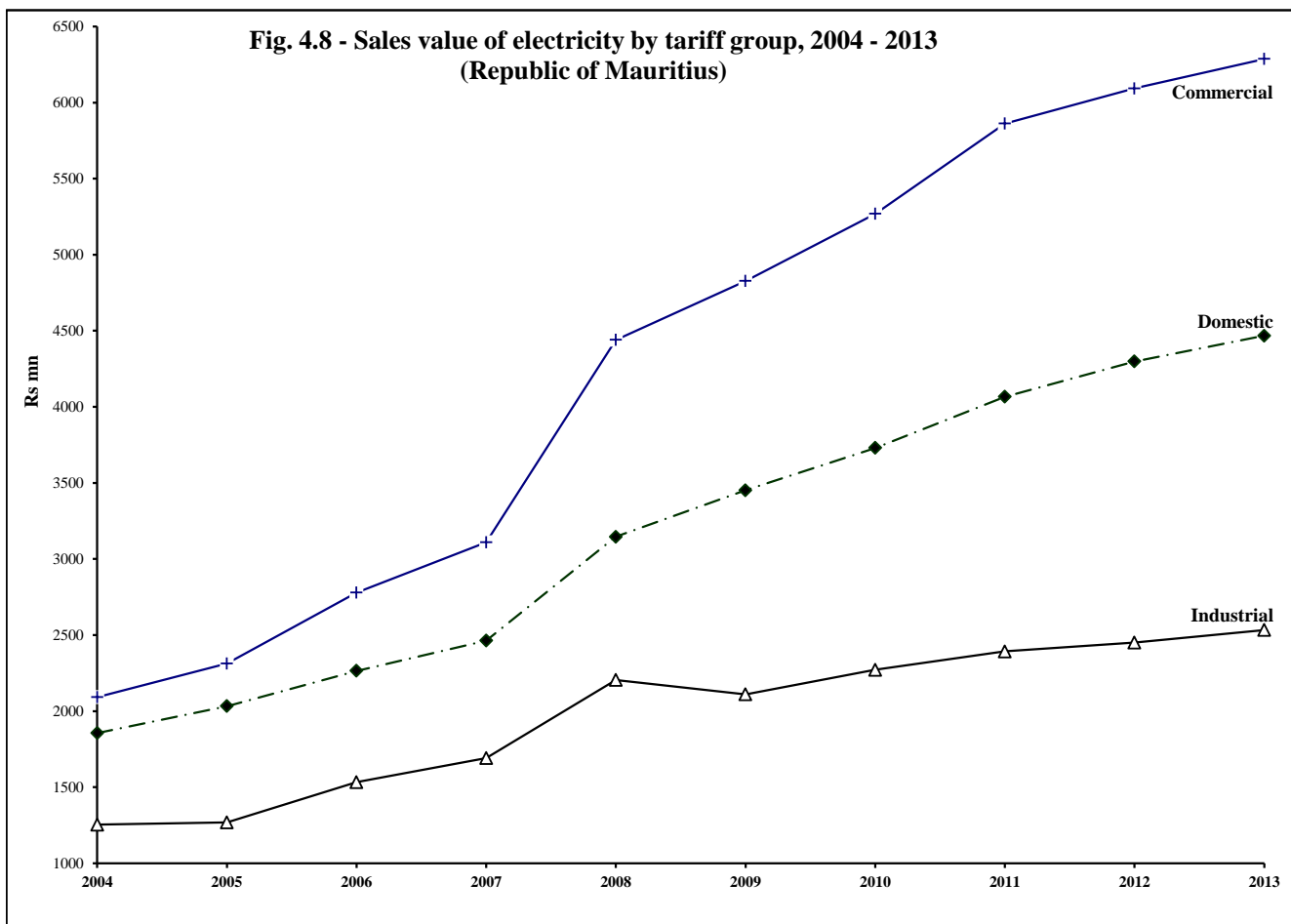


Table 4.8 - Sales of electricity by tariff group, 2004 - 2013 (Island of Mauritius)

| Tariff group | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 ¹ | 2011 | 2012 | 2013 |
|--|----------------|----------------|----------------|----------------|----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Number of consumers | | | | | | | | | | |
| Domestic | 310,078 | 319,075 | 325,830 | 332,900 | 340,217 | 347,757 | 353,689 | 361,231 | 369,707 | 377,238 |
| Commercial | 29,552 | 30,866 | 32,060 | 33,309 | 34,630 | 35,051 | 35,813 | 36,476 | 37,282 | 37,927 |
| Industrial | 7,032 | 7,132 | 7,176 | 7,245 | 7,096 | 6,932 | 6,777 | 6,586 | 6,517 | 6,443 |
| <i>General</i> | 6,629 | 6,710 | 6,729 | 6,782 | 6,631 | 6,454 | 6,284 | 6,082 | 5,992 | 5,890 |
| <i>Irrigation</i> | 403 | 422 | 447 | 463 | 465 | 478 | 493 | 504 | 525 | 553 |
| Other | 328 | 331 | 342 | 349 | 362 | 396 | 422 | 458 | 499 | 541 |
| Total | 346,990 | 357,404 | 365,408 | 373,803 | 382,305 | 390,136 | 396,701 | 404,751 | 414,005 | 422,149 |
| GWh sold | | | | | | | | | | |
| Domestic | 562.4 | 593.2 | 603.4 | 628.4 | 637.5 | 665.3 | 695.3 | 709.7 | 737.0 | 764.0 |
| Commercial | 509.2 | 548.2 | 574.1 | 610.1 | 664.5 | 695.7 | 739.6 | 784.0 | 809.7 | 842.5 |
| Industrial | 576.0 | 575.8 | 639.7 | 671.2 | 687.0 | 643.9 | 675.6 | 677.4 | 685.4 | 713.0 |
| <i>General</i> | 552.4 | 549.1 | 611.0 | 643.0 | 661.1 | 623.5 | 651.8 | 654.9 | 660.5 | 687.6 |
| <i>Irrigation</i> | 23.7 | 26.8 | 28.7 | 28.2 | 25.8 | 20.4 | 23.8 | 22.5 | 24.9 | 25.4 |
| Other | 34.5 | 35.0 | 38.0 | 40.8 | 39.4 | 38.2 | 36.9 | 30.2 | 34.6 | 35.5 |
| <i>Street Lighting</i> | 30.6 | 31.6 | 32.6 | 33.1 | 34.0 | 33.3 | 30.9 | 24.4 | 24.8 | 25.6 |
| <i>Temporary</i> | 0.1 | 0.4 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 |
| <i>Miscellaneous</i> | 3.8 | 3.0 | 4.9 | 7.4 | 5.2 | 4.7 | 5.8 | 5.6 | 9.6 | 9.6 |
| Total | 1,682.0 | 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 |
| Value sold (Rs.mn) | | | | | | | | | | |
| Domestic | 1,817.5 | 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 |
| Commercial | 2,057.5 | 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 |
| Industrial | 1,248.3 | 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 |
| <i>General</i> | 1,208.8 | 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 |
| <i>Irrigation</i> | 39.5 | 45.9 | 54.0 | 55.8 | 64.9 | 52.2 | 64.1 | 62.8 | 70.9 | 71.9 |
| Other | 150.0 | 157.0 | 191.4 | 213.6 | 270.4 | 270.9 | 269.4 | 234.9 | 264.4 | 233.9 |
| Total | 5,273.3 | 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 |
| Average sales price* (Rs./kWh) | | | | | | | | | | |
| Domestic | 3.23 | 3.35 | 3.67 | 3.84 | 4.83 | 5.08 | 5.26 | 5.62 | 5.72 | 5.73 |
| Commercial | 4.04 | 4.14 | 4.77 | 5.02 | 6.58 | 6.84 | 7.03 | 7.38 | 7.42 | 7.36 |
| Industrial | 2.17 | 2.19 | 2.39 | 2.51 | 3.20 | 3.26 | 3.35 | 3.52 | 3.56 | 3.54 |
| <i>General</i> | 2.19 | 2.21 | 2.41 | 2.53 | 3.22 | 3.28 | 3.37 | 3.54 | 3.59 | 3.56 |
| <i>Irrigation</i> | 1.67 | 1.72 | 1.88 | 1.98 | 2.52 | 2.55 | 2.69 | 2.79 | 2.84 | 2.84 |
| Other | 4.35 | 4.49 | 5.04 | 5.23 | 6.87 | 7.09 | 7.29 | 7.77 | 7.64 | 6.59 |
| All tariff | 3.14 | 3.24 | 3.59 | 3.78 | 4.89 | 5.14 | 5.30 | 5.63 | 5.71 | 5.66 |
| Average no. of units per consumer (kWh) | | | | | | | | | | |
| Domestic | 1,814 | 1,859 | 1,852 | 1,888 | 1,874 | 1,913 | 1,966 | 1,964 | 1,993 | 2,025 |
| Commercial | 17,229 | 17,761 | 17,907 | 18,317 | 19,189 | 19,847 | 20,651 | 21,497 | 21,719 | 22,213 |
| Industrial | 81,917 | 80,739 | 89,139 | 92,644 | 96,808 | 92,893 | 99,694 | 102,855 | 105,179 | 110,661 |
| <i>General</i> | 83,328 | 81,830 | 90,794 | 94,815 | 99,705 | 96,604 | 103,726 | 107,679 | 110,233 | 116,746 |
| <i>Irrigation</i> | 58,716 | 63,398 | 64,220 | 60,843 | 55,497 | 42,777 | 48,305 | 44,631 | 47,488 | 45,849 |
| Other | 93,190 | 95,480 | 95,368 | 94,979 | 93,867 | 84,099 | 73,227 | 53,187 | 49,620 | 47,410 |
| All consumers | 4,848 | 4,903 | 5,077 | 5,218 | 5,306 | 5,237 | 5,413 | 5,439 | 5,475 | 5,578 |

¹ Revised

* Excluding VAT & meter rent

Source: Central Electricity Board

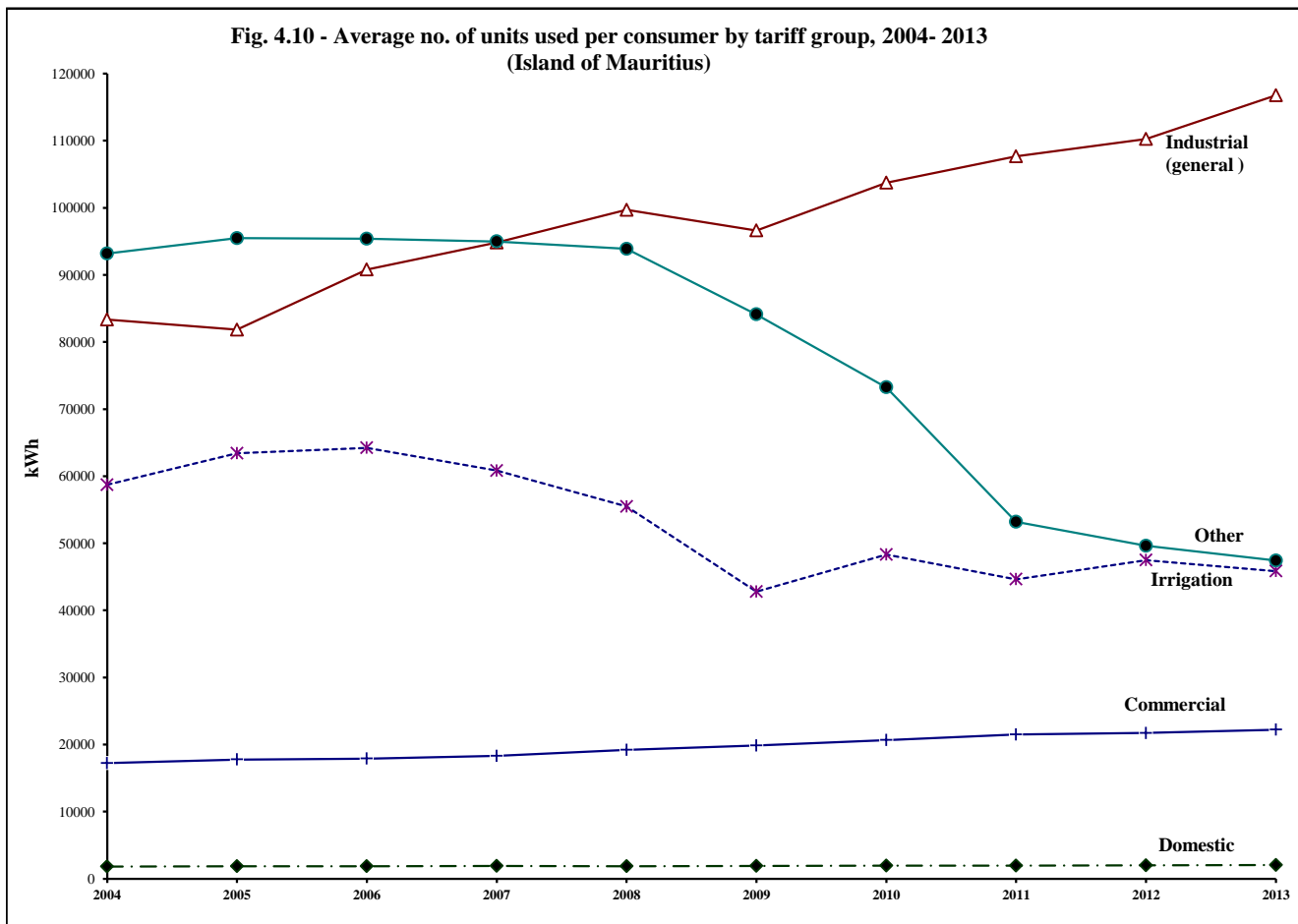
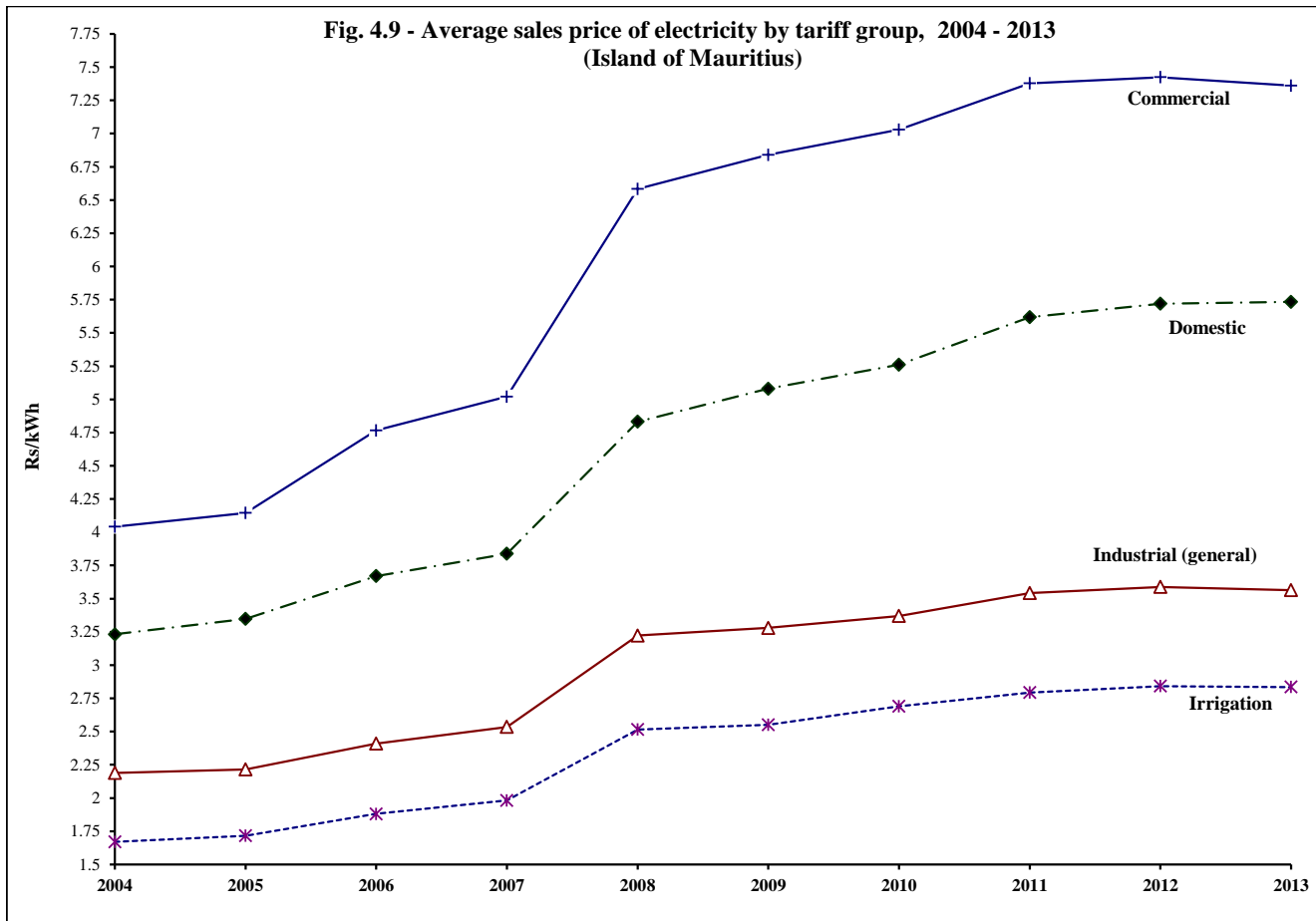


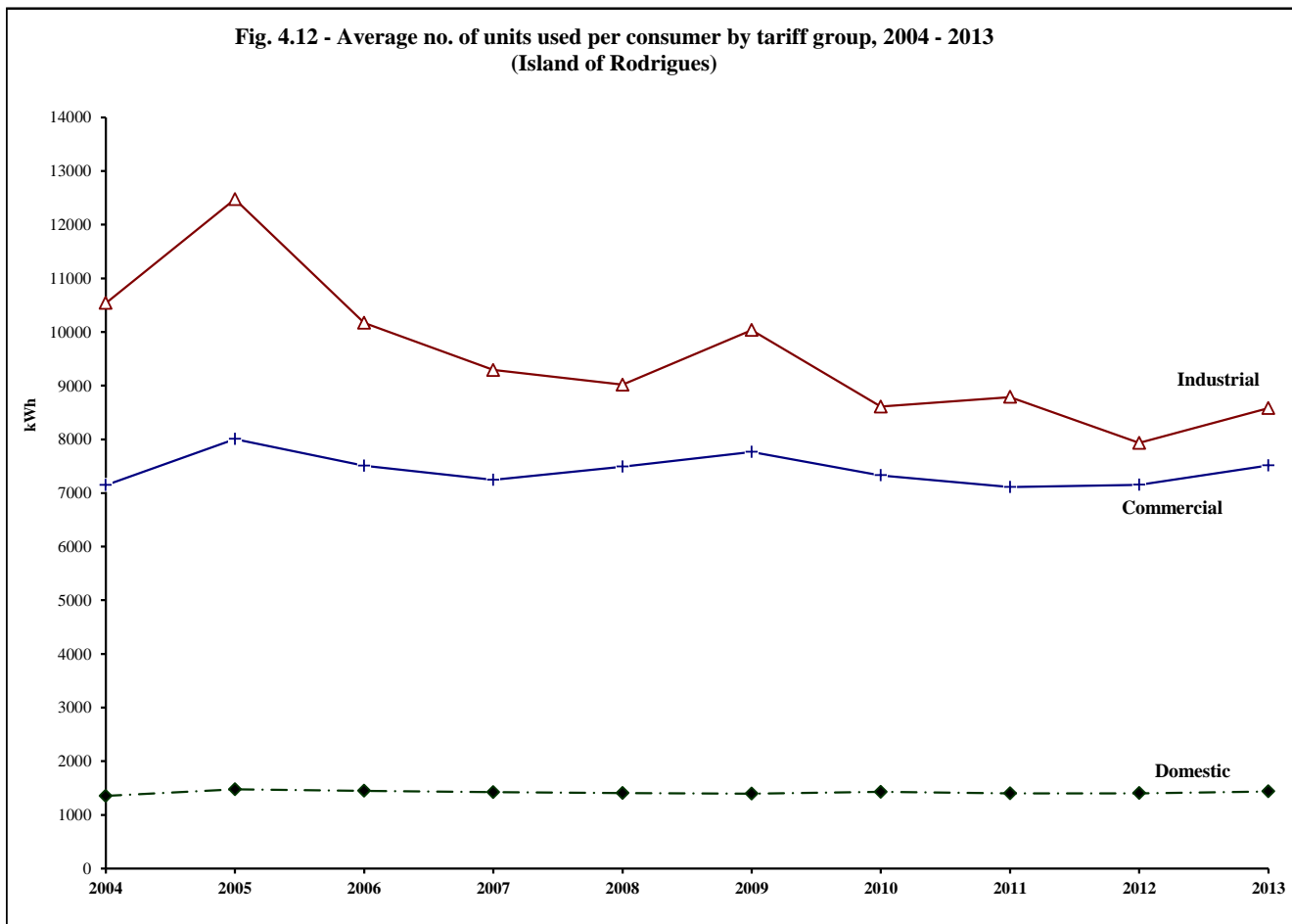
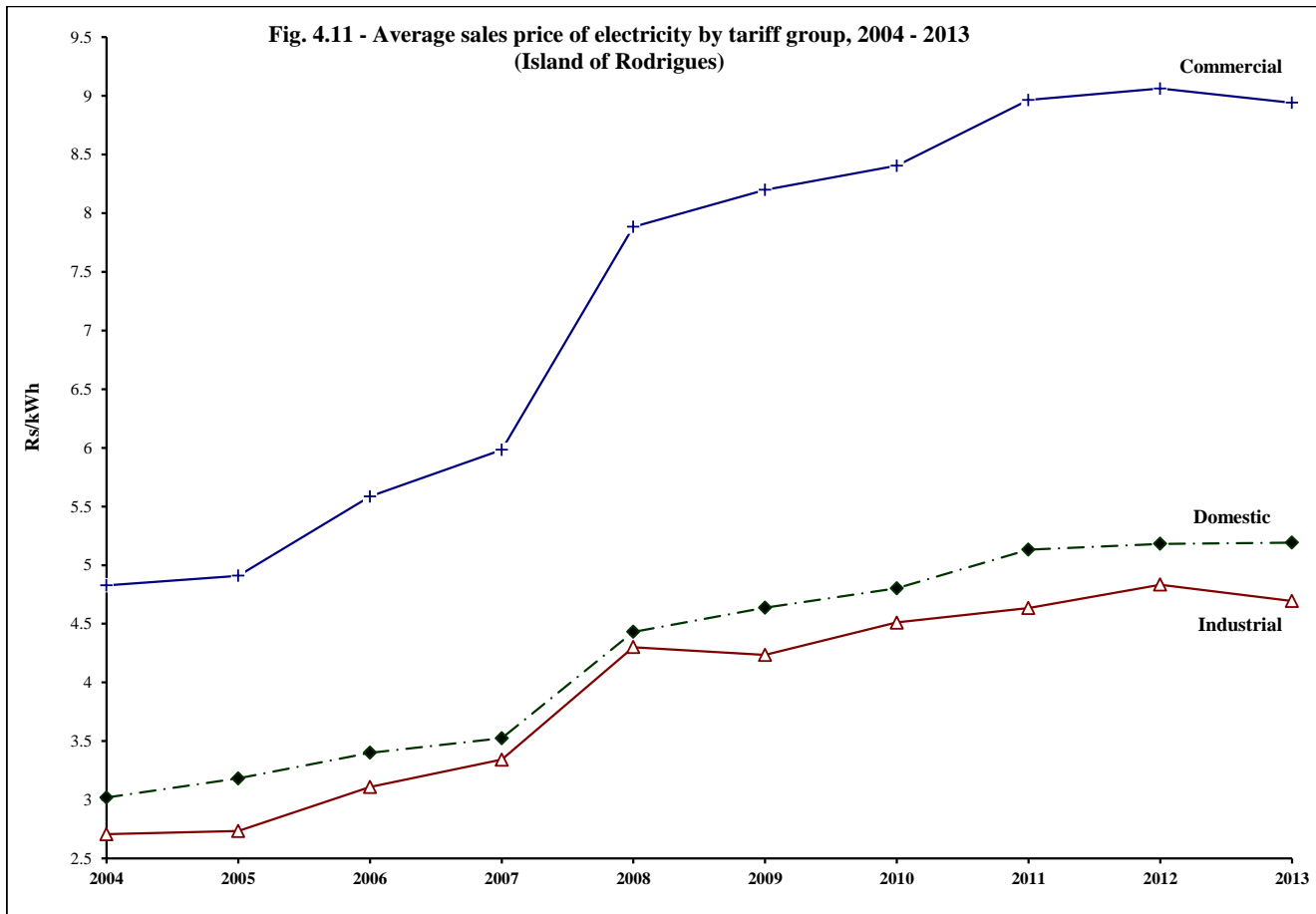
Table 4.9 - Sales of electricity by tariff group, 2004 - 2013 (Island of Rodrigues)

| Tariff group | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010¹ | 2011 | 2012 | 2013 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|-------------------------|---------------|---------------|---------------|
| Number of consumers | | | | | | | | | | |
| Domestic | 9,347 | 9,651 | 9,986 | 10,242 | 10,410 | 10,602 | 10,785 | 11,084 | 11,389 | 11,672 |
| Commercial | 989 | 1,025 | 1,029 | 1,079 | 1,091 | 1,100 | 1,143 | 1,209 | 1,257 | 1,272 |
| Industrial | 173 | 184 | 188 | 190 | 199 | 211 | 231 | 232 | 246 | 260 |
| Other | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 47 |
| Total | 10,516 | 10,867 | 11,210 | 11,518 | 11,707 | 11,920 | 12,166 | 12,532 | 12,900 | 13,251 |
| GWh sold | | | | | | | | | | |
| Domestic | 12.6 | 14.3 | 14.4 | 14.6 | 14.6 | 14.8 | 15.4 | 15.5 | 16.0 | 16.8 |
| Commercial | 7.1 | 8.2 | 7.7 | 7.8 | 8.2 | 8.5 | 8.4 | 8.6 | 9.0 | 9.6 |
| Industrial | 1.8 | 2.3 | 1.9 | 1.8 | 1.8 | 2.1 | 2.0 | 2.0 | 2.0 | 2.2 |
| Other | 0.4 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| Total | 21.9 | 25.2 | 24.7 | 24.7 | 25.3 | 26.1 | 26.4 | 26.9 | 27.6 | 29.2 |
| Value sold (Rs mn) | | | | | | | | | | |
| Domestic | 38.2 | 45.4 | 49.1 | 51.3 | 64.9 | 68.6 | 74.0 | 79.8 | 82.8 | 87.0 |
| Commercial | 34.1 | 40.3 | 43.1 | 46.8 | 64.4 | 70.0 | 70.4 | 77.0 | 81.5 | 85.4 |
| Industrial | 4.9 | 6.3 | 5.9 | 5.9 | 7.7 | 9.0 | 9.0 | 9.4 | 9.4 | 10.5 |
| Other | 1.6 | 2.2 | 2.9 | 3.2 | 4.6 | 4.7 | 4.9 | 5.2 | 5.2 | 5.1 |
| Total | 78.8 | 94.1 | 101.1 | 107.2 | 141.6 | 152.3 | 158.2 | 171.5 | 178.9 | 188.0 |
| Average sales price* (Rs/kWh) | | | | | | | | | | |
| Domestic | 3.02 | 3.18 | 3.40 | 3.52 | 4.43 | 4.64 | 4.80 | 5.13 | 5.18 | 5.19 |
| Commercial | 4.83 | 4.91 | 5.59 | 5.98 | 7.88 | 8.20 | 8.40 | 8.96 | 9.06 | 8.94 |
| Industrial | 2.71 | 2.74 | 3.11 | 3.34 | 4.30 | 4.23 | 4.51 | 4.63 | 4.83 | 4.70 |
| Other | 4.36 | 4.49 | 5.05 | 5.37 | 6.96 | 7.05 | 7.29 | 7.68 | 7.82 | 7.82 |
| Average | 3.60 | 3.73 | 4.10 | 4.33 | 5.61 | 5.83 | 5.98 | 6.39 | 6.49 | 6.44 |
| Average no. of units per consumer (kWh) | | | | | | | | | | |
| Domestic | 1,352 | 1,477 | 1,446 | 1,422 | 1,406 | 1,395 | 1,429 | 1,403 | 1,403 | 1,436 |
| Commercial | 7,145 | 8,006 | 7,505 | 7,243 | 7,492 | 7,766 | 7,327 | 7,108 | 7,152 | 7,513 |
| Industrial | 10,539 | 12,474 | 10,169 | 9,292 | 9,016 | 10,036 | 8,608 | 8,788 | 7,933 | 8,583 |
| Other | 53,047 | 69,034 | 81,968 | 84,841 | 94,382 | 95,355 | 95,987 | 96,923 | 83,593 | 13,978 |
| Average | 2,083 | 2,323 | 2,199 | 2,148 | 2,158 | 2,191 | 2,174 | 2,143 | 2,139 | 2,204 |

1 Revised

* Excluding VAT & meter rent

Source: Central Electricity Board





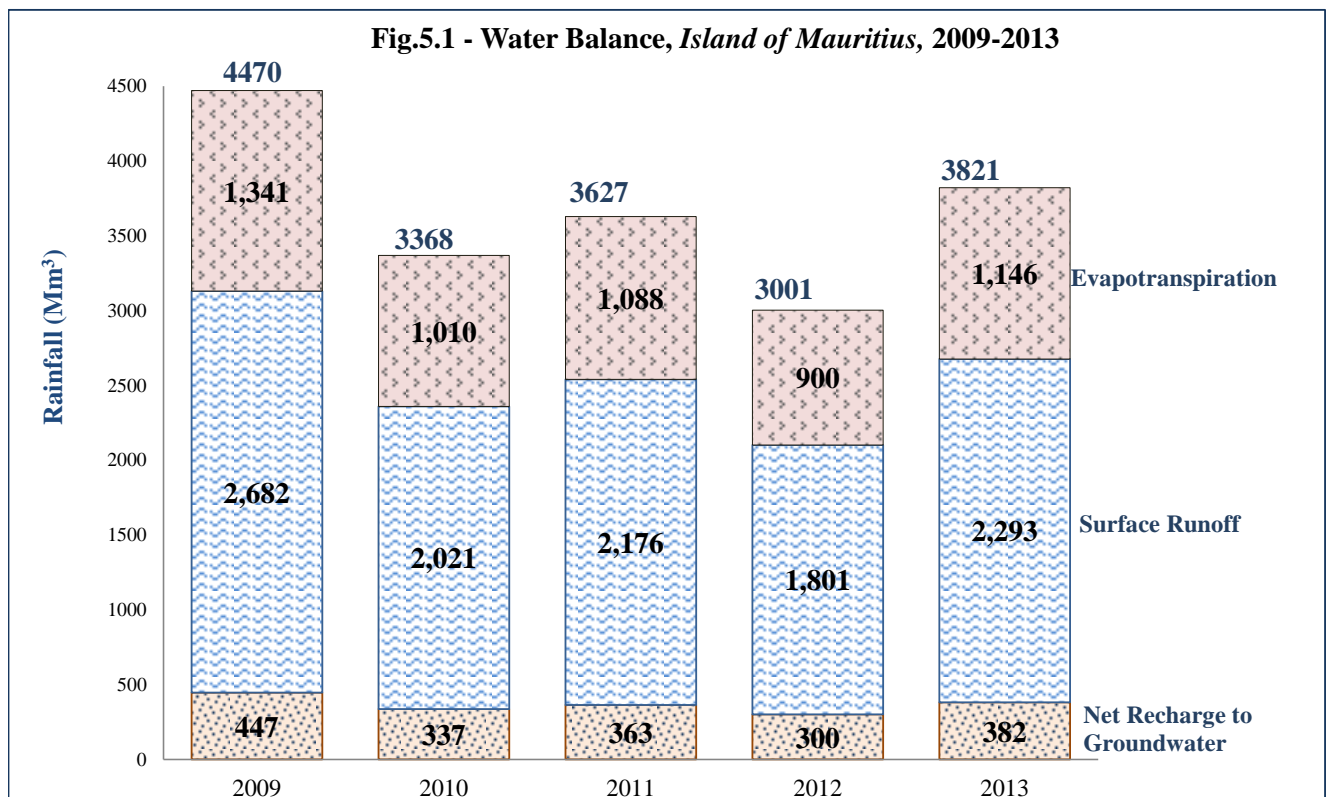
Section V
Water Statistics

Table 5.1 - Main water indicators^{1/}, 2009 - 2013

| Details | Unit | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|-------------------|-------|-------|-------|-------|-------|
| Mid-year population | thousand | 1,208 | 1,210 | 1,212 | 1,215 | 1,217 |
| Mean annual rainfall | | | | | | |
| <i>Island of Mauritius</i> | Millimetres | 2,397 | 1,806 | 1,945 | 1,609 | 2,049 |
| <i>Island of Rodrigues</i> | | | | | | |
| <i>Pte Canon</i> | Millimetres | 948 | 1,142 | 834 | 1,040 | 980 |
| <i>Plaine Corail</i> | Millimetres | 823 | 1,188 | 842 | 853 | 870 |
| Potable water produced | Mm ³ | 220 | 223 | 203 | 215 | 213 |
| Potable water consumed | Mm ³ | 98 | 100 | 96 | 95 | 96 |
| Potable water produced per capita per day ^{2/} | litres | 498 | 506 | 458 | 484 | 479 |
| Potable water consumed per capita per day | litres | 222 | 227 | 218 | 214 | 216 |
| Consumption per capita per day for 'Domestic' tariffs | litres | 170 | 173 | 167 | 164 | 165 |
| Average price per m ³ | Rs/m ³ | 9.06 | 9.01 | 8.75 | 11.90 | 12.12 |

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

2/ Revised according to adjusted population estimates following Population Census 2011 results



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

Table 5.2 - Water utilisation by source, 2011 - 2013, Island of Mauritius

| Utilisation | 2011 | | | | 2012 | | | | 2013 | | | |
|--|-------------------|------------------|--------------|-------------------|------------------|-------------------|--------------|------------|-------------------|-------------------|--------------|------------|
| | 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 oftakes | Reservoirs | | River-run oftakes | Reservoirs | River-run oftakes | | Reservoirs | | | | |
| Domestic, Industrial ^{1/} and tourism | 35 ^{2/} | 59 | 111 | 205 | 35 ^{2/} | 62 | 109 | 206 | 34 ^{2/} | 78 | 108 | 220 |
| Industrial ^{3/} | 5 | - | 5 | 10 | 5 | - | 6 | 11 | 5 | 2 | 6 | 13 |
| Agricultural | 305 | 45 ^{4/} | 6 | 356 | 299 | 59 ^{4/} | 7 | 365 | 312 | 56 ^{4/} | 7 | 375 |
| Hydropower | 113 | 68 ^{5/} | - | 181 | 114 | 104 ^{5/} | - | 218 | 146 ^{5/} | 134 ^{5/} | - | 280 |
| Overall Utilisation | 458 | 172 | 122 | 752 | 453 | 225 | 122 | 800 | 497 | 270 | 121 | 888 |
| Total Water Mobilisation | 437 | 148 | 122 | 707 | 435 | 190 | 122 | 747 | 465 | 224 | 121 | 810 |

1/ used through CWA

3/ used by water right owners and ground water licensees

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

2/ includes water used by Le Reduit power station

4/ includes Tamarind Falls & Magenta power stations

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

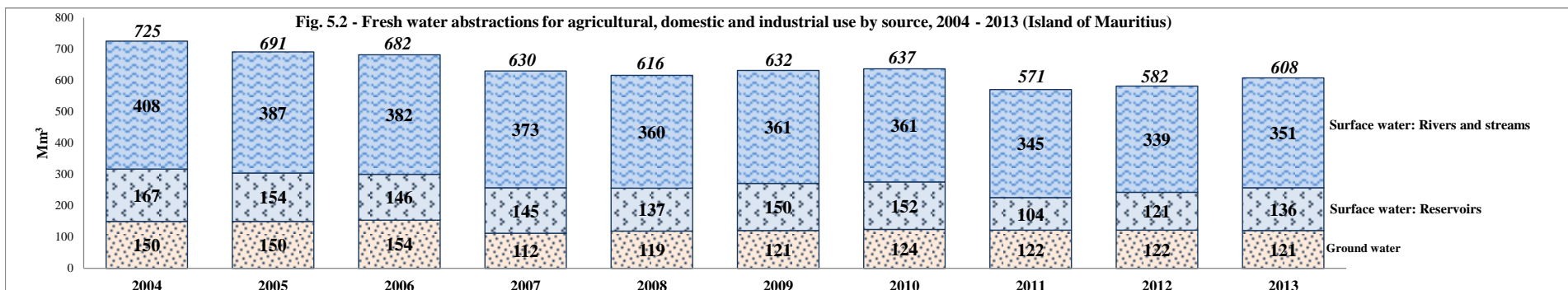


Table 5.3 - Fresh water abstractions by sector, 2004 - 2013, Island of Mauritius

| Sector | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Gross fresh surface water abstraction | 575 | 541 | 528 | 518 | 497 | 511 | 513 | 449 | 460 | 487 |
| Water supply industry (Central Water Authority) | 110 | 99 | 100 | 102 | 107 | 112 | 110 | 94 | 97 | 112 |
| Manufacturing | - | - | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 |
| Agriculture, forestry and fishing | 465 | 442 | 423 | 411 | 385 | 394 | 398 | 350 | 358 | 368 |
| Gross ground water abstraction | 150 | 150 | 154 | 112 | 119 | 121 | 124 | 122 | 122 | 121 |
| Water supply industry (Central Water Authority) | 114 | 115 | 116 | 99 | 107 | 111 | 113 | 111 | 109 | 108 |
| Manufacturing | 11 | 11 | 13 | 6 | 6 | 5 | 5 | 5 | 6 | 6 |
| Agriculture, forestry and fishing | 25 | 24 | 25 | 7 | 6 | 5 | 6 | 6 | 7 | 7 |
| Total | 725 | 691 | 682 | 630 | 616 | 632 | 637 | 571 | 582 | 608 |

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 | Tamarind 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, 2009 - 2013 (Island of Mauritius)

Millimetres

| Period | Long Term Mean (1971-2000) | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | Long Term Mean (1971-2000) | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | |
|-------------|----------------------------|--------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|-----------|---------------------|----------------------------|--------------|---------------------|------------|---------------------|-----------|---------------------|------------|---------------------|-----------|---------------------|------------|
| | | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | |
| Year | North | | | | | | | | | | | South | | | | | | | | | | | |
| | | 1,341 | 1,692 | 126 | 1,061 | 79 | 1,435 | 107 | 1,031 | 77 | 1,249 | 93 | 2,559 | 2,827 | 111 | 2,400 | 94 | 2,210 | 86 | 1,872 | 73 | 2,565 | 100 |
| | Jan | 186 | 192 | 103 | 216 | 116 | 188 | 101 | 73 | 39 | 158 | 85 | 290 | 274 | 94 | 422 | 146 | 223 | 77 | 88 | 30 | 331 | 114 |
| | Feb | 245 | 239 | 98 | 146 | 60 | 241 | 98 | 146 | 59 | 451 | 184 | 366 | 310 | 85 | 461 | 126 | 438 | 120 | 272 | 74 | 434 | 119 |
| | Mar | 161 | 251 | 156 | 186 | 116 | 373 | 232 | 260 | 162 | 147 | 91 | 325 | 368 | 113 | 389 | 120 | 365 | 112 | 358 | 110 | 445 | 137 |
| | Apr | 165 | 136 | 82 | 75 | 45 | 72 | 44 | 146 | 88 | 90 | 55 | 280 | 347 | 124 | 248 | 89 | 63 | 22 | 297 | 106 | 276 | 98 |
| | May | 107 | 79 | 74 | 79 | 74 | 88 | 82 | 102 | 95 | 36 | 34 | 212 | 257 | 121 | 139 | 66 | 116 | 55 | 186 | 88 | 73 | 34 |
| | Jun | 72 | 58 | 81 | 39 | 54 | 123 | 171 | 48 | 67 | 37 | 51 | 157 | 166 | 106 | 75 | 48 | 171 | 109 | 73 | 46 | 105 | 67 |
| | Jul | 73 | 78 | 107 | 82 | 112 | 58 | 79 | 73 | 100 | 16 | 22 | 180 | 217 | 120 | 208 | 116 | 138 | 77 | 135 | 75 | 108 | 60 |
| | Aug | 68 | 95 | 140 | 105 | 154 | 115 | 169 | 27 | 40 | 54 | 79 | 180 | 149 | 83 | 175 | 97 | 208 | 116 | 85 | 47 | 140 | 78 |
| | Sep | 44 | 51 | 116 | 29 | 66 | 13 | 30 | 20 | 45 | 14 | 32 | 112 | 83 | 74 | 80 | 71 | 58 | 52 | 75 | 67 | 56 | 50 |
| | Oct | 41 | 148 | 360 | 20 | 49 | 7 | 17 | 18 | 44 | 83 | 202 | 96 | 266 | 277 | 80 | 83 | 77 | 80 | 60 | 63 | 181 | 189 |
| | Nov | 47 | 133 | 282 | 72 | 153 | 34 | 72 | 35 | 74 | 116 | 247 | 110 | 181 | 165 | 105 | 95 | 92 | 84 | 87 | 79 | 222 | 202 |
| Dec | 132 | 233 | 176 | 12 | 9 | 123 | 93 | 83 | 63 | 47 | 36 | 249 | 208 | 84 | 18 | 7 | 261 | 105 | 156 | 63 | 194 | 78 | |
| Year | East | | | | | | | | | | | West | | | | | | | | | | | |
| | | 2,065 | 3,153 | 153 | 2,757 | 134 | 2,797 | 135 | 1,679 | 81 | 2,020 | 98 | 919 | 1,207 | 132 | 610 | 66 | 1,051 | 114 | 684 | 74 | 1,032 | 112 |
| | Jan | 260 | 205 | 79 | 524 | 202 | 480 | 184 | 107 | 41 | 243 | 93 | 167 | 222 | 132 | 115 | 69 | 288 | 172 | 74 | 44 | 109 | 65 |
| | Feb | 336 | 366 | 109 | 624 | 186 | 396 | 118 | 192 | 57 | 548 | 163 | 219 | 122 | 56 | 221 | 101 | 223 | 102 | 110 | 50 | 236 | 108 |
| | Mar | 243 | 544 | 224 | 417 | 172 | 582 | 240 | 323 | 133 | 254 | 105 | 112 | 153 | 137 | 124 | 111 | 157 | 140 | 170 | 151 | 211 | 188 |
| | Apr | 245 | 315 | 128 | 173 | 71 | 96 | 39 | 234 | 96 | 210 | 86 | 97 | 110 | 113 | 36 | 37 | 3 | 3 | 99 | 102 | 78 | 81 |
| | May | 180 | 252 | 140 | 206 | 114 | 164 | 91 | 201 | 112 | 43 | 24 | 56 | 45 | 81 | 19 | 34 | 91 | 163 | 70 | 126 | 22 | 39 |
| | Jun | 123 | 114 | 93 | 73 | 59 | 203 | 165 | 93 | 75 | 76 | 62 | 33 | 21 | 63 | 6 | 18 | 101 | 304 | 14 | 42 | 17 | 51 |
| | Jul | 116 | 203 | 175 | 210 | 181 | 142 | 122 | 121 | 104 | 64 | 55 | 25 | 14 | 57 | 29 | 116 | 10 | 40 | 15 | 60 | 12 | 48 |
| | Aug | 114 | 214 | 188 | 229 | 201 | 278 | 244 | 105 | 92 | 87 | 76 | 26 | 24 | 93 | 29 | 112 | 51 | 196 | 17 | 65 | 43 | 165 |
| | Sep | 79 | 127 | 160 | 77 | 97 | 74 | 94 | 45 | 57 | 34 | 43 | 20 | 15 | 75 | 12 | 60 | 3 | 15 | 11 | 55 | 7 | 35 |
| | Oct | 74 | 326 | 440 | 45 | 61 | 103 | 139 | 31 | 42 | 152 | 205 | 18 | 195 | 1,081 | 1 | 5 | 1 | 6 | 17 | 94 | 39 | 217 |
| | Nov | 86 | 234 | 272 | 160 | 186 | 53 | 62 | 74 | 86 | 205 | 238 | 31 | 178 | 574 | 11 | 35 | 59 | 190 | 48 | 155 | 216 | 697 |
| Dec | 209 | 253 | 121 | 19 | 9 | 226 | 108 | 153 | 73 | 104 | 50 | 114 | 108 | 95 | 7 | 6 | 64 | 56 | 39 | 34 | 42 | 37 | |

Source: Mauritius Meteorological Services

Table 5.5 - Mean rainfall, 2009 - 2013 (Island of Mauritius) (cont'd)

| | | Millimetres | | | | | | | | | |
|---------------------|----------------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|
| Period | Long Term Mean (1971-2000) | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | |
| | | 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 | 2,790 | 2,965 | 106 | 2,154 | 77 | 2,227 | 80 | 2,354 | 84 | 2,903 | 104 |
| Jan | 354 | 387 | 108 | 314 | 89 | 374 | 106 | 107 | 30 | 348 | 98 |
| Feb | 464 | 348 | 75 | 435 | 94 | 346 | 74 | 347 | 75 | 546 | 118 |
| Mar | 337 | 441 | 131 | 238 | 71 | 384 | 114 | 448 | 133 | 557 | 165 |
| Apr | 293 | 250 | 85 | 144 | 49 | 53 | 18 | 364 | 124 | 337 | 115 |
| May | 210 | 234 | 111 | 155 | 74 | 114 | 54 | 287 | 137 | 86 | 41 |
| Jun | 163 | 109 | 67 | 97 | 60 | 159 | 98 | 124 | 76 | 110 | 68 |
| Jul | 181 | 205 | 113 | 256 | 141 | 110 | 61 | 148 | 82 | 103 | 57 |
| Aug | 192 | 166 | 87 | 234 | 122 | 204 | 106 | 115 | 60 | 160 | 83 |
| Sep | 126 | 87 | 70 | 97 | 77 | 71 | 56 | 87 | 69 | 61 | 48 |
| Oct | 102 | 296 | 290 | 70 | 69 | 69 | 68 | 93 | 91 | 175 | 172 |
| Nov | 105 | 201 | 192 | 95 | 90 | 113 | 108 | 86 | 82 | 294 | 280 |
| Dec | 263 | 241 | 92 | 19 | 7 | 230 | 87 | 148 | 56 | 126 | 48 |
| Whole Island | | | | | | | | | | | |
| Year | 2,011 | 2,390 | 119 | 1,806 | 90 | 1,945 | 97 | 1,609 | 80 | 2,049 | 102 |
| Jan | 261 | 259 | 99 | 318 | 122 | 304 | 116 | 89 | 34 | 246 | 94 |
| Feb | 336 | 281 | 84 | 374 | 111 | 330 | 98 | 224 | 67 | 463 | 138 |
| Mar | 242 | 352 | 145 | 271 | 112 | 373 | 154 | 329 | 136 | 338 | 139 |
| Apr | 226 | 233 | 105 | 138 | 61 | 58 | 26 | 238 | 105 | 208 | 92 |
| May | 159 | 178 | 112 | 120 | 75 | 114 | 72 | 179 | 113 | 52 | 33 |
| Jun | 115 | 96 | 84 | 60 | 52 | 151 | 132 | 74 | 65 | 72 | 63 |
| Jul | 120 | 147 | 122 | 160 | 133 | 93 | 78 | 106 | 88 | 66 | 55 |
| Aug | 122 | 130 | 107 | 156 | 128 | 172 | 141 | 76 | 62 | 102 | 84 |
| Sep | 81 | 73 | 90 | 60 | 74 | 44 | 54 | 51 | 63 | 38 | 47 |
| Oct | 70 | 245 | 350 | 45 | 64 | 51 | 73 | 47 | 67 | 132 | 189 |
| Nov | 80 | 184 | 230 | 89 | 111 | 71 | 89 | 70 | 88 | 227 | 284 |
| Dec | 199 | 212 | 107 | 15 | 8 | 184 | 92 | 126 | 63 | 105 | 53 |

Source: Mauritius Meteorological Services

Fig. 5.3 - Mean annual rainfall by region, Island of Mauritius, 2009-2013 (millimetres)

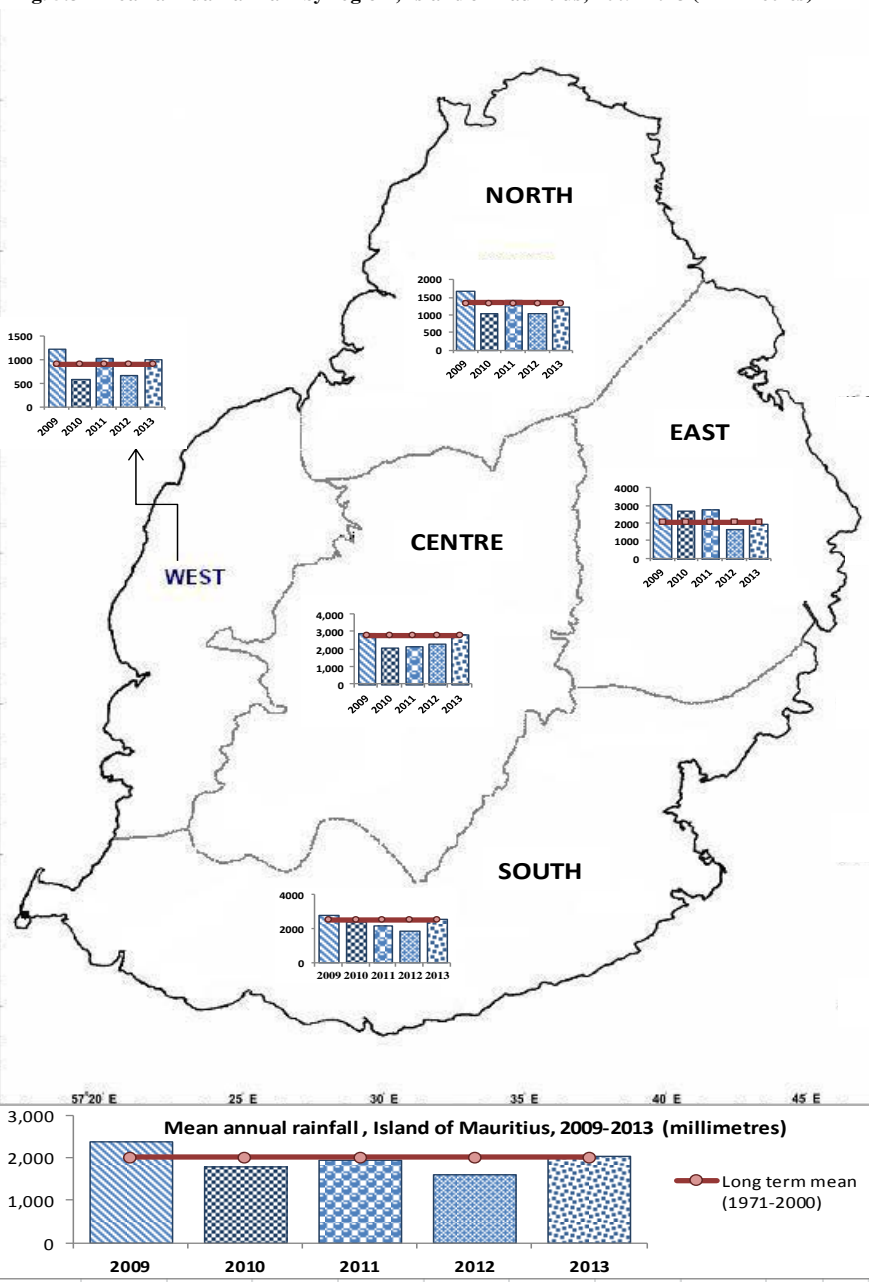


Table 5.6- Mean rainfall 2009 - 2013, Island of Rodrigues

Millimetres

| Period | Long Term Mean (1971-2000) | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | Long Term Mean (1971-2000) | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | |
|-------------|----------------------------|--------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|-----------|---------------------|------------------------------|--------------|---------------------|------------|---------------------|------------|---------------------|-----------|---------------------|-----------|---------------------|------------|
| | | 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 | | | | | | | | | | | |
| | | 1,312 | 1,132 | 86 | 1,547 | 118 | 1,038 | 79 | 1,121 | 85 | 1,051 | 80 | 947 | 823 | 87 | 1,188 | 125 | 842 | 89 | 853 | 90 | 870 | 92 |
| | Jan | 173 | 84 | 48 | 295 | 170 | 93 | 54 | 188 | 109 | 60 | 35 | 122 | 38 | 31 | 188 | 155 | 75 | 61 | 138 | 113 | 67 | 55 |
| | Feb | 220 | 129 | 59 | 221 | 100 | 112 | 51 | 228 | 103 | 252 | 114 | 168 | 125 | 74 | 224 | 133 | 133 | 79 | 208 | 124 | 197 | 117 |
| | Mar | 150 | 112 | 75 | 84 | 56 | 156 | 104 | 90 | 60 | 112 | 75 | 125 | 73 | 58 | 85 | 68 | 115 | 92 | 103 | 82 | 33 | 26 |
| | Apr | 132 | 93 | 70 | 217 | 164 | 57 | 43 | 59 | 45 | 59 | 45 | 100 | 89 | 89 | 231 | 231 | 48 | 48 | 55 | 55 | 137 | 137 |
| | May | 85 | 165 | 195 | 170 | 201 | 104 | 123 | 88 | 103 | 56 | 66 | 72 | 160 | 232 | 143 | 207 | 59 | 82 | 71 | 98 | 24 | 33 |
| | Jun | 96 | 94 | 98 | 102 | 106 | 86 | 90 | 24 | 24 | 50 | 52 | 62 | 55 | 89 | 47 | 76 | 65 | 105 | 21 | 34 | 36 | 58 |
| | Jul | 99 | 132 | 134 | 100 | 101 | 105 | 106 | 119 | 121 | 24 | 24 | 53 | 107 | 202 | 49 | 92 | 86 | 161 | 79 | 148 | 31 | 59 |
| | Aug | 79 | 106 | 134 | 95 | 120 | 111 | 139 | 56 | 70 | 115 | 145 | 46 | 45 | 98 | 56 | 122 | 82 | 179 | 31 | 68 | 112 | 244 |
| | Sep | 57 | 89 | 156 | 17 | 30 | 7 | 12 | 42 | 74 | 92 | 162 | 32 | 66 | 206 | 26 | 81 | 19 | 60 | 22 | 69 | 62 | 195 |
| | Oct | 53 | 40 | 76 | 100 | 190 | 82 | 155 | 12 | 22 | 116 | 221 | 32 | 17 | 53 | 29 | 91 | 50 | 156 | 14 | 44 | 63 | 198 |
| | Nov | 84 | 24 | 29 | 91 | 108 | 22 | 26 | 42 | 50 | 34 | 41 | 64 | 18 | 28 | 78 | 122 | 10 | 16 | 18 | 28 | 23 | 36 |
| Dec | 84 | 64 | 76 | 55 | 66 | 103 | 123 | 174 | 208 | 81 | 97 | 70 | 30 | 43 | 32 | 46 | 100 | 142 | 93 | 132 | 85 | 121 | |
| Year | Port Sud Est | | | | | | | | | | | Marechal^{1/} | | | | | | | | | | | |
| | | 1,022 | 1,220 | 119 | 1,250 | 122 | 1,137 | 111 | 832 | 81 | 717 | 70 | 1,320 | 1,353 | 103 | 1,294 | 98 | 1,002 | 76 | 899 | 68 | 1,519 | 115 |
| | Jan | 155 | 103 | 66 | 329 | 212 | 59 | 38 | 92 | 59 | 28 | 18 | 156 | 74 | 47 | 345 | 221 | 82 | 53 | 130 | 83 | 70 | 45 |
| | Feb | 206 | 217 | 105 | 243 | 118 | 209 | 101 | 330 | 160 | 123 | 60 | 213 | 187 | 88 | 276 | 130 | 176 | 82 | 168 | 79 | 405 | 190 |
| | Mar | 128 | 124 | 97 | 47 | 37 | 168 | 131 | 139 | 109 | 17 | 13 | 152 | 125 | 82 | 79 | 52 | 156 | 103 | 119 | 78 | 107 | 70 |
| | Apr | 110 | 107 | 97 | 175 | 159 | 68 | 62 | 47 | 43 | 163 | 148 | 152 | 76 | 50 | 219 | 144 | 24 | 16 | 55 | 36 | 329 | 216 |
| | May | 59 | 145 | 246 | 137 | 232 | 178 | 302 | 51 | 86 | 48 | 81 | 99 | 200 | 202 | 147 | 148 | 67 | 68 | 61 | 62 | 22 | 22 |
| | Jun | 67 | 121 | 181 | 75 | 112 | 76 | 114 | 14 | 20 | 23 | 34 | 96 | 109 | 114 | 45 | 47 | 96 | 100 | 22 | 23 | 48 | 50 |
| | Jul | 57 | 144 | 253 | 50 | 88 | 56 | 98 | 42 | 73 | 20 | 35 | 92 | 232 | 252 | 0 | 0 | 147 | 159 | 127 | 138 | 56 | 61 |
| | Aug | 56 | 67 | 120 | 78 | 139 | 84 | 150 | 26 | 46 | 100 | 179 | 80 | 107 | 134 | 0 | 0 | 57 | 71 | 48 | 59 | 189 | 236 |
| | Sep | 34 | 70 | 206 | 11 | 32 | 10 | 30 | 14 | 41 | 55 | 162 | 53 | 104 | 196 | 0 | 0 | 26 | 49 | 29 | 55 | 82 | 155 |
| | Oct | 35 | 32 | 91 | 44 | 126 | 96 | 273 | 7 | 19 | 67 | 192 | 55 | 36 | 65 | 92 | 167 | 51 | 92 | 0 | 0 | 101 | 184 |
| | Nov | 50 | 29 | 58 | 43 | 86 | 20 | 40 | 2 | 5 | 19 | 39 | 89 | 43 | 48 | 70 | 79 | 24 | 27 | 9 | 10 | 20 | 23 |
| Dec | 65 | 61 | 94 | 18 | 28 | 113 | 174 | 70 | 107 | 53 | 82 | 83 | 60 | 72 | 21 | 25 | 96 | 116 | 131 | 158 | 90 | 108 | |

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall 2009 - 2013, *Island of Rodrigues (cont'd)*

Millimetres

| Period | Long Term Mean | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | Long Term Mean | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | | |
|--------|----------------|-------------------|---------------------|-----------|---------------------|------------|---------------------|-----------|---------------------|-----------|---------------------|----------------|--------------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|-----------|---------------------|-----------------------------------|--|
| | | 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 | (1971-2000) | Solitude | | | | | | | | | | (1981-2000) | Mourouk | | | | | | | | | | Station temporarily closed | |
| | | 1,475 | 1,145 | 78 | 1,357 | 92 | 1,165 | 79 | 1,082 | 73 | 1,270 | 86 | 1,029 | 1,175 | 114 | 1,420 | 138 | 1,229 | 119 | 931 | 90 | | | |
| | Jan | 160 | 79 | 294 | 199 | 124 | 103 | 64 | 130 | 81 | 80 | 50 | 160 | 112 | 70 | 399 | 249 | 67 | 42 | 86 | 54 | | | |
| | Feb | 268 | 160 | 121 | 209 | 78 | 133 | 50 | 260 | 97 | 260 | 97 | 181 | 219 | 121 | 244 | 135 | 218 | 120 | 370 | 204 | | | |
| | Mar | 165 | 122 | 38 | 104 | 63 | 139 | 84 | 105 | 63 | 118 | 71 | 142 | 119 | 84 | 54 | 38 | 207 | 145 | 125 | 88 | | | |
| | Apr | 151 | 98 | 384 | 238 | 158 | 49 | 32 | 59 | 39 | 196 | 130 | 137 | 139 | 101 | 200 | 146 | 79 | 57 | 53 | 39 | | | |
| | May | 100 | 144 | 183 | 151 | 151 | 132 | 132 | 97 | 97 | 47 | 47 | 61 | 109 | 179 | 151 | 248 | 154 | 251 | 54 | 89 | | | |
| | Jun | 101 | 96 | 54 | 68 | 67 | 89 | 88 | 14 | 14 | 43 | 43 | 59 | 107 | 181 | 83 | 141 | 73 | 124 | 24 | 40 | | | |
| | Jul | 114 | 149 | 43 | 90 | 79 | 122 | 106 | 115 | 100 | 9 | 8 | 60 | 126 | 210 | 69 | 115 | 101 | 168 | 66 | 110 | | | |
| | Aug | 93 | 76 | 90 | 88 | 95 | 129 | 139 | 0 | 0 | 118 | 127 | 50 | 50 | 100 | 85 | 170 | 92 | 182 | 42 | 83 | | | |
| | Sep | 65 | 84 | 104 | 14 | 22 | 5 | 8 | 39 | 61 | 101 | 156 | 31 | 70 | 226 | 11 | 35 | 5 | 16 | 24 | 78 | | | |
| | Oct | 62 | 45 | 28 | 93 | 150 | 94 | 152 | 0 | 0 | 142 | 230 | 35 | 31 | 89 | 53 | 151 | 86 | 243 | 7 | 18 | | | |
| | Nov | 93 | 35 | 83 | 72 | 78 | 19 | 20 | 50 | 54 | 71 | 77 | 59 | 35 | 59 | 50 | 85 | 12 | 20 | 7 | 12 | | | |
| Dec | 103 | 57 | 755 | 31 | 30 | 151 | 146 | 213 | 207 | 86 | 83 | 53 | 58 | 109 | 21 | 40 | 135 | 255 | 74 | 140 | | | | |
| Year | (1982-2000) | Citronelle | | | | | | | | | | (1993-2000) | Baie Topaze | | | | | | | | | | | |
| | | 1,532 | 1,338 | 87 | 1,700 | 111 | 1,343 | 88 | 1,283 | 84 | 1,433 | 94 | 1,123 | 787 | 70 | 996 | 89 | 953 | 85 | 874 | 78 | 1,177 | 105 | |
| | Jan | 183 | 125 | 68 | 289 | 158 | 122 | 66 | 282 | 154 | 79 | 43 | 173 | 44 | 25 | 191 | 110 | 71 | 41 | 129 | 75 | 48 | 28 | |
| | Feb | 236 | 200 | 85 | 248 | 105 | 161 | 68 | 215 | 91 | 261 | 111 | 192 | 74 | 39 | 168 | 88 | 138 | 72 | 191 | 99 | 344 | 179 | |
| | Mar | 171 | 143 | 84 | 120 | 70 | 171 | 100 | 109 | 64 | 128 | 75 | 153 | 50 | 33 | 72 | 47 | 142 | 93 | 112 | 73 | 52 | 34 | |
| | Apr | 170 | 114 | 67 | 247 | 145 | 62 | 37 | 82 | 48 | 196 | 115 | 114 | 76 | 67 | 184 | 161 | 48 | 42 | 59 | 52 | 229 | 201 | |
| | May | 99 | 173 | 175 | 143 | 144 | 129 | 131 | 120 | 121 | 57 | 58 | 61 | 155 | 254 | 138 | 226 | 57 | 93 | 61 | 100 | 29 | 48 | |
| | Jun | 104 | 16 | 15 | 82 | 79 | 103 | 99 | 25 | 24 | 64 | 61 | 79 | 65 | 82 | 0 | 0 | 81 | 102 | 33 | 42 | 45 | 57 | |
| | Jul | 118 | 186 | 158 | 131 | 111 | 189 | 160 | 143 | 121 | 28 | 24 | 61 | 114 | 187 | 61 | 100 | 91 | 149 | 91 | 150 | 37 | 61 | |
| | Aug | 103 | 116 | 113 | 95 | 92 | 105 | 102 | 62 | 60 | 154 | 149 | 66 | 64 | 97 | 50 | 76 | 86 | 130 | 52 | 79 | 137 | 207 | |
| | Sep | 75 | 98 | 131 | 24 | 32 | 6 | 7 | 0 | 0 | 132 | 175 | 39 | 70 | 179 | 9 | 23 | 26 | 65 | 30 | 77 | 62 | 159 | |
| | Oct | 76 | 52 | 68 | 146 | 192 | 127 | 168 | 0 | 0 | 179 | 237 | 49 | 21 | 43 | 40 | 82 | 69 | 141 | 11 | 23 | 87 | 177 | |
| | Nov | 115 | 47 | 41 | 128 | 111 | 23 | 20 | 52 | 45 | 44 | 38 | 81 | 14 | 17 | 63 | 78 | 23 | 28 | 19 | 24 | 34 | 41 | |
| Dec | 82 | 68 | 83 | 47 | 57 | 145 | 176 | 194 | 235 | 112 | 136 | 55 | 40 | 73 | 20 | 36 | 121 | 220 | 85 | 154 | 73 | 133 | | |

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall 2009 - 2013, Island of Rodrigues (cont'd)

Millimetres

| Period | Long Term Mean (1971-2000) | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | |
|-------------|----------------------------|------------|---------------------|--------------|---------------------|------------|---------------------|--------------|---------------------|------------|---------------------|
| | | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean | Mean | % of Long Term Mean |
| Year | 1,105 | 948 | 86 | 1,142 | 103 | 834 | 76 | 1,040 | 94 | 980 | 89 |
| Jan | 150 | 69 | 46 | 208 | 139 | 90 | 60 | 213 | 142 | 70 | 47 |
| Feb | 185 | 130 | 70 | 169 | 91 | 85 | 46 | 227 | 123 | 218 | 118 |
| Mar | 131 | 103 | 79 | 69 | 53 | 109 | 83 | 86 | 66 | 90 | 68 |
| Apr | 117 | 82 | 70 | 214 | 183 | 43 | 37 | 50 | 43 | 144 | 123 |
| May | 78 | 122 | 156 | 144 | 185 | 73 | 93 | 79 | 101 | 40 | 51 |
| Jun | 78 | 87 | 112 | 46 | 59 | 69 | 89 | 21 | 27 | 44 | 57 |
| Jul | 81 | 106 | 131 | 76 | 94 | 65 | 80 | 105 | 130 | 13 | 16 |
| Aug | 59 | 75 | 127 | 67 | 114 | 99 | 167 | 37 | 62 | 93 | 158 |
| Sep | 44 | 65 | 148 | 16 | 36 | 9 | 21 | 41 | 94 | 68 | 154 |
| Oct | 41 | 32 | 78 | 46 | 112 | 71 | 174 | 11 | 27 | 90 | 218 |
| Nov | 70 | 32 | 45 | 50 | 70 | 18 | 26 | 34 | 49 | 30 | 43 |
| Dec | 71 | 45 | 64 | 37 | 53 | 103 | 145 | 137 | 193 | 80 | 113 |

Source: Mauritius Meteorological Services

Fig. 5.4 - Mean annual rainfall by region, Island of Rodrigues, 2009-2013

Millimetres

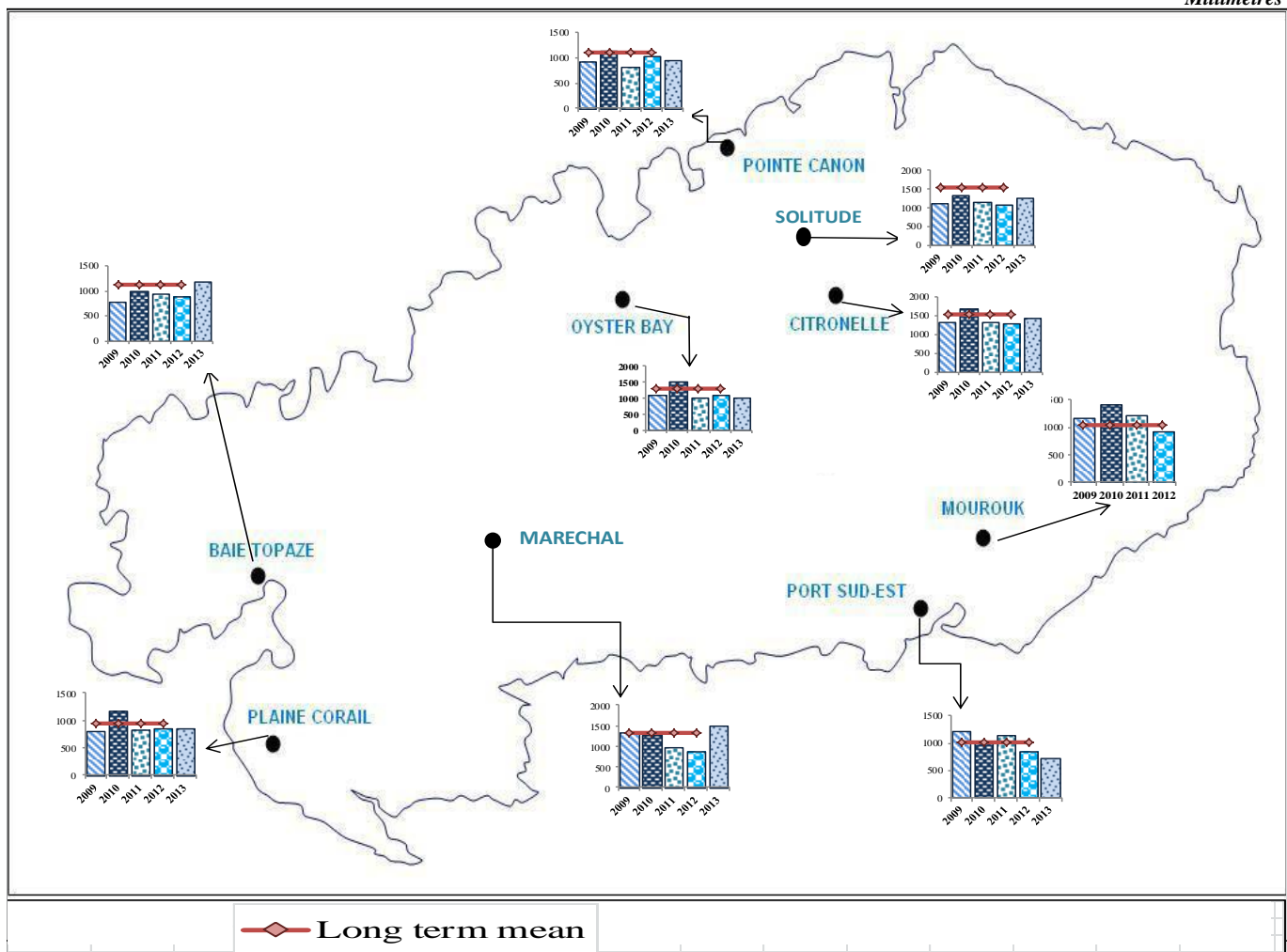


Table 5.7- Percentage of water level by month and reservoir, 2009 - 2013 (Island of Mauritius)

| Period | Average for 1990-1999 (%) | 2009 | | | 2010 | | | 2011 | | | 2012 | | | 2013 | | |
|--|---------------------------|------------|------------|------------|------------|-----------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|
| | | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) |
| Mare aux Vacoas (Capacity 25.89 Mm³) | | | | | | | | | | | | | | | | |
| Jan | 60 | 67 | 64 | 69 | 72 | 69 | 77 | 37 | 34 | 41 | 25 | 24 | 27 | 61 | 52 | 64 |
| Feb | 65 | 69 | 65 | 71 | 88 | 76 | 98 | 41 | 37 | 44 | 27 | 23 | 30 | 73 | 63 | 85 |
| Mar | 80 | 76 | 70 | 81 | 96 | 95 | 97 | 46 | 42 | 49 | 38 | 33 | 49 | 92 | 85 | 99 |
| Apr | 83 | 82 | 78 | 86 | 94 | 91 | 96 | 46 | 42 | 49 | 62 | 51 | 76 | 100 | 99 | 100 |
| May | 83 | 88 | 84 | 93 | 86 | 83 | 91 | 39 | 36 | 42 | 86 | 77 | 90 | 95 | 91 | 99 |
| Jun | 81 | 89 | 86 | 92 | 78 | 74 | 83 | 34 | 33 | 35 | 89 | 87 | 90 | 87 | 84 | 90 |
| Jul | 79 | 85 | 83 | 88 | 75 | 74 | 77 | 32 | 31 | 33 | 86 | 85 | 88 | 79 | 76 | 84 |
| Aug | 80 | 90 | 88 | 91 | 79 | 78 | 82 | 35 | 31 | 36 | 83 | 81 | 85 | 75 | 72 | 76 |
| Sep | 78 | 84 | 79 | 89 | 80 | 75 | 83 | 35 | 33 | 36 | 78 | 76 | 81 | 68 | 64 | 72 |
| Oct | 72 | 75 | 70 | 79 | 72 | 67 | 76 | 32 | 30 | 33 | 72 | 68 | 75 | 60 | 55 | 64 |
| Nov | 63 | 78 | 76 | 80 | 60 | 55 | 67 | 28 | 26 | 30 | 64 | 60 | 68 | 57 | 55 | 62 |
| Dec | 58 | 72 | 66 | 76 | 48 | 41 | 55 | 27 | 26 | 27 | 55 | 52 | 59 | 59 | 56 | 62 |
| La Nicoliere (Capacity 5.26 Mm³) | | | | | | | | | | | | | | | | |
| Jan | 63 | 98 | 89 | 100 | 91 | 70 | 100 | 56 | 48 | 78 | 75 | 56 | 87 | 51 | 44 | 56 |
| Feb | 75 | 100 | 99 | 100 | 97 | 86 | 100 | 95 | 81 | 100 | 64 | 44 | 78 | 80 | 53 | 100 |
| Mar | 91 | 100 | 100 | 100 | 94 | 87 | 99 | 98 | 91 | 100 | 97 | 81 | 100 | 100 | 100 | 100 |
| Apr | 92 | 100 | 100 | 100 | 90 | 84 | 93 | 99 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| May | 95 | 100 | 98 | 100 | 86 | 78 | 93 | 70 | 49 | 87 | 100 | 100 | 100 | 92 | 72 | 100 |
| Jun | 94 | 97 | 92 | 100 | 77 | 68 | 90 | 53 | 39 | 72 | 100 | 98 | 100 | 50 | 41 | 70 |
| Jul | 93 | 74 | 64 | 91 | 84 | 73 | 100 | 76 | 73 | 81 | 97 | 89 | 100 | 58 | 56 | 59 |
| Aug | 94 | 99 | 89 | 100 | 82 | 68 | 100 | 92 | 73 | 100 | 94 | 80 | 100 | 65 | 58 | 72 |
| Sep | 89 | 94 | 77 | 100 | 81 | 68 | 97 | 89 | 66 | 100 | 55 | 42 | 78 | 75 | 71 | 77 |
| Oct | 69 | 73 | 64 | 96 | 70 | 67 | 73 | 59 | 49 | 63 | 61 | 55 | 64 | 57 | 39 | 71 |
| Nov | 46 | 98 | 89 | 100 | 78 | 70 | 87 | 65 | 62 | 67 | 57 | 39 | 63 | 45 | 39 | 54 |
| Dec | 39 | 70 | 59 | 93 | 70 | 53 | 85 | 73 | 66 | 84 | 41 | 39 | 44 | 62 | 57 | 66 |
| Piton du Milieu (Capacity 2.99 Mm³) | | | | | | | | | | | | | | | | |
| Jan | 64 | 94 | 76 | 100 | 95 | 89 | 100 | 34 | 30 | 43 | 70 | 66 | 73 | 48 | 27 | 61 |
| Feb | 72 | 100 | 99 | 100 | 100 | 98 | 100 | 69 | 44 | 98 | 81 | 64 | 100 | 84 | 61 | 100 |
| Mar | 88 | 99 | 99 | 100 | 99 | 99 | 100 | 99 | 99 | 100 | 99 | 97 | 100 | 99 | 98 | 100 |
| Apr | 89 | 99 | 99 | 100 | 96 | 93 | 99 | 95 | 88 | 99 | 100 | 99 | 100 | 100 | 98 | 100 |
| May | 91 | 98 | 97 | 100 | 90 | 87 | 94 | 82 | 76 | 88 | 99 | 98 | 100 | 95 | 89 | 99 |
| Jun | 86 | 94 | 89 | 98 | 82 | 75 | 88 | 74 | 72 | 76 | 97 | 94 | 99 | 84 | 82 | 89 |
| Jul | 83 | 85 | 81 | 89 | 74 | 72 | 77 | 72 | 71 | 74 | 95 | 93 | 97 | 79 | 75 | 83 |
| Aug | 83 | 97 | 90 | 99 | 85 | 78 | 97 | 85 | 73 | 92 | 88 | 82 | 93 | 71 | 69 | 74 |
| Sep | 81 | 93 | 85 | 98 | 96 | 90 | 99 | 90 | 87 | 92 | 75 | 68 | 82 | 68 | 64 | 70 |
| Oct | 73 | 79 | 73 | 85 | 82 | 72 | 90 | 83 | 77 | 86 | 60 | 51 | 68 | 58 | 51 | 64 |
| Nov | 60 | 90 | 85 | 94 | 62 | 54 | 71 | 70 | 63 | 77 | 43 | 37 | 51 | 53 | 50 | 60 |
| Dec | 57 | 88 | 81 | 93 | 45 | 37 | 54 | 65 | 57 | 70 | 31 | 26 | 37 | 61 | 56 | 64 |

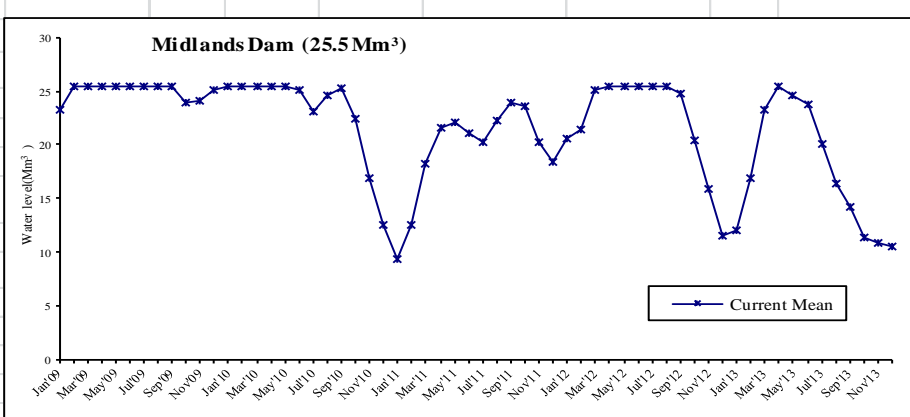
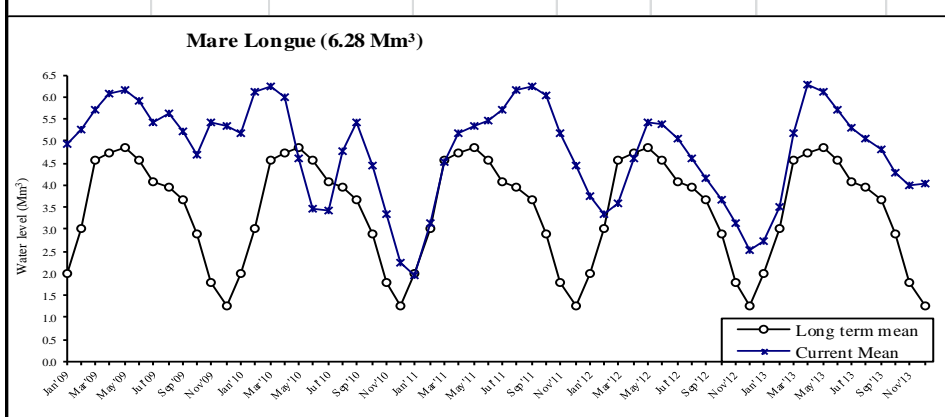
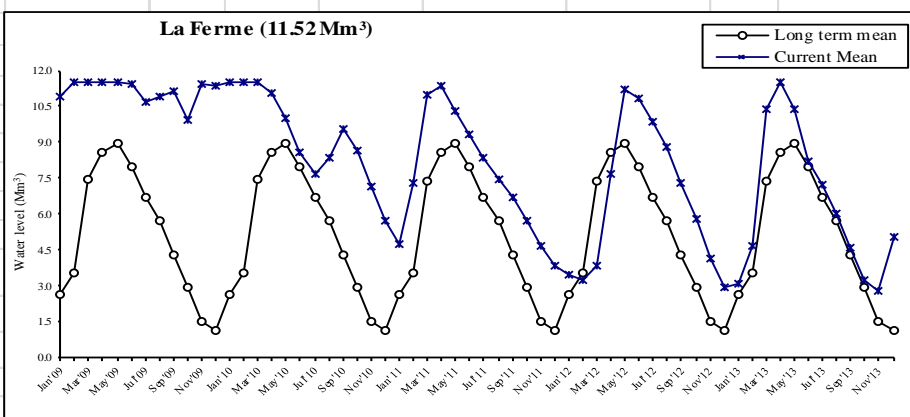
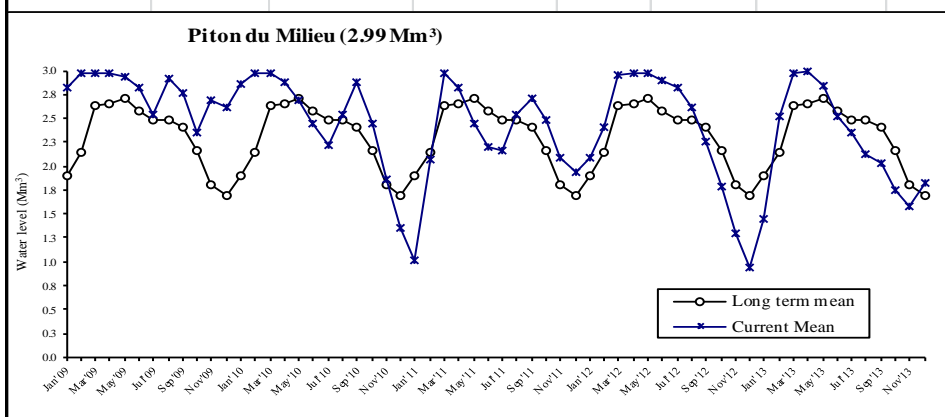
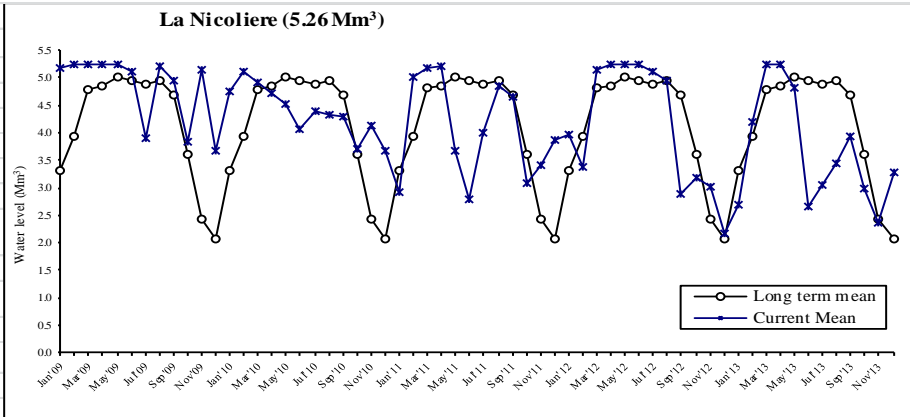
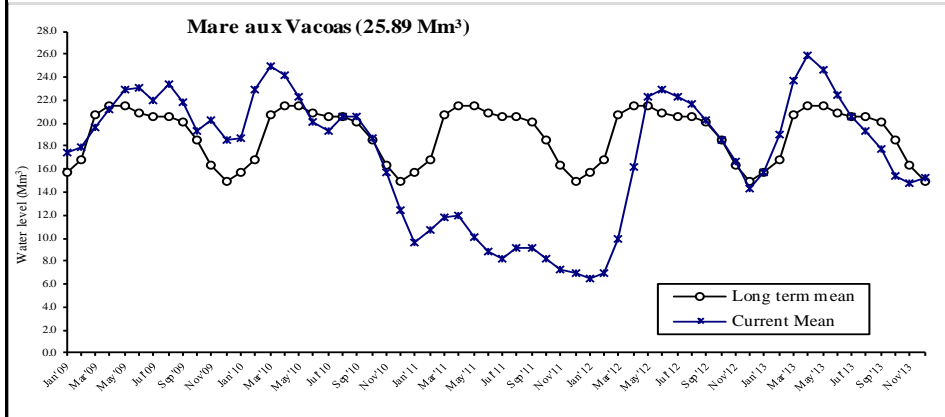
Source : Water Resources Unit, Ministry of Public Utilities

Table 5.7 - Percentage of water level by month and reservoir, 2009 - 2013 (Island of Mauritius) (cont'd)

| Period | Average for 1990-1999 (%) | 2009 | | | 2010 | | | 2011 | | | 2012 | | | 2013 | | |
|---|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) | Mean (%) | Min. (%) | Max. (%) |
| La Ferme (Capacity 11.52 Mm³) | | | | | | | | | | | | | | | | |
| Jan | 23 | 94 | 81 | 100 | 100 | 98 | 100 | 41 | 38 | 47 | 30 | 27 | 32 | 26 | 21 | 28 |
| Feb | 30 | 100 | 100 | 100 | 100 | 100 | 100 | 64 | 49 | 82 | 28 | 26 | 29 | 40 | 27 | 68 |
| Mar | 64 | 100 | 100 | 100 | 100 | 99 | 100 | 95 | 83 | 100 | 33 | 30 | 42 | 90 | 69 | 100 |
| Apr | 75 | 100 | 100 | 100 | 96 | 93 | 100 | 98 | 93 | 100 | 67 | 44 | 86 | 100 | 99 | 100 |
| May | 77 | 100 | 100 | 100 | 87 | 81 | 92 | 90 | 83 | 94 | 97 | 87 | 100 | 90 | 79 | 99 |
| Jun | 69 | 99 | 98 | 100 | 75 | 69 | 81 | 81 | 79 | 83 | 94 | 91 | 99 | 71 | 68 | 78 |
| Jul | 58 | 93 | 89 | 97 | 67 | 66 | 69 | 72 | 66 | 79 | 85 | 81 | 91 | 63 | 56 | 68 |
| Aug | 49 | 95 | 90 | 99 | 72 | 68 | 81 | 64 | 61 | 66 | 76 | 70 | 81 | 52 | 47 | 56 |
| Sep | 37 | 96 | 93 | 99 | 83 | 81 | 84 | 58 | 54 | 61 | 63 | 57 | 70 | 40 | 33 | 46 |
| Oct | 25 | 86 | 81 | 92 | 75 | 68 | 81 | 49 | 45 | 54 | 50 | 42 | 57 | 28 | 22 | 33 |
| Nov | 13 | 99 | 90 | 100 | 62 | 57 | 68 | 40 | 36 | 45 | 36 | 31 | 42 | 24 | 21 | 35 |
| Dec | 10 | 99 | 94 | 100 | 50 | 43 | 56 | 33 | 31 | 36 | 25 | 21 | 30 | 44 | 37 | 46 |
| Mare Longue (Capacity 6.28 Mm³) | | | | | | | | | | | | | | | | |
| Jan | 32 | 78 | 77 | 79 | 83 | 79 | 90 | 31 | 29 | 38 | 60 | 54 | 66 | 43 | 36 | 47 |
| Feb | 48 | 84 | 77 | 88 | 97 | 91 | 100 | 50 | 38 | 62 | 53 | 50 | 55 | 56 | 46 | 69 |
| Mar | 73 | 91 | 86 | 97 | 100 | 99 | 100 | 72 | 62 | 80 | 57 | 54 | 63 | 82 | 70 | 95 |
| Apr | 75 | 97 | 94 | 100 | 95 | 86 | 100 | 82 | 81 | 83 | 73 | 65 | 82 | 100 | 99 | 100 |
| May | 77 | 98 | 96 | 99 | 73 | 64 | 85 | 85 | 83 | 86 | 86 | 83 | 89 | 98 | 94 | 99 |
| Jun | 73 | 94 | 89 | 99 | 55 | 51 | 63 | 87 | 85 | 90 | 85 | 84 | 88 | 91 | 89 | 94 |
| Jul | 65 | 86 | 84 | 89 | 55 | 50 | 65 | 91 | 89 | 92 | 81 | 77 | 83 | 84 | 81 | 89 |
| Aug | 63 | 89 | 88 | 91 | 76 | 66 | 86 | 98 | 93 | 100 | 74 | 70 | 77 | 80 | 79 | 81 |
| Sep | 58 | 83 | 78 | 87 | 86 | 77 | 91 | 99 | 98 | 99 | 66 | 63 | 70 | 77 | 72 | 80 |
| Oct | 46 | 74 | 69 | 81 | 71 | 63 | 76 | 96 | 90 | 98 | 59 | 54 | 63 | 68 | 63 | 72 |
| Nov | 28 | 86 | 82 | 89 | 53 | 45 | 62 | 82 | 75 | 89 | 50 | 46 | 54 | 64 | 62 | 66 |
| Dec | 20 | 85 | 74 | 92 | 36 | 29 | 44 | 71 | 66 | 76 | 40 | 36 | 45 | 64 | 62 | 67 |
| All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³) | | | | | | | | | | | | | | | | |
| Jan | 49 | 79 | 73 | 82 | 83 | 79 | 87 | 39 | 36 | 44 | 38 | 34 | 41 | 49 | 41 | 53 |
| Feb | 56 | 83 | 80 | 84 | 94 | 87 | 98 | 54 | 45 | 63 | 37 | 32 | 42 | 65 | 52 | 82 |
| Mar | 77 | 87 | 83 | 90 | 97 | 96 | 98 | 68 | 62 | 72 | 49 | 44 | 57 | 91 | 82 | 99 |
| Apr | 82 | 91 | 88 | 93 | 94 | 91 | 97 | 70 | 66 | 72 | 71 | 59 | 83 | 100 | 99 | 100 |
| May | 83 | 94 | 91 | 97 | 85 | 80 | 91 | 61 | 56 | 65 | 91 | 84 | 94 | 94 | 87 | 99 |
| Jun | 79 | 93 | 90 | 96 | 75 | 70 | 81 | 55 | 52 | 56 | 91 | 90 | 93 | 80 | 78 | 86 |
| Jul | 75 | 86 | 83 | 89 | 71 | 70 | 76 | 55 | 53 | 56 | 87 | 85 | 90 | 74 | 71 | 78 |
| Aug | 73 | 92 | 89 | 93 | 78 | 74 | 84 | 58 | 53 | 60 | 82 | 77 | 85 | 69 | 67 | 71 |
| Sep | 68 | 88 | 82 | 92 | 82 | 77 | 86 | 56 | 52 | 59 | 71 | 67 | 77 | 64 | 59 | 67 |
| Oct | 58 | 77 | 72 | 83 | 73 | 67 | 77 | 49 | 47 | 52 | 64 | 59 | 67 | 53 | 47 | 59 |
| Nov | 46 | 87 | 84 | 88 | 62 | 57 | 67 | 43 | 40 | 46 | 54 | 48 | 59 | 49 | 47 | 55 |
| Dec | 41 | 80 | 74 | 86 | 49 | 41 | 57 | 40 | 39 | 41 | 44 | 41 | 48 | 57 | 54 | 58 |
| Midlands Dam (Capacity 25.5 Mm³) | | | | | | | | | | | | | | | | |
| Jan | Impounding of reservoir started on 13 September 2002 | 91 | 81 | 98 | 100 | 100 | 100 | 37 | 33 | 41 | 80 | 79 | 82 | 47 | 37 | 52 |
| Feb | | 100 | 99 | 100 | 100 | 100 | 100 | 49 | 39 | 59 | 84 | 80 | 90 | 66 | 53 | 81 |
| Mar | | 100 | 100 | 100 | 100 | 100 | 100 | 72 | 59 | 82 | 99 | 92 | 100 | 91 | 81 | 100 |
| Apr | | 100 | 100 | 100 | 100 | 100 | 100 | 84 | 82 | 86 | 100 | 100 | 100 | 100 | 97 | 100 |
| May | | 100 | 100 | 100 | 100 | 100 | 100 | 87 | 86 | 88 | 100 | 100 | 100 | 97 | 96 | 98 |
| Jun | | 100 | 100 | 100 | 98 | 95 | 100 | 83 | 81 | 86 | 100 | 99 | 100 | 93 | 88 | 97 |
| Jul | | 100 | 99 | 100 | 91 | 88 | 94 | 79 | 79 | 81 | 100 | 99 | 100 | 79 | 71 | 87 |
| Aug | | 100 | 100 | 100 | 96 | 91 | 100 | 87 | 80 | 92 | 100 | 100 | 100 | 64 | 59 | 70 |
| Sep | | 100 | 100 | 100 | 99 | 96 | 100 | 94 | 92 | 95 | 97 | 91 | 100 | 55 | 50 | 59 |
| Oct | | 94 | 89 | 100 | 88 | 78 | 96 | 93 | 88 | 96 | 80 | 71 | 90 | 45 | 40 | 50 |
| Nov | | 95 | 92 | 97 | 67 | 57 | 78 | 80 | 72 | 87 | 62 | 56 | 70 | 42 | 41 | 44 |
| Dec | | 98 | 95 | 100 | 49 | 41 | 57 | 72 | 66 | 78 | 45 | 37 | 55 | 41 | 38 | 44 |

Source : Water Resources Unit, Ministry of Public Utilities

Fig. 5.5 - Water level in each reservoir, 2009 - 2013 (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, 2009 - 2013 (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 | | | | | | | | | | | | | | | | | | | | | | | |
| 2009 | 42.4 | 6.3 | 48.9 | - | 30.5 | 30.5 | 21.7 | 12.6 | 34.3 | 25.0 | 25.7 | 50.7 | 9.7 | 16.0 | 25.7 | 10.2 | 19.3 | 29.5 | 109.2 | 110.4 | 219.6 | 50% | 50% | |
| Jan | 3.6 | 0.6 | 4.4 | - | 2.7 | 2.7 | 1.7 | 1.1 | 2.8 | 2.1 | 2.1 | 4.2 | 0.8 | 1.4 | 2.2 | 0.8 | 1.5 | 2.3 | 9.2 | 9.4 | 18.6 | 49% | 51% | |
| Feb | 3.4 | 0.5 | 3.9 | - | 2.3 | 2.3 | 1.7 | 1.0 | 2.7 | 1.9 | 1.9 | 3.8 | 0.8 | 1.2 | 2.0 | 0.8 | 1.4 | 2.2 | 8.6 | 8.3 | 16.9 | 51% | 49% | |
| Mar | 3.8 | 0.6 | 4.4 | - | 2.6 | 2.6 | 1.8 | 1.1 | 2.9 | 2.1 | 2.2 | 4.3 | 0.8 | 1.4 | 2.2 | 0.8 | 1.6 | 2.4 | 9.3 | 9.5 | 18.8 | 49% | 51% | |
| Apr | 3.7 | 0.5 | 4.2 | - | 2.5 | 2.5 | 1.9 | 1.1 | 3.0 | 2.1 | 2.2 | 4.3 | 0.8 | 1.3 | 2.1 | 0.8 | 1.5 | 2.3 | 9.3 | 9.1 | 18.4 | 51% | 49% | |
| May | 3.5 | 0.6 | 4.1 | - | 2.6 | 2.6 | 1.9 | 1.0 | 2.9 | 2.2 | 2.3 | 4.5 | 0.9 | 1.4 | 2.3 | 0.9 | 1.6 | 2.5 | 9.4 | 9.5 | 18.9 | 50% | 50% | |
| Jun | 3.4 | 0.5 | 3.9 | - | 2.6 | 2.6 | 1.7 | 0.9 | 2.6 | 2.1 | 2.2 | 4.3 | 0.8 | 1.3 | 2.1 | 0.8 | 1.6 | 2.4 | 8.8 | 9.1 | 17.9 | 49% | 51% | |
| Jul | 3.6 | 0.5 | 4.1 | - | 2.5 | 2.5 | 1.8 | 1.0 | 2.8 | 2.1 | 2.2 | 4.3 | 0.8 | 1.4 | 2.2 | 0.8 | 1.6 | 2.4 | 9.1 | 9.2 | 18.3 | 50% | 50% | |
| Aug | 3.6 | 0.5 | 4.1 | - | 2.6 | 2.6 | 1.9 | 1.0 | 2.9 | 2.1 | 2.3 | 4.4 | 0.8 | 1.4 | 2.2 | 0.9 | 1.7 | 2.6 | 9.3 | 9.5 | 18.8 | 49% | 51% | |
| Sep | 3.5 | 0.5 | 4.0 | - | 2.5 | 2.5 | 1.8 | 0.9 | 2.7 | 2.0 | 2.1 | 4.1 | 0.8 | 1.2 | 2.0 | 0.9 | 1.7 | 2.6 | 9.0 | 8.9 | 17.9 | 50% | 50% | |
| Oct | 3.4 | 0.5 | 3.9 | - | 2.5 | 2.5 | 1.9 | 1.0 | 2.9 | 2.1 | 2.1 | 4.2 | 0.8 | 1.3 | 2.1 | 0.9 | 1.7 | 2.6 | 9.1 | 9.1 | 18.2 | 50% | 50% | |
| Nov | 3.3 | 0.5 | 3.8 | - | 2.5 | 2.5 | 1.8 | 1.3 | 3.1 | 2.0 | 2.0 | 4.0 | 0.8 | 1.3 | 2.1 | 0.9 | 1.7 | 2.6 | 8.8 | 9.3 | 18.1 | 49% | 51% | |
| Dec | 3.6 | 0.5 | 4.1 | - | 2.6 | 2.6 | 1.8 | 1.2 | 3.0 | 2.2 | 2.1 | 4.3 | 0.8 | 1.4 | 2.2 | 0.9 | 1.7 | 2.6 | 9.3 | 9.5 | 18.8 | 49% | 51% | |
| 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% | |

Source: Central Water Authority

Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2009 - 2013 (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 | Total |
| | Mm ³ | | | | | | | | | | | | | | | | | | | | | | | Surface |
| 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% | |
| 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% | |

Source: Central Water Authority

Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2009 - 2013 (Island of Mauritius) (cont'd)

| Month | Mare Aux Vacoas (Upper) | | | Mare Aux Vacoas (Lower) | | | Port -Louis | | | District water supply - North | | | District water supply - South | | | District water supply - East | | | Total production | | | | | |
|-------------|-------------------------|------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------------------------|-------------|-------------|-------------------------------|-------------|-------------|------------------------------|-------------|-------------|------------------|--------------|--------------|------------|------------|----------|
| | Surface | Borehole | Total | Surface | Borehole | Total | Surface | Borehole | Total | Surface | Borehole | Total | Surface | Borehole | Total | Surface | Borehole | Total | Surface | Borehole | Total | Surface | Borehole | |
| | Mm³ | | | | | | | | | | | | | | | | | | | | | | Surface | Borehole |
| 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

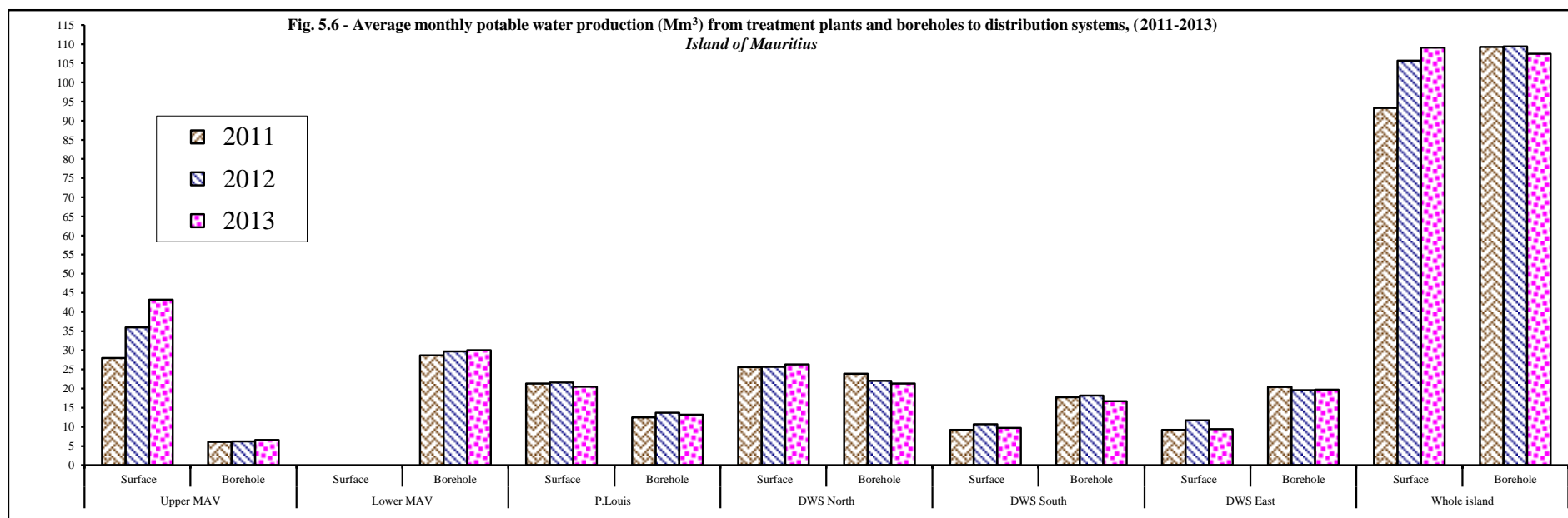


Table 5.9 - Water sales by tariff of subscriber, 2007 - 2011 (Island of Mauritius)

| Type of tariff | 2007 | 2008 | 2009 | 2010 | 2011 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|-----------------------------|----------------|----------------|------------------|----------------|--|----------------|----------------|----------------|----------------|
| | No. of subscribers | | | | | Volume sold (thousand m ³) | | | | |
| Domestic | 278,625 | 284,592 | 292,294 | 299,300 | 305,121 | 73,007 | 72,093 | 75,119 | 76,521 | 73,657 |
| Government | 3,879 | 4,053 | 4,184 | 4,224 | 4,288 | 4,686 | 4,788 | 4,956 | 4,887 | 4,444 |
| Acquired / concessionary prizes | 43 | 44 | 43 | 39 | 39 | 16 | 15 | 14 | 14 | 15 |
| Commercial | 11,260 | 11,855 | 12,822 | 13,308 | 13,696 | 6,743 | 7,086 | 7,543 | 7,973 | 7,423 |
| Hotels, Guest Houses | 224 | 264 | 280 | 297 | 307 | 4,429 | 4,595 | 4,652 | 5,057 | 5,154 |
| Industrial | 744 | 716 | 697 | 661 | 648 | 4,827 | 3,995 | 4,055 | 4,285 | 4,258 |
| Ship | 1 | 1 | 1 | 1 | 1 | 38 | 50 | 52 | 48 | 49 |
| Sub total | 294,776 | 301,525 | 310,321 | 317,830 | 324,100 | 93,746 | 92,622 | 96,392 | 98,785 | 95,000 |
| Vegetable & Livestock producers | 3,129 | 3,281 | 3,611 | 3,774 | 3,915 | 1,421 | 1,403 | 1,455 | 1,536 | 1,456 |
| Total potable water | 297,905 | 304,806 | 313,932 | 321,604 | 328,015 | 95,167 | 94,025 | 97,847 | 100,321 | 96,456 |
| Total non-treated water (Agriculture/Industrial) | 278 | 286 | 294 | 296 | 311 | 15,490 | 14,799 | 12,419 | 14,678 | 16,912 |
| Grand Total | 298,183 | 305,092 | 314,226 | 321,900 | 328,326 | 110,657 | 108,824 | 110,266 | 114,999 | 113,369 |
| | Amount collectible Rs.(000) | | | | | Average sales price (Rs/m ³) | | | | |
| Domestic | 549,907 | 509,134 | 536,537 | 550,641 | 516,810 | 7.53 | 7.06 | 7.14 | 7.20 | 7.02 |
| Government | 84,235 | 85,883 | 88,736 | 86,815 | 78,037 | 17.98 | 17.94 | 17.91 | 17.77 | 17.56 |
| Acquired / concessionary prizes | 117 | 87 | 73 | 78 | 103 | 7.31 | 5.87 | 5.04 | 5.41 | 6.73 |
| Commercial | 115,157 | 120,113 | 127,860 | 134,923 | 124,182 | 17.08 | 16.95 | 16.95 | 16.92 | 16.73 |
| Hotels, Guest Houses | 129,650 | 134,117 | 135,515 | 147,363 | 148,415 | 29.27 | 29.19 | 29.13 | 29.14 | 28.80 |
| Industrial | 72,998 | 59,782 | 60,900 | 64,151 | 63,870 | 15.12 | 14.96 | 15.02 | 14.97 | 15.00 |
| Ship | 1,070 | 1,399 | 1,469 | 1,412 | 1,392 | 28.00 | 28.00 | 28.00 | 29.19 | 28.43 |
| Sub total | 953,134 | 910,515 | 951,088 | 985,383 | 932,809 | 10.17 | 9.83 | 9.87 | 9.98 | 9.82 |
| Vegetable & Livestock producers | 11,282 | 11,024 | 11,735 | 12,058 | 11,055 | 7.94 | 7.86 | 8.06 | 7.85 | 7.59 |
| Total potable water | 964,416 | 921,539 | 962,823 | 997,441 | 943,864 | 10.13 | 9.80 | 9.84 | 9.94 | 9.79 |
| Total non-treated water (Agriculture/Industrial) | 41,120 | 40,316 | 35,985 | 38,349 | 42,269 | 2.65 | 2.72 | 2.90 | 2.61 | 2.50 |
| Grand Total | 1,005,536 | 961,855 | 998,808 | 1,035,790 | 986,133 | 9.09 | 8.84 | 9.06 | 9.01 | 8.70 |

Table 5.10 - Water sales by tariff^{1/} of subscriber, 2012-2013 (Island of Mauritius)

| Type of Tariff | 2012 | | | | | 2013 | | | | |
|--|------------------|--|-----------------------------|---|---------------------------------------|------------------|--|-----------------------------|---|---------------------------------------|
| | No. of consumers | Volume sold (thousand m ³) | Amount Collectible (Rs 000) | Average sales price per m ³ (Rupees) | Average consumption (m ³) | No. of consumers | Volume sold (thousand m ³) | Amount Collectible (Rs 000) | Average sales price per m ³ (Rupees) | Average consumption (m ³) |
| Domestic | 310,992 | 72,920 | 689,711 | 9.46 | 234 | 317,786 | 73,355 | 696,281 | 9.49 | 231 |
| Public Sector Agency | 2,497 | 3,776 | 89,744 | 23.77 | 1,512 | 2,511 | 3,796 | 91,109 | 24.00 | 1,512 |
| Acquired / concessionary prizes | 38 | 17 | 228 | 13.12 | 457 | 38 | 13 | 133 | 9.87 | 355 |
| Business | 1,109 | 6,516 | 223,271 | 34.26 | 5,876 | 1,118 | 6,981 | 240,978 | 34.52 | 6,244 |
| Commercial | 13,434 | 5,998 | 156,871 | 26.16 | 446 | 13,646 | 6,046 | 160,622 | 26.57 | 443 |
| Religious | 1,910 | 582 | 11,292 | 19.41 | 305 | 1,981 | 585 | 11,494 | 19.65 | 295 |
| Industrial | 625 | 3,866 | 69,759 | 18.04 | 6,186 | 598 | 3,784 | 68,711 | 18.16 | 6,327 |
| Sub total | 330,605 | 93,676 | 1,240,877 | 13.25 | 283 | 337,678 | 94,559 | 1,269,326 | 13.42 | 280 |
| Agriculture | 3,833 | 1,367 | 19,656 | 14.38 | 357 | 3,942 | 1,298 | 19,034 | 14.67 | 329 |
| Total potable water | 334,438 | 95,043 | 1,260,532 | 13.26 | 284 | 341,620 | 95,857 | 1,288,361 | 13.44 | 281 |
| Total non-treated water (Mainly for Agriculture and Industry) | 323 | 16,122 | 62,061 | 3.85 | 49,914 | 332 | 15,421 | 60,295 | 3.91 | 46,449 |
| Grand Total | 334,761 | 111,165 | 1,322,593 | 11.90 | 332 | 341,952 | 111,278 | 1,348,656 | 12.12 | 325 |

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

Fig. 5.7 - Percentage of water sold by tariff of subscriber, 2013 - Island of Mauritius

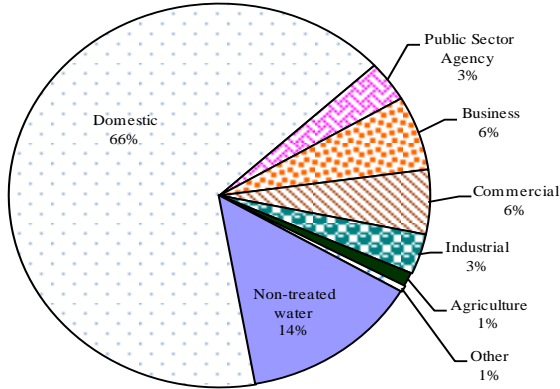
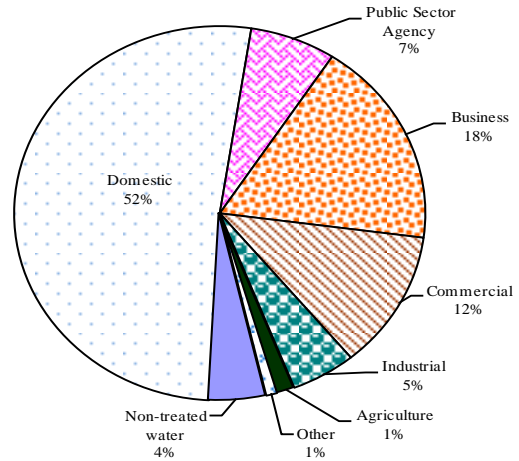
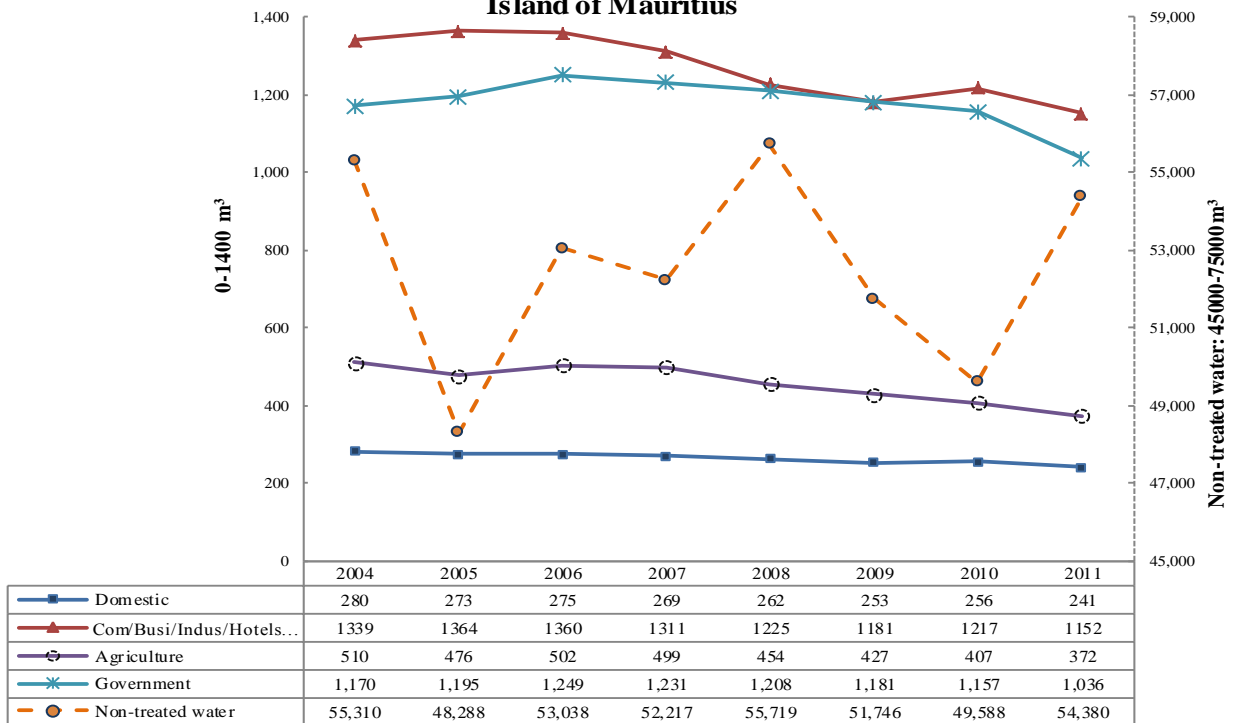


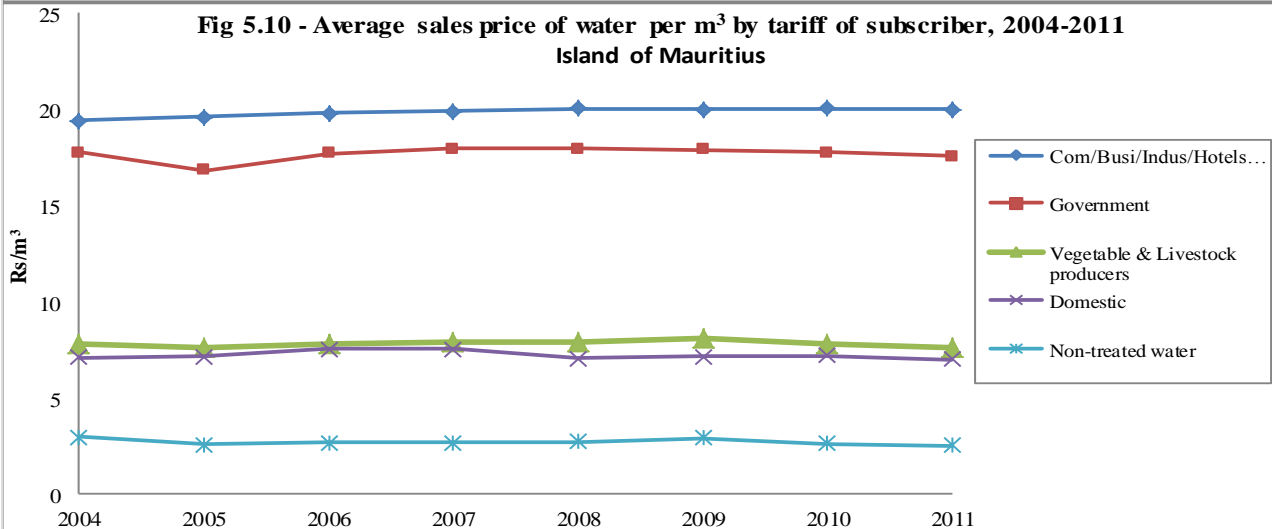
Fig. 5.8 - Percentage of amount collectible by tariff of subscriber, 2013 - Island of Mauritius



**Fig 5.9 - Average water consumption by tariff of subscriber (m³), 2004-2011
Island of Mauritius**



**Fig 5.10 - Average sales price of water per m³ by tariff of subscriber, 2004-2011
Island of Mauritius**



Note: 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'.

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

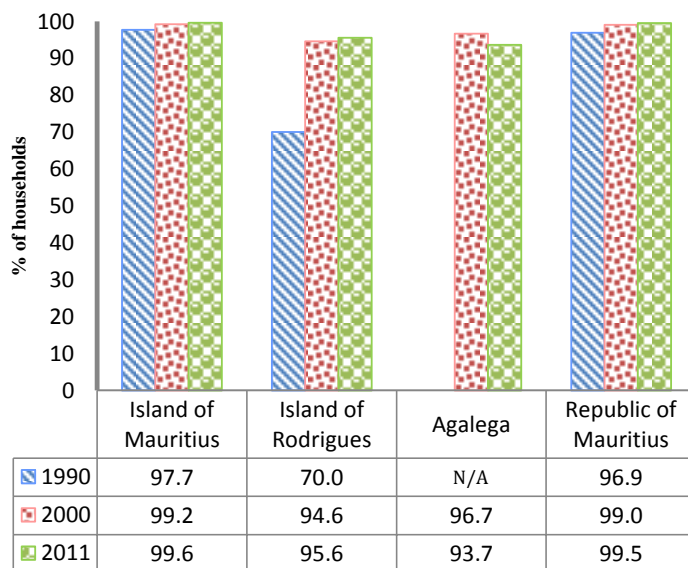


Fig. 6.2 - Percentage of households having Residual Current Device (RCD) Housing Census 2011

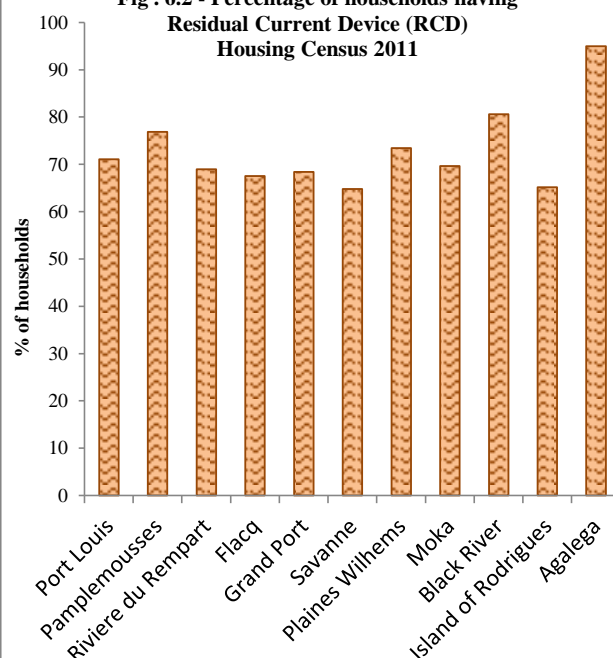


Table 6.2 - Private households by geographical location and principal fuel used for cooking, Housing Censuses 2000 & 2011

| 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

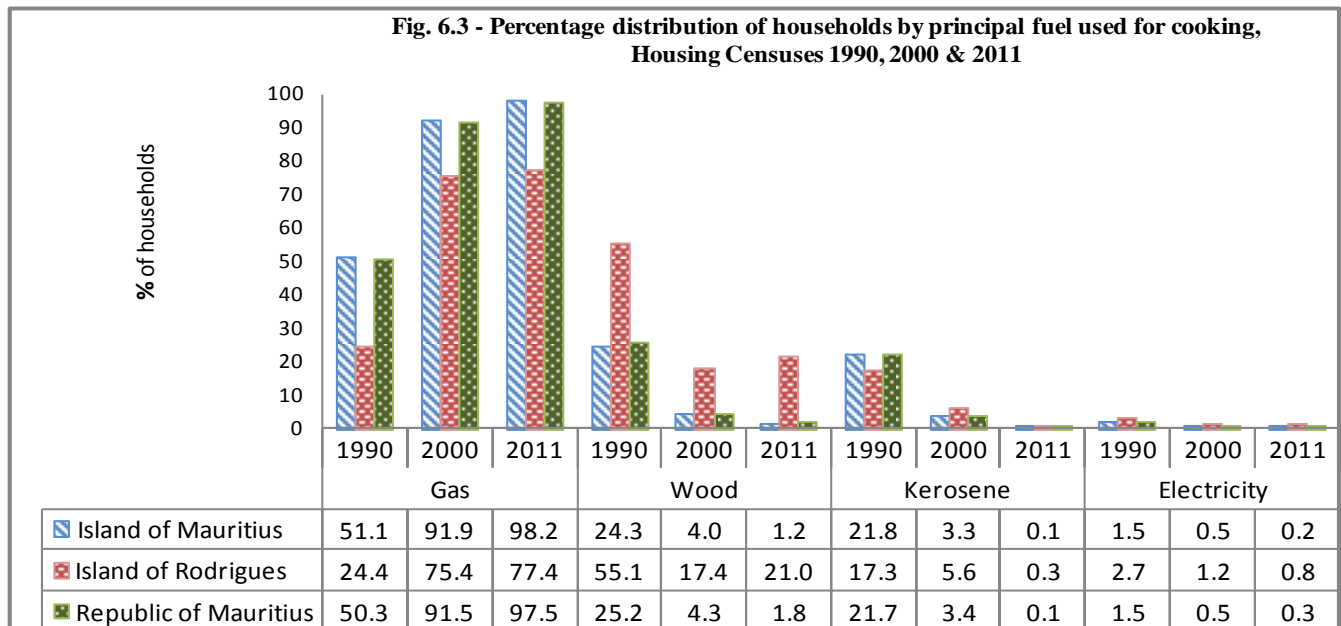


Table 6.3 - Private households by geographical location and principal fuel used for heating water for bathing¹, Housing Censuses 2000 & 2011

| 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 | 116,308 | 11,454 | 23,239 | 63,775 | 5 | 289,170 |
| | (25.7 %) | (40.2 %) | (4.0 %) | (8.0 %) | (22.1 %) | (0.0%) | (100.0 %) |
| Island of Rodrigues | 454 | 471 | 73 | 154 | 7,499 | - | 8,651 |
| Agalega | - | 12 | - | - | 48 | - | 60 |
| Republic of Mauritius | 74,848 | 116,791 | 11,527 | 23,393 | 71,322 | 5 | 297,881 |
| | (25.1 %) | (39.2 %) | (3.9 %) | (7.9 %) | (23.9 %) | (0.0%) | (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 | 200,723 | 40,973 | 6,586 | 41,538 | 546 | 331,291 |
| | (12.4 %) | (60.6 %) | (12.4 %) | (2.0 %) | (12.5 %) | (0.2 %) | (100.0 %) |
| Island of Rodrigues | 563 | 2,703 | 869 | 859 | 5,994 | - | 10,988 |
| Agalega | 2 | - | - | - | 77 | - | 79 |
| Republic of Mauritius | 41,490 | 203,426 | 41,842 | 7,445 | 47,609 | 546 | 342,358 |
| | (12.1%) | (59.4 %) | (12.2 %) | (2.2 %) | (13.9 %) | (0.2 %) | (100.0 %) |

1 The water need not be heated in the bathroom

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

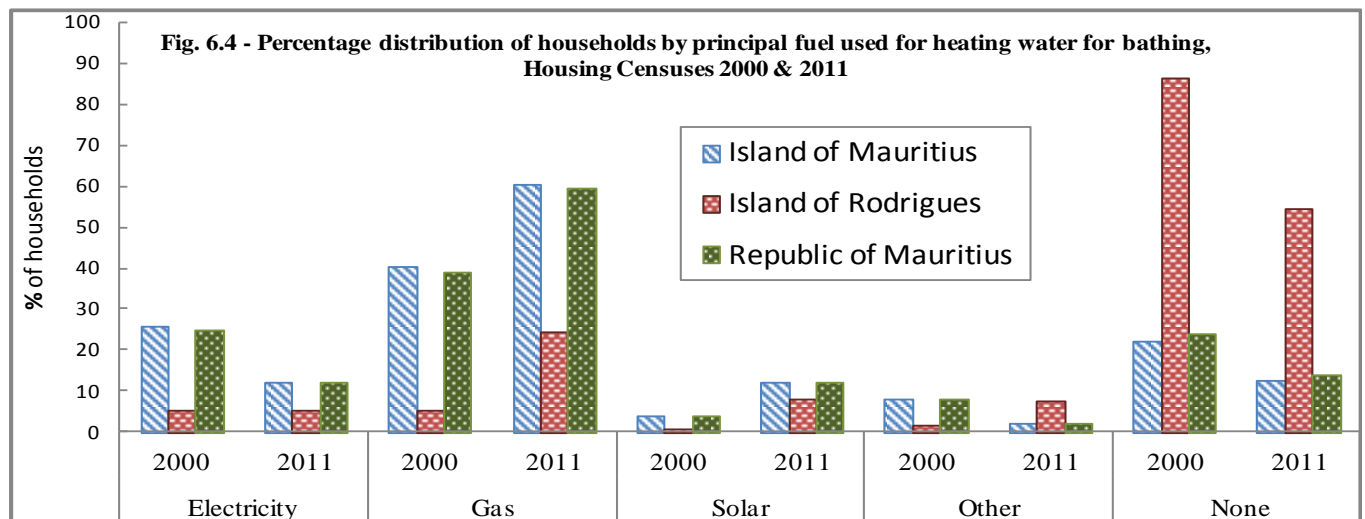


Table 6.4 - Private households by geographical location and type of water supply - Housing Censuses 2000 & 2011

| 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%) |

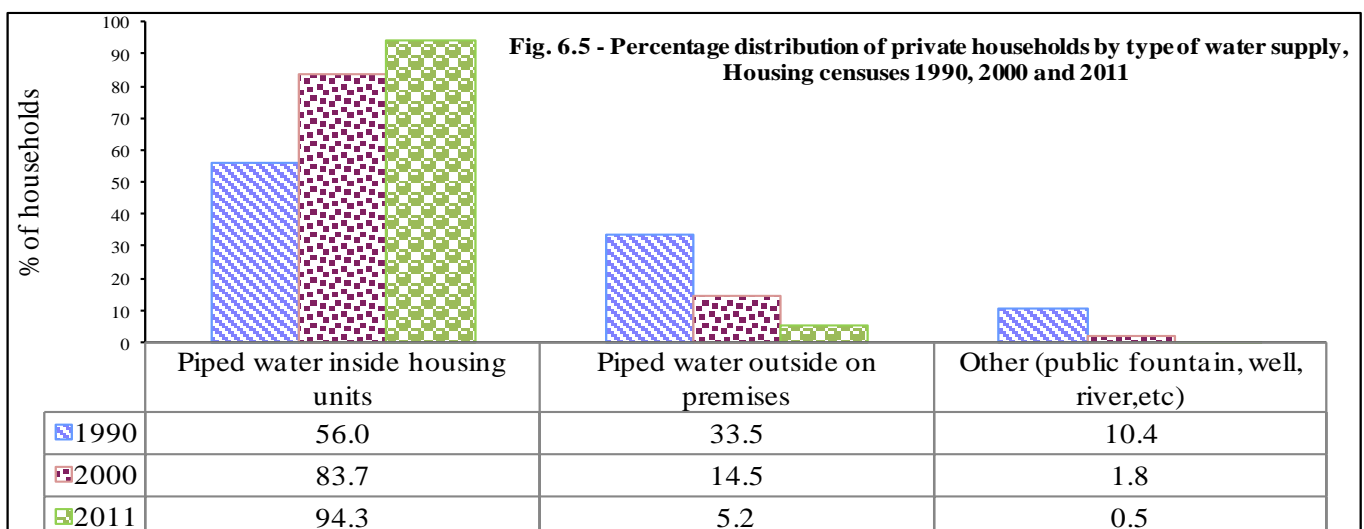


Table 6.5 - Private households by geographical location and availability of water tank - Housing Censuses 2000 & 2011

| Geographical location | Availability of domestic water tank/reservoir | | | | | | | |
|----------------------------------|---|---------------------------|---------------------|----------------------------|---------------------------|---------------------------|----------------------|----------------------------|
| | Housing Census 2000 | | | | Housing Census 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%) |

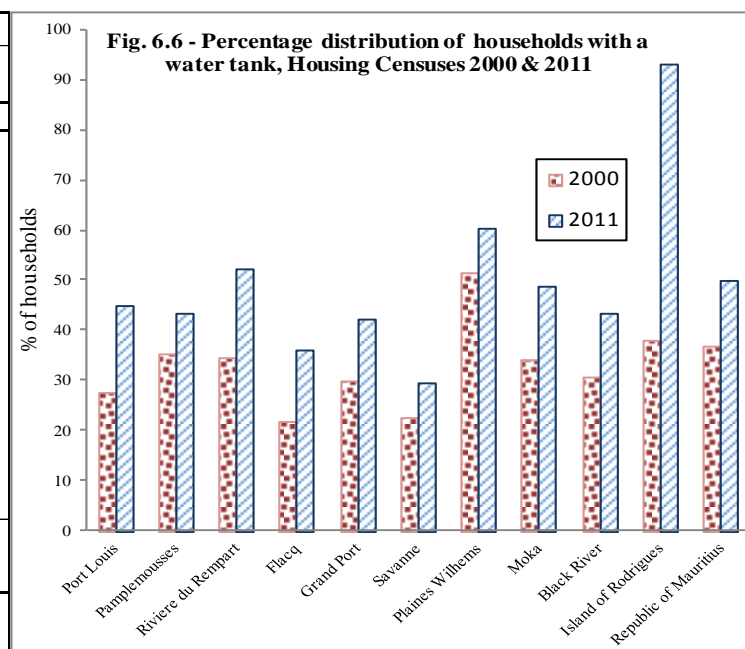
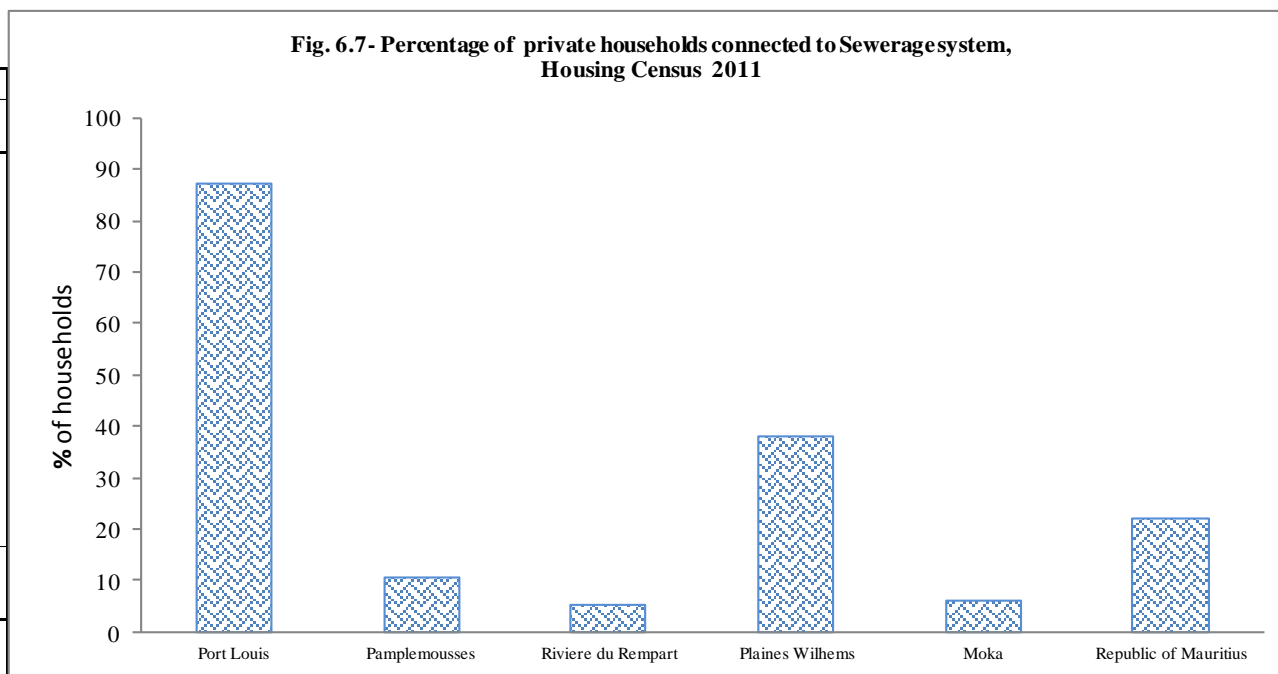
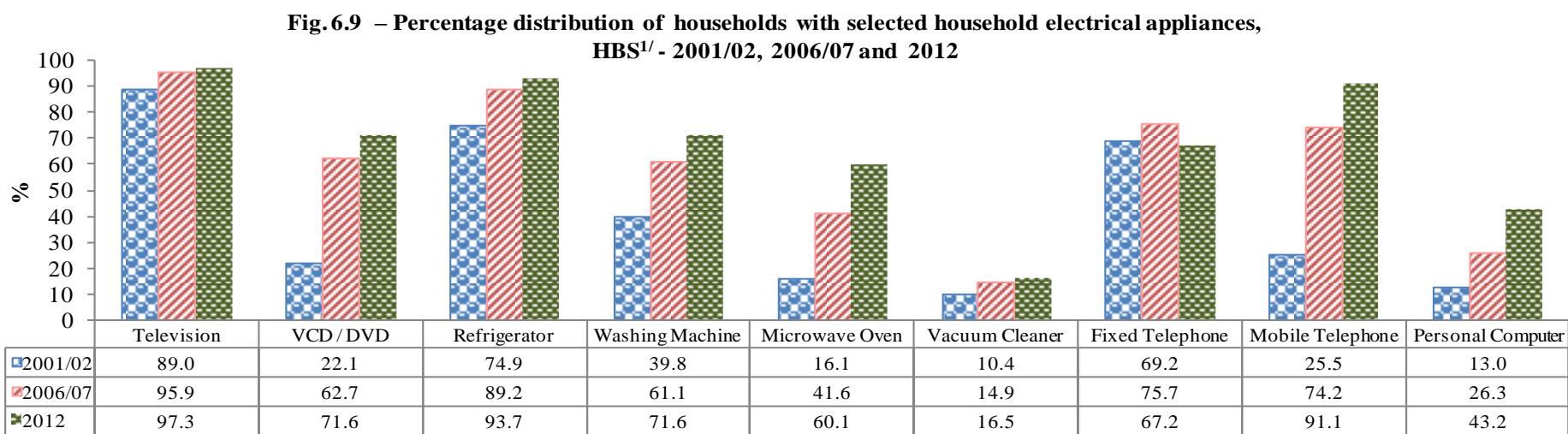
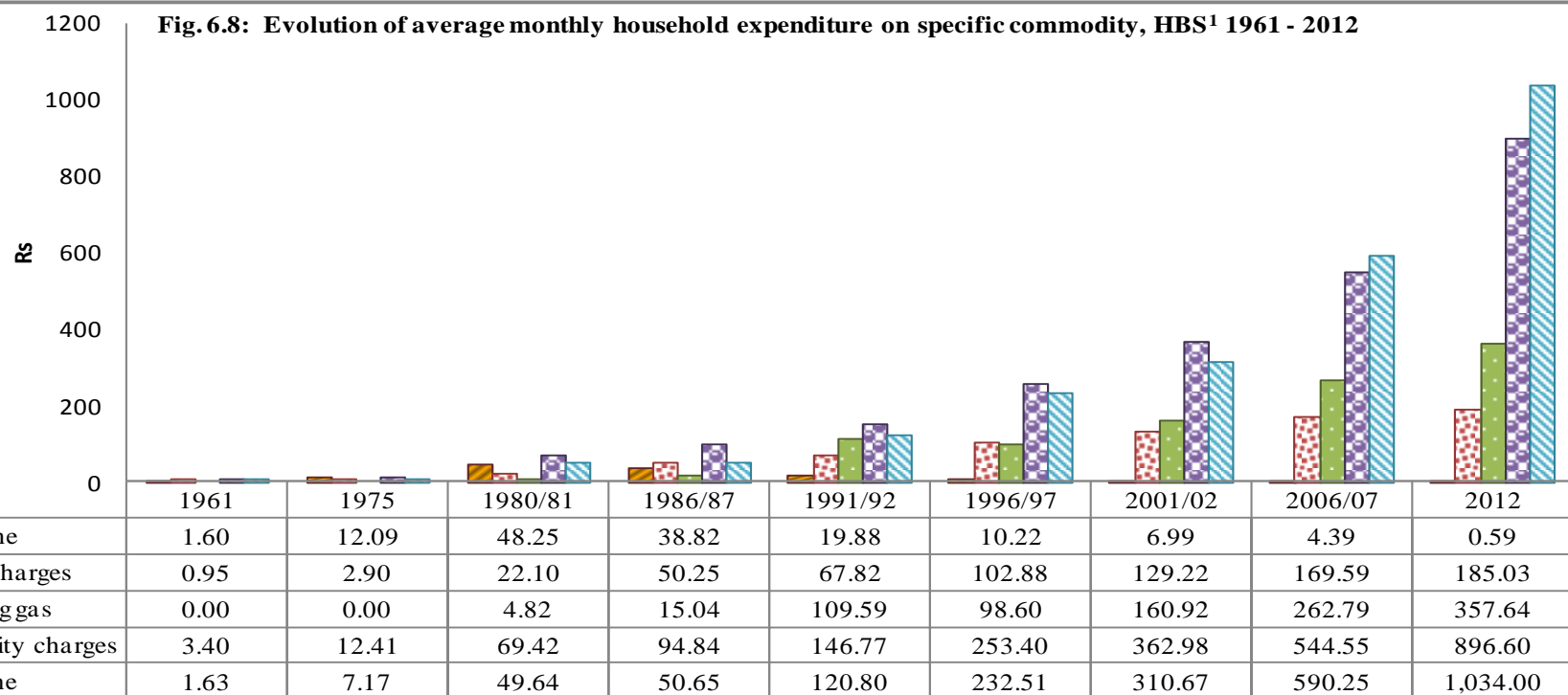


Table 6.6 - Private households by geographical location and connection to sewerage system - Housing Census 2011

| 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%) |



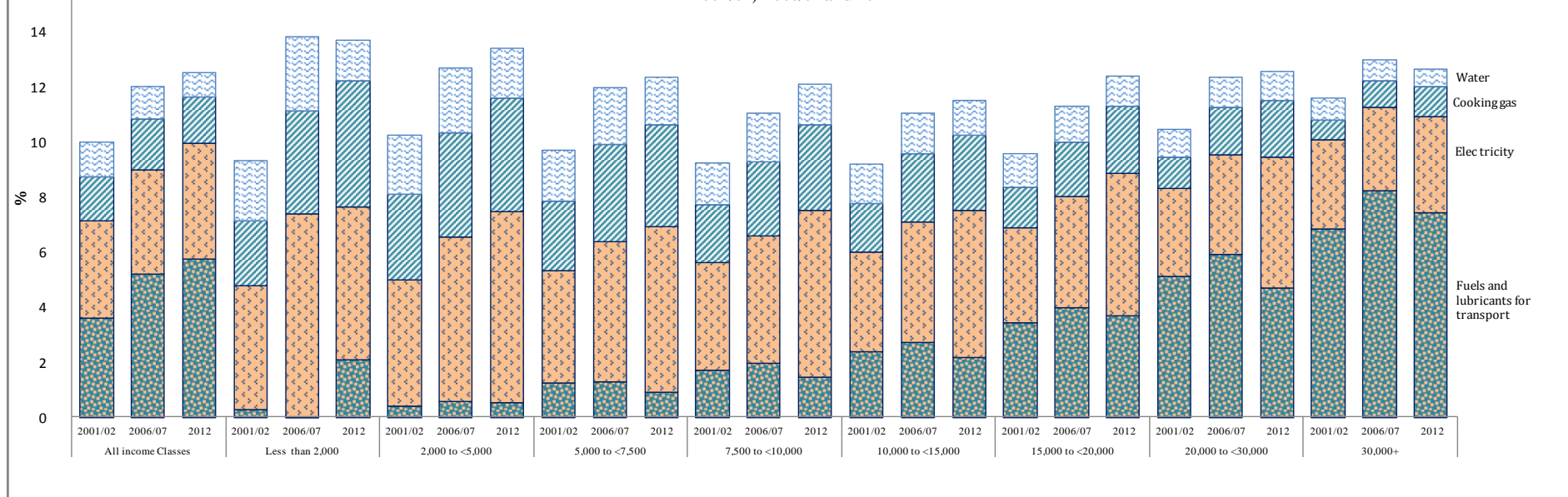


1/ Household Budget Survey

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 |

Fig. 6.10 - Percentage distribution of average monthly household consumption expenditure by *Income Class* for selected energy and water related items as at HBS^{1/} - 2001/02, 2006/07 and 2012

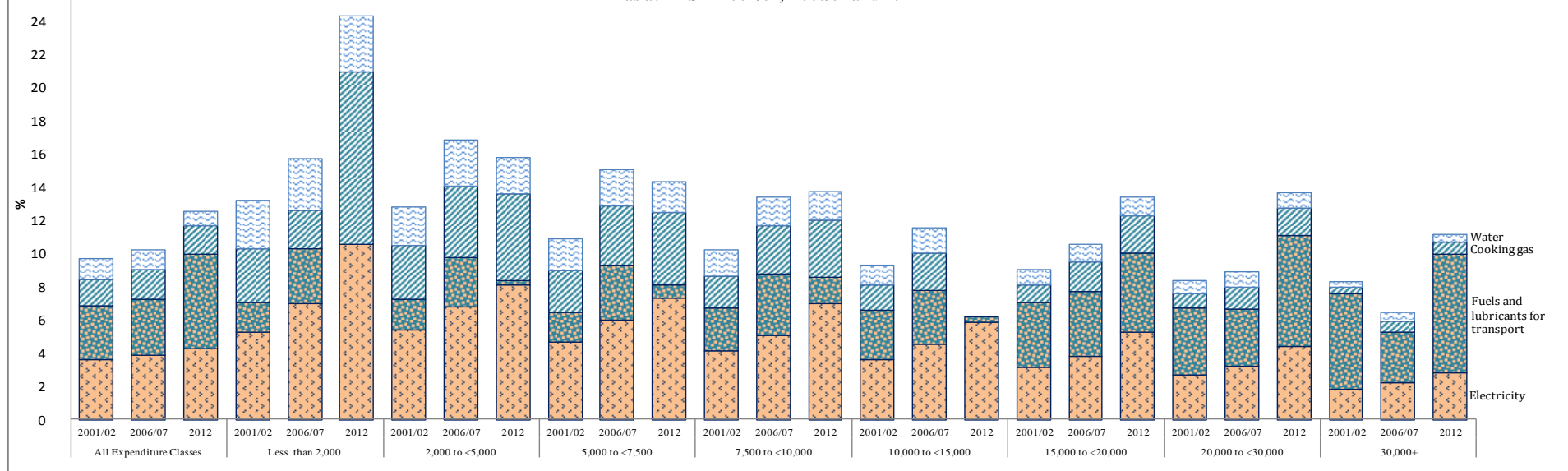


1/ Household Budget Survey

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 |

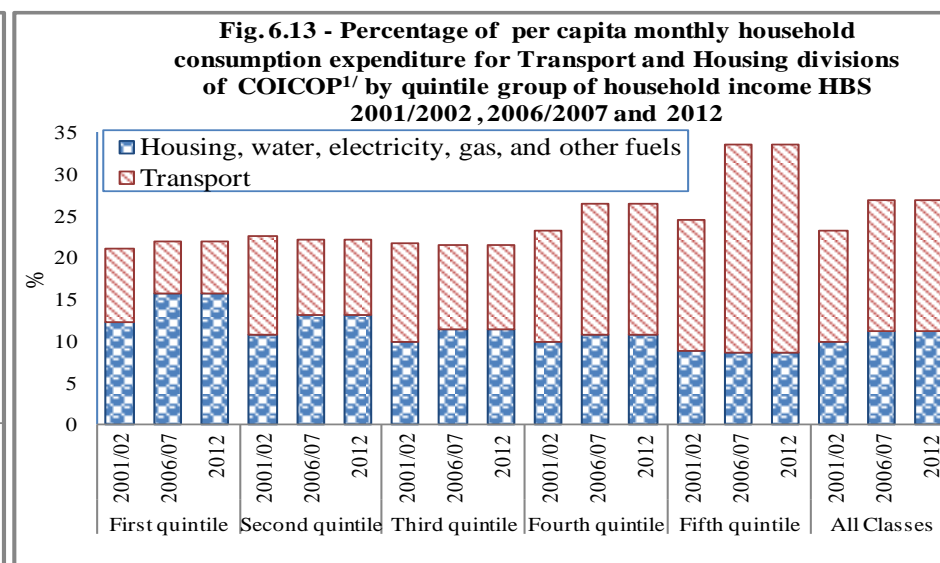
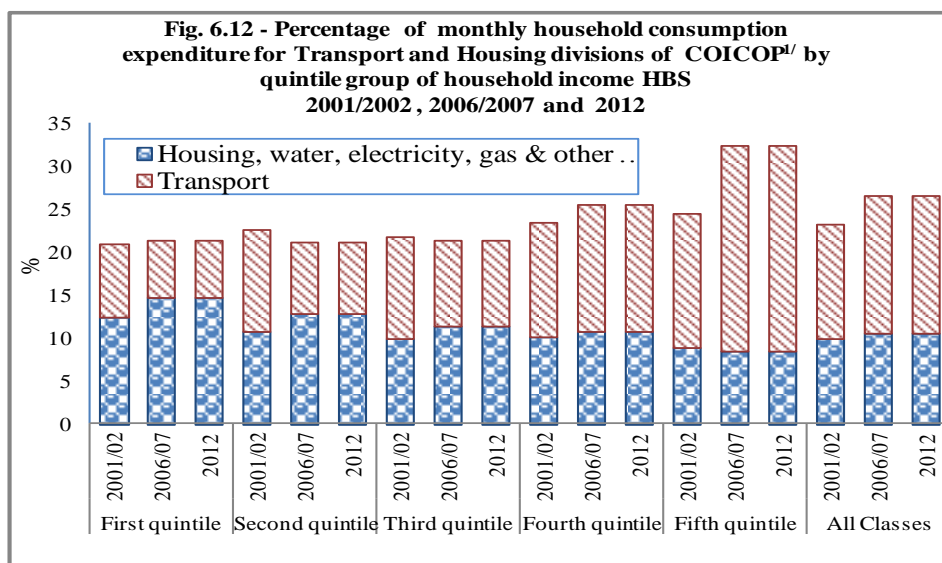
Fig. 6.11 - Percentage distribution of average monthly household consumption expenditure by Expenditure Class for selected energy and water related items as at HBS^{1/} - 2001/02, 2006/07 and 2012



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 | ### | 1531 | ### | 1369 | 11.3 | 1895 | ### | 1689 | 10.6 | 2263 | ### | 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 | ### | 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 | ### | 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

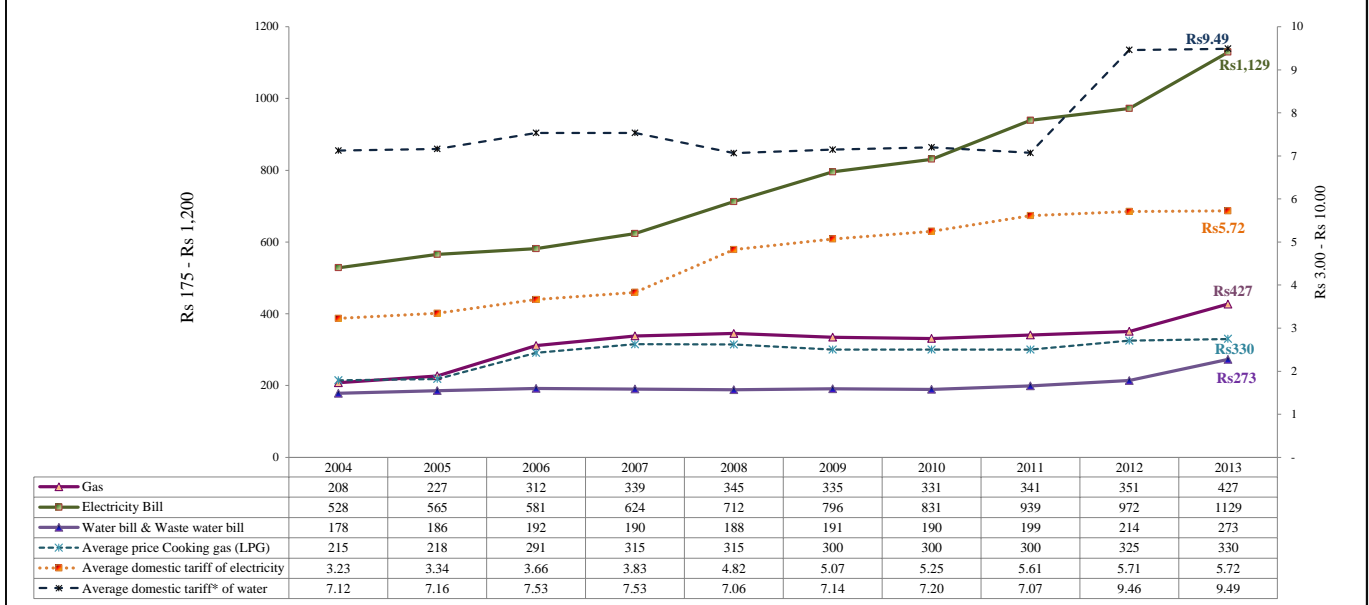
Table 6.10 - Household expenditure for selected energy and water related items by district, CMPHS^{1/} 2004 - 2013

| | Rs | | | | | | | | | | |
|-------------------------------|---------------|------------|---------------|--------------------|--------|------------|---------|-----------------|--------|-------------|-----------|
| | All districts | Port Louis | Pamplemousses | Riviere du Rempart | Flacq | Grand Port | Savanne | Plaines Wilhems | Moka | Black River | Rodrigues |
| 2004 | | | | | | | | | | | |
| Average total expenditure | 10,272 | 9,257 | 9,960 | 9,932 | 8,547 | 9,045 | 8,102 | 12,655 | 10,240 | 12,669 | 6,935 |
| Gas | 208 | 181 | 215 | 218 | 210 | 215 | 217 | 213 | 246 | 177 | 180 |
| Water bill | 154 | 176 | 167 | 146 | 163 | 178 | 167 | 167 | 168 | 194 | 1 |
| Waste Water bill | 24 | 98 | 9 | 5 | 1 | 3 | 6 | 35 | 5 | 15 | 2 |
| Electricity bill | 528 | 561 | 505 | 481 | 423 | 462 | 445 | 628 | 512 | 636 | 387 |
| 2005 | | | | | | | | | | | |
| Average total expenditure | 11,111 | 10,422 | 11,711 | 10,431 | 9,578 | 10,412 | 9,607 | 13,683 | 11,688 | 12,618 | 7,749 |
| Gas | 227 | 191 | 224 | 238 | 234 | 251 | 251 | 232 | 248 | 201 | 191 |
| Water bill | 164 | 183 | 169 | 168 | 176 | 164 | 172 | 174 | 179 | 191 | 2 |
| Waste Water bill | 22 | 96 | 14 | 3 | 2 | 1 | 2 | 40 | 10 | 15 | 1 |
| Electricity bill | 565 | 590 | 579 | 524 | 479 | 596 | 467 | 663 | 542 | 642 | 432 |
| 2006 | | | | | | | | | | | |
| Average total expenditure | 11,654 | 10,522 | 12,374 | 11,541 | 9,820 | 11,098 | 10,216 | 14,730 | 11,869 | 12,403 | 8,111 |
| Gas | 312 | 261 | 304 | 326 | 320 | 322 | 369 | 327 | 345 | 282 | 236 |
| Water bill | 169 | 186 | 171 | 164 | 174 | 180 | 181 | 182 | 180 | 200 | 8 |
| Waste Water bill | 23 | 86 | 8 | 8 | 1 | 3 | 0 | 51 | 11 | 19 | 1 |
| Electricity bill | 581 | 601 | 597 | 571 | 486 | 563 | 494 | 684 | 548 | 675 | 460 |
| 2007 | | | | | | | | | | | |
| Average total expenditure | 12,337 | 10,782 | 13,036 | 12,737 | 10,727 | 11,345 | 10,500 | 15,673 | 12,116 | 13,700 | 8,629 |
| Gas | 338 | 288 | 335 | 346 | 360 | 370 | 376 | 356 | 368 | 289 | 260 |
| Water bill | 167 | 188 | 172 | 176 | 178 | 181 | 176 | 174 | 166 | 205 | 0 |
| Waste Water bill | 23 | 103 | 6 | 7 | 0 | 1 | 1 | 44 | 10 | 14 | 2 |
| Electricity bill | 624 | 671 | 639 | 657 | 520 | 540 | 530 | 739 | 583 | 727 | 473 |
| 2008 | | | | | | | | | | | |
| Average total expenditure | 14,045 | 12,466 | 16,124 | 13,854 | 11,723 | 13,074 | 11,454 | 18,167 | 13,242 | 14,917 | 10,065 |
| Gas | 345 | 283 | 341 | 356 | 362 | 377 | 386 | 365 | 390 | 303 | 253 |
| Water bill | 163 | 166 | 172 | 189 | 176 | 177 | 174 | 162 | 167 | 195 | 1 |
| Waste Water bill | 26 | 113 | 10 | 5 | 3 | 1 | 1 | 47 | 10 | 20 | 1 |
| Electricity bill | 712 | 752 | 757 | 707 | 594 | 631 | 579 | 840 | 682 | 843 | 575 |
| 2009^{2/} | | | | | | | | | | | |
| Average total expenditure | 16,168 | 13,889 | 14,352 | 16,248 | 14,352 | 15,116 | 13,419 | 21,291 | 15,382 | 17,584 | 11,201 |
| Gas | 335 | 279 | 340 | 327 | 351 | 377 | 376 | 350 | 370 | 304 | 240 |
| Water bill & Waste Water bill | 191 | 282 | 182 | 186 | 189 | 181 | 186 | 207 | 177 | 235 | 1 |
| Electricity bill | 796 | 862 | 822 | 765 | 682 | 756 | 670 | 931 | 749 | 958 | 555 |
| 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 |

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, 2004 - 2013



* 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/} 2009 - 2013

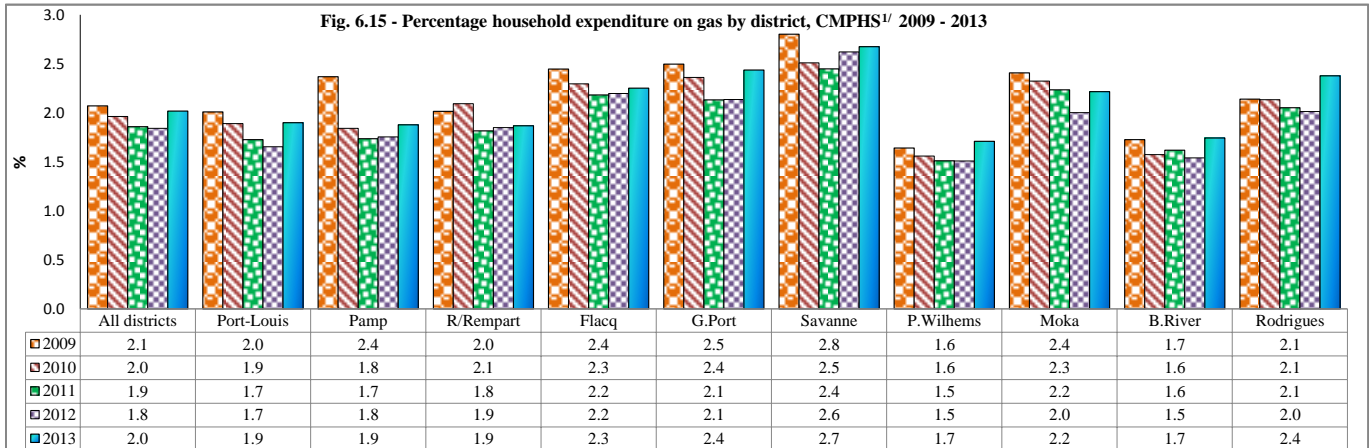


Fig. 6.16 - Percentage household expenditure on Water and Waste Water Bill by district, CMPHS^{1/} 2009 - 2013

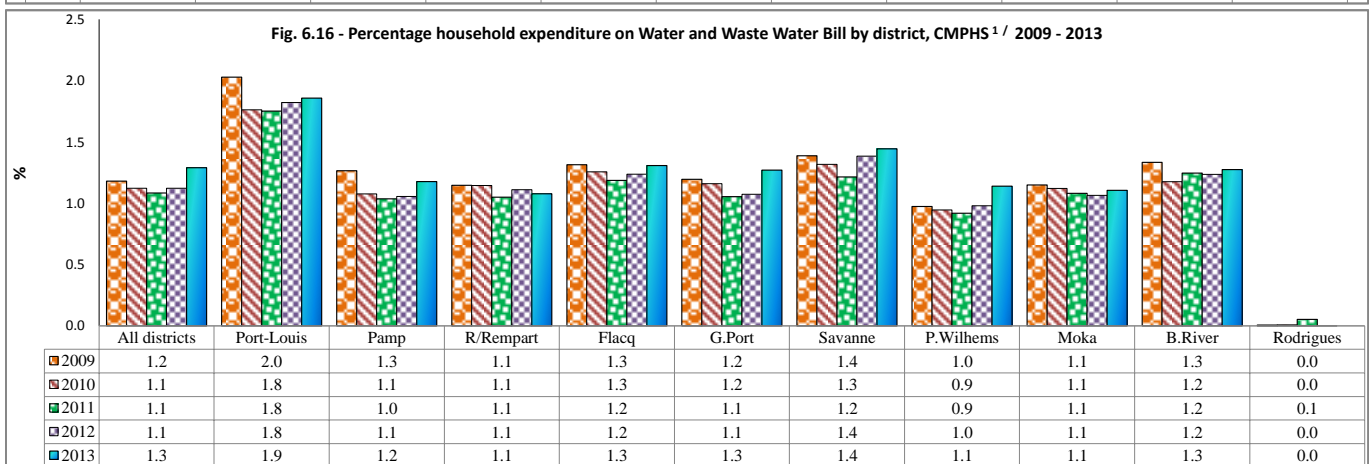
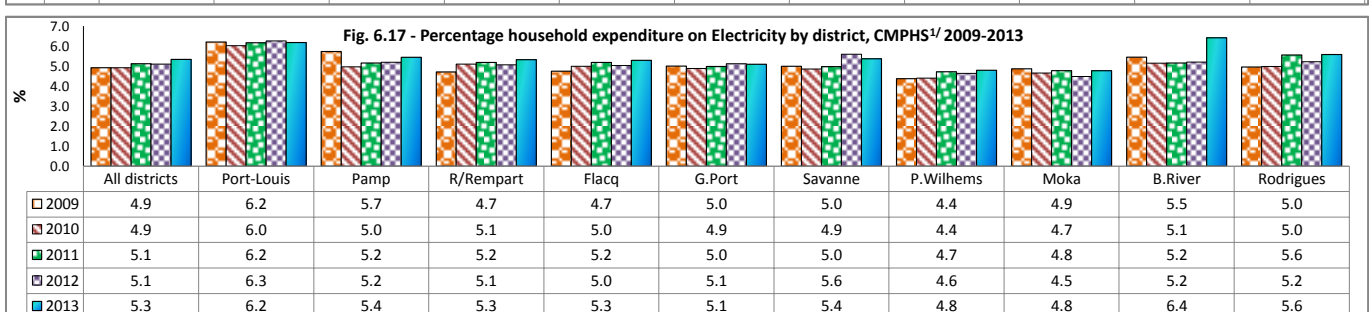


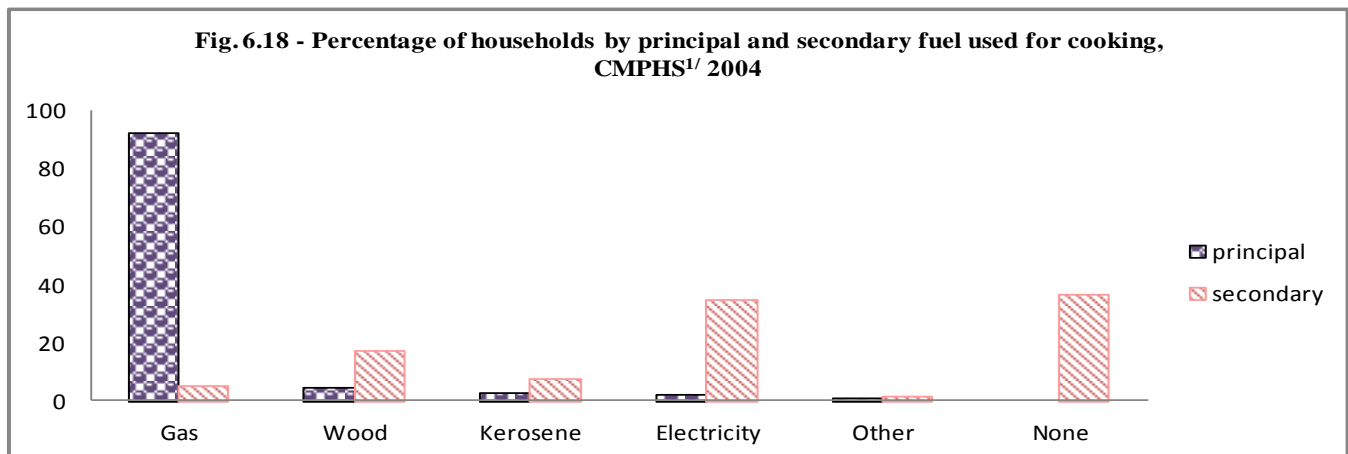
Fig. 6.17 - Percentage household expenditure on Electricity by district, CMPHS^{1/} 2009-2013



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 | | | | | Secondary fuel |
|--------------|-----------------|--------------|--------------|--------------|--------------|----------------|
| | Principal 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> | 41.2 |
| <i>Not interested to buy</i> | 39.1 |
| 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