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DIGEST OF ENERGY AND WATER STATISTICS - 2015

FOREWORD

This is the eighteenth issue of a yearly publication of Statistics Mauritius on energy and water statistics.

This report presents latest statistics on energy for the years 2006 to 2015 and on water for the period 2011 to 2015. All data refer to the Republic of Mauritius, unless otherwise specified.

It is hoped that the statistics published in this report 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, Central Water Authority, Water Resources Unit, Meteorological Services, Independent Power Producers, and several other public and private organisations. The co-operation and assistance of all these organisations are gratefully acknowledged.

This publication is available on the website at <http://statsmauritius.govmu.org>

Y. Cassimally (Mrs)
Ag. Director of Statistics

Statistics Mauritius
Ministry of Finance and Economic Development
Port Louis
Republic of Mauritius
November 2016

Contact person:

Mr N. Jaffar/Mrs N.Gujadhur (*Statistician*)

Mrs L.R.Nawoor (*Senior Statistical Officer*)

Statistics Mauritius

LIC Centre

President John Kennedy Street

Port Louis

Telephone: (230) 208 1800

Fax: (230) 211 4150

Email: cso_energy@govmu.org

Website: <http://statsmauritius.govmu.org>

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Symbols & abbreviations

-	Nil
...	Not available
000	Thousand
c.i.f	Cost, insurance and freight
CEB	Central Electricity Board
CMPHS	Continuous Multipurpose Household Survey
COICOP	Classification of Individual Consumption according to Purpose
DPK	Dual Purpose Kerosene
GDP	Gross Domestic Product
GWh	Gigawatt hour (million kWh)
HBS	Household Budget Survey
IPP	Independent Power Producers
ktoe	Thousand tonnes of oil equivalent
kWh	Kilowatt hour
LPG	Liquefied Petroleum Gas
m ³	Cubic metres
max	Maximum
min	Minimum
mm	Millimetres
Mm ³	Million cubic metres
mn	Million
MW	Megawatt (1,000 kW)
Rod.	Island of Rodrigues
TJ	Terajoules
toe	Tonne of oil equivalent

* * * * *

Glossary

Energy sector

Bagasse	A cellulosic residue left after sugar is extracted from sugar cane. It is mostly used as fuel within the sugar milling factories.
Bunkers	Refer to the amount of fuels delivered to ocean-going ships or aircraft of all flags engaged in international traffic. Deliveries to ships engaged in transport in inland and coastal waters, or to aircraft engaged in domestic flights, are not included.
Calorific values	The energy content of a fuel is equivalent to the heat released on complete combustion of the fuel.
Capacity	<p>The maximum power available from a power station at a point in time:</p> <ul style="list-style-type: none"> - <i>Installed capacity</i>: The nameplate capacity of the generator set. - <i>Plant capacity</i>: The net capacity measured at the terminals of the stations, i.e. after deduction of the power absorbed by the auxiliary installations and the losses in the station transformers. - <i>Effective capacity</i>: It is the plant capacity less any amount of derated capacity from the install capacity.
Charcoal	Comprises the solid residue obtained by the destructive distillation of wood in the absence of air.
Coal	Fossil fuel that has a high degree of coalification, with a gross calorific value over 24MJ/kg (5700 Kcal/kg) on an ash-free but moist basis.
Conversion factors	Factors used to convert quantities from original physical units into a common accounting unit for the purpose of aggregating diverse energy sources. The ‘tonne of oil equivalent’ (toe) has been adopted as the accounting unit.
Diesel Oil	Consists primarily of medium oil distilling between 180 ⁰ C and 380 ⁰ C.
Energy	Means the capacity for doing work or for producing heat. Producing heat is a common manifestation of ‘doing work’ as are producing light and motive force.
Energy Balance	Shows in a consistent accounting framework, the production, transformation and final consumption of all forms of energy for a given geographical area and a given period of time, with quantities expressed in terms of a single accounting unit for purposes of comparison and aggregation. The energy balance thus presents an overview of the energy produced and consumed in a system, matching input and output for a specific time period, usually a year
Energy intensity	Provides a measure of the efficiency with which energy is being used in production. A lower ratio usually reflects a more efficient use of energy.
Energy unit	Express fuel and energy in energy content. The International System of Units (SI unit) of energy is the Joule. Historically the ‘tonne of coal equivalent’ was used, but with ascendance of oil, this has been largely replaced by the ‘tonne of oil equivalent’ (toe), defined as 41.868 gigajoules.

Final Energy Consumption	<p>Energy consumption by final user- i.e. energy which is not being used for transformation into other forms of energy. The consumption by sector is presented as follows:</p> <p><i>Agriculture:</i> Energy used for irrigation and by other agricultural equipment;</p> <p><i>Commercial & distributive trade:</i> Energy consumed by the business and commercial sector;</p> <p><i>Residential:</i> Consumption of energy by residential sector;</p> <p><i>Manufacturing:</i> Consumption in industry and construction; and</p> <p><i>Transport:</i> Includes consumption by land vehicles, ships and local aircrafts.</p>
Fossils fuels	Formed from the fossilized remains of dead plants and animals by exposure to heat and pressure in the Earth's crust over hundreds of millions of years.
Fuels	The term fuel is used to describe those energy sources, whether primary or secondary, that must be subjected to combustion or fission in order to release the energy stored up inside them.
Fuel wood	The term 'fuel wood' embraces all forms of woody material.
Fuel Oils	The heavy oils from the refining process and used as fuel in power stations. It is also commonly used by ships and industrial large-scale heating boilers installations as a fuel in furnaces or boilers.
Gasolene	Comprises a mixture of relatively volatile hydrocarbons with or without small quantities of activities, which have been blended to form a fuel suitable for use in spark-ignition internal combustion engines.
Gross Domestic Product (GDP)	It represents the aggregate money value of all goods and services produced within a country out of economic activity during a specified period, usually a year, before provision for the consumption of fixed capital.
Gigawatt hour (GWh)	Unit of electrical energy, equal to 3.6 terajoules (TJ).
Hydro	Energy derived from the potential and kinetic energy content of water.
Imports	Refer to amount of fuels obtained from other countries.
Indigenous production	Comprises hydro electricity, fuel wood, bagasse and electricity from wind generation.
IPP (Independent Power Producers)	Undertakings which, in addition to their main activities, themselves produce (individually or in combination) electric energy intended, in whole or in part, to meet their own needs and for sale to the CEB.
Jet fuel Kerosene-type	Refers to medium oils meeting the required properties for use in jet engines and aircraft-turbine engines.
Kerosene (exlc. Jet fuel type)	A medium oil distilling between 150 ⁰ C and 300 ⁰ C and which is used in sectors other than aircraft transport.
Kilowatt hour (kWh)	It is a precise measure of heat and work. 1kWh=3.6 x 10 ⁶ joules

Landfill Gas (LFG)	Landfill gas (LFG) is a mixture of different gases, mainly methane and carbon dioxide. It is generated during the natural process of bacterial decomposition of organic material contained in solid waste landfills. LFG is an asset when it is used as a source of energy to produce electricity or heat. By using LFG to produce energy, landfills can significantly reduce emissions of methane into the atmosphere while decreasing dependency on fossil fuels to generate electricity.
Liquefied petroleum Gas (LPG)	Consists mainly of propane or butane, derived from oil. It is normally liquefied under pressure for transportation and storage. It is often used to power cooking stoves or heaters and to fuel some types of vehicle.
Losses (transmission / distribution losses)	Comprise losses in transmission and distribution of electric energy and losses in transformers, which are <i>not</i> considered as integral parts of the power stations.
Megawatt (MW)	A unit of electrical power, equal to 10^6 watts, i.e 1000kW
Own use (Station use and loss)	Included are consumption by station auxiliaries and losses in transformers, which are considered as integral parts of the power stations.
Peak demand	Peak demand, peak load or on peak are terms used in energy demand management describing a period in which electrical power is expected to be provided for a sustained period at a significantly higher than the average supply level. Peak demand fluctuations may occur on daily, monthly seasonal and yearly cycles.
Petroleum products	The primary source of petroleum products is crude oil. Petroleum or crude oil is a naturally occurring, flammable liquid found in rock formations in the Earth. Diesel oil, fuel oils, Gasolene, Kerosene and Liquefied petroleum gas(LPG) are among the major products of oil refineries.
Photovoltaic	Photovoltaic systems convert solar energy from the sun directly into electricity. This is a renewable form of energy production.
Primary energy	Primary energy designates energy from sources that involve only extraction or capture, with or without separation from contiguous material, cleaning or grading, before the energy embodied in that source can be converted into heat or mechanical work. Primary energy is not derived from any other forms of energy. By convention, sources of energy that occur naturally such as coal, natural gas, fuelwood are termed primary energy.
Primary energy input to hydro electricity	The primary energy input to hydro-electricity is defined as the energy value of the electricity generated from hydro.
Primary energy requirement	It is the sum of imported fuels and locally available fuels less re-exports to bunkers after adjusting for stock changes.
Production	Comprises gross production, i.e., the amount of electric energy produced, including that consumed by station auxiliaries and any losses in transformers that are considered integral parts of the power station.

Quintile	A statistical value of a data set that represents 20% of a given population. The first quintile represents the lowest fifth of the data (1-20%); the second quintile represents the second fifth (21% - 40%) etc.
Renewables or Renewable sources of energy	Renewables are natural resources that, after exploitation, can return to their previous stock levels by natural processes of growth or replenishment. Conditionally renewable resources are those whose exploitation eventually reaches a level beyond which regeneration will become impossible. Such is the case with the clear-cutting of tropical forests.
Secondary energy	Secondary energy designates energy from all sources of energy that results from transformation of primary sources. e.g charcoal from fuelwood.
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 – 2015

Introduction

This issue of the ‘Digest of Energy and Water Statistics, 2015’ covers the period 2006 to 2015 for energy statistics, and the years 2011 to 2015 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 2015, total primary energy requirement was 1534, ktoe, showing an increase of 2.8% compared to 1,492 ktoe in 2014. Consequently, this led to an increase of 3.4% in the per capita primary energy requirement from 1.18 toe in 2014 to 1.22 toe in 2015.

2.2.1 Primary energy requirement from fossil fuel

In 2015, around 84% (1,283 ktoe) of the total primary energy requirement was met from imported fossil fuels (petroleum products, 55% and coal, 29%) against 86% (1,279 ktoe) in the preceding year. The share of the different fossil fuels within the total primary energy requirement in 2015 was as follows: coal (29.1%), fuel oil (16.9%), diesel oil (13.7%), gasoline (10.6%), jet fuel kerosene (8.1%), Liquefied Petroleum Gas (LPG) - (5.2%) and kerosene (0.1%).

Energy supply from petroleum products increased by 2.1%: from 819 ktoe in 2014 to 836 ktoe in 2015. It comprised fuel oil (31.0%), diesel oil (25.1%), gasoline (19.5%), dual purpose kerosene (15.0%) and LPG (9.5%). Supply of coal decreased by 2.8%: from 460 ktoe in 2014 to 447 ktoe in 2015 - (Table 2.1).

2.2.2 Primary energy requirement from local sources (renewables)

In 2015, primary energy requirement obtained from local renewable sources namely: hydro, wind, landfill gas, photovoltaic, bagasse and fuelwood stood at 251 ktoe and it accounted for around 16% 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 0.71, same as the preceding year.

2.2.4 Imports of energy sources

Fossil fuel (petroleum products and coal) imports was 7.6% higher in 2015 (1,775 ktoe) than in 2014 (1,649 ktoe). Compared to 2014, imports of petroleum products went up by 9.1% (from 1,171 to 1,277 ktoe) and those of coal increased by 4.2% (from 479 to 499 ktoe) - (Table 2.3). In 2015, coal constituted around 28% of fossil fuel imports, fuel oil 24%, diesel oil 18%, dual purpose kerosene 16%, gasolene 9% and LPG 4%.

The import bill of petroleum products and coal decreased by 25.7% from Rs 31,146 million in 2014 to Rs 23,152 million in 2015 and accounted for around 14% of the total imports bill (Table 2.5). During the same period, the average imports price of kerosene (excluding jet fuel) went down by 32.1% , jet fuel kerosene by 31.3%, coal by 14.5%, fuel oil by 37.7%, LPG by 37.1%, gasolene by 26.2% and diesel oil by 31.6% - (Table 2.7).

2.2.5 Local production (renewable)

Total energy production from local renewable sources; hydro, wind, landfill gas, photovoltaic, bagasse and fuelwood increased by 18.4% from 212.3 ktoe in 2014 to 251.3 ktoe in 2015. This was due to an increase of: (i) 19.0% in the production of bagasse from 193.4 ktoe in 2014 to 230.1 ktoe in 2015, (ii) 4.8 % for photovoltaic from 2.1 ktoe to 2.2 ktoe and (iii) 34.6% for hydro from 7.8 ktoe to 10.5 ktoe. On the other hand, fuelwood went down by 5.8% from 6.9 ktoe to 6.5 ktoe and wind & landfill gas by 4.8% from 2.1 ktoe to 2.0 ktoe (Table 2.1)

2.2.6 Re-exports and bunkering

Out of the 1,775 ktoe of imported energy sources in 2015, around 425 ktoe (23.9%) were supplied to foreign marine vessels and aircraft, representing a rise of 4.2% compared to 408 ktoe in 2014.

Re-exports and bunkering of energy sources contributed 160.2 ktoe of fuel oil (37.7%), 147.5 ktoe of aviation fuel (34.7%) and 117.1 ktoe of diesel oil (27.6%) - (Table 2.6).

2.3 Electricity

2.3.1 Electricity generation

The peak power demand in 2015 reached 459.9 Megawatt (MW) in the Island of Mauritius as compared with 446.2 MW in 2014, up by 3.1% - (Table 3.1).

Some 2,996 Gigawatt hour, GWh (258 ktoe) of electricity was generated in 2015. Around 77% (2,315 GWh or 199 ktoe) of the electricity was generated from non-renewable sources, mainly coal and fuel oil while the remaining 23% (681 GWh or 59 ktoe) were from renewable sources, mostly bagasse - (Table 3.5).

Between 2014 and 2015,

- Total electricity generated increased by 2.0% from 2,937 GWh to 2,996 GWh;
- Electricity generated from coal decreased by 6.2% from 1,260 GWh to 1,182 GWh and that from fuel oil and diesel oil together increased by 4.8% from 1,079 GWh to 1,131 GWh (Table 3.3); and
- Electricity generated from renewable sources increased from 596 GWh to 681 GWh, up by 14.3%. Photovoltaic increased by 5.3% from 24.6 GWh to 25.9 GWh, bagasse by 11.7% from 456.2 Gwh to 509.8 Gwh and hydro by 34.3% from 90.8 Gwh to 121.9 Gwh. On the other hand, landfill gas went down by 4.2% from 21.3 Gwh to 20.4 Gwh and wind by 15.6% from 3.2 Gwh to 2.7 Gwh (Table 3.5)

The Independent Power Producers produced around 58% of the total electricity generated while the Central Electricity Board the remaining 42% (Table 3.6)

Thermal energy represented around 95% of overall generation.

2.3.2 Fuel input for electricity generation

Table 3.7 shows the fuel input (petroleum products, coal and bagasse) for electricity generation and indicates that:

- In 2015, coal (50.2%) was the major fuel used to produce electricity followed by fuel oil (26.1%) and bagasse (23.5%);
- Between 2014 and 2015, fuel input increased by 3.0% from 820 ktoe to 845 ktoe;
- Input of fuel oil increased by 3.7% (from 212.5 ktoe in 2014 to 220.4 ktoe in 2015) while that of coal decreased by 3.8% (from 441.0 ktoe in 2014 to 424.3 ktoe in 2015)
- Some 198.5 ktoe of bagasse was used to produce electricity in 2015 compared to 164.9 ktoe in 2014, up by 20.4%.

2.3.3 Electricity sales and consumption

Electricity sales increased by 2.2% from 2,452 GWh (211 ktoe) in 2014 to 2,505 GWh (215 ktoe) in 2015. 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 2015 was respectively 37%, 33%, and 29% - (Table 4.7).

The per capita consumption of electricity sold went up by 2.0% from 1,945 kWh in 2014 to 1,984 kWh in 2015 - (Table 1.1).

2.4 Final energy consumption

Final energy consumption is the total amount of energy required by end users as a final product. End-users are mainly categorized into five sectors namely: manufacturing, transport, commercial and distributive trade, households and agriculture. Final energy consumption increased by 2.4% from 892 ktoe in 2014 to 913 ktoe in 2015.

The two main energy-consuming sectors were “Transport” and “Manufacturing”, accounting respectively for 50.7% and 23.7% of the energy consumed. They were followed by the household sector (14.2%), commercial and distributive trade (10.5%) and agriculture (0.5%) - (Table 4.2).

2.4.1 Transport

Energy consumed by the “Transport” sector, which represents around 51% of the total final energy consumption went up by 2.0% from 454.1 ktoe in 2014 to 463.1 ktoe in 2015. Consumption of fuel for land transport increased from 319.1 ktoe to 330.8 ktoe (+3.7%). The principal energy used in road transport was diesel.

Consumption of aviation fuel decreased from 126.8 ktoe in 2014 to 124.3 ktoe in 2015 (-2.0%) and fuel consumed by sea transport remained at around 8.0 ktoe.

2.4.2 Manufacturing

Some 216.2 ktoe (around 24%) of the total final energy consumption was used by the manufacturing sector in 2015 against 210.7 ktoe in 2014, down by 2.6%. The main energy consumed by the sector was as follows: electricity (82.7 ktoe), fuel oil (35.7 ktoe), diesel oil (37.0 ktoe), bagasse (31.6 ktoe) and coal (22.6 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 3.2% from 92.5 ktoe in 2014 to 95.5 ktoe in 2015.

Electricity was the main source of energy in the “Commercial and Distributive Trade” sector and its consumption increased from 77.0 ktoe to 78.9 ktoe (+2.5%). LPG consumption went up by 7.2% from 15.2 ktoe to 16.3 ktoe.

2.4.4 Household

Final energy consumed by households (excluding transport) represented around 14% (129.9 ktoe) of the total energy consumption. The two main sources of energy for households were electricity and LPG, representing 55% and 41% respectively.

Between 2014 and 2015, household consumption of electricity and LPG rose by 3.2% and 3.1% respectively.

2.4.5 Agriculture

Final energy consumption in the agricultural sector stood at 4.2 ktoe in 2015, 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 2015, some 1.9 ktoe of electricity were used mainly for irrigation compared to 2.3 ktoe in 2014 while consumption of diesel oil, which was used for mechanical operations in fields remained at 2.3 ktoe in 2015.

3. Water

3.1 Water Balance

In 2015, the Island of Mauritius received 4,433 million cubic metres (Mm³) of precipitation (rainfall). Only 10% (443 Mm³) of the precipitation went as ground water recharge, while evapotranspiration and surface runoff accounted for 30% (1,330 Mm³) and 60% (2,660 Mm³) respectively - (Figure 5.1).

3.2 Water utilisation

Total water utilisation was estimated at 973 Mm³ in 2015. The agricultural sector accounted for 35% (343 Mm³) of the water utilised. Hydropower constituted 37% (361 Mm³) and domestic, industrial and tourism sector represented the remaining 28% (269 Mm³) (Table 5.2).

Compared to 2014, water utilisation went up by 8.7%, from 895 to 973 Mm³ with changes in each sector as follows: hydropower (+31.3%), agricultural (-8.0%) and domestic, industrial and tourism (+8.9%)

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

3.3 Rainfall

During the year 2015, the mean amount of rainfall recorded around the Island of Mauritius was 2,377 millimetres (mm), representing an increase of 13.5% compared to 2,094 mm in 2014 and an increase of 18.7% from the long term (1981-2010) mean of 2,003 mm.

The wettest month in 2015 was January with a mean of 455 mm, which represents a surplus of 73.0% relative to the long term (1981-2010) mean of 263 mm. September was the driest month with a mean of 46 mm of rainfall registering a deficit of 52.1% compared to the long term (1981-2010) mean of 96 mm - (Table 5.5)

The mean rainfall registered in Rodrigues at Pointe Canon in 2015 was 1,272 mm compared to 1,145 mm in 2014, up by 11.1%. The highest amount of rainfall with 303 mm was recorded in the month of January while the least amount was in November with 22 mm - (Table 5.6).

3.4 Water storage level

In 2015, 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	63 (January)	100 (February to March & August)
Midlands Dam	25.50	61 (January)	100 (January to August)
La Ferme	11.52	46 (January)	87 (March)
Mare Longue	6.28	0 (December)	100 (January & March)
La Nicoliere	5.26	60 (December)	100 (January to September)
Piton du Milieu	2.99	50 (December)	100 (January to April & June to August)

The mean percentage water level for all reservoirs (excluding Midlands Dam) varied from 59% to 95% in 2015. 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).

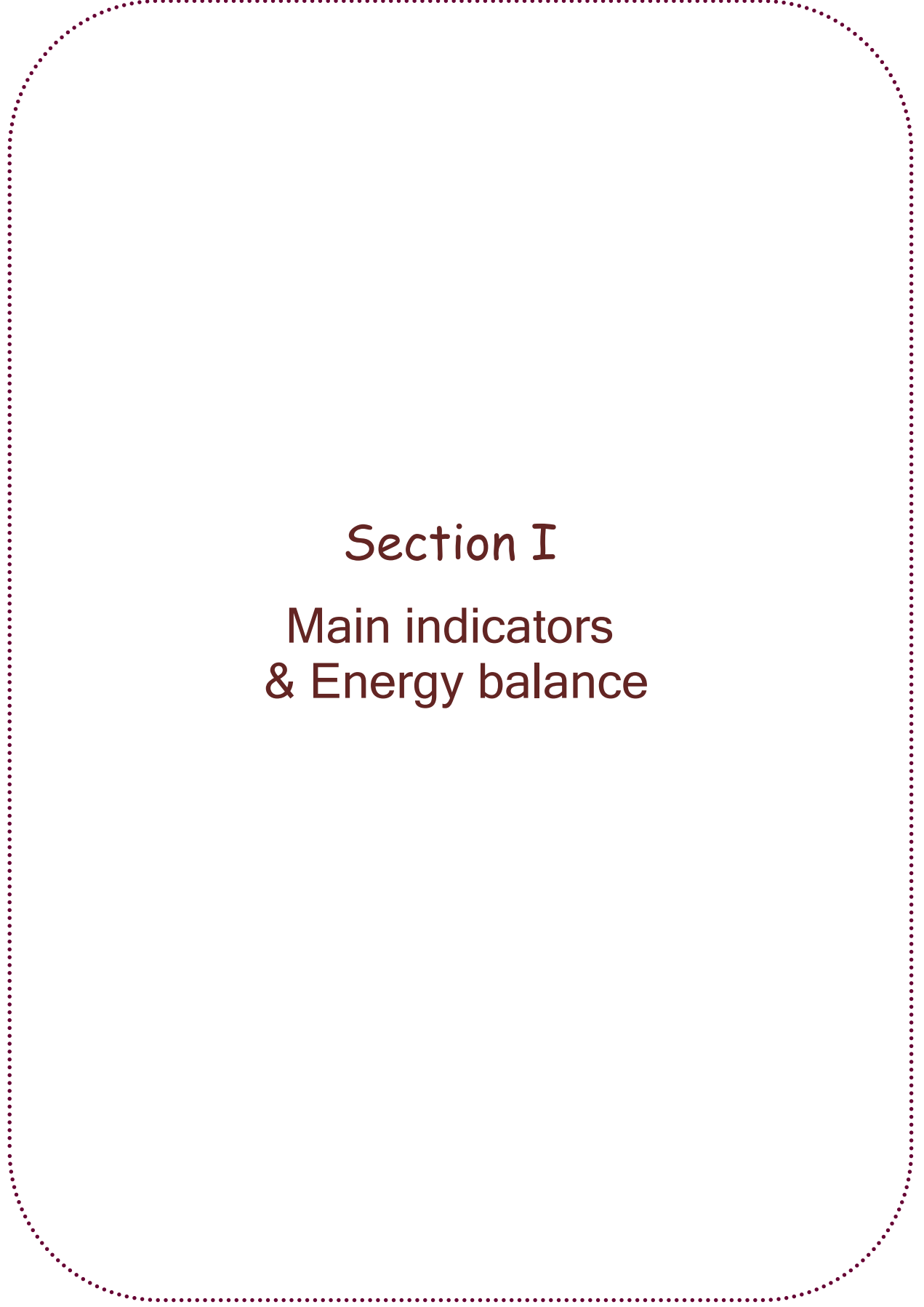
3.5 Water production

The total volume of potable water treated by the different treatment plants increased by 7.0% from 229 Mm³ in 2014 to 245 Mm³ in 2015. The average production from surface water and boreholes represented 46% and 54% respectively in 2015 - (Table 5.8).

3.6 Water sales and revenue collectible

Total volume of water sold increased from 111.8 Mm³ in 2014 to 122.6 Mm³ in 2015. Potable water made up 80.0% of the volume sold and the remaining 20.0% consisted of non-treated water. Water for domestic consumption was 75.1 Mm³, accounting for 61.2% of the total volume of water sold.

The amount of revenue collectible from the sales of water for the year 2015 was Rs 1,445.8 million, which is an increase of around 5.9%, over the amount of Rs 1,365.0 million collected in 2014 - (Table 5.10).



Section I
**Main indicators
& Energy balance**

Table 1.1 - Main energy indicators, 2006 - 2015

Indicators	Unit	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015 ¹
Mid-year population	thousand	1,234	1,240	1,244	1,247	1,250	1,252	1,256	1,259	1,261	1,263
GDP in 2000 rupees ²	Rs.Million	150,509	159,088	167,679	173,212	180,834	188,248	194,837	201,461	208,915	216,227
GDP index (2000 = 100) ²		123.0	130.0	137.0	141.5	147.7	153.8	159.2	164.6	170.7	176.6
Total primary energy requirement	ktoe	1,376.8	1,381.8	1,404.4	1,346.9	1,430.7	1,426.9	1,427.6	1,454.8	1,491.7	1,534.4
<i>Of which local (renewables)</i>	%	18.5	17.8	18.8	17.5	16.9	16.2	15.6	15.1	14.2	16.4
Annual increase	%	+6.5	+0.4	+1.6	-4.1	+6.2	-0.3	+0.1	+1.9	+2.5	+2.9
Total primary energy requirement index (Base 2000 = 100)		123.7	124.1	126.2	121.0	128.5	128.2	128.3	130.7	134.0	137.9
Total final energy consumption	ktoe	876	858	842	809	854	863	854	871	892	913
<i>Of which renewables</i>	%	9.3	8.4	5.4	5.4	5.8	5.4	4.8	4.5	3.9	4.1
Total electricity generated	GWh	2,350	2,465	2,557	2,577	2,689	2,739	2,797	2,885	2,937	2,996
<i>Of which renewables</i>	%	22.2	22.4	23.3	23.6	21.5	20.0	20.3	20.6	20.3	22.7
Total electricity sold	GWh	1,880	1,975	2,054	2,069	2,174	2,228	2,294	2,384	2,452	2,505
Average sales price of electricity	Rs/kWh	3.60	3.79	4.90	5.15	5.31	5.64	5.71	5.67	5.73	5.74
Efficiency Indicators											
Import dependency	%	81.51	82.21	81.24	82.45	83.11	83.80	84.43	84.92	85.77	83.62
Energy intensity ²	toe per Rs.100,000 GDP at 2000 prices	0.91	0.87	0.84	0.78	0.79	0.76	0.73	0.72	0.71	0.71
Per capita primary energy requirement	toe	1.12	1.11	1.13	1.08	1.14	1.14	1.14	1.16	1.18	1.22
Per capita final energy consumption	toe	0.71	0.69	0.68	0.65	0.68	0.69	0.68	0.69	0.71	0.72
Per capita consumption of electricity sold											
- Republic of Mauritius	kWh	1,523	1,593	1,651	1,659	1,739	1,779	1,827	1,894	1,945	1,984
- Island of Mauritius	kWh	1,552	1,624	1,683	1,692	1,774	1,816	1,866	1,934	1,986	2,026
- Island of Rodrigues	kWh	643	638	645	660	661	664	675	707	735	780
Per capita consumption of electricity consumed	kWh	1,708	1,783	1,852	1,877	1,963	1,997	2,040	2,112	2,149	2,195
Electricity consumption per household	kWh	1,876	1,923	1,924	1,980	2,042	2,058	2,109	2,157	2,199	2,238

¹ Provisional

² Revised

Table 1.2- Energy balance, 2015 (tonne of oil equivalent)

		Tonne of oil equivalent (toe)																
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	-	-	-	-	-	-	-	-	6,504	-	10,482	231	1,751	2,225	230,072	251,265	-	251,265
Imports	498,624	167,102	321,891	279,551	2,596	427,335	78,256	1,276,730	-	-	-	-	-	-	-	-	-	1,775,355
Re-exports and bunkering	-	-	(117,145)	(147,543)	-	(160,160)	-	(424,847)	-	-	-	-	-	-	-	-	-	(424,847)
Stock change / Statistical error	(51,738)	(4,065)	4,823	(7,671)	(1,689)	(7,950)	950	(15,602)	-	-	-	-	-	-	-	-	-	(67,340)
Total Primary Energy Requirement	446,886	163,036	209,569	124,337	907	259,225	79,206	836,281	6,504	-	10,482	231	1,751	2,225	230,072	251,265	-	1,534,432
Public electricity generation plant	-	-	(1,095)	-	(771)	(220,388)	-	(222,253)	-	-	(10,482)	(231)	-	-	-	(10,713)	108,172	(124,794)
Autoproducer plants	(424,296)	-	-	-	-	-	-	-	-	-	-	-	(1,751)	(2,225)	(198,448)	(202,424)	149,448	(477,272)
Other transformation	-	-	-	-	-	-	-	-	(833)	406	-	-	-	-	-	(427)	-	(427)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,821)	(3,821)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(15,261)	(15,261)
Total Final Consumption	22,590	163,036	208,474	124,337	136	38,838	79,206	614,028	5,672	406	-	-	-	-	31,623	37,700	238,538	912,857
Manufacturing sector	22,590	-	36,958	-	-	35,715	6,126	78,799	494	-	-	-	-	-	31,623	32,117	82,716	216,222
Transport sector ¹	-	163,036	169,187	124,337	-	3,123	3,445	463,129	-	-	-	-	-	-	-	-	-	463,129
Commercial and distributive trade sector	-	-	-	-	-	-	16,307	16,307	-	333	-	-	-	-	-	333	78,883	95,523
Household	-	-	-	-	136	-	53,020	53,157	5,178	73	-	-	-	-	-	5,250	71,473	129,880
Agriculture	-	-	2,329	-	-	-	-	2,329	-	-	-	-	-	-	-	-	1,878	4,207
Other	-	-	-	-	-	-	308	308	-	-	-	-	-	-	-	-	3,588	3,896

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

Table 1.3 - Energy balance, 2015 (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	-	-	-	-	-	-	-	-	272	-	439	10	73	93	9,633	10,520	-	10,520
Imports	20,876	6,996	13,477	11,704	109	17,892	3,276	53,454	-	-	-	-	-	-	-	-	-	74,331
Re-exports and bunkering	-	-	(4,905)	(6,177)	-	(6,706)	-	(17,788)	-	-	-	-	-	-	-	-	-	(17,788)
Stock change / Statistical error	(2,166)	(170)	202	(321)	(71)	(333)	40	(653)	-	-	-	-	-	-	-	-	-	(2,819)
Total Primary Energy Requirement	18,710	6,826	8,774	5,206	38	10,853	3,316	35,013	272	-	439	10	73	93	9,633	10,520	-	64,244
Public electricity generation plant	-	-	(46)	-	(32)	(9,227)	-	(9,305)	-	-	(439)	(10)	-	-	-	(449)	4,529	(5,225)
Autoproducer plants	(17,764)	-	-	-	-	-	-	-	-	-	-	-	(73)	(93)	(8,309)	(8,475)	6,257	(19,982)
Other transformation	-	-	-	-	-	-	-	-	(35)	17	-	-	-	-	-	(18)	-	(18)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(160)	(160)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(639)	(639)
Total Final Consumption	946	6,826	8,728	5,206	6	1,626	3,316	25,708	237	17	-	-	-	-	1,324	1,578	9,987	38,219
Manufacturing sector	946	-	1,547	-	-	1,495	256	3,299	21	-	-	-	-	-	1,324	1,345	3,463	9,053
Transport sector ¹	-	6,826	7,084	5,206	-	131	144	19,390	-	-	-	-	-	-	-	-	-	19,390
Commercial and distributive trade sector	-	-	-	-	-	-	683	683	-	14	-	-	-	-	-	14	3,303	3,999
Household	-	-	-	-	6	-	2,220	2,226	217	3	-	-	-	-	-	220	2,992	5,438
Agriculture	-	-	98	-	-	-	-	98	-	-	-	-	-	-	-	-	79	176
Other	-	-	-	-	-	-	13	13	-	-	-	-	-	-	-	-	150	163

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

Table 1.4 - Energy balance, 2014 (tonne of oil equivalent)

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

¹ includes fuel used for transport by all sectors

Note: figures in brackets represent negative quantities

Table 1.5 - Energy balance, 2014 (Terajoules)

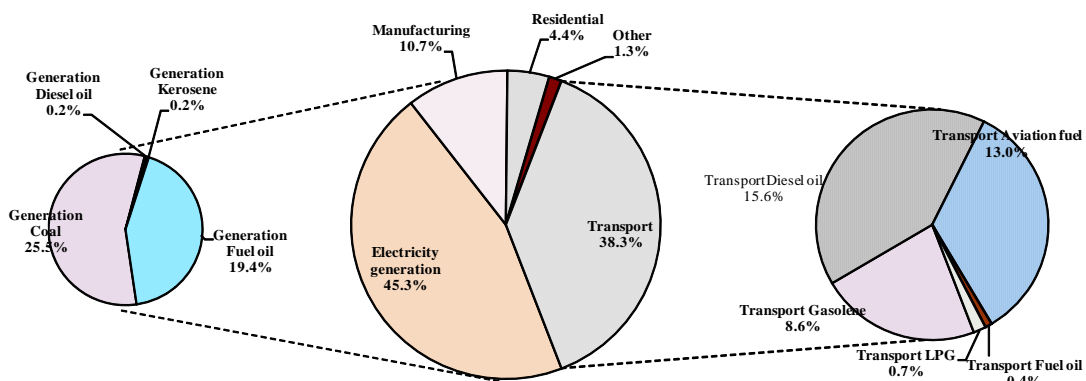
Source Flow		Fossil fuels							Renewables							Electricity	Total	
		Coal	Petroleum products						Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse			Total Renewables
			Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG										
Local production	-	-	-	-	-	-	-	-	291	-	327	11	77	89	8,096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

¹ includes fuel used for transport by all sectors

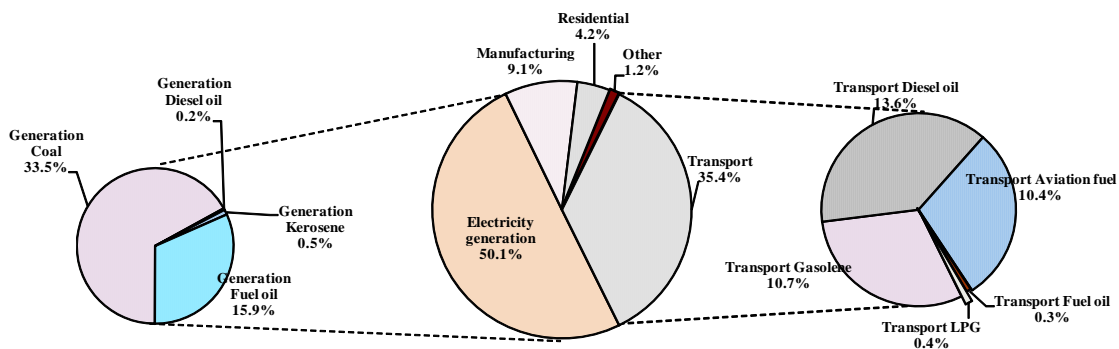
Note: figures in brackets represent negative quantities

Fig 1.1 - Percentage share of consumption ('Transformation' + 'Final energy consumption') of petroleum products and coal by sector - 2006, 2010 and 2015

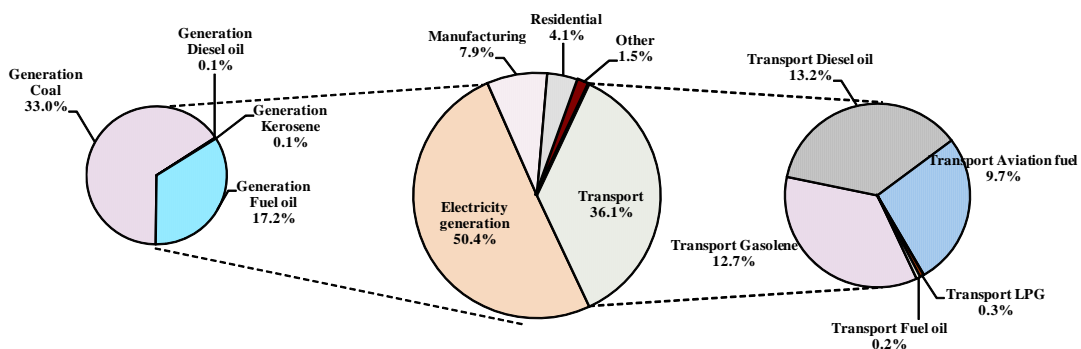
2006



2010



2015



Section II

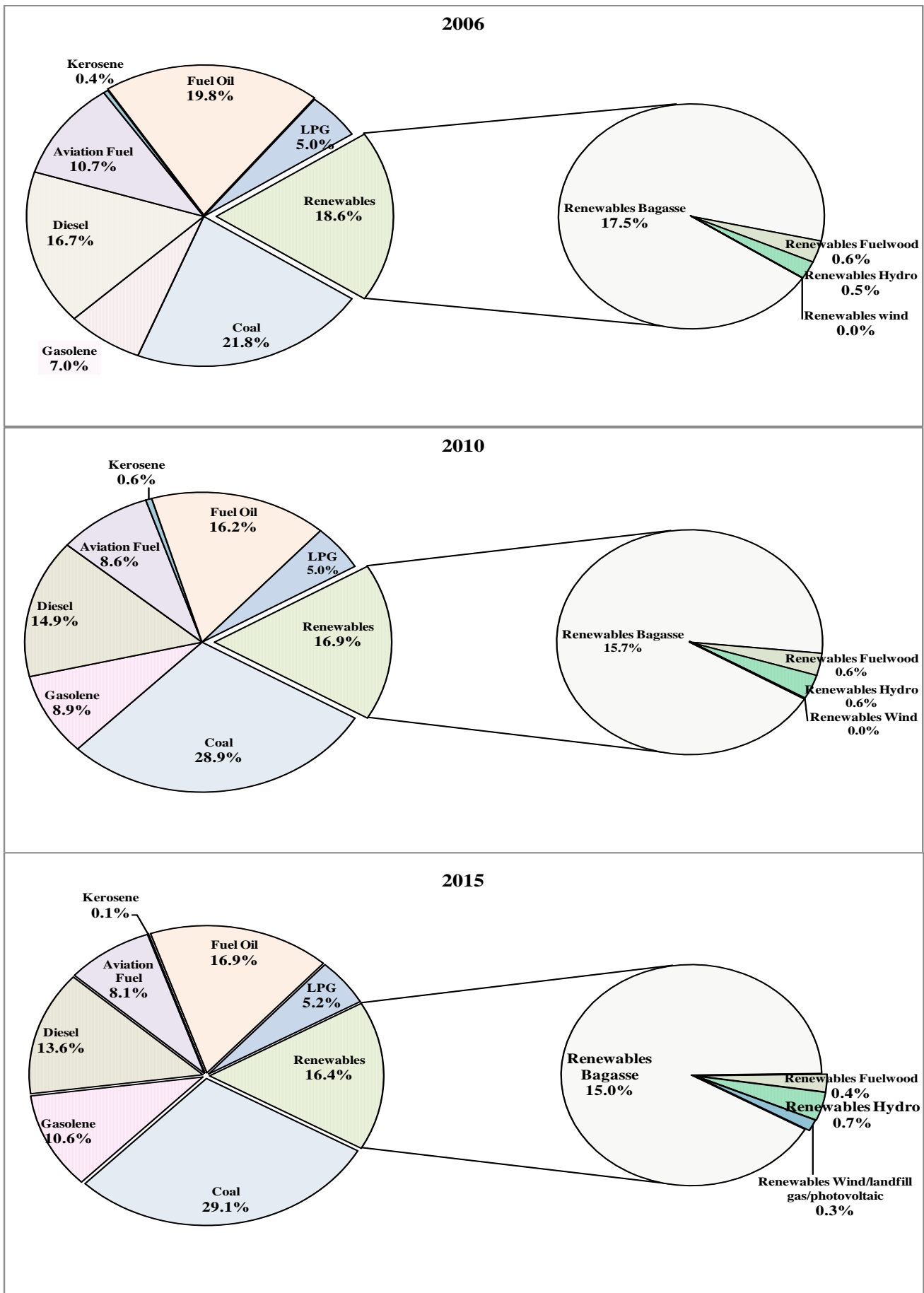
Primary energy requirement

Table 2.1 - Primary energy requirement, 2006 - 2015

Energy source	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
	Physical unit (Thousand tonne\GWh)										
Imported (Fossil fuels)											
Coal	484.5	572.6	651.4	595.7	667.8	641.5	674.8	710.7	742.5	720.8	
Petroleum products											
Gasolene	89.1	98.9	101.4	111.7	118.2	120.4	126.5	132.1	140.5	151.0	
Diesel Oil	228.3	205.3	203.4	204.6	211.5	208.0	211.3	205.0	206.0	207.5	
Dual Purpose Kerosene	146.8	140.4	135.5	112.6	126.3	133.3	114.3	116.9	122.8	120.4	
<i>Kerosene</i>	5.8	2.3	3.9	6.4	7.7	4.2	3.7	0.8	0.8	0.9	
<i>Aviation Fuel</i>	141.1	138.1	131.6	106.2	118.6	129.2	110.6	116.1	122.0	119.6	
Fuel Oil	284.6	262.4	222.2	237.4	241.9	258.4	255.7	258.9	265.5	270.0	
LPG	63.9	63.8	62.9	63.8	65.0	65.9	67.3	69.3	71.0	73.3	
Local (Renewables)											
Hydro	GWh	76.6	83.9	108.0	122.4	100.7	56.5	74.1	94.8	90.8	121.9
Wind	GWh	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.2	2.7
Landfill Gas	GWh	-	-	-	-	-	3.1	17.8	20.0	21.3	20.4
Photovoltaic	GWh	-	-	-	-	-	-	0.9	2.7	24.6	25.9
Bagasse ¹		1,500.2	1,440.9	1,540.2	1,362.3	1,406.4	1,363.3	1,290.9	1,260.7	1,208.5	1,437.9
Fuelwood ¹		21.0	21.1	20.3	20.3	20.3	20.1	19.8	19.2	18.3	17.1
	Energy unit (ktoe)										
Imported (Fossil fuels)	1,122.1	1,136.0	1,140.9	1,110.6	1,189.0	1,195.7	1,205.3	1,235.4	1,279.4	1,283.2	
Coal	300.4	355.0	403.9	369.3	414.1	397.7	418.4	440.6	460.3	446.9	
Petroleum products	821.8	781.0	737.0	741.2	775.0	798.0	786.9	794.7	819.0	836.3	
Gasolene	96.2	106.9	109.5	120.6	127.7	130.0	136.6	142.7	151.7	163.0	
Diesel Oil	230.6	207.4	205.4	206.7	213.6	210.1	213.4	207.0	208.0	209.6	
Dual Purpose Kerosene	152.7	146.0	140.9	117.2	131.3	138.7	118.8	121.6	127.7	125.2	
<i>Kerosene</i>	6.0	2.4	4.0	6.7	8.0	4.3	3.8	0.9	0.9	0.9	
<i>Aviation Fuel</i>	146.7	143.6	136.9	110.5	123.3	134.3	115.0	120.7	126.8	124.3	
Fuel Oil	273.3	251.9	213.3	227.9	232.2	248.1	245.4	248.5	254.8	259.2	
LPG	69.0	68.9	67.9	68.9	70.2	71.1	72.7	74.9	76.7	79.2	
Local (Renewables)	254.6	245.8	263.5	236.3	241.6	231.1	222.3	219.4	212.3	251.3	
Hydro	6.6	7.2	9.3	10.5	8.7	4.9	6.4	8.2	7.8	10.5	
Wind	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.2	
Landfill Gas	-	-	-	-	-	0.3	1.5	1.7	1.8	1.8	
Photovoltaic	-	-	-	-	-	-	0.1	0.2	2.1	2.2	
Bagasse	240.0	230.5	246.4	218.0	225.0	218.1	206.5	201.7	193.4	230.1	
Fuelwood	8.0	8.0	7.7	7.7	7.7	7.6	7.5	7.3	6.9	6.5	
Total	1,376.8	1,381.8	1,404.4	1,346.9	1,430.7	1,426.8	1,427.6	1,454.8	1,491.7	1,534.4	
	Percentage (%)										
Imported (Fossil fuels)	81.5	82.2	81.2	82.5	83.1	83.8	84.4	84.9	85.8	83.6	
Coal	21.8	25.7	28.8	27.4	28.9	27.9	29.3	30.3	30.9	29.1	
Petroleum products	59.7	56.5	52.5	55.0	54.2	55.9	55.1	54.6	54.9	54.5	
Gasolene	7.0	7.7	7.8	9.0	8.9	9.1	9.6	9.8	10.2	10.6	
Diesel Oil	16.7	15.0	14.6	15.3	14.9	14.7	14.9	14.2	13.9	13.7	
Dual Purpose Kerosene	11.1	10.6	10.0	8.7	9.2	9.7	8.3	8.4	8.6	8.2	
<i>Kerosene</i>	0.4	0.2	0.3	0.5	0.6	0.3	0.3	0.1	0.1	0.1	
<i>Aviation Fuel</i>	10.7	10.4	9.7	8.2	8.6	9.4	8.1	8.3	8.5	8.1	
Fuel Oil	19.8	18.2	15.2	16.9	16.2	17.4	17.2	17.1	17.1	16.9	
LPG	5.0	5.0	4.8	5.1	4.9	5.0	5.1	5.1	5.1	5.2	
Local (Renewables)	18.5	17.8	18.8	17.5	16.9	16.2	15.6	15.1	14.2	16.4	
Hydro	0.5	0.5	0.7	0.8	0.6	0.3	0.4	0.6	0.5	0.7	
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Landfill Gas	-	-	-	-	-	0.0	0.1	0.1	0.1	0.1	
Photovoltaic	-	-	-	-	-	-	0.0	0.0	0.1	0.1	
Bagasse	17.4	16.7	17.5	16.2	15.7	15.3	14.5	13.9	13.0	15.0	
Fuelwood	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

¹ Estimates

Fig 2.1 - Percentage share of energy sources within the Primary Energy Requirement - 2006, 2010 and 2015



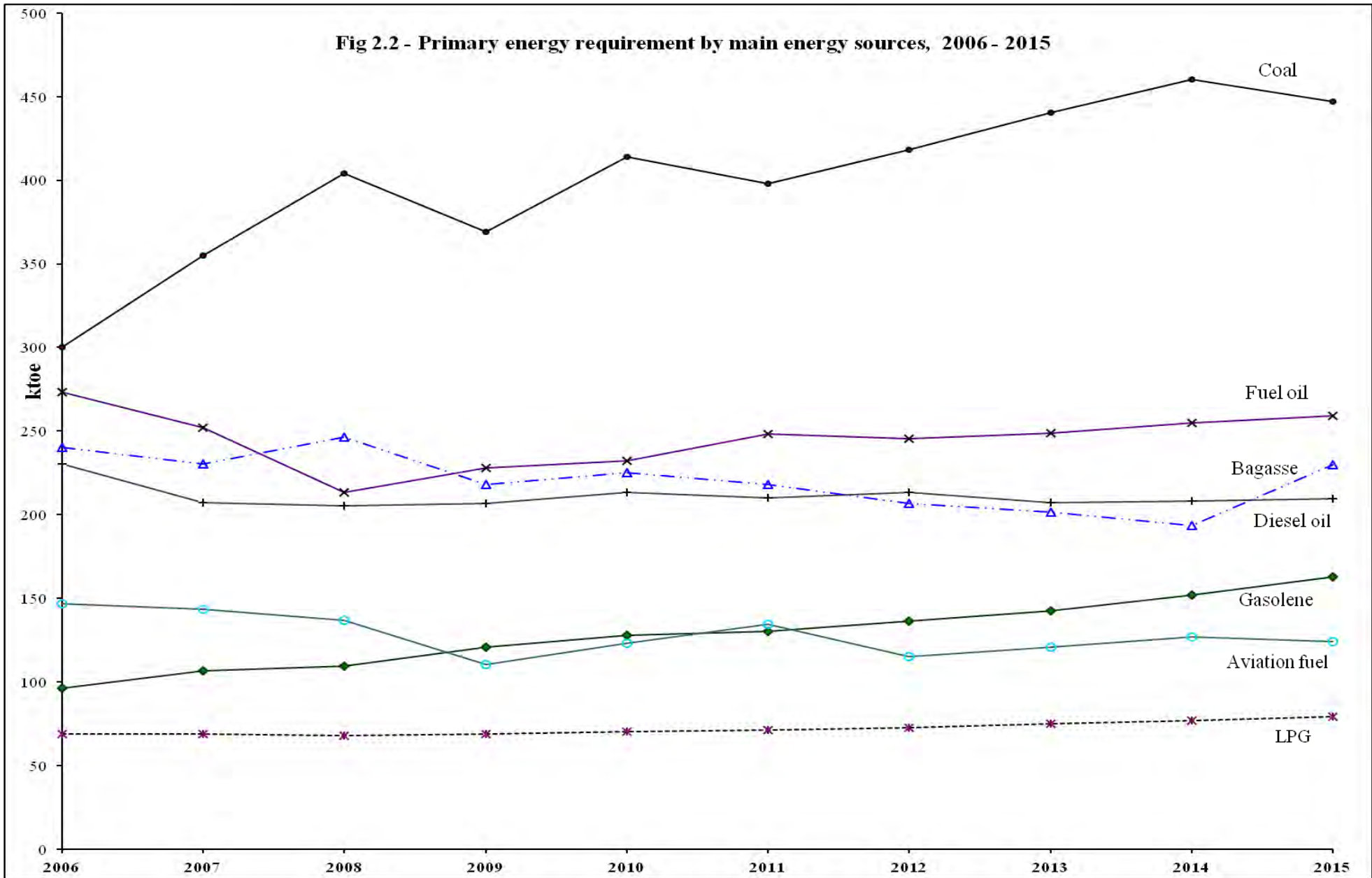


Table 2.2 - Imports of energy sources (Physical unit), 2006 - 2015

Energy source	Thousand tonne									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Fossil fuels										
Coal	490.3	647.8	606.5	559.9	660.6	660.2	729.3	708.3	771.8	804.2
Gasolene	88.9	96.4	108.5	104.4	120.9	116.7	128.2	138.2	137.9	154.7
Diesel oil	327.5	307.5	328.5	288.0	310.4	309.9	313.8	336.1	303.6	318.7
Dual Purpose Kerosene	242.0	266.4	268.1	208.8	241.6	230.7	220.1	243.9	234.2	271.3
<i>Aviation Fuel</i>	236.0	262.6	262.2	204.7	234.9	226.4	213.0	241.1	232.0	268.8
<i>Kerosene</i>	6.0	3.7	5.9	4.1	6.7	4.3	7.0	2.8	2.2	2.5
Fuel oil	304.4	333.9	291.0	343.7	341.5	434.8	401.2	429.1	406.4	445.1
LPG	58.8	62.8	63.1	62.6	62.7	66.3	67.9	68.2	75.6	72.5

Table 2.3 - Imports of energy sources (Energy unit), 2006 - 2015

Energy source	ktoe									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Fossil fuels										
Coal	304.0	401.6	376.0	347.1	409.6	409.3	452.2	439.2	478.5	498.6
Petroleum products	1,034.1	1,080.0	1,075.3	1,018.4	1,090.9	1,168.0	1,142.7	1,228.0	1,170.9	1,276.7
Gasolene	96.0	104.1	117.2	112.8	130.6	126.0	138.4	149.3	148.9	167.1
Diesel oil	330.8	310.6	331.7	290.9	313.5	313.0	316.9	339.5	306.7	321.9
Dual Purpose Kerosene	251.7	277.0	278.8	217.2	251.3	239.9	228.8	253.7	243.6	282.1
<i>Aviation Fuel</i>	245.4	273.1	272.7	212.9	244.2	235.4	221.5	250.7	241.3	279.6
<i>Kerosene</i>	6.3	3.9	6.1	4.3	7.0	4.5	7.3	3.0	2.3	2.6
Fuel oil	292.2	320.6	279.4	330.0	327.8	417.4	385.2	411.9	390.2	427.3
LPG	63.5	67.8	68.2	67.6	67.7	71.6	73.3	73.7	81.6	78.3
Total imports	1,338.1	1,481.7	1,451.4	1,365.6	1,500.5	1,577.3	1,594.9	1,667.2	1,649.4	1,775.4

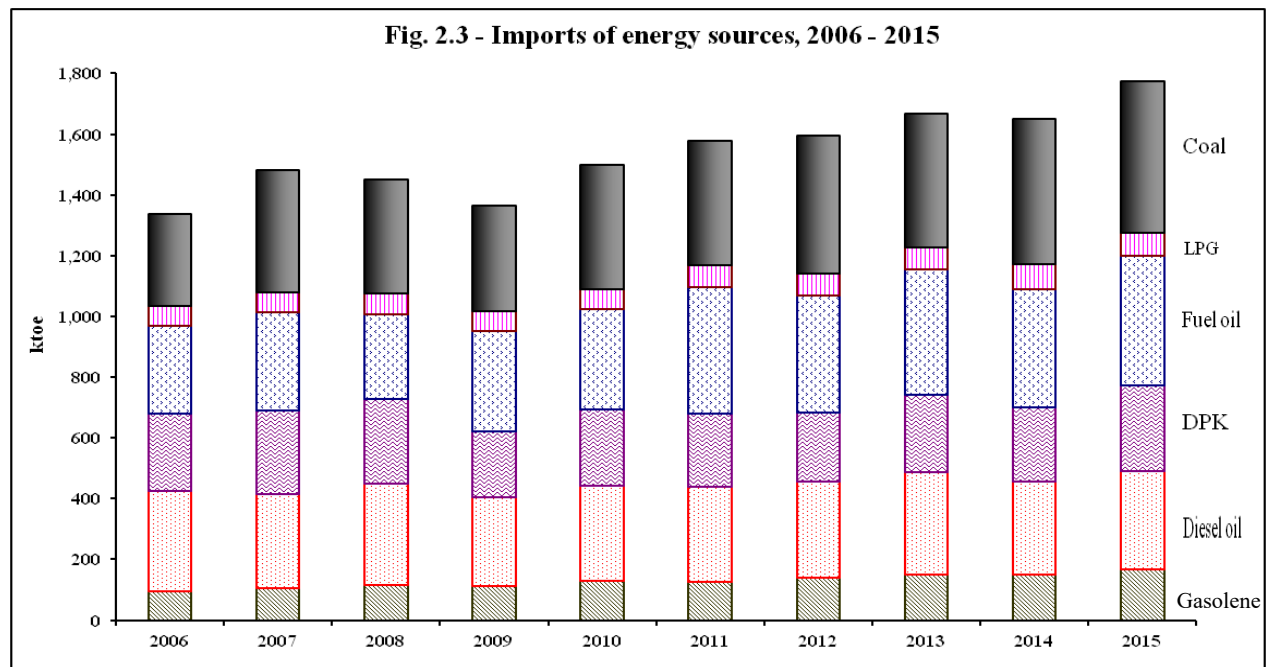


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 2006 - 2015

	Tonne									
Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coal	490,324	647,782	606,532	559,900	660,620	660,157	729,327	708,334	771,794	804,233
China	-	-	-	-	-	-	14	-	50	-
India	-	-	-	-	-	-	-	13	-	-
Mozambique	80,723	-	-	-	-	128,415	89,205	3,081	-	-
South Africa	409,601	647,782	606,532	559,900	660,620	531,742	640,108	705,240	771,744	804,233
Gasolene	88,880	96,387	108,509	104,435	120,932	116,680	128,170	138,216	137,893	154,724
Bahrain	12,985	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	8.84	-
India	48,497	96,387	108,509	104,435	120,932	116,680	128,170	138,216	137,882	154,724
Saudi Arabia	4,793	-	-	-	-	-	-	-	-	-
United Arab Emirates	22,605	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	1.87	-
Diesel	327,492	307,485	328,453	288,015	310,363	309,892	313,769	336,102	303,622	318,704
Bahrain	14,525	-	-	-	-	-	-	-	7,742	5,841
France	-	-	-	-	-	-	-	-	0.25	0.50
Netherlands	-	-	-	-	-	-	-	-	-	0.10
India	187,927	307,485	328,453	288,015	310,363	309,892	313,769	336,102	266,772	305,005
Reunion Island	-	-	-	-	-	-	-	-	-	0.19
Saudi Arabia	108,131	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	2,674	5,340
South Africa	-	-	-	-	-	-	-	-	26,434	2,517
United Arab Emirates	16,909	-	-	-	-	-	-	-	-	-
Kerosene (excl. jet fuel)	6,026	3,723	5,910	4,144	6,749	4,292	7,043	2,843	2,208	2,496
Bahrain	3,106	-	-	-	-	-	-	-	-	-
India	1,622	2,987	5,910	4,144	6,749	4,292	7,043	2,843	2,206	2,496
Qatar	156	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	1.64	0.14
Saudi Arabia	1,142	-	-	-	-	-	-	-	-	-
Seychelles	-	736	-	-	-	-	-	-	0.16	0.21
Jet fuel type kerosene	235,965	262,627	262,206	204,700	234,851	226,392	213,003	241,065	231,976	268,799
Bahrain	37,767	-	-	-	-	-	-	-	0.07	-
France	-	-	-	-	-	-	-	-	0.59	0.54
India	109,056	257,687	262,206	204,700	234,851	226,392	213,003	241,065	231,975	268,798
Netherlands	-	-	-	-	-	-	-	-	-	0.08
Qatar	12,734	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	0.21	0.20
Saudi Arabia	76,408	-	-	-	-	-	-	-	-	-
Seychelles	-	4,940	-	-	-	-	-	-	0.15	0.08
Fuel Oil	304,391	333,939	291,046	343,739	341,465	434,793	401,205	429,072	406,433	445,140
France	-	-	-	-	-	-	-	-	24.01	-
India	98,970	333,939	291,046	343,739	341,465	434,793	401,205	429,072	381,615	398,021
Reunion Island	-	-	-	-	-	-	-	-	-	0.42
South Africa	31,471	-	-	-	-	-	-	-	-	233
United Arab Emirates	173,950	-	-	-	-	-	-	-	24,794	38,540
Ukraine	-	-	-	-	-	-	-	-	-	8,346
LPG	58,762	62,763	63,110	62,561	62,712	66,330	67,902	68,221	75,581	72,459
Angola	-	-	-	-	2,451	-	-	-	-	-
Australia	6,191	-	2,969	4,949	7,769	2,484	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	13,633	-	-	-	-
France	-	-	-	-	-	-	-	-	3	-
Guinea	-	-	19,663	-	16,420	-	-	-	0.26	-
India	-	-	5,970	2,384	-	-	-	4,798	-	6,535
Indonesia	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	30,818	14,423	5,418	-	-	-	-
Korea, republic of	-	-	-	-	-	-	-	-	1	-
Madagascar	-	-	5,544	5,837	-	-	-	-	-	-
Malaysia	29,660	-	-	-	-	-	-	-	-	-
Oman	12,915	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	50,841	19,842	-	2,499	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	5,011	-
South Africa	8,446	36	6,571	-	-	12	-	-	14	-
Taiwan	-	-	2,551	-	-	-	-	-	-	-
United Arab Emirates	1,550	11,886	-	14,994	19,150	44,783	67,902	63,423	70,552	65,924
Vietnam	-	-	-	3,579	-	-	-	-	-	-

Table 2.5 - Imports value of energy sources by country of origin, 2006 - 2015

	Value (c.i.f): Rs(000)									
Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coal	954,265	1,597,689	2,174,661	1,792,027	2,324,445	2,641,252	2,559,336	2,119,838	2,132,777	1,900,231
China	-	-	-	-	-	-	43	-	126	-
India	-	-	-	-	-	-	-	39	-	-
Mozambique	141,251	-	-	-	-	509,746	326,700	9,306	-	-
South Africa	813,014	1,597,689	2,174,661	1,792,027	2,324,445	2,131,506	2,232,593	2,110,493	2,132,650	1,900,231
Gasolene	1,877,318	2,180,054	2,690,298	2,022,369	3,084,361	3,431,101	4,113,372	4,424,210	4,094,146	3,388,246
Bahrain	301,504	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	267	-
India	1,023,652	2,180,054	2,690,298	2,022,369	3,084,361	3,431,101	4,113,372	4,424,210	4,093,822	3,388,246
Saudi Arabia	82,715	-	-	-	-	-	-	-	-	-
United Arab Emirates	469,447	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	57	-
Diesel	6,351,020	6,442,993	8,908,957	4,852,942	6,945,099	8,685,719	9,545,424	10,213,648	8,452,912	6,071,152
Bahrain	225,438	-	-	-	-	-	-	-	220,750	151,350
France	-	-	-	-	-	-	-	-	9	17
Netherlands	-	-	-	-	-	-	-	-	-	4
India	3,722,366	6,442,993	8,908,957	4,852,942	6,945,099	8,685,719	9,545,424	10,213,648	7,410,616	5,707,529
Reunion Island	-	-	-	-	-	-	-	-	-	7
Saudi Arabia	2,103,149	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	73,321	144,810
South Africa	-	-	-	-	-	-	-	-	748,216	67,435
United Arab Emirates	300,066	-	-	-	-	-	-	-	-	-
Kerosene (excl. jet fuel)	123,881	82,769	174,630	77,095	154,537	108,353	215,562	88,155	62,030	47,608
Bahrain	61,107	-	-	-	-	-	-	-	-	-
India	36,158	65,507	174,630	77,095	154,537	108,353	215,562	88,155	61,977	47,594
Qatar	3,026	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	48	7
Saudi Arabia	23,591	-	-	-	-	-	-	-	-	-
Seychelles	-	17,263	-	-	-	-	-	-	-	5
Jet fuel type kerosene	4,937,243	5,825,957	7,287,213	3,579,294	5,464,992	6,190,950	6,600,932	7,482,847	6,526,777	5,192,447
Bahrain	745,384	-	-	-	-	-	-	-	-	2
France	-	-	-	-	-	-	-	-	17	17
India	2,364,752	5,710,092	7,287,213	3,579,294	5,464,992	6,190,950	6,600,932	7,482,847	6,526,748	5,192,417
Netherlands	-	-	-	-	-	-	-	-	-	3
Qatar	246,974	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	6	7
Saudi Arabia	1,580,134	-	-	-	-	-	-	-	-	-
Seychelles	-	115,865	-	-	-	-	-	-	4	3
Fuel Oil	3,331,425	4,028,957	4,580,564	4,353,206	5,112,788	8,022,088	8,233,892	8,498,585	7,570,756	5,162,134
France	-	-	-	-	-	-	-	-	505	-
India	1,007,673	4,028,957	4,580,564	4,353,206	5,112,788	8,022,088	8,233,892	8,498,585	7,091,145	4,608,773
Reunion Island	-	-	-	-	-	-	-	-	-	12
South Africa	327,479	-	-	-	-	-	-	-	-	3,231
United Arab Emirates	1,996,272	-	-	-	-	-	-	-	479,105	417,191
Ukraine	-	-	-	-	-	-	-	-	-	132,926
LPG	1,246,411	1,481,585	1,818,791	1,322,175	1,634,513	1,894,466	2,152,059	2,087,934	2,306,709	1,390,637
Angola	-	-	-	-	60,806	-	-	-	-	-
Australia	132,400	-	94,103	90,435	188,800	74,308	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	404,325	-	-	-	-
France	-	-	-	-	-	-	-	-	155	-
Guinea	-	-	605,544	-	393,192	-	-	-	69	-
India	-	-	165,363	63,092	-	-	-	135,982	-	127,016
Indonesia	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	710,991	386,745	138,978	-	-	-	-
Korea, republic of	-	-	-	-	-	-	-	-	34	-
Madagascar	-	-	172,432	103,463	-	-	-	-	-	-
Malaysia	625,405	-	-	-	-	-	-	-	-	-
Oman	274,834	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	1,214,822	523,424	-	61,680	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	316,515	-
South Africa	183,519	940	181,107	-	-	329	-	-	393	-
Taiwan	-	-	76,818	-	-	-	-	-	-	-
United Arab Emirates	30,252	265,822	-	278,968	543,290	1,276,527	2,152,059	1,951,953	1,989,543	1,263,621
Vietnam	-	-	-	75,226	-	-	-	-	-	-
All energy sources	18,821,562	21,640,005	27,635,115	17,999,106	24,720,735	30,973,930	33,420,576	34,915,218	31,146,106	23,152,454
Percentage of total imports value	16.3%	17.9%	20.9%	15.2%	18.3%	20.9%	20.8%	21.1%	18.1%	13.8%

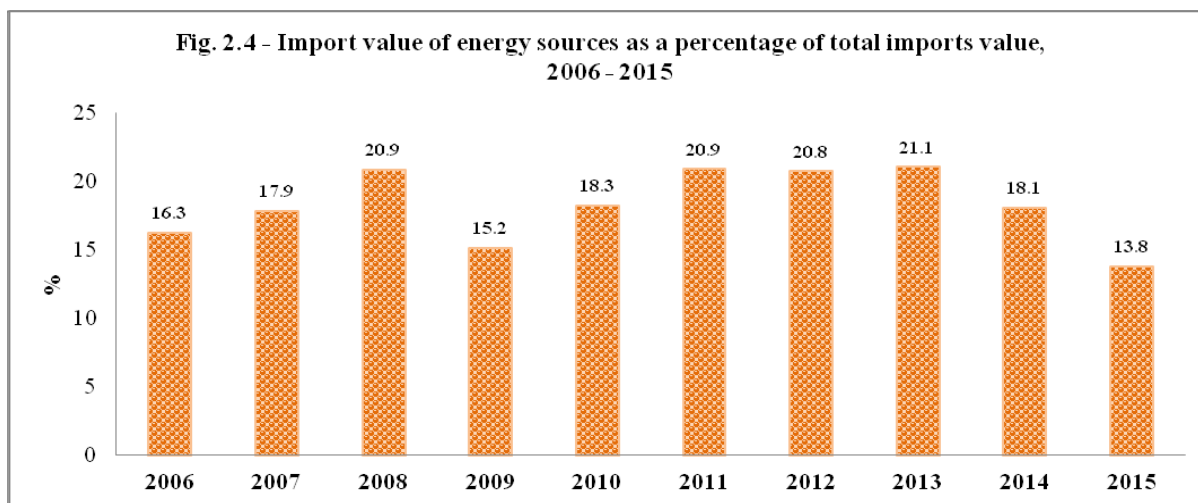


Table 2.6 - Re-exports and bunkering of energy sources, 2006 - 2015

Energy re-exported	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	100.0	116.8	125.5	112.7	115.0	118.7	110.3	115.9	121.7	141.9
Diesel oil	122.3	118.4	117.3	108.6	113.2	100.2	102.7	114.1	116.7	116.0
Fuel oil	49.1	75.7	96.2	107.7	123.4	185.0	163.3	156.1	170.6	166.8
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	104.0	121.4	130.5	117.2	119.6	123.5	114.7	120.5	126.6	147.5
Diesel oil	123.5	119.5	118.5	109.7	114.3	101.2	103.7	115.2	117.8	117.1
Fuel oil	47.1	72.6	92.3	103.4	118.5	177.6	156.8	149.8	163.7	160.2
Total	274.7	313.6	341.3	330.3	352.4	402.3	375.2	385.6	408.2	424.8
	<i>Percentage share (%)</i>									
Aviation fuel for foreign aircraft	37.9	38.7	38.2	35.5	33.9	30.7	30.6	31.3	31.0	34.7
Diesel oil	45.0	38.1	34.7	33.2	32.4	25.2	27.6	29.9	28.9	27.6
Fuel oil	17.2	23.2	27.1	31.3	33.6	44.2	41.8	38.9	40.1	37.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

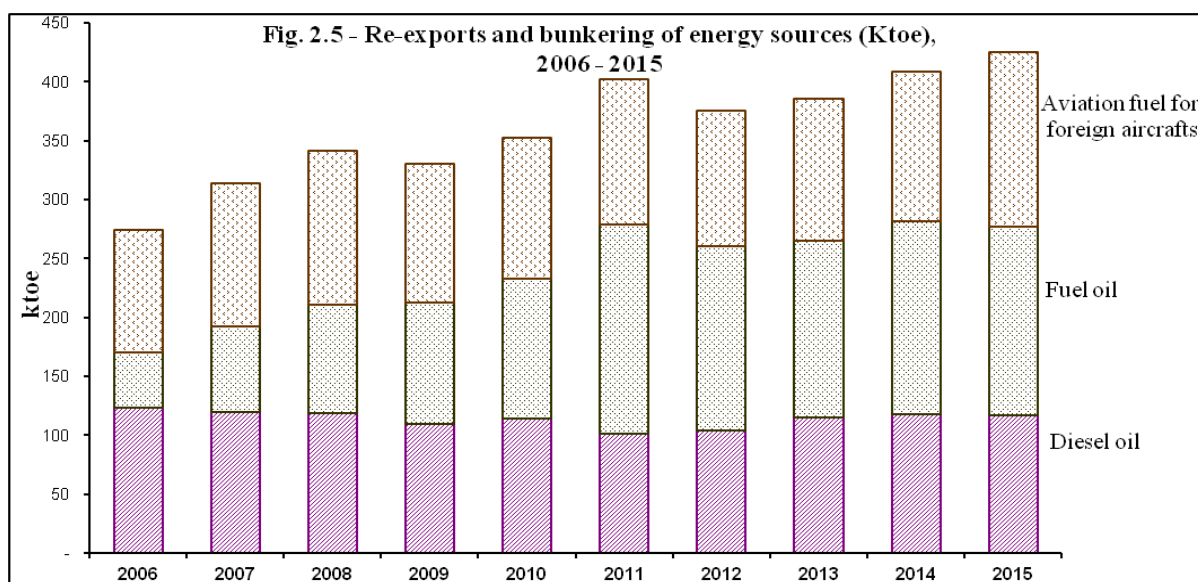


Table 2.7 - Average import price of energy sources by country of origin, 2006 - 2015

Country	Value (c.i.f): Rs/tonne									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coal	1,946	2,466	3,585	3,201	3,519	4,001	3,509	2,993	2,763	2,363
China	-	-	-	-	-	-	3,041	-	2,553	-
India	-	-	-	-	-	-	-	3,017	-	-
Mozambique	1,750	-	-	-	-	3,970	3,662	3,020	-	-
South Africa	1,985	2,466	3,585	3,201	3,519	4,009	3,488	2,993	2,763	2,363
Gasolene	21,122	22,618	24,793	19,365	25,505	29,406	32,093	32,009	29,691	21,899
Bahrain	23,219	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	30,215	-
India	21,108	22,618	24,793	19,365	25,505	29,406	32,093	32,009	29,691	21,899
Saudi Arabia	17,258	-	-	-	-	-	-	-	-	-
United Arab Emirates	20,767	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	30,269	-
Diesel	19,393	20,954	27,124	16,850	22,377	28,028	30,422	30,389	27,840	19,050
Bahrain	15,521	-	-	-	-	-	-	-	28,513	25,912
France	-	-	-	-	-	-	-	-	34,392	33,414
Netherlands	-	-	-	-	-	-	-	-	-	34,136
India	19,808	20,954	27,124	16,850	22,377	28,028	30,422	30,389	27,779	18,713
Reunion Island	-	-	-	-	-	-	-	-	-	36
Saudi Arabia	19,450	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	27,420	27,118
South Africa	-	-	-	-	-	-	-	-	28,305	26,792
United Arab Emirates	17,746	-	-	-	-	-	-	-	-	-
Kerosene (excl. jet fuel)	20,558	22,232	29,548	18,604	22,898	25,245	30,606	31,008	28,096	19,071
Bahrain	19,674	-	-	-	-	-	-	-	-	-
India	22,292	21,931	29,548	18,604	22,898	25,245	30,606	31,008	28,095	19,068
Qatar	19,395	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	29,074	48,836
Saudi Arabia	20,657	-	-	-	-	-	-	-	-	-
Seychelles	-	23,455	-	-	-	-	-	-	29,500	34,948
Jet fuel type kerosene	20,924	22,183	27,792	17,486	23,270	27,390	30,990	31,041	28,136	19,317
Bahrain	19,736	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	28,905	32,357
India	21,684	22,159	27,792	17,486	23,270	27,390	30,990	31,041	28,136	19,317
Netherlands	-	-	-	-	-	-	-	-	-	39,741
Qatar	19,395	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	28,429	33,275
Saudi Arabia	20,680	-	-	-	-	-	-	-	-	-
Seychelles	-	23,455	-	-	-	-	-	-	28,173	32,500
Fuel Oil	10,945	12,065	15,738	12,664	14,973	18,450	20,523	19,807	18,627	11,597
France	-	-	-	-	-	-	-	-	21,042	-
India	10,182	12,065	15,738	12,664	14,973	18,450	20,523	19,807	18,582	11,579
Reunion Island	-	-	-	-	-	-	-	-	-	30
South Africa	10,406	-	-	-	-	-	-	-	-	13,869
United Arab Emirates	11,476	-	-	-	-	-	-	-	19,323	10,825
Ukraine	-	-	-	-	-	-	-	-	-	15,927
LPG	21,211	23,606	28,819	21,134	26,064	28,561	31,694	30,605	30,520	19,192
Angola	-	-	-	-	24,809	-	-	-	-	-
Australia	21,386	-	31,695	18,273	24,302	29,914	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	29,658	-	-	-	-
France	-	-	-	-	-	-	-	-	49,932	-
Guinea	-	-	30,796	-	19,880	-	-	-	264,263	-
India	-	-	27,699	26,465	-	-	-	28,341	-	19,436
Indonesia	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	23,071	16,917	25,651	-	-	-	-
Korea, republic of	-	-	-	-	-	-	-	-	2,125	-
Madagascar	-	-	31,102	17,725	-	-	-	-	-	-
Malaysia	21,086	-	-	-	-	-	-	-	-	-
Oman	21,280	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	23,895	26,380	-	24,682	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	63,159	-
South Africa	21,729	26,450	27,562	-	-	28,129	-	-	28,999	-
Taiwan	-	-	30,113	-	-	-	-	-	-	-
United Arab Emirates	19,518	22,364	-	18,605	24,916	28,505	31,694	30,777	28,200	19,168
Vietnam	-	-	-	21,019	-	-	-	-	-	-

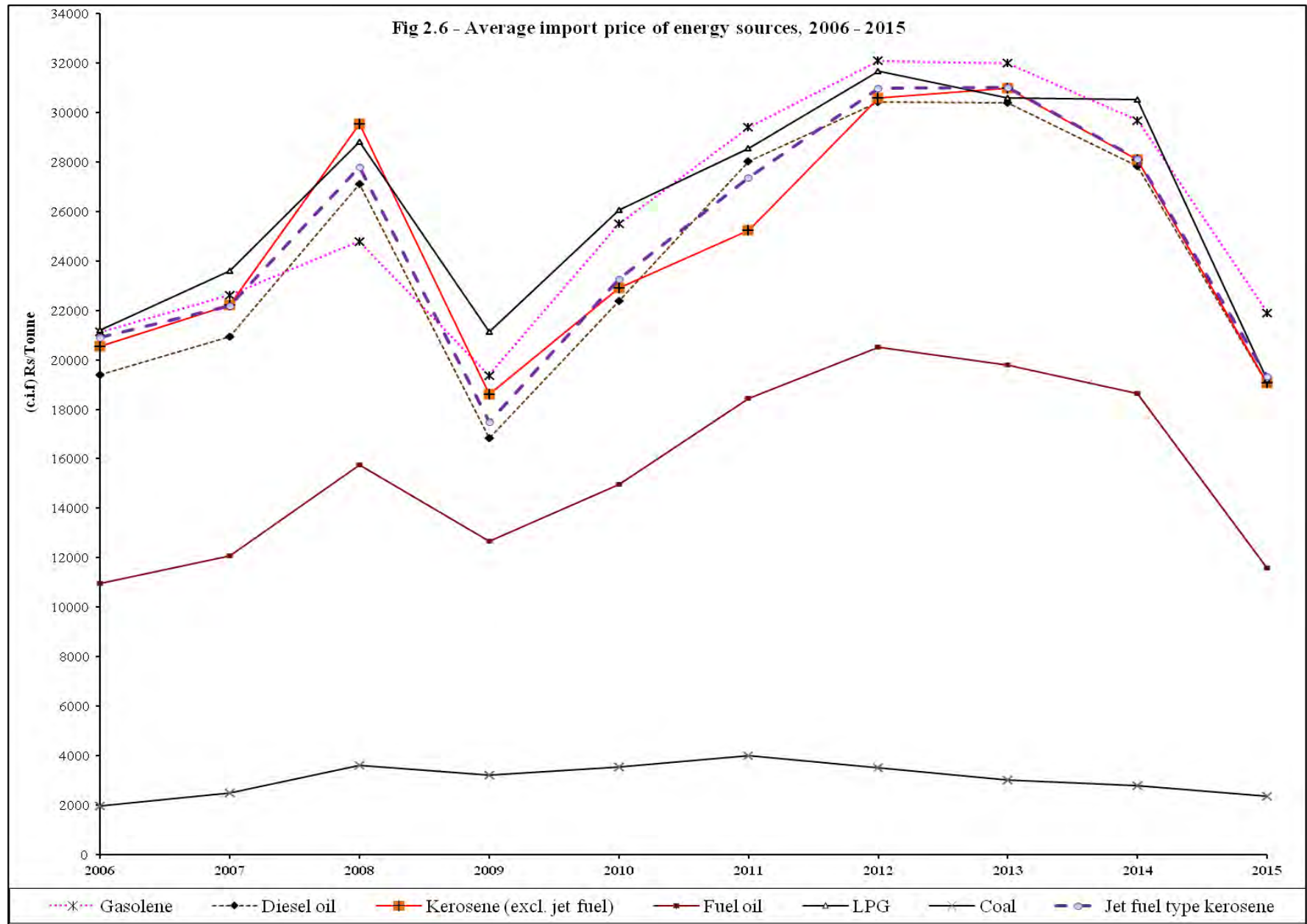
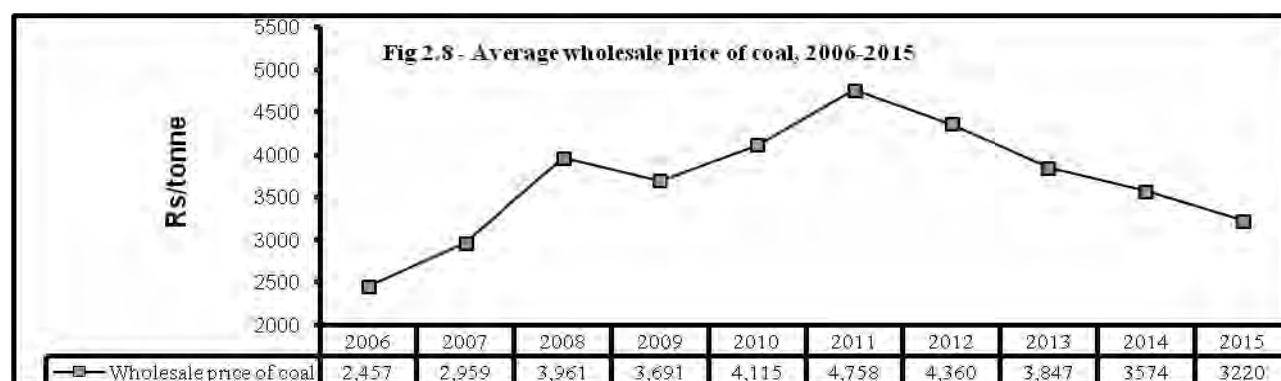
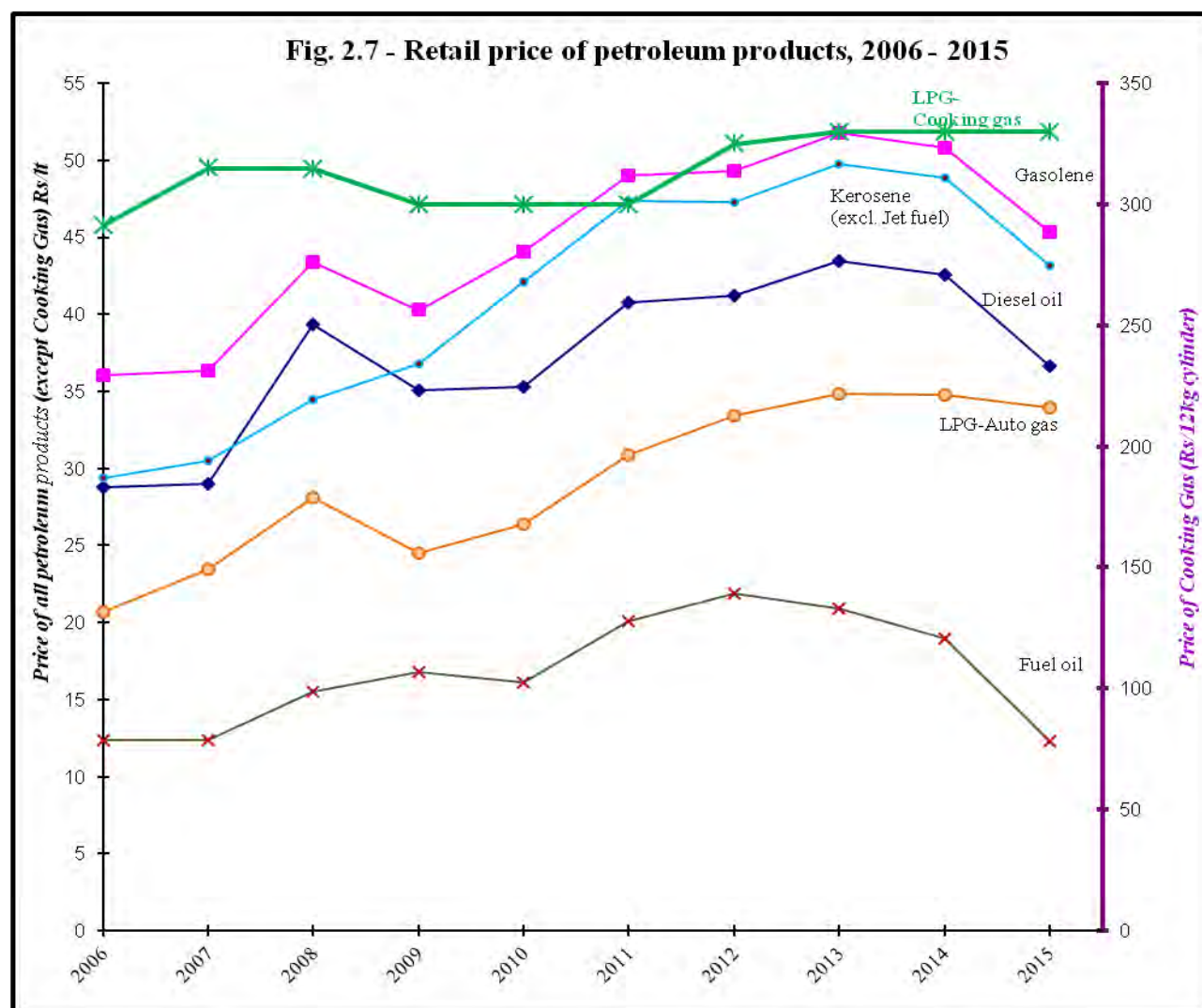


Table 2.8 - Average retail price (Rupees) of petroleum products used as energy sources, 2006 - 2015

Energy sources	Unit	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
		Rupees									
Gasolene	1 Lt	36.06	36.38	43.41	40.28	44.09	49.01	49.30	51.76	50.84	45.35
Diesel oil	1 Lt	28.80	29.03	39.32	35.05	35.29	40.79	41.20	43.49	42.55	36.67
Kerosene (excl. jet fuel)	1 Lt	29.39	30.50	34.46	36.78	42.12	47.33	47.30	49.76	48.84	43.18
Fuel Oil ^{1/}	1 Lt	12.35	12.35	15.53	16.80	16.14	20.10	21.88	20.88	18.96	12.27
LPG - Cooking Gas	12 Kg	291.25	315.00	314.60	300.00	300.00	300.00	325.00	330.00	330.00	330.00
LPG- Auto Gas	1 Lt	20.65	23.49	28.09	24.53	26.40	30.88	33.40	34.86	34.78	33.95

1/ Not retail price but sales price of STC





Section III
Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation, sales and total consumption of electricity, 2006 - 2015

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				
2006	700.7	10.0	609.4	9.4	367.3	5.7	76.64	0.41	-	-	2,273.18	2,350.23	2,121.88	1,879.80	2,108.15
2007	743.3	10.0	660.3	9.0	367.6	5.9	83.86	0.40	-	-	2,380.39	2,464.65	2,229.79	1,975.28	2,210.14
2008	715.5	10.0	617.7	9.0	378.1	6.0	108.03	0.37	-	-	2,448.84	2,557.24	2,307.24	2,053.66	2,303.66
2009	729.0	10.5	647.3	9.6	388.6	5.6	122.41	1.50	-	-	2,453.53	2,577.44	2,305.78	2,069.23	2,340.89
2010	729.1	11.1	655.2	10.1	404.1	6.1	100.73	2.51	-	-	2,585.47	2,688.71	2,408.14	2,173.91	2,454.48
2011	726.4	11.1	659.2	10.1	412.5	6.4	56.48	2.83	-	3.14	2,676.14	2,738.59	2,466.29	2,228.23	2,500.53
2012	767.6	13.7	682.6	12.9	430.1	6.6	74.07	3.57	0.90	17.80	2,700.80	2,797.14	2,529.10	2,294.36	2,561.71
2013	764.6	13.6	687.3	12.7	441.1	6.9	94.84	3.61	2.71	20.01	2,764.12	2,885.29	2,611.12	2,384.14	2,658.30
2014	768.5	13.7	697.0	12.8	446.2	7.2	90.84	3.17	24.62	21.33	2,796.98	2,936.94	2,679.15	2,452.20	2,709.90
2015	779.0	13.8	701.3	13.0	459.9	7.2	121.88	2.69	25.87	20.36	2,824.78	2,995.58	2,729.82	2,505.43	2,771.07

¹ Includes plant capacity for electricity not exported to CEB

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

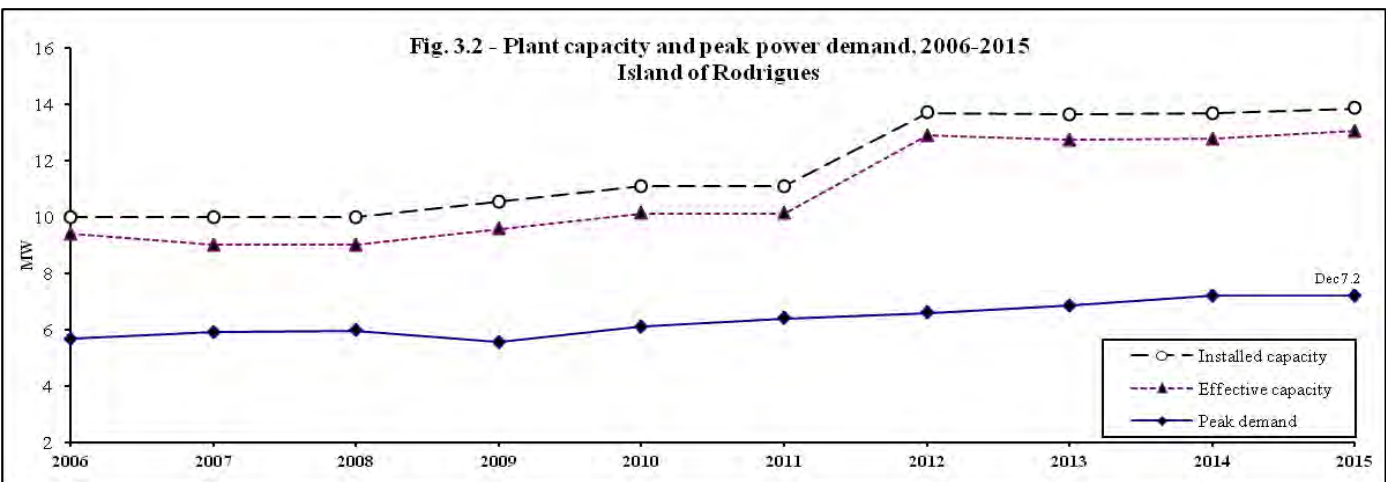
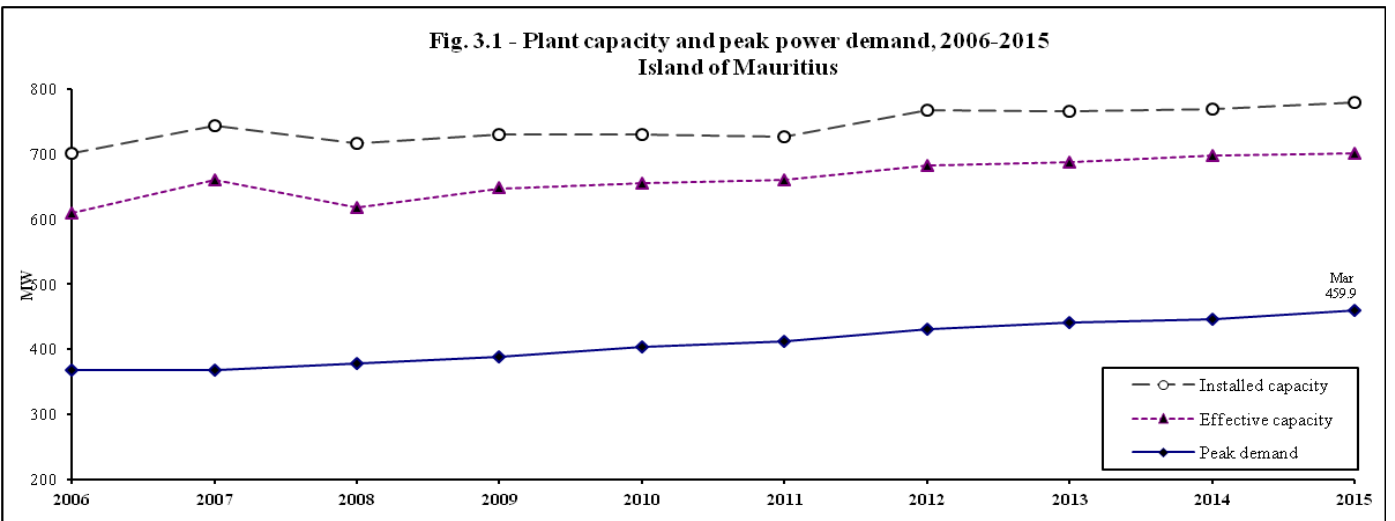


Table 3.2 - Plant capacity, 2015

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity (MW)			Plant capacity (MW)	
	Installed	Effective		Installed	Effective
Hydro:	60.74	56.30	Photovoltaic	18.68	18.68
Champagne	30.00	28.00	Island of Mauritius	18.51	18.51
Ferney	10.00	10.00	Island of Rodrigues	0.17	0.17
Tamarind Falls	11.70	9.50			
Le Val	4.00	4.00			
Redit	1.20	1.00	Thermal:		
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			
La Ferme	1.20	1.20	Consolidated energy limited	28.40	25.50
Wind:			Compagnie thermique du Sud	32.50	30.00
Island of Rodrigues	1.28	1.28	Compagnie thermique de Savannah	90.00	74.00
Thermal:			<u>Continuous producers²</u>	22.50	16.40
<u>Island of Mauritius</u>	415.00	382.60	Medine	22.50	16.40
St Louis	89.00	66.60	<u>Landfill gas (Sotravic Ltd)</u>	3.45	3.00
Fort Victoria	109.60	107.00			
Nicolay	78.40	75.00			
Fort George	138.00	134.00			
<u>Island of Rodrigues</u>	12.40	11.60			
Total	489.42	451.78	Total	303.43	262.58
Total plant capacity			Installed	Effective	
1. Island of Mauritius			779.00	701.31	
CEB			475.74	438.90	
IPP			303.26	262.41	
<i>of which involved in export to CEB</i>			303.43	262.58	
2. Island of Rodrigues			13.85	13.05	
CEB			13.68	12.88	
IPP			0.17	0.17	
Total			792.85	714.36	

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

Table 3.3 - Electricity generation¹ by source of energy, 2006 - 2015

Source of energy	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	GWh									
Primary energy	77.1	84.3	108.4	123.9	103.2	62.5	96.3	121.2	140.0	170.8
Hydro	76.6	83.9	108.0	122.4	100.7	56.5	74.1	94.8	90.8	121.9
Landfill gas	-	-	-	-	-	3.1	17.8	20.0	21.3	20.4
Photovoltaic / Wind	0.4	0.4	0.4	1.5	2.5	2.8	4.5	6.3	27.8	28.6
<i>Island of Mauritius</i>	-	-	-	-	-	-	0.9	2.7	24.5	25.7
<i>Island of Rodrigues</i>	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.3	2.8
Secondary energy	2,273.2	2,380.4	2,448.8	2,453.5	2,585.5	2,676.1	2,700.8	2,764.1	2,797.0	2,824.8
Gas turbine (kerosene)	5.7	3.2	6.6	15.3	18.9	11.6	11.0	1.7	2.0	2.0
Diesel & Fuel oil	1,023.4	915.7	827.1	938.0	976.6	1,058.7	1,057.0	1,076.1	1,079.3	1,131.2
<i>Island of Mauritius</i>	993.0	885.2	796.4	907.8	947.0	1,028.4	1,027.0	1,044.1	1,045.2	1,094.5
<i>Island of Rodrigues</i>	30.3	30.5	30.8	30.2	29.6	30.3	30.0	32.0	34.1	36.8
Coal ¹	798.3	993.6	1,128.7	1,015.3	1,115.9	1,119.4	1,162.3	1,213.6	1,259.5	1,181.7
Bagasse ¹	445.7	467.9	486.4	485.0	474.1	486.5	470.5	472.8	456.2	509.8
Total	2,350.2	2,464.6	2,557.2	2,577.4	2,688.7	2,738.6	2,797.1	2,885.3	2,936.9	2,995.6
<i>Island of Mauritius</i>	2,319.5	2,433.8	2,526.1	2,545.7	2,656.6	2,705.5	2,763.5	2,849.7	2,899.5	2,956.0
<i>Island of Rodrigues</i>	30.8	30.9	31.1	31.7	32.1	33.1	33.6	35.6	37.4	39.6
	Percentage share (%)									
Primary energy	3.3	3.4	4.2	4.8	3.8	2.3	3.4	4.2	4.8	5.7
Hydro	3.3	3.4	4.2	4.7	3.7	2.1	2.6	3.3	3.1	4.1
Landfill gas	-	-	-	-	-	0.1	0.6	0.7	0.7	0.7
Photovoltaic / Wind	-	-	-	0.1	0.1	0.1	0.2	0.2	0.9	1.0
<i>Island of Mauritius</i>	-	-	-	-	-	-	0.0	0.1	0.8	0.9
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Secondary energy	96.7	96.6	95.8	95.2	96.2	97.7	96.6	95.8	95.2	94.3
Gas turbine (kerosene)	0.2	0.1	0.3	0.6	0.7	0.4	0.4	0.1	0.1	0.1
Diesel & Fuel oil	43.5	37.2	32.3	36.4	36.3	38.7	37.8	37.3	36.7	37.8
<i>Island of Mauritius</i>	42.3	35.9	31.1	35.2	35.2	37.6	36.7	36.2	35.6	36.5
<i>Island of Rodrigues</i>	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2
Coal	34.0	40.3	44.1	39.4	41.5	40.9	41.6	42.1	42.9	39.4
Bagasse	19.0	19.0	19.0	18.8	17.6	17.8	16.8	16.4	15.5	17.0
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	98.8	98.8	98.8	98.8	98.8	98.8	98.7	98.7
<i>Island of Rodrigues</i>	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3

¹ Estimates

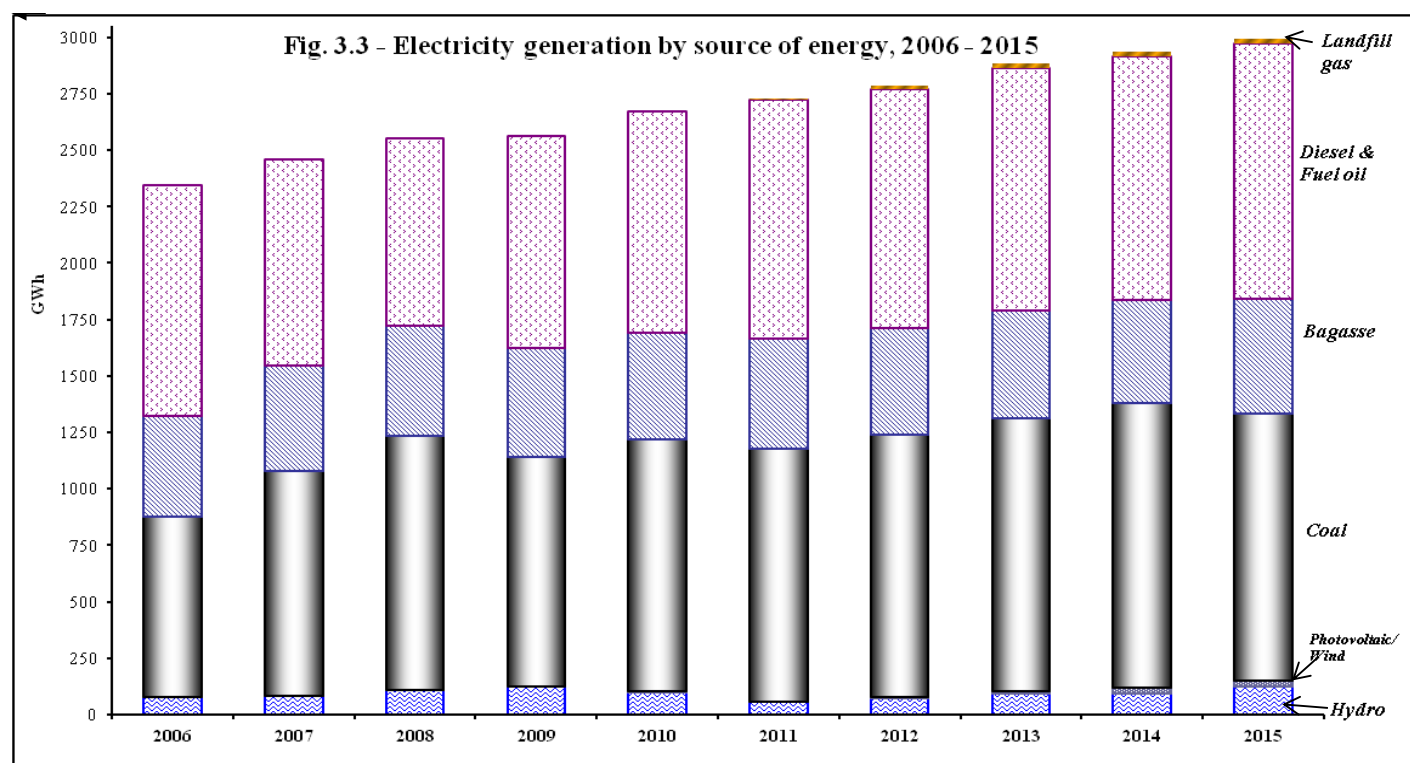
Source: Central Electricity Board & Annual Sugar Industry Energy Survey

Table 3.4 - Electricity Exported to CEB by energy source, 2006 - 2015

Source of energy	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	GWh									
Coal	719.5	879.9	998.7	875.0	966.6	981.0	1,021.4	1,067.2	1,125.4	1,046.8
Bagasse	296.2	346.8	366.4	353.6	342.8	352.6	344.0	346.5	334.5	381.2
Landfill gas	-	-	-	-	-	3.1	17.8	20.0	21.3	20.4
Photovoltaic / Wind	-	-	-	-	-	-	0.3	1.3	22.7	23.7
<i>Island of Mauritius</i>	-	-	-	-	-	-	0.3	1.24	22.63	23.69
<i>Island of Rodrigues</i> ¹	-	-	-	-	-	-	-	0.01	0.09	0.12
Total	1,015.7	1,226.7	1,365.1	1,228.6	1,309.4	1,336.7	1,383.4	1,434.9	1,504.0	1,472.0
<i>of which renewables</i>	296.2	346.8	366.4	353.6	342.8	355.7	362.1	367.8	378.6	425.2
	Percentage share (%)									
Coal	70.8	71.7	73.2	71.2	73.8	73.4	73.8	74.4	74.8	71.1
Bagasse	29.2	28.3	26.8	28.8	26.2	26.4	24.9	24.1	22.2	25.9
Landfill gas	-	-	-	-	-	0.2	1.3	1.4	1.4	1.4
Photovoltaic / Wind	-	-	-	-	-	-	0.0	0.1	1.5	1.6
<i>Island of Mauritius</i>	-	-	-	-	-	-	0.0	0.1	1.5	1.6
<i>Island of Rodrigues</i> ¹	-	-	-	-	-	-	-	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which renewables</i>	29.2	28.3	26.8	28.8	26.2	26.6	26.2	25.6	25.2	28.9

¹ Only photovoltaic

Source: Central Electricity Board

**Table 3.5 - Generation of electricity by CEB and IPP, 2006 - 2015**

	GWh									
Power station	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
CEB	1,106.1	1,003.1	942.1	1,077.2	1,098.8	1,129.6	1,145.7	1,176.2	1,175.3	1,257.8
Hydro	76.6	83.9	108.0	122.4	100.7	56.5	74.1	94.8	90.8	121.9
Wind	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.2	2.7
Island of Rodrigues	0.4	0.4	0.4	1.5	2.5	2.8	3.6	3.6	3.2	2.7
Thermal	1,029.1	918.9	833.7	953.2	995.5	1,070.3	1,068.0	1,077.8	1,081.2	1,133.2
Island of Mauritius	998.7	888.4	802.9	923.0	966.0	1,040.0	1,038.0	1,045.8	1,047.2	1,096.5
Island of Rodrigues	30.3	30.5	30.8	30.2	29.6	30.3	30.0	32.0	34.1	36.8
IPP	1,244.1	1,461.5	1,615.1	1,500.3	1,589.9	1,609.0	1,651.5	1,709.1	1,761.7	1,737.8
Of which: exported to CEB	1,015.7	1,226.7	1,365.1	1,228.6	1,309.4	1,336.7	1,383.4	1,434.9	1,504.0	1,472.1
Hydro	-	-	-	-	-	-	-	-	-	-
Photovoltaic / Wind	-	-	-	-	-	-	0.9	2.7	24.6	25.9
Island of Mauritius	-	-	-	-	-	-	0.9	2.7	24.5	25.7
Island of Rodrigues	-	-	-	-	-	-	-	0.02	0.14	0.16
Thermal	1,244.1	1,461.5	1,615.1	1,500.3	1,589.9	1,609.0	1,650.6	1,706.4	1,737.1	1,711.9
Coal	798.3	993.6	1,128.7	1,015.3	1,115.9	1,119.4	1,162.3	1,213.6	1,259.5	1,181.7
Bagasse	445.7	467.9	486.4	485.0	474.1	486.5	470.5	472.8	456.2	509.8
Landfill gas	-	-	-	-	-	3.1	17.8	20.0	21.3	20.4
Total	2,350.2	2,464.6	2,557.2	2,577.4	2,688.7	2,738.6	2,797.1	2,885.3	2,936.9	2,995.6
of which renewables	522.8	552.2	594.8	608.9	577.3	548.9	566.8	594.0	596.2	680.6
Available for sales										
CEB	1,106.1	1,003.1	942.1	1,077.2	1,098.8	1,129.6	1,145.7	1,176.2	1,175.3	1,257.8
Of which: Island of Rodrigues	30.8	30.9	31.1	31.7	32.1	33.1	33.6	35.6	37.3	39.5
IPP export to CEB	1,015.7	1,226.7	1,365.1	1,228.6	1,309.4	1,336.7	1,383.4	1,434.9	1,504.0	1,472.1
Of which: Island of Rodrigues	-	-	-	-	-	-	-	0.01	0.09	0.12
Total available for sales	2,121.9	2,229.8	2,307.2	2,305.8	2,408.1	2,466.3	2,529.1	2,611.1	2,679.2	2,729.9
of which renewables	373.3	431.1	474.8	477.5	446.0	415.0	439.7	466.2	472.6	549.8

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

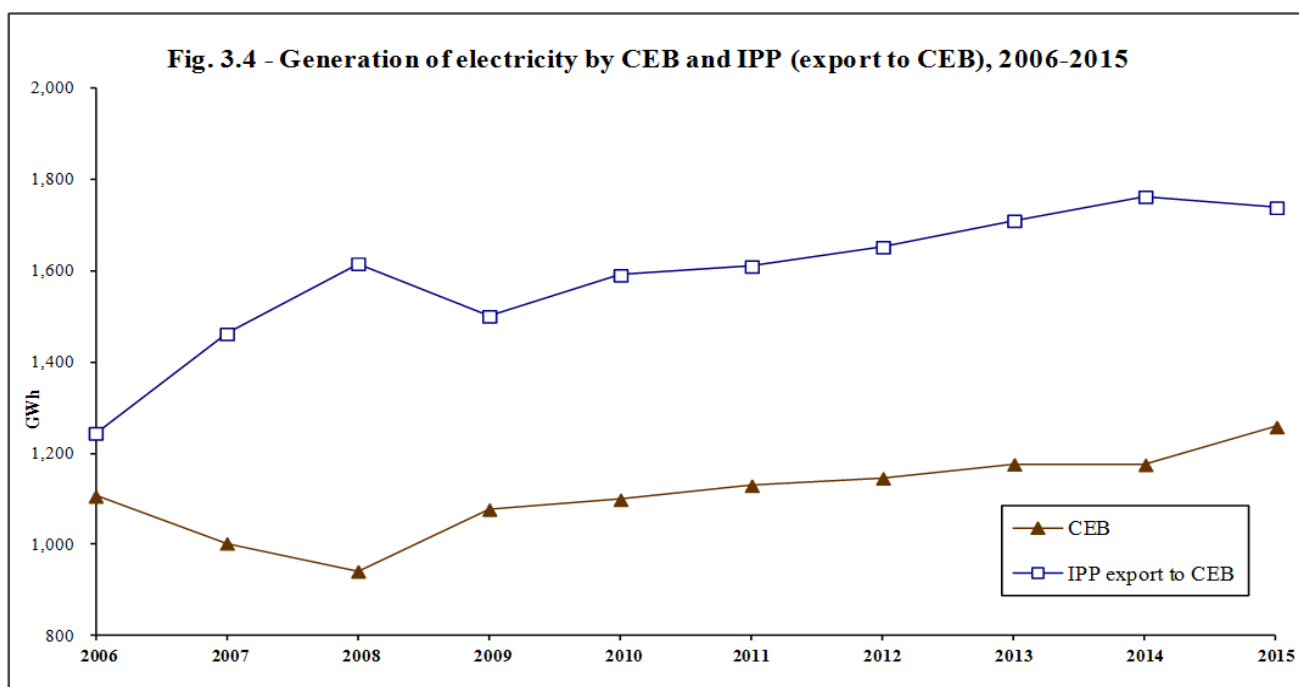


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 2006 - 2015

	%									
Power station	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
CEB	47.1	40.7	36.8	41.8	40.9	41.2	41.0	40.8	40.0	42.0
Hydro	3.3	3.4	4.2	4.7	3.7	2.1	2.6	3.3	3.1	4.1
Wind	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Thermal	43.8	37.3	32.6	37.0	37.0	39.1	38.2	37.4	36.8	37.8
<i>Island of Mauritius</i>	42.5	36.0	31.4	35.8	35.9	38.0	37.1	36.2	35.7	36.6
<i>Island of Rodrigues</i>	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2
IPP	52.9	59.3	63.2	58.2	59.1	58.8	59.0	59.2	60.0	58.0
<i>Of which: exported to CEB</i>	81.6	83.9	84.5	81.9	82.4	83.1	83.8	84.0	85.4	84.7
Hydro	-	-	-	-	-	-	-	-	-	-
Photovoltaic / Wind	-	-	-	-	-	-	0.0	0.1	0.8	0.9
<i>Island of Mauritius</i>	-	-	-	-	-	-	1.0	0.1	0.8	0.9
<i>Island of Rodrigues</i>	-	-	-	-	-	-	-	0.0	0.0	0.0
Thermal	52.9	59.3	63.2	58.2	59.1	58.8	59.0	59.1	59.1	57.1
Coal	34.0	40.3	44.1	39.4	41.5	40.9	41.6	42.1	42.9	39.4
Bagasse	19.0	19.0	19.0	18.8	17.6	17.8	16.8	16.4	15.5	17.0
Landfill gas	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.7	0.7	0.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which renewables</i>	22.2	22.4	23.3	23.6	21.5	20.0	20.3	20.6	20.3	22.7
Available for sales										
CEB	52.1	45.0	40.8	46.7	45.6	45.8	45.3	45.0	43.9	46.1
<i>Of which: Island of Rodrigues</i>	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.4
IPP export to CEB	47.9	55.0	59.2	53.3	54.4	54.2	54.7	55.0	56.1	53.9
<i>Of which: Island of Rodrigues</i>	-	-	-	-	-	-	-	0.0	0.0	0.0
Total available for sales	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>of which renewables</i> ²	17.6	19.3	20.6	20.7	18.5	16.8	17.4	17.9	17.6	20.1

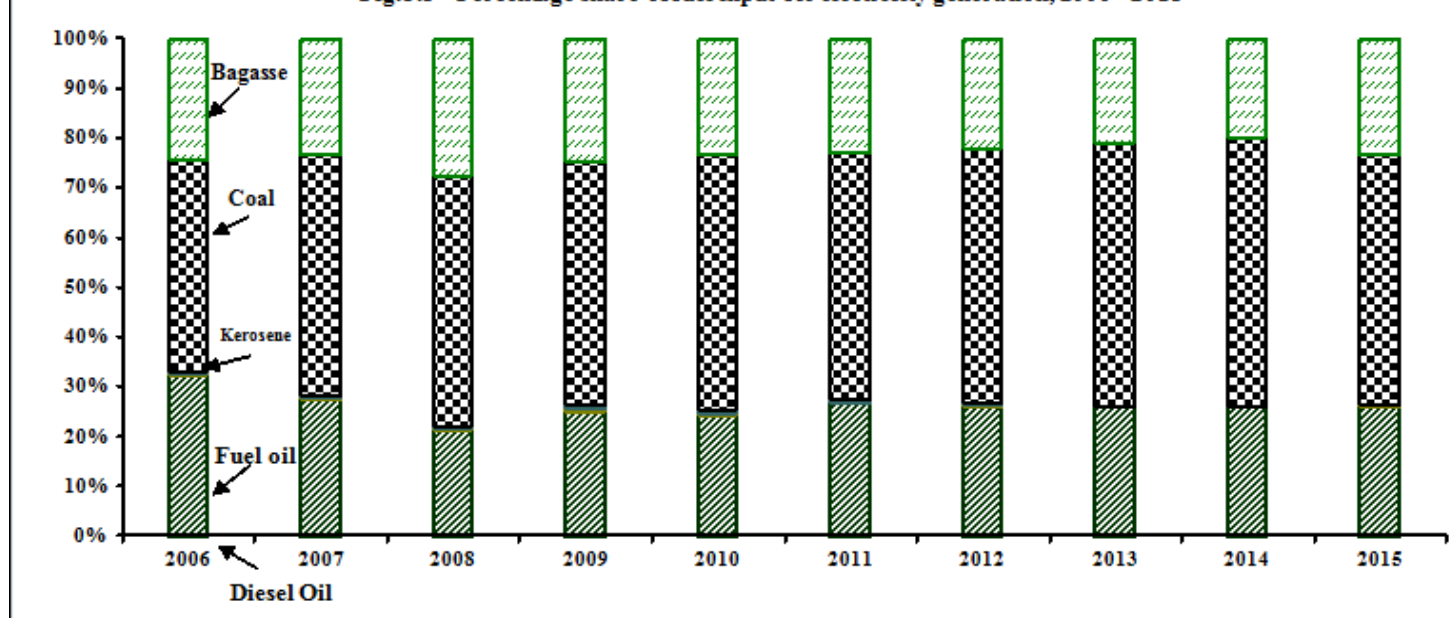
² Revised

Table 3.7 - Fuel input for electricity generation, 2006 - 2015

Fuel	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	Tonne									
Fuel oil	226,541	201,820	167,546	190,604	196,882	214,517	213,032	216,190	221,345	229,570
<i>Island of Mauritius</i>	219,969	195,081	160,359	183,678	190,108	207,576	206,146	208,865	213,588	221,116
<i>Island of Rodrigues</i>	6,572	6,740	7,188	6,926	6,774	6,941	6,886	7,325	7,757	8,455
Diesel oil	2,531	2,746	1,901	2,761	1,997	1,523	1,857	1,269	1,229	1,084
<i>Island of Mauritius</i>	2,232	2,638	1,721	2,558	1,875	1,354	1,728	1,190	1,125	979
<i>Island of Rodrigues</i>	299	108	180	203	122	169	129	79	104	105
Kerosene	1,848	1,067	2,095	4,924	6,008	3,659	3,437	645	681	741
Coal	462,784	552,632	609,745	574,141	643,049	617,297	649,157	683,207	711,236	684,348
Bagasse ¹	1,036,598	1,040,286	1,300,939	1,135,588	1,140,383	1,119,040	1,077,786	1,056,146	1,030,563	1,240,301
	ktoe									
Fuel oil	217.48	193.75	160.84	182.98	189.00	205.93	204.51	207.54	212.49	220.39
<i>Island of Mauritius</i>	211.17	187.28	153.94	176.33	182.50	199.27	197.90	200.51	205.04	212.27
<i>Island of Rodrigues</i>	6.31	6.47	6.90	6.65	6.50	6.66	6.61	7.03	7.45	8.12
Diesel oil	2.56	2.77	1.92	2.79	2.01	1.54	1.88	1.28	1.24	1.09
<i>Island of Mauritius</i>	2.25	2.66	1.74	2.58	1.89	1.37	1.75	1.20	1.14	0.99
<i>Island of Rodrigues</i>	0.30	0.11	0.18	0.21	0.12	0.17	0.13	0.08	0.11	0.11
Kerosene	1.92	1.11	2.18	5.12	6.25	3.81	3.57	0.67	0.71	0.77
Coal	286.93	342.63	378.04	355.97	398.69	382.72	402.48	423.59	440.97	424.30
Bagasse ¹	165.86	166.45	208.15	181.69	182.46	179.05	172.45	168.98	164.89	198.45
Total	674.74	706.71	751.14	728.55	778.42	773.05	784.88	802.07	820.30	845.00
<i>Island of Mauritius</i>	<i>668.13</i>	<i>700.13</i>	<i>744.05</i>	<i>721.70</i>	<i>771.80</i>	<i>766.22</i>	<i>778.14</i>	<i>794.95</i>	<i>812.75</i>	<i>836.77</i>
<i>Island of Rodrigues</i>	<i>6.61</i>	<i>6.58</i>	<i>7.08</i>	<i>6.85</i>	<i>6.63</i>	<i>6.83</i>	<i>6.74</i>	<i>7.11</i>	<i>7.55</i>	<i>8.22</i>
	Percentage share (%)									
Fuel oil	32.2	27.4	21.4	25.1	24.2	26.6	26.1	25.9	25.9	26.1
<i>Island of Mauritius</i>	31.3	26.5	20.5	24.2	23.4	25.8	25.2	25.0	25.0	25.1
<i>Island of Rodrigues</i>	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.9	0.9	1.0
Diesel oil	0.4	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.1
<i>Island of Mauritius</i>	0.3	0.4	0.2	0.4	0.2	0.2	0.2	0.1	0.1	0.1
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kerosene	0.3	0.2	0.3	0.7	0.8	0.5	0.5	0.1	0.1	0.1
Coal	42.5	48.5	50.3	48.9	51.2	49.5	51.3	52.8	53.8	50.2
Bagasse ¹	24.6	23.6	27.7	24.9	23.4	23.2	22.0	21.1	20.1	23.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>Island of Mauritius</i>	<i>99.0</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.1</i>	<i>99.0</i>
<i>Island of Rodrigues</i>	<i>1.0</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>1.0</i>

¹ Estimates

Fig.3.5 - Percentage share of fuel input for electricity generation, 2006 - 2015



Section IV

Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 2006 - 2015

Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1. Manufacturing	266.61	259.36	243.49	220.45	231.16	222.41	215.48	212.27	210.74	216.22
2. Transport	429.99	415.60	410.65	394.89	421.59	435.29	427.26	438.78	454.14	463.13
3. Commercial and Distributive Trade	62.67	65.23	69.05	72.29	76.44	80.66	83.67	88.06	92.52	95.52
4. Household	108.86	108.77	110.15	113.11	116.89	117.40	120.12	123.39	126.48	129.88
5. Agriculture	4.78	4.90	4.48	4.07	4.40	4.30	4.50	4.53	4.60	4.21
6. Other (n.e.s) and losses	3.39	3.64	3.81	3.76	3.53	2.97	3.37	3.55	3.45	3.90
TOTAL	876.30	857.50	841.63	808.57	854.01	863.02	854.41	870.57	891.93	912.86

ktoe

Table 4.2 - Percentage share of final energy consumption by sector, 2006 - 2015

Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1. Manufacturing	30.4	30.2	28.9	27.3	27.1	25.8	25.2	24.4	23.6	23.7
2. Transport	49.1	48.5	48.8	48.8	49.4	50.4	50.0	50.4	50.9	50.7
3. Commercial and Distributive Trade	7.2	7.6	8.2	8.9	9.0	9.3	9.8	10.1	10.4	10.5
4. Household	12.4	12.7	13.1	14.0	13.7	13.6	14.1	14.2	14.2	14.2
5. Agriculture	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6. Other (n.e.s) and losses	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

%

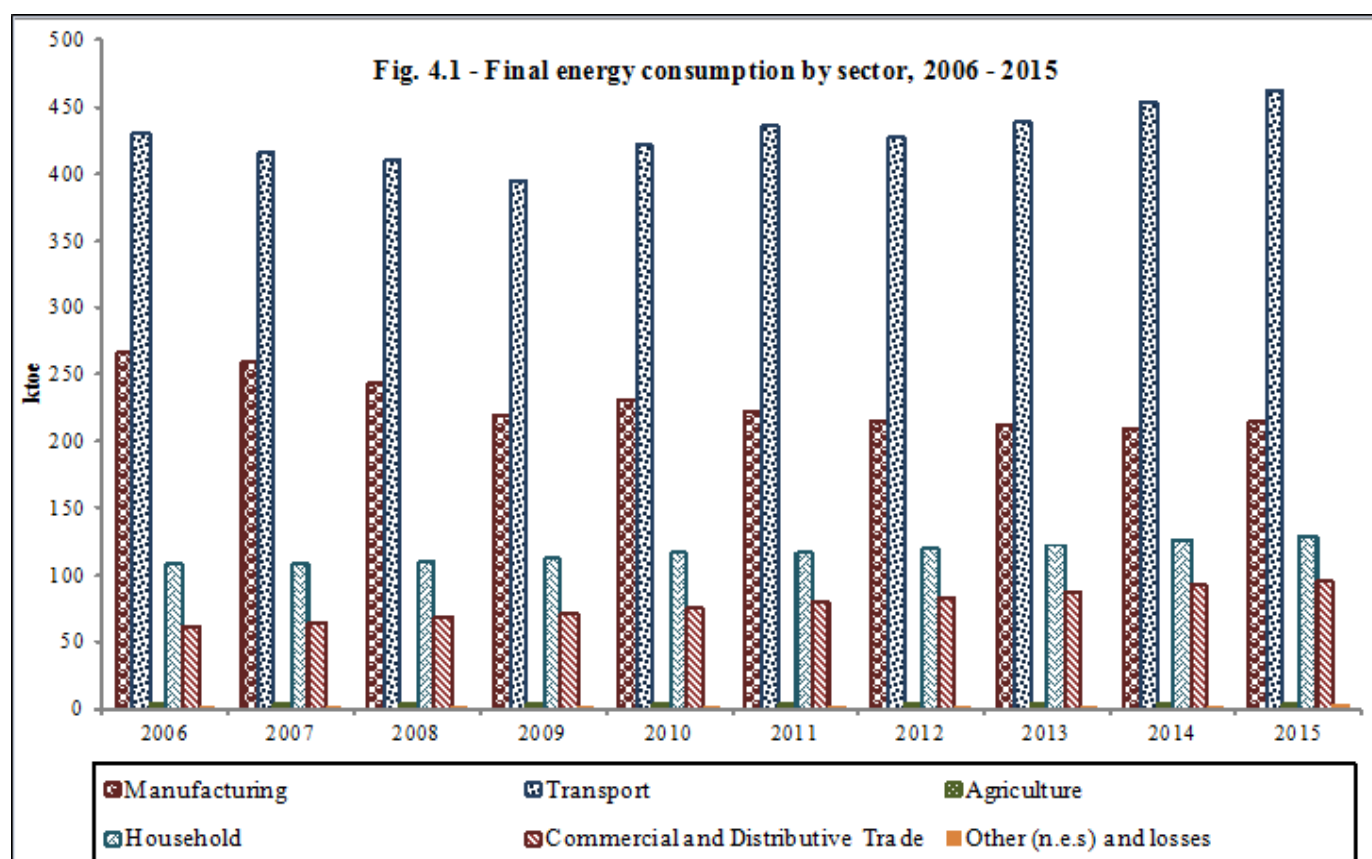


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 2006 - 2015

Sector	Unit	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1. Manufacturing											
Fuel oil	tonne	53,743	55,722	50,268	43,078	41,472	40,316	38,953	39,182	40,476	37,203
Diesel oil	tonne	49,767	48,336	46,301	45,882	46,543	43,094	41,310	35,443	36,096	36,592
LPG	tonne	3,965	4,068	4,920	5,007	5,122	5,238	5,463	5,353	5,427	5,672
Coal	tonne	21,666	19,964	41,672	21,572	24,786	24,200	25,619	27,507	31,250	36,436
Fuelwood ¹	tonne	1,425	1,425	1,425	1,426	1,426	1,425	1,410	1,385	1,343	1,300
Electricity	GWh	841.2	879.6	912.9	897.2	934.3	929.2	929.8	962.6	944.5	962.0
Bagasse	tonne	463,563	400,646	239,276	226,759	265,988	244,288	213,123	204,565	177,973	197,646
2. Transport											
Land											
Gasolene	tonne	86,886	96,463	98,867	108,871	115,266	117,370	123,352	128,928	137,244	147,565
Diesel oil	tonne	172,504	150,717	151,840	152,631	159,471	159,904	164,650	164,802	165,140	166,294
LPG	tonne	6,887	6,633	5,184	4,587	4,641	4,502	4,363	4,068	3,744	3,190
Air											
Jet Fuel	tonne	141,053	138,104	131,631	106,246	118,553	129,170	110,582	116,093	121,968	119,555
Sea											
Fuel Oil	tonne	4,355	4,845	4,371	3,746	3,537	3,575	3,674	3,525	3,641	3,253
Gasolene	tonne	2,231	2,477	2,539	2,796	2,960	3,014	3,105	3,170	3,260	3,395
Diesel oil	tonne	1,185	1,062	1,070	1,076	1,124	1,127	1,137	1,142	1,210	1,219
3. Commercial and Distributive Trade											
LPG	tonne	11,436	10,927	10,094	10,575	10,925	11,260	11,918	13,285	14,028	15,099
Charcoal ¹	tonne	393	407	422	437	453	469	474	483	497	450
Electricity	GWh	581.8	617.9	672.7	704.2	748.0	792.6	819.3	853.2	895.6	917.5
4. Household											
Kerosene	tonne	3,923	1,238	1,772	1,476	1,731	515	243	202	153	131
LPG	tonne	41,599	42,088	42,394	43,237	44,059	44,640	45,329	46,360	47,570	49,093
Fuelwood ¹	tonne	17,473	17,497	16,726	16,619	16,597	16,336	16,003	15,466	14,529	13,625
Charcoal ¹	tonne	123	126	119	119	119	116	114	111	103	98
Electricity	GWh	617.9	643.0	652.2	680.1	710.7	725.3	753.0	781.0	806.5	831.3
5. Agriculture											
Diesel oil ¹	tonne	2,289	2,456	2,241	2,286	2,325	2,344	2,331	2,320	2,283	2,306
Electricity	GWh	28.7	28.2	25.8	20.5	23.8	22.5	25.0	25.4	26.7	21.8
6. Others											
LPG	tonne	-	-	-	-	-	-	-	258	270	285
Electricity	GWh	38.5	41.4	40.0	38.9	37.6	39.1	35.3	36.1	36.6	38.5

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 2006 - 2015

	ktoe									
Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1. Manufacturing	266.6	259.4	243.5	220.4	231.2	222.4	215.5	212.3	210.7	216.2
Fuel oil	51.6	53.5	48.3	41.4	39.8	38.7	37.4	37.6	38.9	35.7
Diesel oil	50.3	48.8	46.8	46.3	47.0	43.5	41.7	35.8	36.5	37.0
LPG	4.3	4.4	5.3	5.4	5.5	5.7	5.9	5.8	5.9	6.1
Coal	13.4	12.4	25.8	13.4	15.4	15.0	15.9	17.1	19.4	22.6
Fuelwood	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Electricity	72.3	75.6	78.5	77.1	80.3	79.9	79.9	82.8	81.2	82.7
Bagasse	74.2	64.1	38.3	36.3	42.6	39.1	34.1	32.7	28.5	31.6
2. Transport	430.0	415.6	410.6	394.9	421.6	435.3	427.3	438.8	454.1	463.1
Land	275.5	263.6	265.7	276.7	290.6	293.1	304.2	310.1	319.1	330.8
Gasolene	93.8	104.2	106.8	117.6	124.5	126.8	133.2	139.2	148.2	159.4
Diesel oil	174.2	152.2	153.4	154.2	161.1	161.5	166.3	166.5	166.8	168.0
LPG	7.4	7.2	5.6	5.0	5.0	4.9	4.7	4.4	4.0	3.4
Air: Jet Fuel	146.7	143.6	136.9	110.5	123.3	134.3	115.0	120.7	126.8	124.3
Sea	7.8	8.4	8.0	7.7	7.7	7.8	8.0	8.0	8.2	8.0
Fuel Oil	4.2	4.7	4.2	3.6	3.4	3.4	3.5	3.4	3.5	3.1
Gasolene	2.4	2.7	2.7	3.0	3.2	3.3	3.4	3.4	3.5	3.7
Diesel oil	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
3. Commercial and Distributive Trade	62.7	65.2	69.1	72.3	76.4	80.7	83.7	88.1	92.5	95.5
LPG	12.4	11.8	10.9	11.4	11.8	12.2	12.9	14.3	15.2	16.3
Charcoal	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
Electricity	50.0	53.1	57.8	60.5	64.3	68.1	70.4	73.4	77.0	78.9
4. Household	108.9	108.8	110.1	113.1	116.9	117.4	120.1	123.4	126.5	129.9
Kerosene	4.1	1.3	1.8	1.5	1.8	0.5	0.3	0.2	0.2	0.1
LPG	44.9	45.5	45.8	46.7	47.6	48.2	49.0	50.1	51.4	53.0
Fuelwood	6.6	6.6	6.4	6.3	6.3	6.2	6.1	5.9	5.5	5.2
Charcoal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	53.1	55.3	56.1	58.5	61.1	62.4	64.7	67.1	69.3	71.5
5. Agriculture	4.8	4.9	4.5	4.1	4.4	4.3	4.5	4.5	4.6	4.2
Diesel oil	2.3	2.5	2.3	2.3	2.3	2.4	2.4	2.3	2.3	2.3
Electricity	2.5	2.4	2.2	1.8	2.0	1.9	2.1	2.2	2.3	1.9
6. Other (n.e.s) and losses	3.4	3.6	3.8	3.8	3.5	3.0	3.4	3.5	3.4	3.9
TOTAL	876.3	857.5	841.6	808.6	854.0	863.0	854.4	870.6	891.9	912.9

Table 4.5 - Percentage share of final energy consumption in ktoe by sector and type of fuel, 2006 - 2015

Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1. Manufacturing	30.4	30.2	28.9	27.3	27.1	25.8	25.2	24.4	23.6	23.7
Fuel oil	5.9	6.2	5.7	5.1	4.7	4.5	4.4	4.3	4.4	3.9
Diesel oil	5.7	5.7	5.6	5.7	5.5	5.0	4.9	4.1	4.1	4.0
LPG	0.5	0.5	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.7
Coal	1.5	1.4	3.1	1.7	1.8	1.7	1.9	2.0	2.2	2.5
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	8.3	8.8	9.3	9.5	9.4	9.3	9.4	9.5	9.1	9.1
Bagasse	8.5	7.5	4.5	4.5	5.0	4.5	4.0	3.8	3.2	3.5
2. Transport	49.1	48.5	48.8	48.8	49.4	50.4	50.0	50.4	50.9	50.7
Land	31.4	30.7	31.6	34.2	34.0	34.0	35.6	35.6	35.8	36.2
Gasolene	10.7	12.1	12.7	14.5	14.6	14.7	15.6	16.0	16.6	17.5
Diesel oil	19.9	17.8	18.2	19.1	18.9	18.7	19.5	19.1	18.7	18.4
LPG	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4
Air: Jet Fuel	16.7	16.7	16.3	13.7	14.4	15.6	13.5	13.9	14.2	13.6
Sea	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
Fuel Oil	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Gasolene	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Diesel oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3. Commercial and Distributive Trade	7.2	7.6	8.2	8.9	9.0	9.3	9.8	10.1	10.4	10.5
LPG	1.4	1.4	1.3	1.4	1.4	1.4	1.5	1.6	1.7	1.8
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	5.7	6.2	6.9	7.5	7.5	7.9	8.2	8.4	8.6	8.6
4. Household	12.4	12.7	13.1	14.0	13.7	13.6	14.1	14.2	14.2	14.2
Kerosene	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0
LPG	5.1	5.3	5.4	5.8	5.6	5.6	5.7	5.8	5.8	5.8
Fuelwood	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	6.1	6.4	6.7	7.2	7.2	7.2	7.6	7.7	7.8	7.8
5. Agriculture	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Diesel oil	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2
6. Other (n.e.s) and losses	0.4	0.4	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

%

Fig 4.2 - Final energy consumption (ktoe) by main energy sources, 2006 - 2015

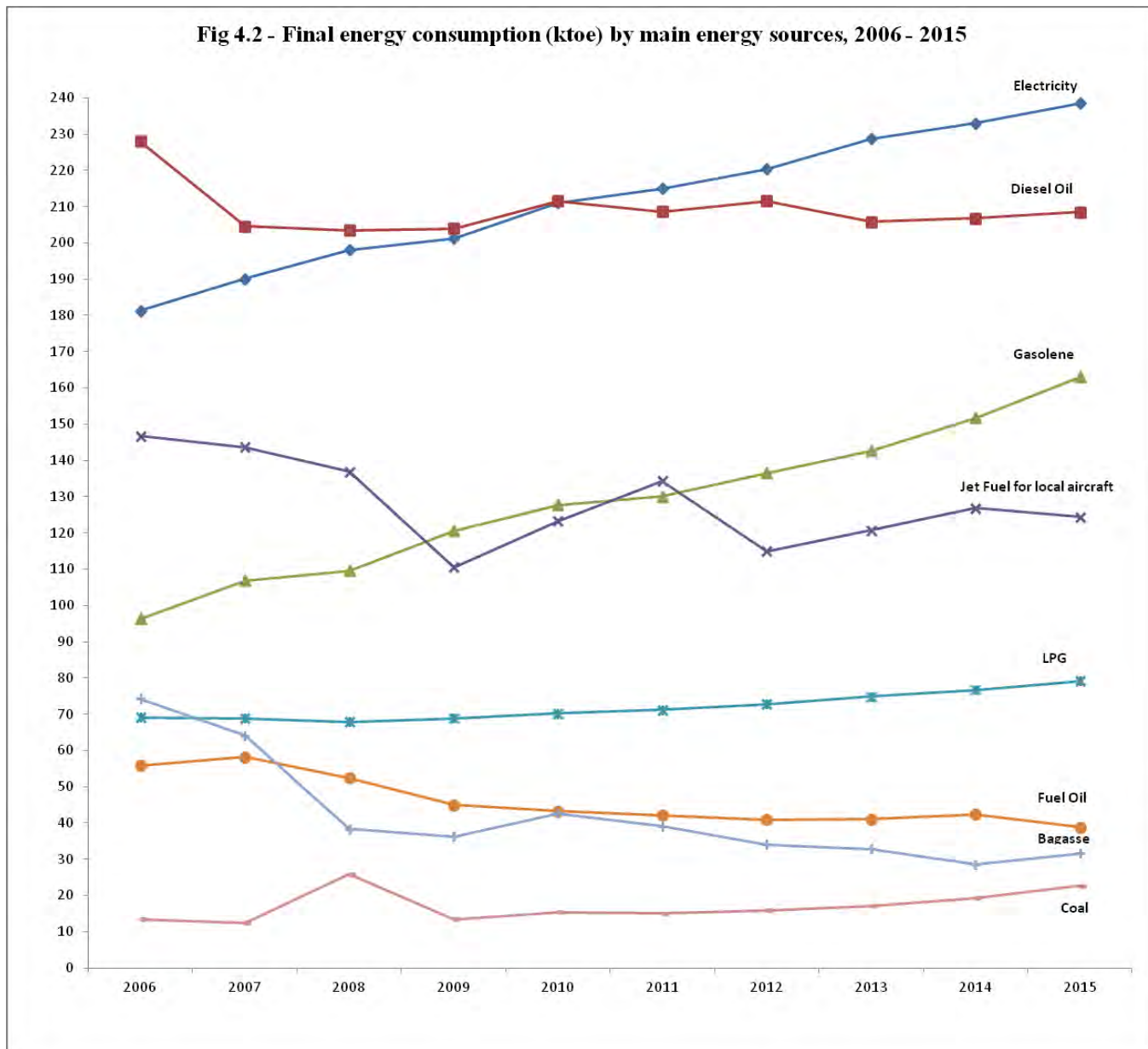


Fig 4.3 - Percentage share of energy sources in the Final Energy Consumption (ktoe) - 2006, 2010 and 2015

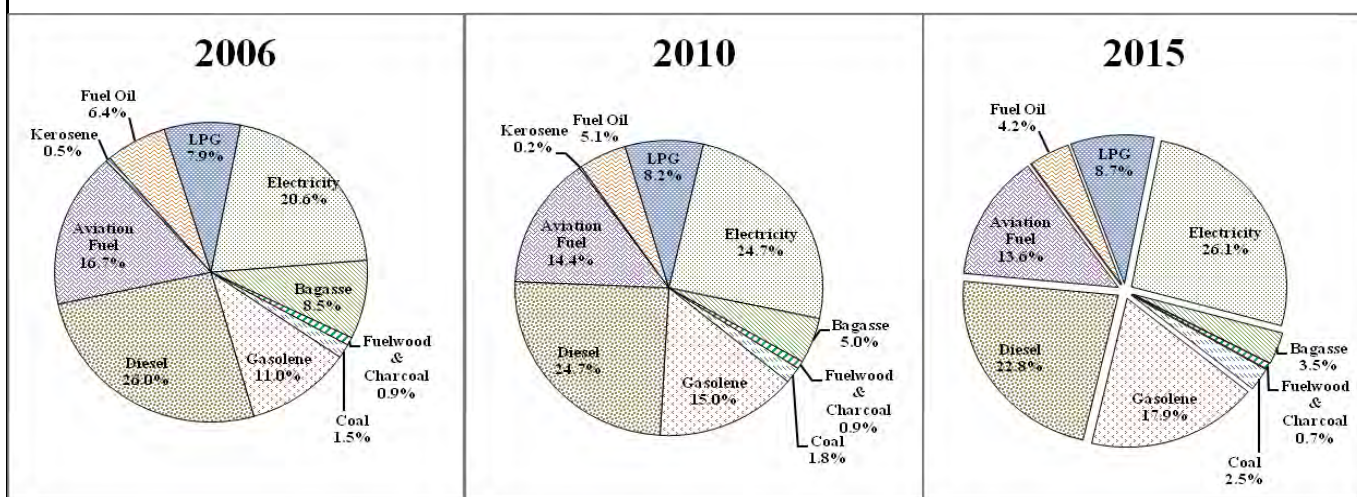


Table 4.7 - Sales of electricity by tariff group, 2006 - 2015 (Republic of Mauritius)

Tariff group	2006	2007	2008	2009	2010	2011	2012	2013 ¹	2014	2015
Number of consumers										
Domestic	335,816	343,142	350,627	358,359	364,474	372,315	381,096	388,910	396,335	404,463
Commercial	33,089	34,388	35,721	36,151	36,956	37,685	38,539	39,199	40,089	41,124
Industrial	7,364	7,435	7,295	7,143	7,008	6,818	6,763	6,703	6,593	6,381
Other	349	356	369	403	429	465	507	550	610	637
Total	376,618	385,321	394,012	402,056	408,867	417,283	426,905	435,362	443,627	452,605
GWh sold										
Domestic	617.9	643.0	652.2	680.1	710.7	725.3	753.0	780.8	806.3	831.0
Commercial	581.8	617.9	672.7	704.2	748.0	792.6	818.7	852.0	894.1	915.8
Industrial	641.6	673.0	688.7	646.1	677.6	679.4	687.4	715.2	715.2	720.1
Other	38.5	41.4	40.0	38.9	37.6	30.9	35.3	36.1	36.6	38.5
Total	1,879.8	1,975.3	2,053.7	2,069.2	2,173.9	2,228.2	2,294.4	2,384.1	2,452.2	2,505.4
Value sold (Rs.mn)										
Domestic	2,264.1	2,463.6	3,145.5	3,451.6	3,730.3	4,066.7	4,298.5	4,467.3	4,640.2	4,797.8
Commercial	2,779.1	3,109.5	4,439.4	4,827.8	5,269.3	5,862.4	6,092.9	6,286.3	6,569.7	6,723.3
Industrial	1,532.4	1,691.6	2,203.6	2,109.1	2,271.0	2,392.1	2,450.5	2,532.8	2,545.2	2,555.2
Other	194.3	216.8	275.0	275.6	274.3	240.1	269.6	239.0	285.0	297.5
Total	6,769.9	7,481.5	10,063.5	10,664.1	11,544.9	12,561.3	13,111.5	13,525.4	14,040.1	14,373.9
Average sales price* (Rs./kWh)										
Domestic	3.66	3.83	4.82	5.07	5.25	5.61	5.71	5.72	5.76	5.77
Commercial	4.78	5.03	6.60	6.86	7.04	7.40	7.44	7.38	7.35	7.34
Industrial	2.39	2.51	3.20	3.26	3.35	3.52	3.56	3.54	3.56	3.55
Other	5.04	5.24	6.87	7.09	7.29	7.77	7.64	6.62	7.78	7.74
Total	3.60	3.79	4.90	5.15	5.31	5.64	5.71	5.67	5.73	5.74
Average no. of units per consumer (kWh)										
Domestic	1,840	1,874	1,860	1,898	1,950	1,948	1,976	2,008	2,034	2,055
Commercial	17,583	17,970	18,832	19,479	20,239	21,033	21,244	21,736	22,303	22,269
Industrial	87,123	90,514	94,414	90,445	96,692	99,654	101,641	106,701	108,474	112,858
Other	110,409	116,273	108,498	96,429	87,671	66,469	69,563	65,692	60,067	60,380
Total	4,991	5,126	5,212	5,147	5,317	5,340	5,374	5,476	5,528	5,536

¹ Revised

* Excluding VAT & meter rent

Source: Central Electricity Board

Fig. 4.4 - Percentage share of electricity consumers by tariff group, 2015

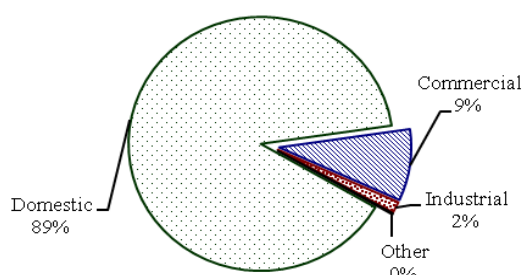


Fig. 4.5 - Percentage share of electricity sold by tariff group, 2015

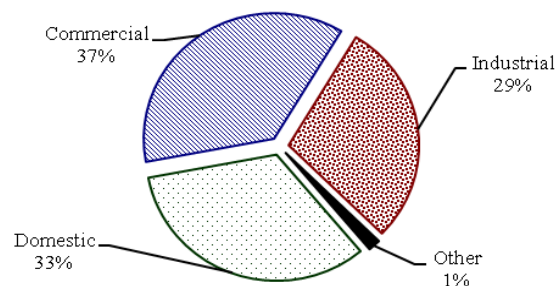


Fig. 4.6 - Percentage share of sales value of electricity by tariff group, 2015

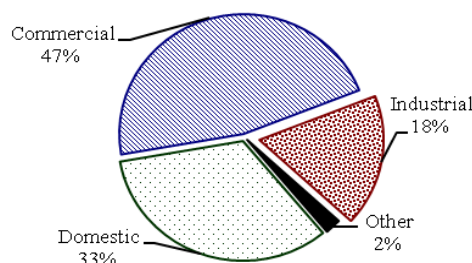


Fig. 4.7 - Sales of electricity by tariff group, 2006-2015
(Republic of Mauritius)

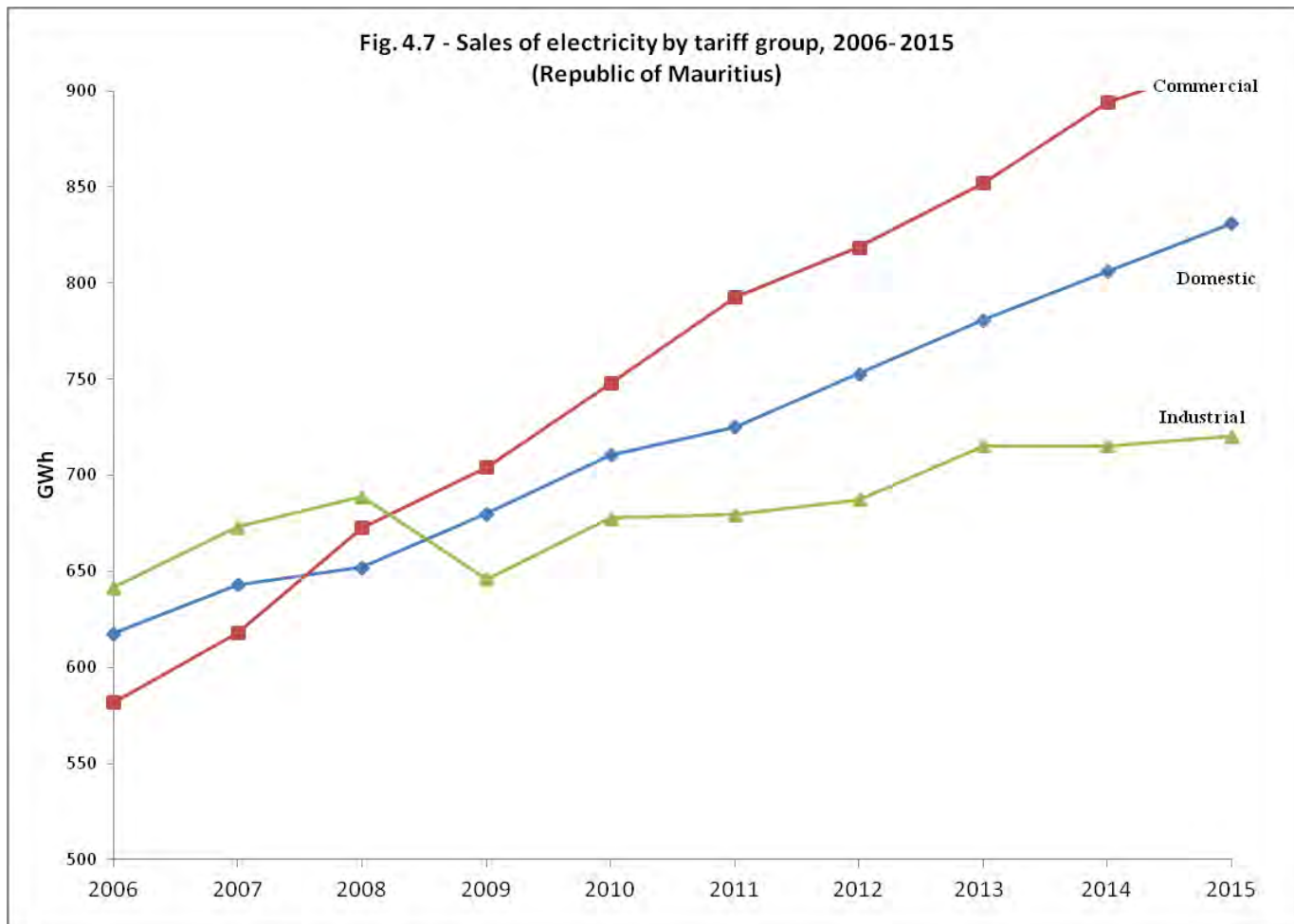


Fig. 4.8 - Sales value of electricity by tariff group, 2006 - 2015
(Republic of Mauritius)

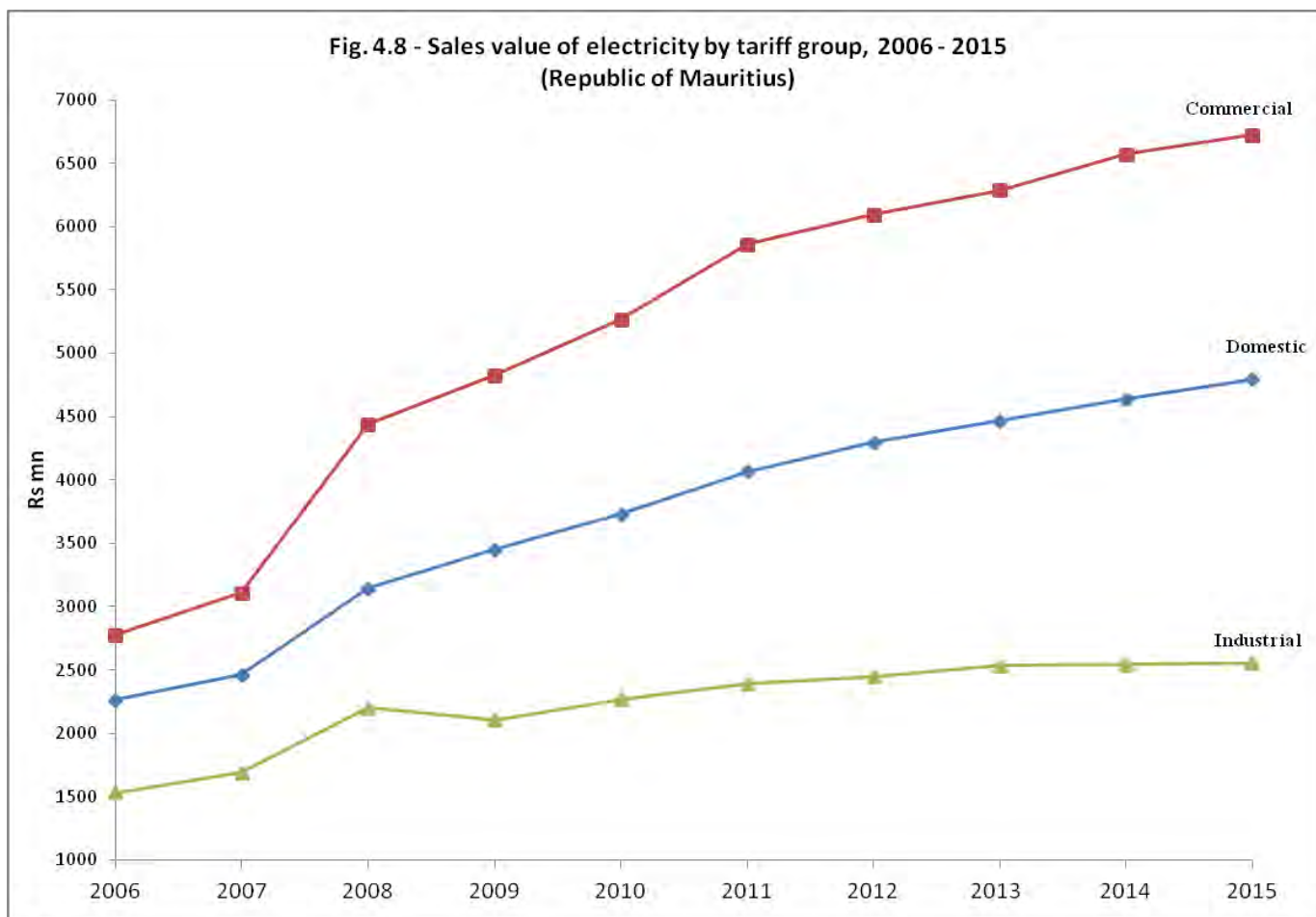


Table 4.8 - Sales of electricity by tariff group, 2006 - 2015 (Island of Mauritius)

Tariff group	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Number of consumers										
Domestic	325,830	332,900	340,217	347,757	353,689	361,231	369,707	377,238	384,281	392,240
Commercial	32,060	33,309	34,630	35,051	35,813	36,476	37,282	37,927	38,777	39,780
Industrial	7,176	7,245	7,096	6,932	6,777	6,586	6,517	6,443	6,312	6,100
<i>General</i>	6,729	6,782	6,631	6,454	6,284	6,082	5,992	5,890	5,733	5,502
<i>Irrigation</i>	447	463	465	478	493	504	525	553	579	598
Other	342	349	362	396	422	458	499	541	601	629
Total	365,408	373,803	382,305	390,136	396,701	404,751	414,005	422,149	429,971	438,749
GWh sold										
Domestic	603.4	628.4	637.5	665.3	695.3	709.7	737.0	764.0	788.8	812.7
Commercial	574.1	610.1	664.5	695.7	739.6	784.0	809.7	842.5	884.1	905.7
Industrial	639.7	671.2	687.0	643.9	675.6	677.4	685.4	713.0	712.7	716.6
<i>General</i>	611.0	643.0	661.1	623.5	651.8	654.9	660.5	687.6	686.1	694.8
<i>Irrigation</i>	28.7	28.2	25.8	20.4	23.8	22.5	24.9	25.4	26.6	21.8
Other	38.0	40.8	39.4	38.2	36.9	30.2	34.6	35.5	36.0	37.8
<i>Street Lighting</i>	32.6	33.1	34.0	33.3	30.9	24.4	24.8	25.6	27.6	28.3
<i>Temporary</i>	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3
<i>Miscellaneous</i>	4.9	7.4	5.2	4.7	5.8	5.6	9.6	9.6	8.1	9.2
Total	1,855.1	1,950.5	2,028.4	2,043.1	2,147.5	2,201.4	2,266.8	2,354.9	2,421.6	2,472.7
Value sold (Rs.mn)										
Domestic	2,215.0	2,412.2	3,080.6	3,383.0	3,656.3	3,986.9	4,215.7	4,380.2	4,549.3	4,701.5
Commercial	2,736.0	3,062.7	4,375.0	4,757.8	5,198.9	5,785.4	6,011.4	6,200.9	6,480.5	6,632.8
Industrial	1,526.4	1,685.7	2,195.9	2,100.1	2,262.1	2,382.7	2,441.0	2,522.4	2,533.6	2,540.1
<i>General</i>	1,472.5	1,629.9	2,130.9	2,047.9	2,197.9	2,319.8	2,370.2	2,450.5	2,458.5	2,479.2
<i>Irrigation</i>	54.0	55.8	64.9	52.2	64.1	62.8	70.9	71.9	75.1	60.9
Other	191.4	213.6	270.4	270.9	269.4	234.9	264.4	233.9	279.9	292.2
Total	6,668.8	7,374.3	9,921.9	10,511.8	11,386.7	12,389.8	12,932.5	13,337.4	13,843.3	14,166.6
Average sales price* (Rs./kWh)										
Domestic	3.67	3.84	4.83	5.08	5.26	5.62	5.72	5.73	5.77	5.79
Commercial	4.77	5.02	6.58	6.84	7.03	7.38	7.42	7.36	7.33	7.32
Industrial	2.39	2.51	3.20	3.26	3.35	3.52	3.56	3.54	3.55	3.54
<i>General</i>	2.41	2.53	3.22	3.28	3.37	3.54	3.59	3.56	3.58	3.57
<i>Irrigation</i>	1.88	1.98	2.52	2.55	2.69	2.79	2.84	2.84	2.82	2.79
Other	5.04	5.23	6.87	7.09	7.29	7.77	7.64	6.59	7.78	7.73
All tariff	3.59	3.78	4.89	5.14	5.30	5.63	5.71	5.66	5.72	5.73
Average no. of units per consumer (kWh)										
Domestic	1,852	1,888	1,874	1,913	1,966	1,964	1,993	2,025	2,053	2,072
Commercial	17,907	18,317	19,189	19,847	20,651	21,497	21,719	22,213	22,799	22,767
Industrial	89,139	92,644	96,808	92,893	99,694	102,855	105,179	110,661	112,911	117,480
<i>General</i>	90,794	94,815	99,705	96,604	103,726	107,679	110,233	116,746	119,672	126,286
<i>Irrigation</i>	64,220	60,843	55,497	42,777	48,305	44,631	47,488	45,849	45,970	36,457
Other	95,368	94,979	93,867	84,099	73,227	53,187	49,620	47,410	45,904	44,977
All consumers	5,077	5,218	5,306	5,237	5,413	5,439	5,475	5,578	5,632	5,636

* Excluding VAT & meter rent

Source: Central Electricity Board

Fig. 4.9 - Average sales price of electricity by tariff group, 2006 - 2015
(Island of Mauritius)

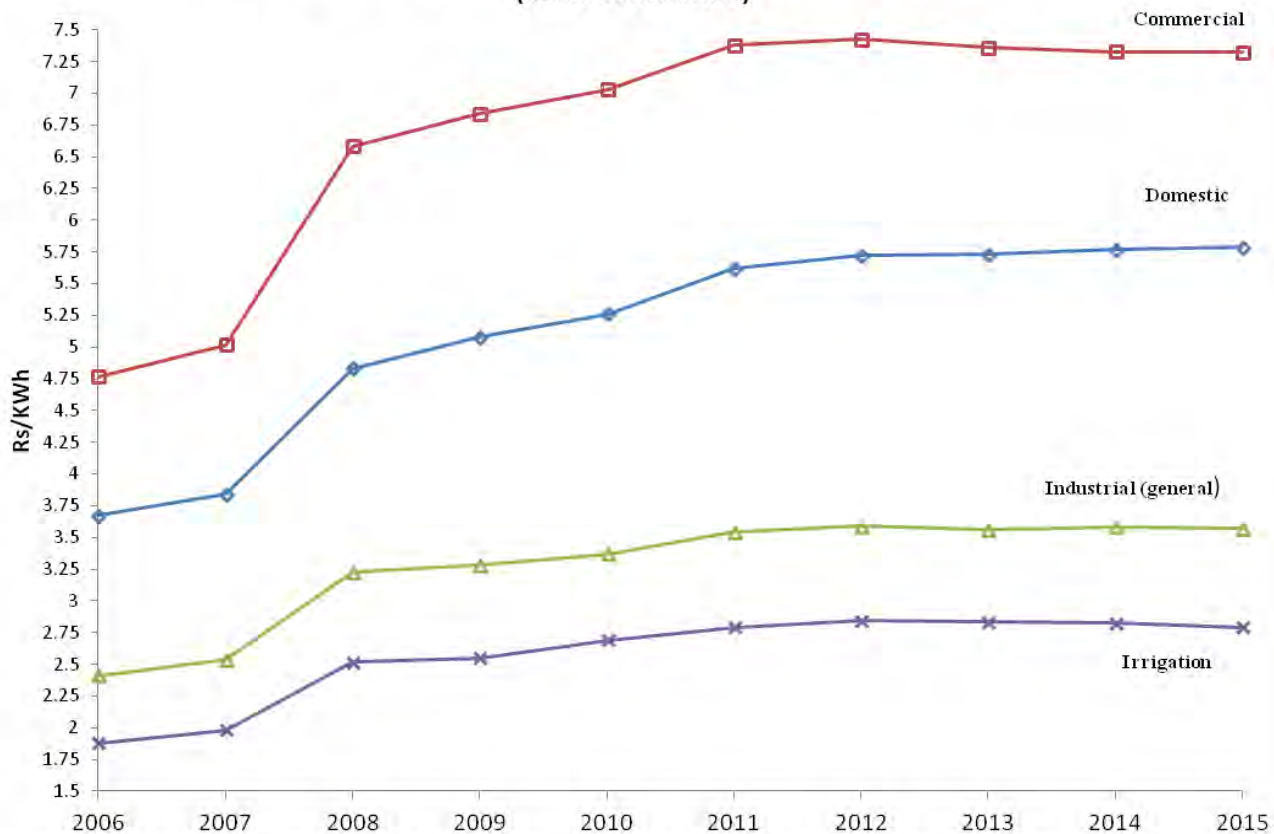


Fig. 4.10 - Average no. of units used per consumer by tariff group, 2006- 2015
(Island of Mauritius)

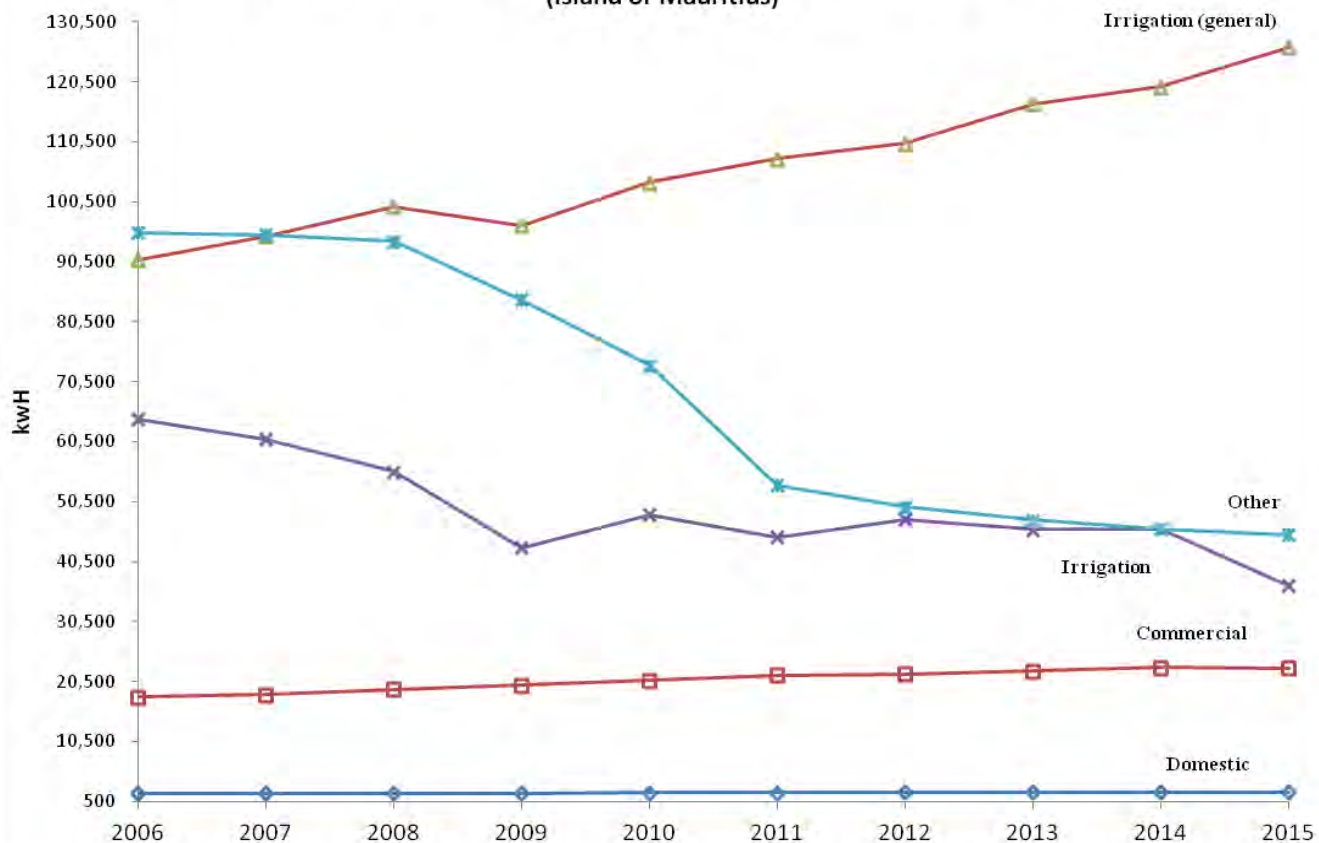


Table 4.9 - Sales of electricity by tariff group, 2006 - 2015 (Island of Rodrigues)

Tariff group	2006	2007	2008	2009	2010	2011	2012	2013 ¹	2014	2015
Number of consumers										
Domestic	9,986	10,242	10,410	10,602	10,785	11,084	11,389	11,672	12,054	12,223
Commercial	1,029	1,079	1,091	1,100	1,143	1,209	1,257	1,272	1,312	1,344
Industrial	188	190	199	211	231	232	246	260	281	281
Other	7	7	7	7	7	7	8	9	9	8
Total	11,210	11,518	11,707	11,920	12,166	12,532	12,900	13,213	13,656	13,856
GWh sold										
Domestic	14.4	14.6	14.6	14.8	15.4	15.5	16.0	16.8	17.4	18.4
Commercial	7.7	7.8	8.2	8.5	8.4	8.6	9.0	9.6	10.0	10.1
Industrial	1.9	1.8	1.8	2.1	2.0	2.0	2.0	2.2	2.5	3.5
Other	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total	24.7	24.7	25.3	26.1	26.4	26.9	27.6	29.2	30.6	32.7
Value sold (Rs mn)										
Domestic	49.1	51.3	64.9	68.6	74.0	79.8	82.8	87.0	90.9	96.3
Commercial	43.1	46.8	64.4	70.0	70.4	77.0	81.5	85.4	89.2	90.5
Industrial	5.9	5.9	7.7	9.0	9.0	9.4	9.4	10.5	11.6	15.2
Other	2.9	3.2	4.6	4.7	4.9	5.2	5.2	5.1	5.2	5.3
Total	101.1	107.2	141.6	152.3	158.2	171.5	178.9	188.0	196.8	207.3
Average sales price* (Rs/kWh)										
Domestic	3.40	3.52	4.43	4.64	4.80	5.13	5.18	5.19	5.21	5.24
Commercial	5.59	5.98	7.88	8.20	8.40	8.96	9.06	8.94	8.88	8.95
Industrial	3.11	3.34	4.30	4.23	4.51	4.63	4.83	4.70	4.68	4.31
Other	5.05	5.37	6.96	7.05	7.29	7.68	7.82	7.82	7.84	7.84
Average	4.10	4.33	5.61	5.83	5.98	6.39	6.49	6.44	6.43	6.34
Average no. of units per consumer (kWh)										
Domestic	1,446	1,422	1,406	1,395	1,429	1,403	1,403	1,436	1,446	1,504
Commercial	7,505	7,243	7,492	7,766	7,327	7,108	7,152	7,513	7,653	7,528
Industrial	10,169	9,292	9,016	10,036	8,608	8,788	7,933	8,583	8,801	12,533
Other	81,968	84,841	94,382	95,355	95,987	96,923	83,593	72,999	73,007	84,323
Average	2,199	2,148	2,158	2,191	2,174	2,143	2,139	2,211	2,241	2,360

1 Revised

* Excluding VAT & meter rent

Source: Central Electricity Board

Fig. 4.11 - Average sales price of electricity by tariff group, 2006 - 2015
(Island of Rodrigues)

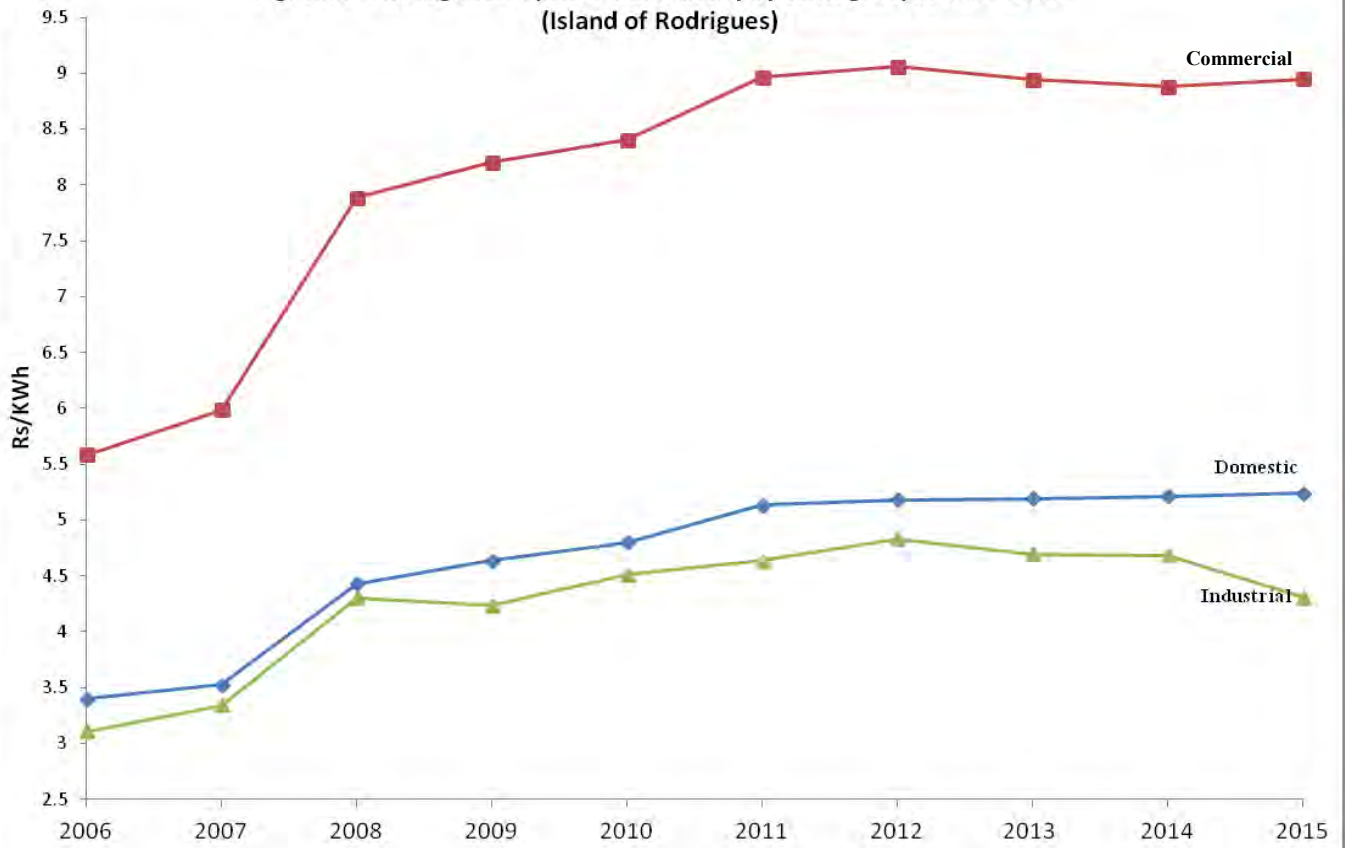
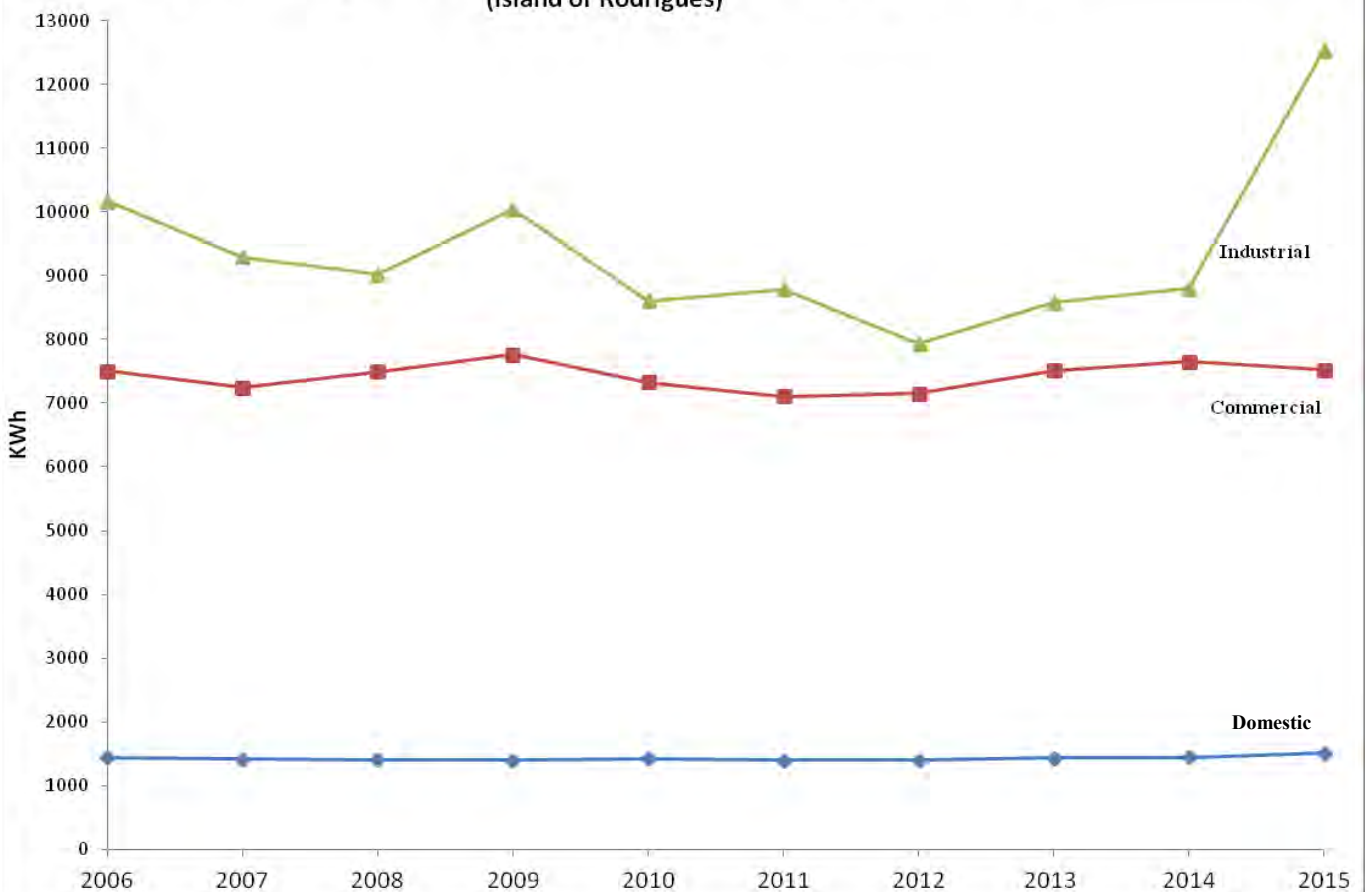


Fig. 4.12 - Average no. of units used per consumer by tariff group, 2006 - 2015
(Island of Rodrigues)





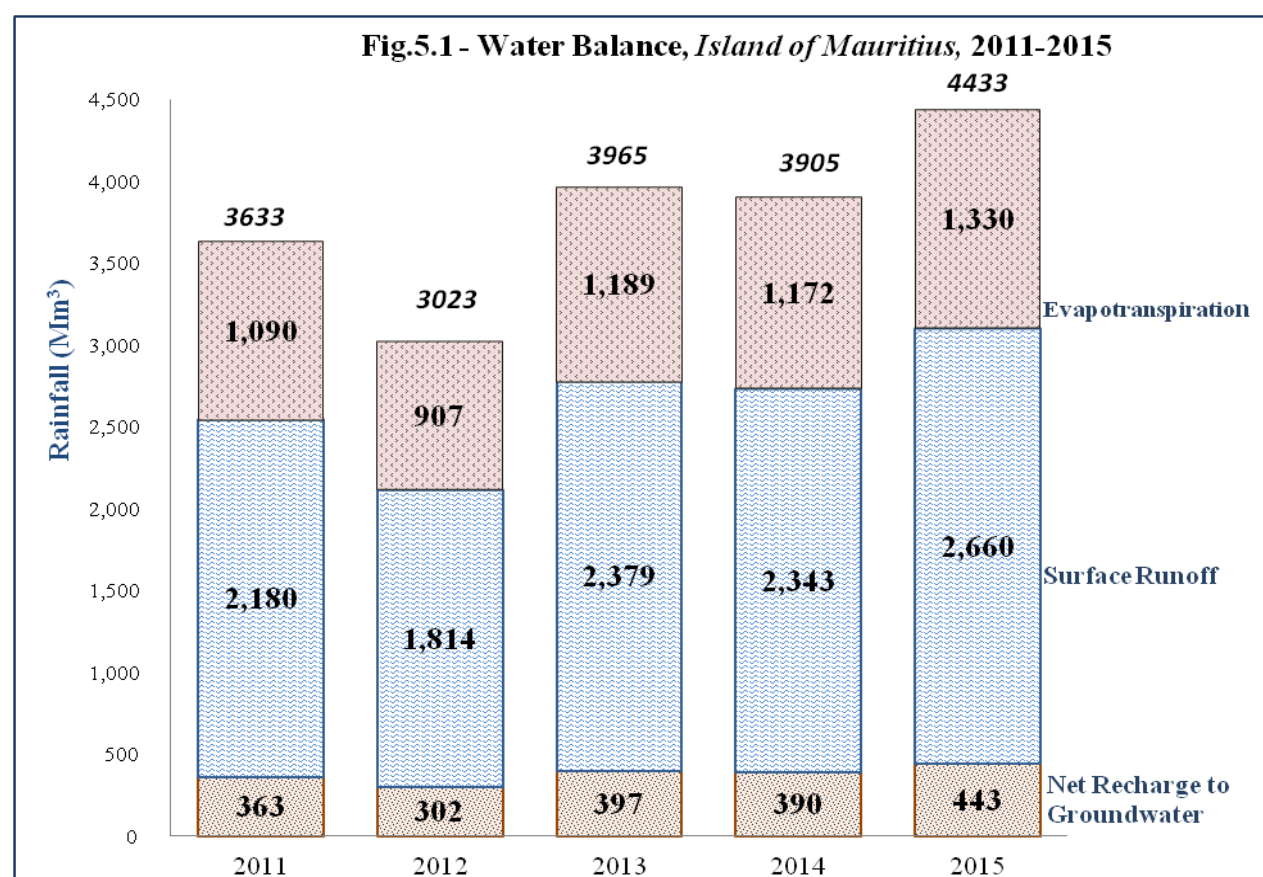
Section V
Water Statistics

Table 5.1 - Main water indicators^{1/}, 2011 - 2015

Details	Unit	2011	2012	2013	2014	2015
Mid-year population	thousand	1,212	1,215	1,217	1,219	1,263
Mean annual rainfall						
<i>Island of Mauritius</i> ^{2/}	Millimetres	1,948	1,621	2,126	2,094	2,377
<i>Island of Rodrigues</i>						
<i>Pte Canon</i> ^{2/}	Millimetres	849	1,041	978	1,145	1,272
<i>Plaine Corail</i> ^{2/}	Millimetres	842	853	871	1,143	1,338
Potable water produced	Mm ³	203	215	217	229	245
Potable water consumed	Mm ³	96	95	96	97	98
Potable water produced per capita per day	litres	458	484	487	514	549
Potable water consumed per capita per day	litres	218	214	216	218	220
Consumption per capita per day for 'Domestic' tariffs	litres	167	164	165	167	168
Average price per m ³	Rs/m ³	8.75	11.90	12.12	12.21	11.79

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

^{2/} Revised



2010-2013 Revised

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

Table 5.2 - Water utilisation by source, 2013 - 2015, Island of Mauritius

Utilisation	2013				2014				2015			
	Source of water			Total	Source of water			Total	Source of water			Total
	Surface water		Ground water		Surface water		Ground water		Surface water		Ground water	
	River-run offtakes	Reservoirs		River-run offtakes	Reservoirs	River-run offtakes		Reservoirs				
Domestic, Industrial ^{1/} and tourism	34 ^{2/}	78	108	220	35	80	119	234	35 ⁽¹⁾	87	133	255
Industrial ^{3/}	5	2	6	13	5	2	6	13	5	2	7	14
Agricultural	312	56 ^{4/}	7	375	308	59	6	373	270	68 ⁽²⁾	5	343
Hydropower	146 ^{5/}	134 ^{5/}	-	280	150	125	-	275	183 ⁽⁴⁾	178 ⁽³⁾	-	361
Overall Utilisation	497	270	121	888	498	266	131	895	493	335	145	973
Total Water Mobilisation	465	224	121	810	469	213	131	813	442	274	145	861

1/ used through CWA

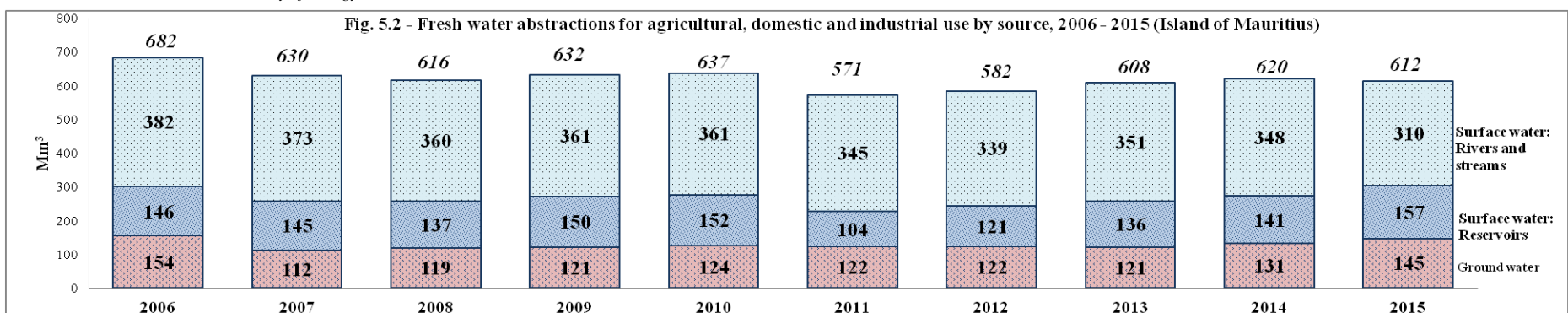
3/ used by water right owners and ground water licensees

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



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

Table 5.3 - Fresh water abstractions by sector, 2006- 2015, Island of Mauritius

Sector	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gross fresh surface water abstraction	528	518	497	511	513	449	460	487	489	467
Water supply industry (Central Water Authority)	100	102	107	112	110	94	97	112	115	122
Manufacturing	5	5	5	5	5	5	5	7	7	7
Agriculture, forestry and fishing	423	411	385	394	398	350	358	368	367	338
Gross ground water abstraction	154	112	119	121	124	122	122	121	131	145
Water supply industry (Central Water Authority)	116	99	107	111	113	111	109	108	119	133
Manufacturing	13	6	6	5	5	5	6	6	6	7
Agriculture, forestry and fishing	25	7	6	5	6	6	7	7	6	5
Total	682	630	616	632	637	571	582	608	620	612

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	Diamamouville	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, 2011 - 2015 (Island of Mauritius)

		<i>Millimetres</i>																					
Period	Long Term Mean (1981-2010)	2011 ¹		2012 ¹		2013 ¹		2014		2015		2011 ¹		2012 ¹		2013 ¹		2014		2015			
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		
Year		North										South											
		1,294	1,443	112	963	74	1,262	98	1,264	98	1,386	107	2,572	2,213	86	1,996	78	2,668	104	2,607	101	2,958	115
Jan		177	189	107	72	41	159	90	242	137	266	150	306	223	73	81	26	329	108	513	168	496	162
Feb		245	243	99	110	45	463	189	127	52	161	66	393	438	111	268	68	488	124	237	60	308	78
Mar		190	376	198	259	136	151	80	175	92	244	128	326	367	113	394	121	519	159	333	102	525	161
Apr		137	72	53	132	97	86	63	165	120	69	50	279	63	22	306	110	274	98	371	133	141	51
May		89	88	99	95	107	38	42	103	116	134	151	197	116	59	207	105	70	35	146	74	211	107
Jun		63	123	195	44	70	33	52	19	30	142	225	153	171	112	80	52	101	66	94	62	271	177
Jul		71	58	81	58	82	11	15	23	33	64	90	181	138	76	151	84	115	63	153	84	215	119
Aug		59	115	194	46	78	49	82	58	97	46	78	153	209	137	94	62	139	91	121	79	207	135
Sep		57	16	29	18	31	13	23	22	39	23	40	136	58	42	80	59	52	38	64	47	63	46
Oct		42	8	19	16	39	91	217	50	119	94	224	107	77	72	71	67	170	159	90	84	181	169
Nov		45	34	76	34	76	123	273	49	109	62	138	114	92	80	96	84	244	213	134	117	132	115
Dec		119	123	103	79	66	46	39	230	193	81	68	227	261	115	168	74	167	74	351	155	208	92
Year		East										West											
		2,568	2,794	109	2,289	89	2,716	106	2,758	107	2,959	115	912	1,050	115	631	69	971	106	906	99	1,242	136
Jan		309	480	155	130	42	337	109	524	170	602	195	186	288	155	57	31	88	47	306	165	306	165
Feb		427	396	93	259	61	680	159	250	59	330	77	219	223	102	106	49	245	112	101	46	155	71
Mar		338	579	171	468	138	367	109	376	111	455	135	138	157	114	161	117	192	139	96	70	286	207
Apr		280	96	34	347	124	307	110	294	105	181	65	85	3	4	103	121	54	64	90	106	77	91
May		207	164	79	280	135	67	33	151	73	235	114	40	91	228	79	197	9	23	26	65	34	85
Jun		143	203	142	132	92	99	69	88	61	299	209	25	101	406	7	26	4	15	2	10	66	264
Jul		164	142	86	153	93	94	57	188	114	196	120	23	10	41	7	28	1	3	10	41	27	117
Aug		138	278	201	148	107	159	115	173	125	207	150	17	51	298	4	25	37	216	51	301	39	229
Sep		130	74	57	76	59	49	38	74	57	48	37	27	3	10	3	10	1	4	11	40	20	74
Oct		101	102	101	47	47	192	190	92	91	200	198	22	1	2	4	20	45	206	11	51	62	282
Nov		107	53	50	79	74	248	232	107	100	85	79	30	59	197	55	183	259	863	13	43	60	200
Dec		224	226	101	171	76	117	52	442	197	121	54	100	64	64	45	45	35	35	189	189	110	110

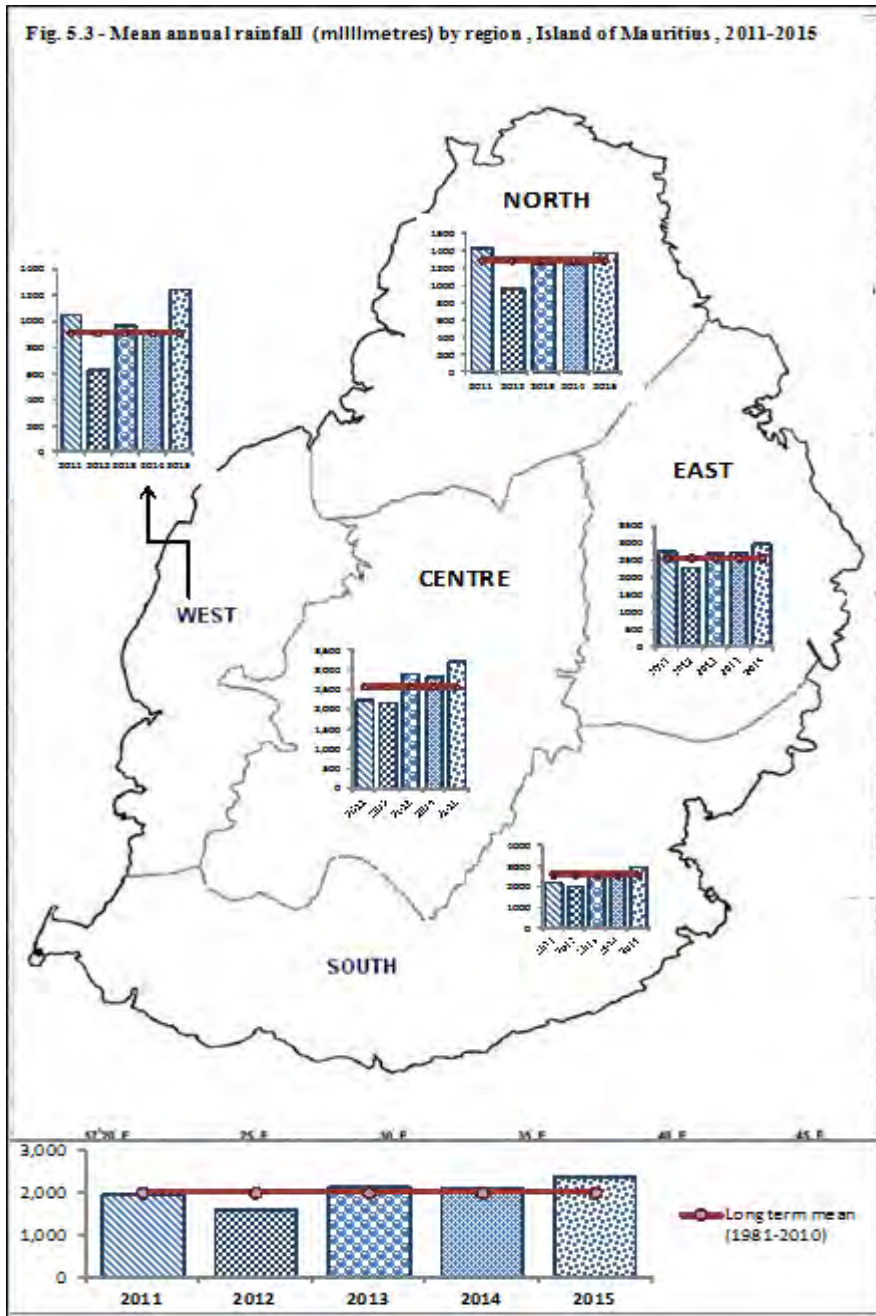
¹ Revised

Source: Mauritius Meteorological Services

Table 5.5 - Mean rainfall, 2011 - 2015 (Island of Mauritius) (cont'd)

Millimetres

Period	Long Term Mean (1981-2010)	2011 ¹		2012 ¹		2013 ¹		2014		2015	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
Centre											
Year	2,568	2,228	87	2,158	84	2,898	113	2,833	110	3,238	126
Jan	333	374	112	102	31	357	107	510	153	606	182
Feb	446	346	78	294	66	545	122	203	46	390	87
Mar	315	384	122	420	133	515	163	355	113	481	153
Apr	268	53	20	346	129	335	125	292	109	200	75
May	196	114	58	270	138	80	41	192	98	200	102
Jun	141	159	113	124	88	131	93	96	68	300	213
Jul	173	110	63	128	74	100	58	247	143	231	134
Aug	151	204	135	116	77	161	106	178	118	208	138
Sep	124	71	58	88	71	66	53	95	76	72	58
Oct	107	70	65	65	61	182	170	74	69	215	201
Nov	92	113	123	75	82	299	325	130	141	133	145
Dec	222	230	104	130	59	128	58	462	208	202	91
Whole Island											
Year	2,003	1,948	97	1,621	81	2,126	106	2,094	105	2,377	119
Jan	263	304	116	88	33	258	98	419	159	455	173
Feb	348	331	95	210	60	486	140	184	53	271	78
Mar	263	373	142	343	130	355	135	270	103	400	152
Apr	212	58	27	249	117	214	101	247	117	134	63
May	148	114	77	187	126	54	37	127	86	165	111
Jun	107	151	141	78	72	75	70	61	57	218	204
Jul	125	93	74	101	81	65	52	126	101	150	120
Aug	106	172	162	82	78	110	104	116	110	143	135
Sep	96	45	47	54	56	37	39	54	56	46	48
Oct	77	52	67	42	55	138	179	64	84	152	197
Nov	78	71	91	68	87	233	299	89	114	96	123
Dec	180	184	102	120	67	101	56	336	187	147	82



¹ Revised

Table 5.6- Mean rainfall 2011 - 2015, Island of Rodrigues

<i>Millimetres</i>																						
Period	Long Term Mean (1981-2010)	2011		2012		2013		2014		2015		Long Term Mean (1981-2010)	2011		2012		2013		2014		2015	
		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
		Oyster Bay											Plaine Corail									
Year	1,273	1,038	82	1,122	88	1,051	83	1,329	104	1,385	109	1,006	842	84	853	85	871	87	1,143	114	1,338	133
Jan	173	93	54	188	109	60	35	9	5	312	181	133	75	57	138	104	67	50	55	42	333	250
Feb	179	112	63	228	128	252	141	98	55	35	20	166	133	80	208	125	197	119	88	53	22	13
Mar	146	156	107	90	61	112	77	386	263	182	124	135	115	85	103	76	33	24	350	260	201	149
Apr	147	57	39	59	40	59	40	105	71	160	109	116	48	42	55	48	137	118	67	58	140	121
May	94	104	110	88	93	56	59	61	64	89	94	74	59	79	71	95	24	32	70	95	41	55
Jun	82	86	105	24	29	50	61	153	187	48	59	61	65	106	21	34	36	59	104	170	19	31
Jul	106	105	99	119	112	24	23	184	173	82	77	65	86	132	79	122	31	48	110	170	47	72
Aug	83	111	134	56	67	115	138	85	102	77	92	47	82	175	31	66	112	239	82	174	55	117
Sep	62	7	11	42	68	92	149	55	89	48	77	46	19	42	22	49	62	135	81	177	36	78
Oct	58	82	142	12	21	116	201	19	33	208	361	37	50	136	14	37	63	171	13	34	279	754
Nov	75	22	29	42	56	34	45	100	134	20	27	64	10	16	18	28	23	36	86	134	11	17
Dec	68	103	151	174	255	81	119	75	110	123	181	62	100	161	93	150	85	137	36	58	154	248
		Port Sud Est											Marechal									
Year	1,098	1,137	104	832	76	716	65	760	69	1,025	93	1,469	1,002	68	899	61	1,519	103	1,056	72	1,061	72
Jan	156	59	38	92	59	28	18	4	3	397	254	180	82	46	130	72	70	39	15	8	305	169
Feb	193	209	108	330	171	123	64	40	21	9	5	214	176	82	168	79	405	190	76	36	17	8
Mar	147	168	114	139	95	17	12	230	157	132	90	157	156	99	119	76	107	68	321	204	127	81
Apr	133	68	51	47	35	163	123	40	30	124	93	186	24	13	55	30	329	177	59	32	95	51
May	79	178	224	51	64	48	60	50	63	42	53	111	67	60	61	55	22	20	61	55	44	39
Jun	68	76	112	14	21	23	34	117	171	27	39	97	96	99	22	23	48	50	108	111	31	32
Jul	71	56	79	42	59	20	28	62	87	17	24	108	147	136	127	117	56	52	105	97	27	25
Aug	56	84	150	26	46	100	179	70	124	13	23	93	57	61	48	51	189	203	89	95	49	52
Sep	47	10	21	14	30	55	117	27	57	14	30	73	26	36	29	40	82	113	48	66	26	36
Oct	41	96	236	7	17	67	164	5	12	153	376	69	51	74	0	0	101	146	23	33	241	348
Nov	51	20	39	2	4	19	37	90	176	6	11	97	24	25	9	9	20	21	68	69	13	13
Dec	55	113	206	70	128	53	97	26	48	92	168	83	96	115	131	157	90	108	85	102	85	102

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall 2011 - 2015, Island of Rodrigues (cont'd)

Millimetres

Period	Long Term Mean	2011		2012		2013		2014		2015		Long Term Mean	2011		2012		2013		2014		2015		
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	
Year	(1981-2010)	Solitude										(1981-2010)	Mourouk										
		1,380	1,155	84	1,082	78	1,271	92	1,347	98	1,480	107	1,114	1,229	110	931	84	Station closed		Station closed		Station closed	
	Jan	155	103	66	130	84	80	52	58	38	391	252	162	67	41	86	53						
	Feb	203	133	66	260	128	260	128	84	41	49	24	189	218	115	370	196						
	Mar	160	139	87	105	66	118	74	351	220	207	130	157	207	132	125	79						
	Apr	170	49	29	59	35	196	115	121	71	179	105	142	79	56	53	37						
	May	104	132	127	97	93	47	45	88	84	100	95	79	154	195	54	68						
	Jun	85	89	104	14	16	43	50	125	147	40	47	64	73	115	24	38						
	Jul	109	122	112	115	106	9	8	196	181	77	71	70	101	145	66	95						
	Aug	91	129	141	0	0	118	129	87	95	75	82	52	92	178	42	81						
	Sep	74	5	7	39	53	101	137	40	55	37	49	50	5	10	24	48						
	Oct	65	84	129	0	0	142	218	11	16	186	286	42	86	206	7	17						
	Nov	88	19	22	50	57	71	81	97	110	35	40	54	12	22	7	13						
Dec	75	151	201	213	284	86	83	88	117	104	138	55	135	247	74	135							
Year	(1982-2010)	Citronelle										(1993-2010)	Baie Topaze										
		1,696	1,343	79	1,355	80	1,434	85	1,630	96	1,804	106	1,022	953	93	874	86	1,177	115	1,139	112	1,215	119
	Jan	181	122	68	282	156	79	44	78	43	413	229	134	71	53	129	96	48	36	50	37	287	214
	Feb	244	161	66	215	88	261	107	89	36	49	20	152	138	91	191	126	344	226	77	51	39	26
	Mar	186	171	92	109	59	128	69	408	220	249	134	142	142	100	112	79	52	37	322	227	184	130
	Apr	206	62	30	82	40	196	95	127	61	217	105	116	48	41	59	51	229	197	56	48	134	115
	May	143	129	90	120	84	57	40	80	56	105	73	73	57	78	61	83	29	40	76	104	64	87
	Jun	117	103	88	25	21	64	55	176	150	36	31	73	81	111	33	45	45	62	123	168	14	19
	Jul	137	189	138	143	105	28	21	218	160	92	68	71	91	128	91	128	37	52	119	167	45	64
	Aug	112	105	94	62	55	154	137	123	110	80	71	60	86	143	52	87	137	228	85	141	59	98
	Sep	97	6	6	50	52	132	137	54	56	42	44	45	26	58	30	67	62	137	58	128	49	108
	Oct	83	127	152	21	25	179	215	36	43	317	380	46	69	150	11	24	87	190	14	30	252	549
	Nov	105	23	22	52	49	44	42	143	136	39	37	64	23	36	19	30	34	53	70	110	10	16
Dec	85	145	171	194	229	112	132	98	116	165	195	46	121	264	85	185	73	159	91	198	78	171	

Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall 2011 - 2015, *Island of Rodrigues (cont'd)*

Period	Long Term Mean (1981-2010)	Millimetres									
		2011		2012		2013		2014		2015	
		Mean	% of Long Term	Mean	% of Long Term Mean	Mean	% of Long Term	Mean	% of Long Term Mean	Mean	% of Long Term Mean
Year	1,102	849	77	1,041	94	978	89	1,145	104	1,272	115
Jan	149	90	60	213	143	70	47	44	30	303	203
Feb	160	85	53	227	142	218	136	62	39	37	23
Mar	133	109	82	86	65	90	67	304	228	168	126
Apr	138	58	42	50	36	144	104	113	82	156	113
May	84	73	87	80	95	40	48	76	91	89	106
Jun	72	69	96	21	29	44	61	105	146	31	43
Jul	87	65	75	105	121	13	15	174	200	67	77
Aug	63	99	157	37	59	93	148	56	89	68	108
Sep	51	9	18	41	80	68	133	36	70	42	82
Oct	43	71	164	11	26	90	208	22	51	189	440
Nov	64	18	28	34	53	30	47	74	116	22	34
Dec	58	103	178	137	236	80	138	78	134	100	172

Source: Mauritius Meteorological Services

Fig. 5.4 - Mean annual rainfall by region, Island of Rodrigues, 2011-2015

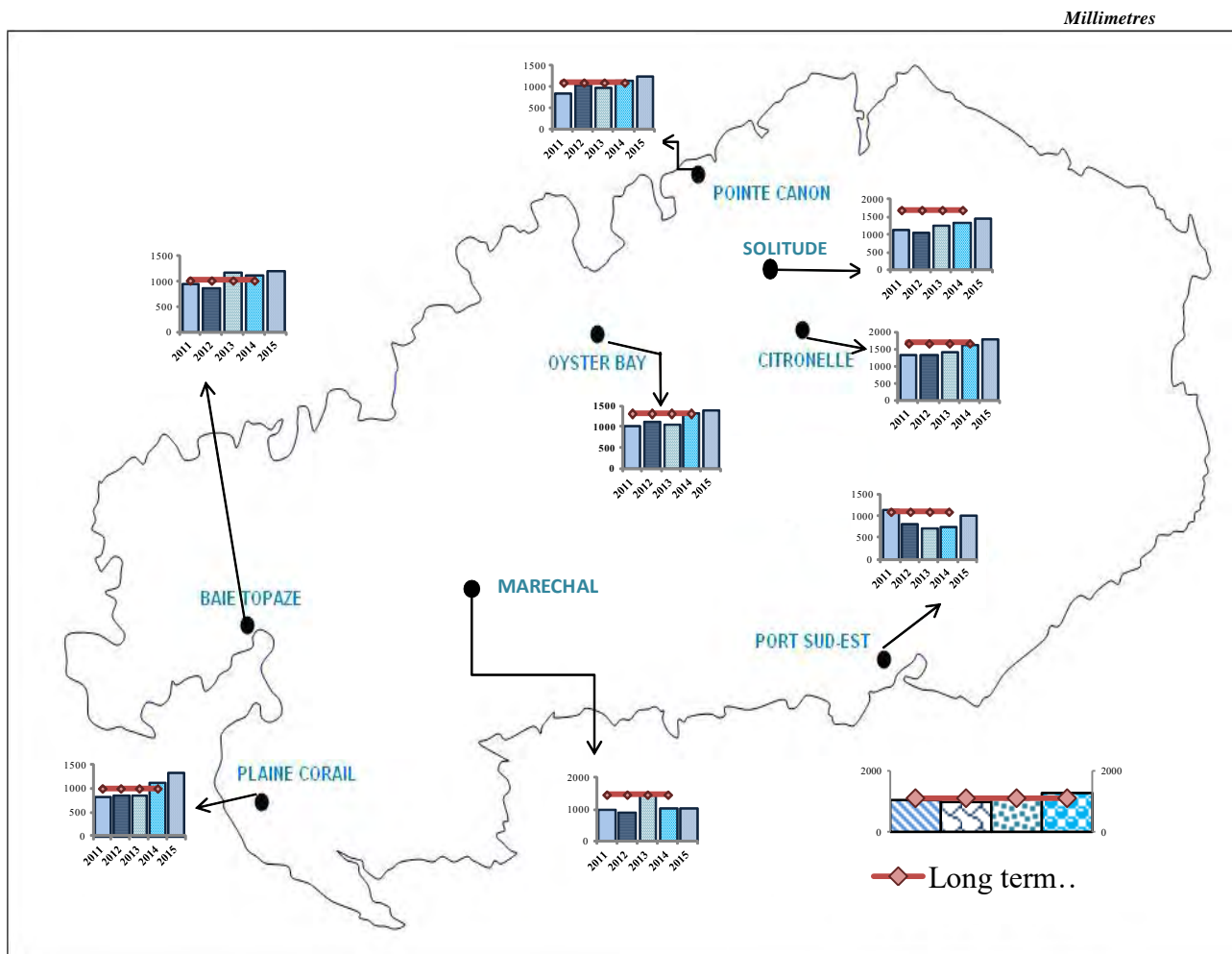


Table 5.7- Percentage of water level by month and reservoir, 2011 - 2015 (Island of Mauritius)

Period	Average for 1990-1999 (%)	2011			2012			2013			2014			2015		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
Mare aux Vacoas (Capacity 25.89 Mm³)																
Jan	60	37	34	41	25	24	27	61	52	64	65	56	67	75	63	99
Feb	65	41	37	44	27	23	30	73	63	85	72	67	74	100	99	100
Mar	80	46	42	49	38	33	49	92	85	99	77	72	84	98	96	100
Apr	83	46	42	49	62	51	76	100	99	100	86	81	90	95	92	97
May	83	39	36	42	86	77	90	95	91	99	90	87	92	88	84	91
Jun	81	34	33	35	89	87	90	87	84	90	84	80	87	89	86	93
Jul	79	32	31	33	86	85	88	79	76	84	80	78	82	92	90	98
Aug	80	35	31	36	83	81	85	75	72	76	82	81	83	98	96	100
Sep	78	35	33	36	78	76	81	68	64	72	77	74	81	94	89	98
Oct	72	32	30	33	72	68	75	60	55	64	68	63	73	88	85	91
Nov	63	28	26	30	64	60	68	57	55	62	58	54	63	83	80	85
Dec	58	27	26	27	55	52	59	59	56	62	56	53	63	75	70	80
La Nicoliere (Capacity 5.26 Mm³)																
Jan	63	56	48	78	75	56	87	51	44	56	84	57	100	99	95	100
Feb	75	95	81	100	64	44	78	80	53	100	91	81	100	96	85	100
Mar	91	98	91	100	97	81	100	100	100	100	88	78	100	100	100	100
Apr	92	99	90	100	100	100	100	100	100	100	94	82	100	98	88	100
May	95	70	49	87	100	100	100	92	72	100	98	84	100	95	87	100
Jun	94	53	39	72	100	98	100	50	41	70	68	58	84	100	93	100
Jul	93	76	73	81	97	89	100	58	56	59	61	58	72	100	97	100
Aug	94	92	73	100	94	80	100	65	58	72	82	73	87	100	99	100
Sep	89	89	66	100	55	42	78	75	71	77	74	60	83	77	62	100
Oct	69	59	49	63	61	55	64	57	39	71	50	43	60	67	62	73
Nov	46	65	62	67	57	39	63	45	39	54	39	30	48	65	63	67
Dec	39	73	66	84	41	39	44	62	57	66	62	39	97	61	60	63
Piton du Milieu (Capacity 2.99 Mm³)																
Jan	64	34	30	43	70	66	73	48	27	61	93	61	100	100	97	100
Feb	72	69	44	98	81	64	100	84	61	100	99	98	100	99	99	100
Mar	88	99	99	100	99	97	100	99	98	100	99	99	100	99	98	100
Apr	89	95	88	99	100	99	100	100	98	100	99	97	100	98	95	100
May	91	82	76	88	99	98	100	95	89	99	98	95	100	91	89	95
Jun	86	74	72	76	97	94	99	84	82	89	88	81	94	95	91	100
Jul	83	72	71	74	95	93	97	79	75	83	77	74	83	99	98	100
Aug	83	85	73	92	88	82	93	71	69	74	87	83	88	98	96	100
Sep	81	90	87	92	75	68	82	68	64	70	83	76	88	89	81	96
Oct	73	83	77	86	60	51	68	58	51	64	67	59	76	80	76	84
Nov	60	70	63	77	43	37	51	53	50	60	50	43	58	72	66	75
Dec	57	65	57	70	31	26	37	61	56	64	55	39	96	57	50	65

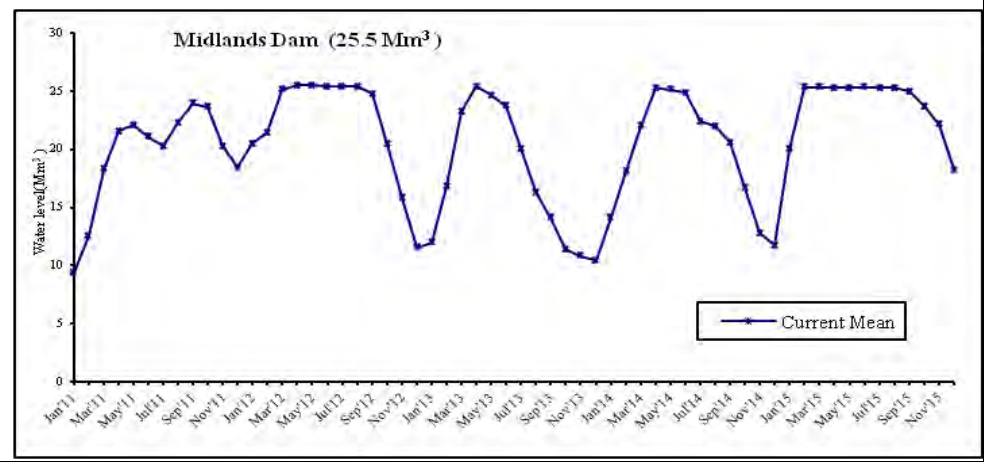
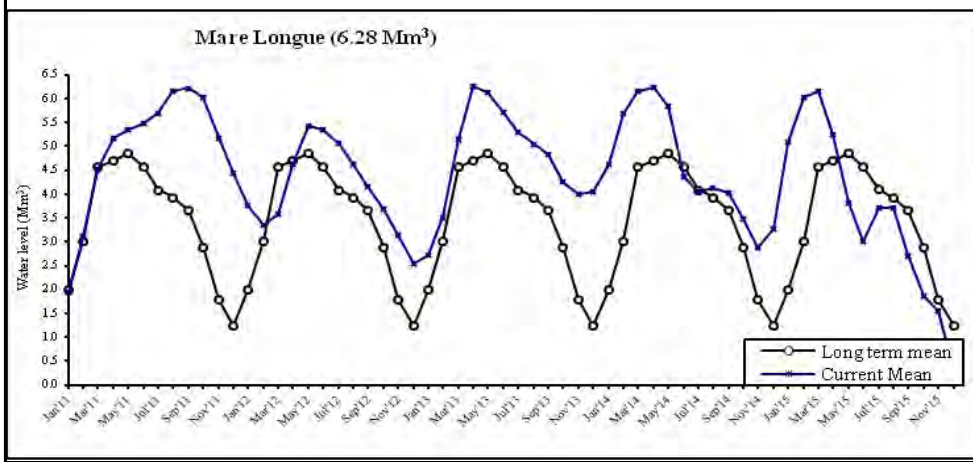
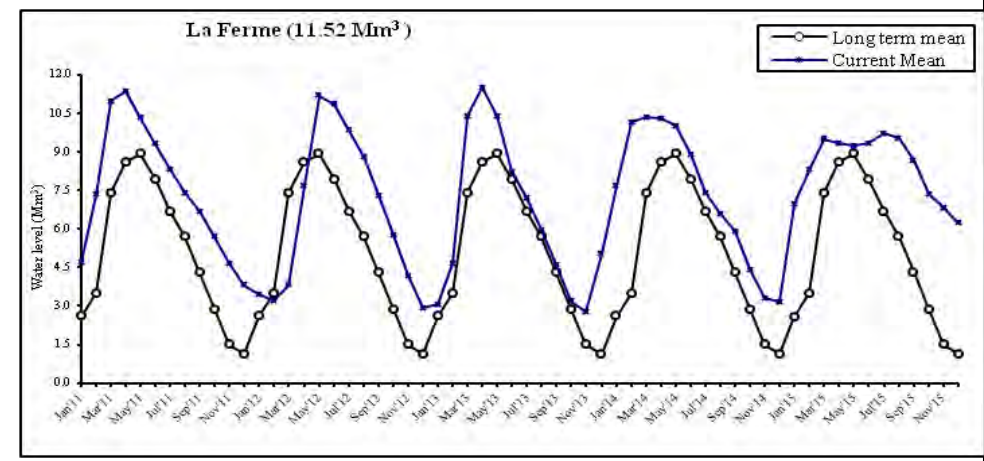
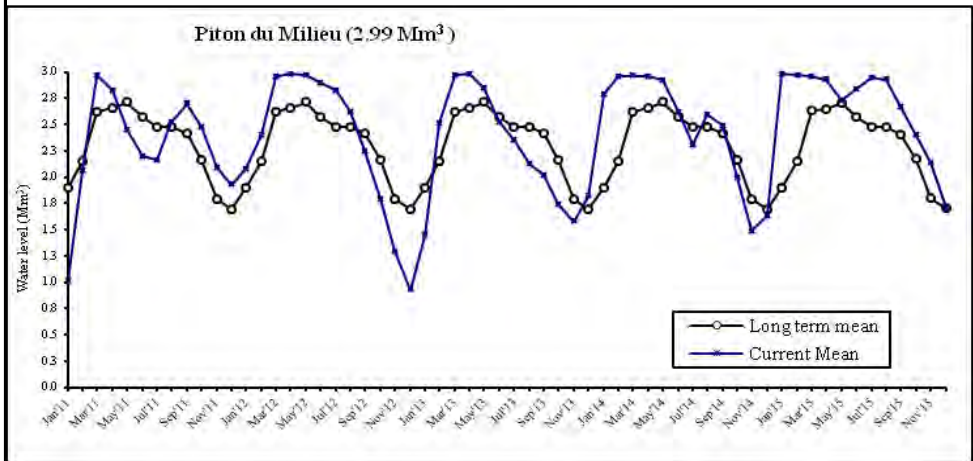
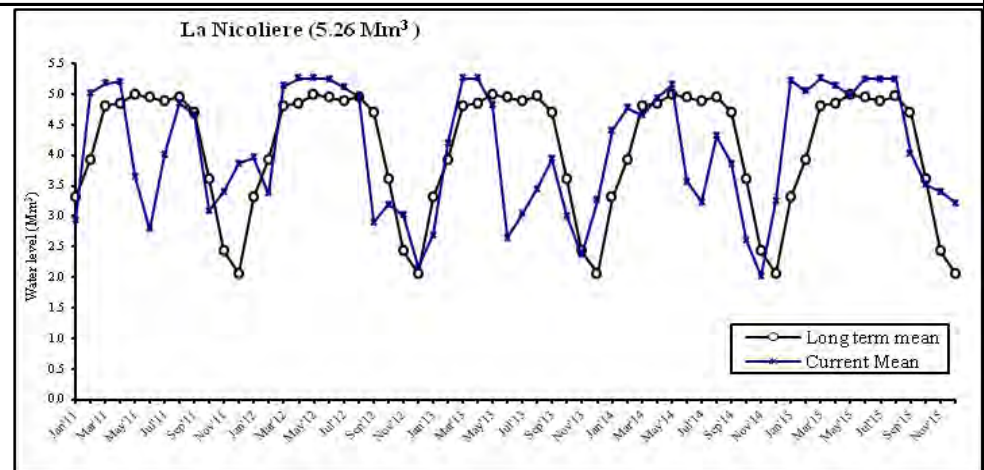
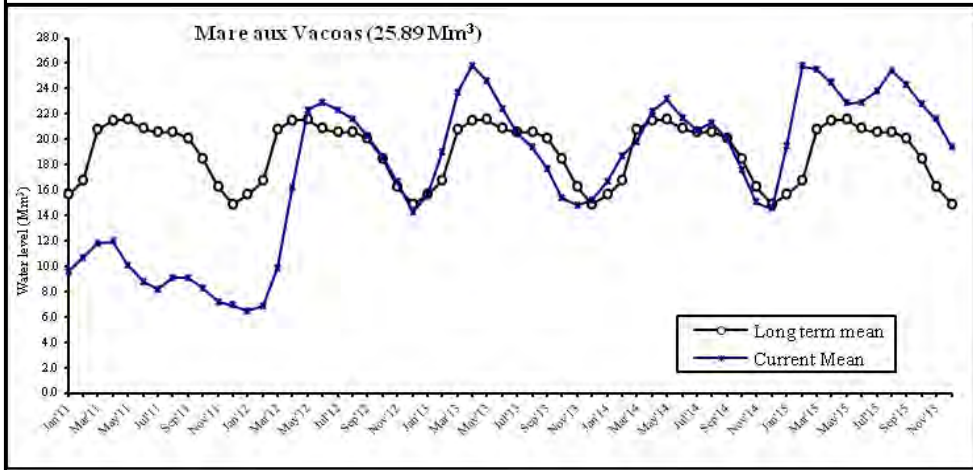
Source : Water Resources Unit, Ministry of Public Utilities

Table 5.7 - Percentage of water level by month and reservoir, 2011 - 2015 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2011			2012			2013			2014			2015		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
La Ferme (Capacity 11.52 Mm³)																
Jan	23	41	38	47	30	27	32	26	21	28	67	43	82	61	46	70
Feb	30	64	49	82	28	26	29	40	27	68	88	82	91	72	70	76
Mar	64	95	83	100	33	30	42	90	69	100	90	88	91	83	73	87
Apr	75	98	93	100	67	44	86	100	99	100	89	86	91	81	80	83
May	77	90	83	94	97	87	100	90	79	99	87	82	90	80	78	81
Jun	69	81	79	83	94	91	99	71	68	78	77	71	81	81	79	84
Jul	58	72	66	79	85	81	91	63	56	68	64	60	70	84	83	86
Aug	49	64	61	66	76	70	81	52	47	56	57	55	60	83	80	86
Sep	37	58	54	61	63	57	70	40	33	46	51	45	55	75	68	80
Oct	25	49	45	54	50	42	57	28	22	33	38	33	45	64	59	68
Nov	13	40	36	45	36	31	42	24	21	35	29	24	33	59	56	62
Dec	10	33	31	36	25	21	30	44	37	46	28	22	45	54	53	55
Mare Longue (Capacity 6.28 Mm³)																
Jan	32	31	29	38	60	54	66	43	36	47	74	62	78	81	68	100
Feb	48	50	38	62	53	50	55	56	46	69	91	79	96	96	89	99
Mar	73	72	62	80	57	54	63	82	70	95	98	95	100	98	93	100
Apr	75	82	81	83	73	65	82	100	99	100	99	98	100	84	73	92
May	77	85	83	86	86	83	89	98	94	99	93	75	100	61	50	72
Jun	73	87	85	90	85	84	88	91	89	94	70	65	75	48	43	53
Jul	65	91	89	92	81	77	83	84	81	89	65	64	65	59	53	66
Aug	63	98	93	100	74	70	77	80	79	81	66	65	66	59	52	65
Sep	58	99	98	99	66	63	70	77	72	80	64	62	66	43	34	63
Oct	46	96	90	98	59	54	63	68	63	72	55	50	62	30	25	34
Nov	28	82	75	89	50	46	54	64	62	66	46	43	50	25	21	27
Dec	20	71	66	76	40	36	45	64	62	67	52	45	67	5	0	21
All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³)																
Jan	49	39	36	44	38	34	41	49	41	53	70	54	77	77	66	92
Feb	56	54	45	63	37	32	42	65	52	82	80	54	83	93	90	94
Mar	77	68	62	72	49	44	57	91	82	99	85	82	89	95	93	96
Apr	82	70	66	72	71	59	83	100	99	100	90	86	92	91	87	93
May	83	61	56	65	91	84	94	94	87	99	91	85	94	84	80	86
Jun	79	55	52	56	91	90	93	80	78	86	79	74	85	83	81	87
Jul	75	55	53	56	87	85	90	74	71	78	73	71	74	89	86	91
Aug	73	58	53	60	82	77	85	69	67	71	75	74	76	90	89	92
Sep	68	56	52	59	71	67	77	64	59	67	70	65	74	82	74	89
Oct	58	49	47	52	64	59	67	53	47	59	58	53	64	73	69	77
Nov	46	43	40	46	54	48	59	49	47	55	48	44	53	68	65	70
Dec	41	40	39	41	44	41	48	57	54	58	50	43	65	59	56	65
Midlands Dam (Capacity 25.5 Mm³)																
Jan	Impounding of reservoir started on 13 September 2002	37	33	41	80	79	82	47	37	52	56	39	64	78	61	100
Feb		49	39	59	84	80	90	66	53	81	71	66	76	99	99	100
Mar		72	59	82	99	92	100	91	81	100	86	77	100	99	99	100
Apr		84	82	86	100	100	100	100	97	100	99	99	100	99	99	100
May		87	86	88	100	100	100	97	96	98	99	98	100	99	99	100
Jun		83	81	86	100	99	100	93	88	97	98	93	99	99	98	100
Jul		79	79	81	100	99	100	79	71	87	88	85	92	99	99	100
Aug		87	80	92	100	100	100	64	59	70	86	85	87	99	99	100
Sep		94	92	95	97	91	100	55	50	59	81	75	85	98	93	99
Oct		93	88	96	80	71	90	45	40	50	65	56	75	93	90	95
Nov		80	72	87	62	56	70	42	41	44	50	45	56	87	81	90
Dec		72	66	78	45	37	55	41	38	44	46	40	60	72	63	80

Source : Water Resources Unit, Ministry of Public Utilities

Fig. 5.5 - Water level in each reservoir, 2011 - 2015 (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, 2011 - 2015 (Island of Mauritius)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production					
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	
	Mm³																							
2011	28.0	6.1	32.7	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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, 2011 - 2015 (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																							
2013	43.2	6.6	49.8	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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%	
2014	41.8	7.0	48.8	0.0	32.0	32.0	19.2	15.6	34.8	26.7	22.0	48.7	10.4	21.7	32.1	12.1	20.2	32.3	110.2	118.5	228.7	48%	52%	
Jan	3.7	0.5	4.2	0.0	2.8	2.8	1.7	1.5	3.2	2.2	1.8	3.8	0.9	1.4	2.3	0.9	1.7	2.6	9.3	9.6	18.9	49%	51%	
Feb	3.1	0.5	3.6	0.0	2.6	2.6	1.6	1.4	3.0	2.0	1.7	3.6	0.8	1.6	2.4	0.9	1.6	2.5	8.4	9.3	17.7	47%	53%	
Mar	3.5	0.6	4.1	0.0	2.9	2.9	1.8	1.5	3.3	2.2	1.9	4.0	0.9	1.8	2.7	1.0	1.7	2.7	9.4	10.3	19.7	48%	52%	
Apr	3.4	0.6	4.0	0.0	3.0	3.0	1.7	1.4	3.1	2.1	1.9	4.0	0.9	1.9	2.8	1.0	1.7	2.7	9.1	10.5	19.6	46%	54%	
May	3.5	0.6	4.1	0.0	2.8	2.8	1.8	1.3	3.1	2.2	2.0	4.2	0.9	2.0	2.9	1.0	1.7	2.7	9.4	10.4	19.8	47%	53%	
Jun	3.3	0.7	4.0	0.0	2.7	2.7	1.7	1.2	2.9	2.1	2.0	4.1	0.9	1.9	2.8	1.0	1.6	2.6	9.0	10.1	19.1	47%	53%	
Jul	3.6	0.6	4.2	0.0	2.7	2.7	1.8	1.3	3.1	2.5	2.0	4.5	0.9	1.9	2.8	1.1	1.7	2.8	9.9	10.2	20.1	49%	51%	
Aug	3.5	0.6	4.1	0.0	2.6	2.6	1.6	1.2	2.8	2.3	1.8	4.1	0.9	2.0	2.9	1.0	1.7	2.8	9.3	10.0	19.3	48%	52%	
Sep	3.4	0.6	4.0	0.0	2.7	2.7	1.4	1.1	2.5	2.4	1.8	4.2	0.9	1.8	2.8	1.1	1.7	2.8	9.2	9.8	19.0	48%	52%	
Oct	3.7	0.6	4.3	0.0	2.8	2.8	1.4	1.3	2.7	2.3	1.8	4.1	0.8	1.7	2.5	1.1	1.7	2.8	9.3	9.9	19.2	48%	52%	
Nov	3.5	0.5	4.0	0.0	2.2	2.2	1.5	1.2	2.7	2.1	1.8	3.9	0.8	1.6	2.4	1.0	1.6	2.6	8.9	8.9	17.8	50%	50%	
Dec	3.6	0.6	4.2	0.0	2.2	2.2	1.2	1.2	2.4	2.4	1.8	4.2	0.8	2.0	2.8	1.0	1.7	2.7	9.0	9.5	18.5	49%	51%	

Source: Central Water Authority

Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2011 - 2015 (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																						
2015	43.9	7.7	51.6	0.0	33.5	33.5	17.4	17.7	35.1	26.0	24.5	50.5	10.8	25.4	36.2	14.3	23.4	37.7	112.4	132.2	244.6	46%	54%
Jan	3.5	0.7	4.2	0.0	2.7	2.7	1.0	1.5	2.5	2.3	1.8	4.1	0.9	2.2	3.1	1.1	1.9	3.0	8.8	10.8	19.6	45%	55%
Feb	3.4	0.6	4.0	0.0	2.5	2.5	0.6	1.5	2.1	2.1	1.7	3.8	0.8	2.0	2.8	1.0	1.7	2.7	7.9	10.0	17.9	44%	56%
Mar	3.8	0.7	4.5	0.0	2.9	2.9	0.8	2.0	2.8	2.3	2.0	4.3	0.9	2.3	3.2	1.2	1.9	3.1	9.0	11.8	20.8	43%	57%
Apr	3.4	0.7	4.1	0.0	2.9	2.9	1.0	1.7	2.7	2.2	2.0	4.2	0.9	2.1	3.0	1.3	1.9	3.2	8.8	11.3	20.0	44%	56%
May	3.7	0.6	4.3	0.0	2.8	2.8	1.1	1.4	2.5	2.2	2.1	4.3	0.9	2.2	3.1	1.2	1.9	3.1	9.1	11.0	20.1	45%	55%
Jun	3.6	0.7	4.3	0.0	2.8	2.8	1.6	1.4	3.0	2.0	2.1	4.1	0.9	2.1	3.0	1.1	1.9	3.0	9.2	11.0	20.1	46%	54%
Jul	3.8	0.7	4.5	0.0	3.1	3.1	1.9	1.5	3.4	2.1	2.1	4.2	0.9	2.2	3.1	1.2	2.0	3.2	9.9	11.6	21.5	46%	54%
Aug	3.7	0.7	4.4	0.0	3.1	3.1	1.9	1.5	3.4	2.2	2.2	4.4	0.9	2.1	3.0	1.3	2.0	3.3	10.0	11.6	21.6	46%	54%
Sep	3.6	0.6	4.2	0.0	2.7	2.7	1.8	1.4	3.2	2.1	2.1	4.2	0.9	2.0	2.9	1.2	1.9	3.1	9.6	10.7	20.3	47%	53%
Oct	3.8	0.6	4.4	0.0	2.7	2.7	1.9	1.2	3.1	2.2	2.2	4.4	1.0	2.1	3.1	1.3	2.1	3.4	10.2	10.9	21.1	48%	52%
Nov	3.8	0.6	4.4	0.0	2.7	2.7	1.9	1.3	3.2	2.1	2.1	4.2	0.9	2.1	3.0	1.2	2.1	3.3	9.9	10.9	20.8	48%	52%
Dec	3.8	0.6	4.4	0.0	2.6	2.6	2.0	1.3	3.3	2.2	2.1	4.3	1.0	2.0	3.0	1.2	2.1	3.3	10.2	10.7	20.9	49%	51%

Source: Central Water Authority

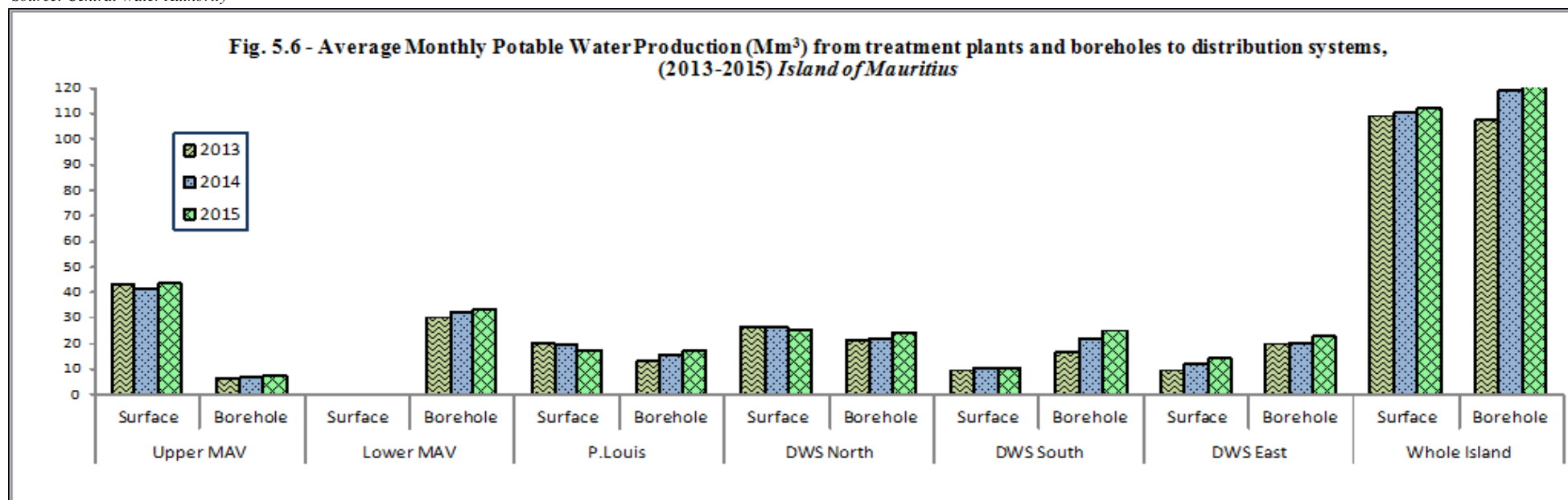


Table 5.9 - Water sales by tariff of subscriber, 2009 - 2011 (Island of Mauritius)

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

Table 5.10 - Water sales by tariff^{1/} of subscriber, 2012-2015 (Island of Mauritius)

Type of Tariff	2012			2013			2014			2015		
	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)	No. of consumers	Volume sold (thousand m ³)	Amount Collectible (Rs 000)
Domestic	310,992	72,920	689,711	317,786	73,355	696,281	323,254	74,184	703,967	328,720	75,056	707,141
Public Sector	2,497	3,776	89,744	2,511	3,796	91,109	2,539	3,812	91,480	2,533	3,959	94,835
Acquired / concessionary	38	17	228	38	13	133	34	12	122	31	11	140
Business	1,109	6,516	223,271	1,118	6,981	240,978	1,145	7,226	249,316	1,147	7,328	252,618
Commercial	13,434	5,998	156,871	13,646	6,046	160,622	13,832	6,077	161,438	13,873	6,147	163,046
Religious	1,910	582	11,292	1,981	585	11,494	2,036	605	11,926	2,080	625	12,257
Industrial	625	3,866	69,759	598	3,784	68,711	597	3,604	65,472	573	3,728	67,688
Sub total	330,605	93,676	1,240,877	337,678	94,559	1,269,326	343,437	95,520	1,283,721	348,957	96,854	1,297,726
Agriculture	3,833	1,367	19,656	3,942	1,298	19,034	3,960	1,358	19,627	3,977	1,308	19,250
Total potable water	334,438	95,043	1,260,532	341,620	95,857	1,288,361	347,397	96,877	1,303,349	352,934	98,162	1,316,976
Total non-treated water (Agriculture/Industrial)	323	16,122	62,061	332	15,421	60,295	350	14,903	61,656	369	24,476	128,812
Grand Total	334,761	111,165	1,322,593	341,952	111,278	1,348,656	347,747	111,780	1,365,005	353,303	122,637	1,445,789

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, 2015

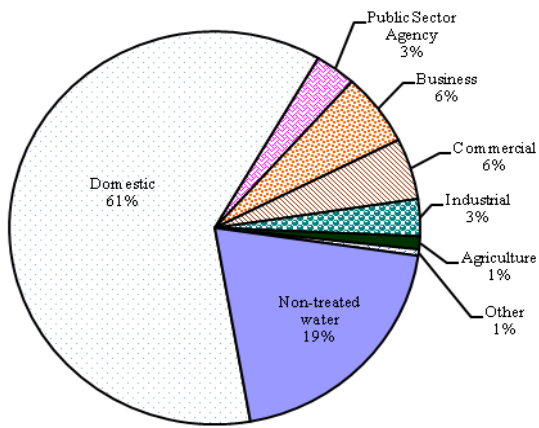


Fig. 5.8 - Percentage of amount collectible by tariff of subscriber, 2015

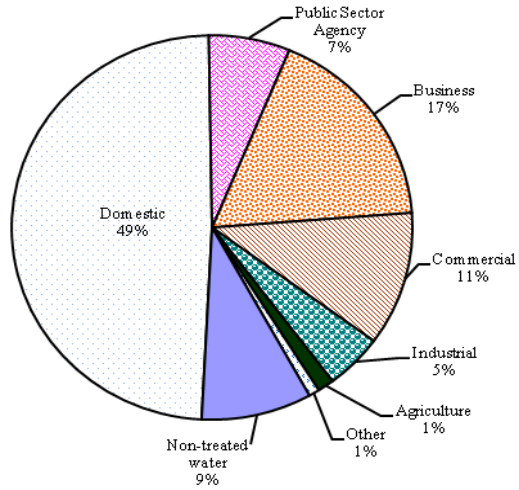


Fig 5.9 - Average water consumption by tariff of subscriber (m³), 2004-2011 Island of Mauritius

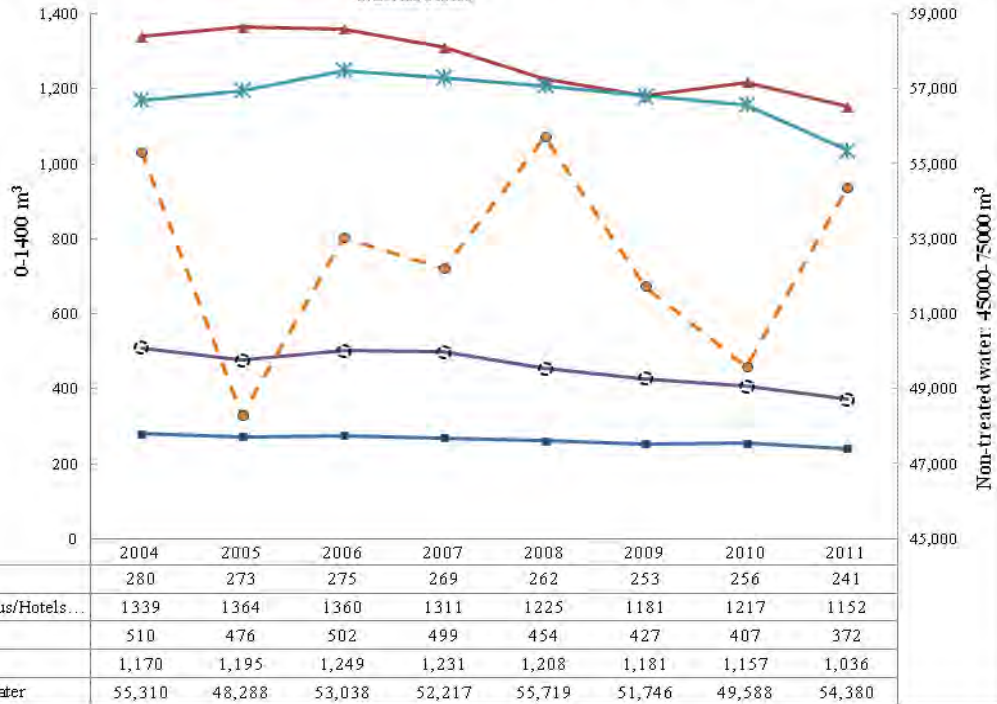
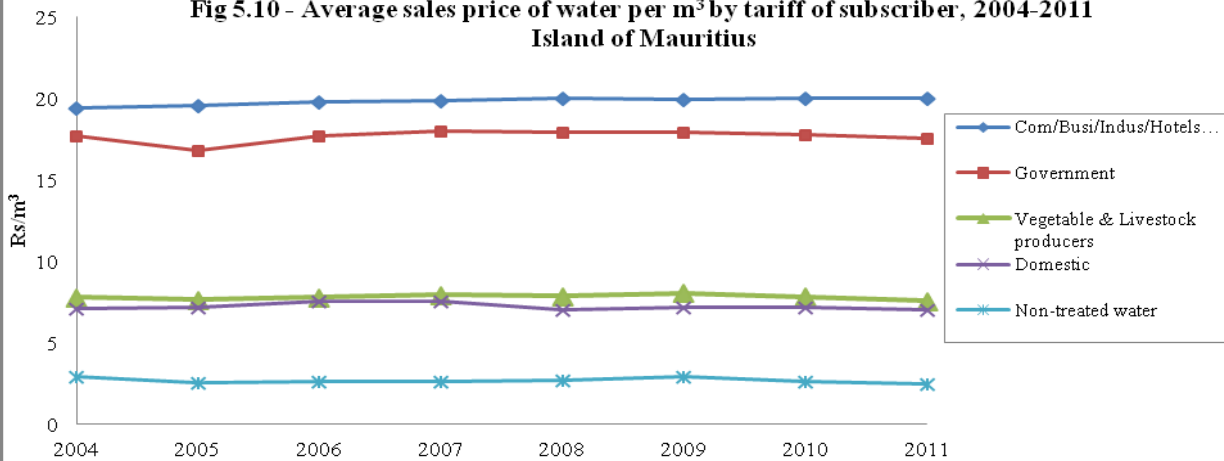


Fig 5.10 - Average sales price of water per m³ by tariff of subscriber, 2004-2011 Island of Mauritius



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	
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 Remp	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
Island of Mauritius	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

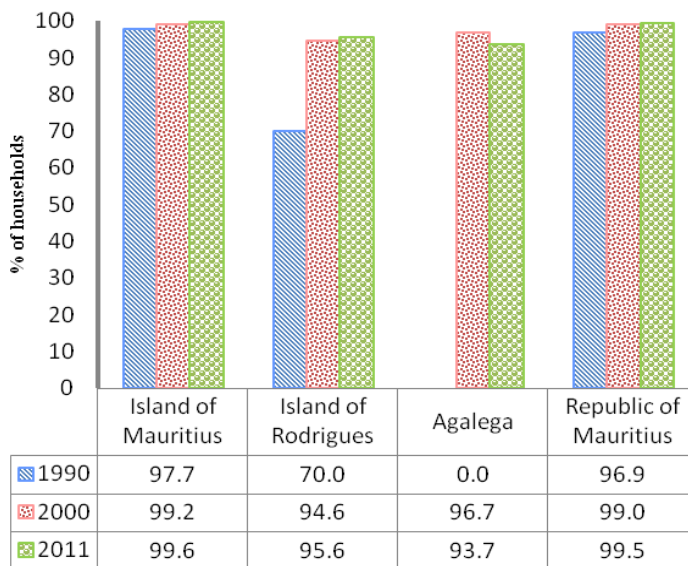


Fig. 6.2 - Percentage of households having Residual Current Device (RCD) Housing Census 2011

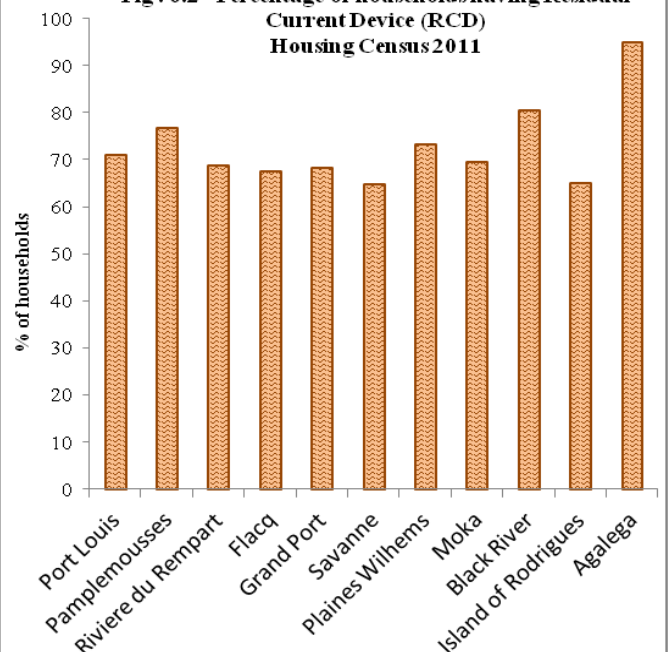


Table 6.2 - Private households by geographical location and principal fuel used for cooking, Housing Censuses 2000 & 2011

Geographical location	Principal fuel used for cooking							Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	Not Stated	
Housing Census 2000								
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
Island of Mauritius	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								
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
Island of Mauritius	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

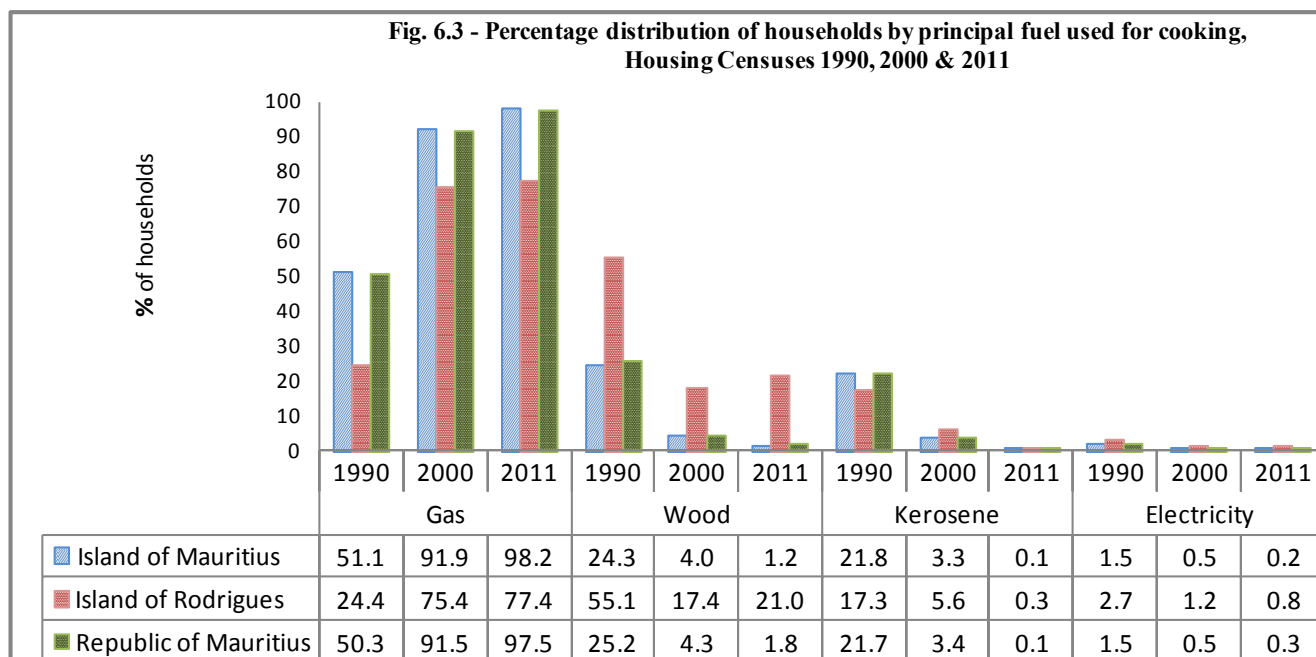


Table 6.3 - Private households by geographical location and principal fuel used for heating water for bathing¹,

Geographical location	Principal fuel used for heating water for bathing						Total
	Electricity	Gas	Solar	Other	None ²	Not Stated	
Housing Census 2000							
Port Louis	8,690	7,921	826	520	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
Island of Mauritius	74,394	116,308	11,454	23,234	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	23,388	71,322	5	297,881
	(25.1 %)	(39.2 %)	(3.9 %)	(7.9 %)	(23.9 %)	(0.0 %)	(100.0 %)
Housing Census 2011							
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
Island of Mauritius	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

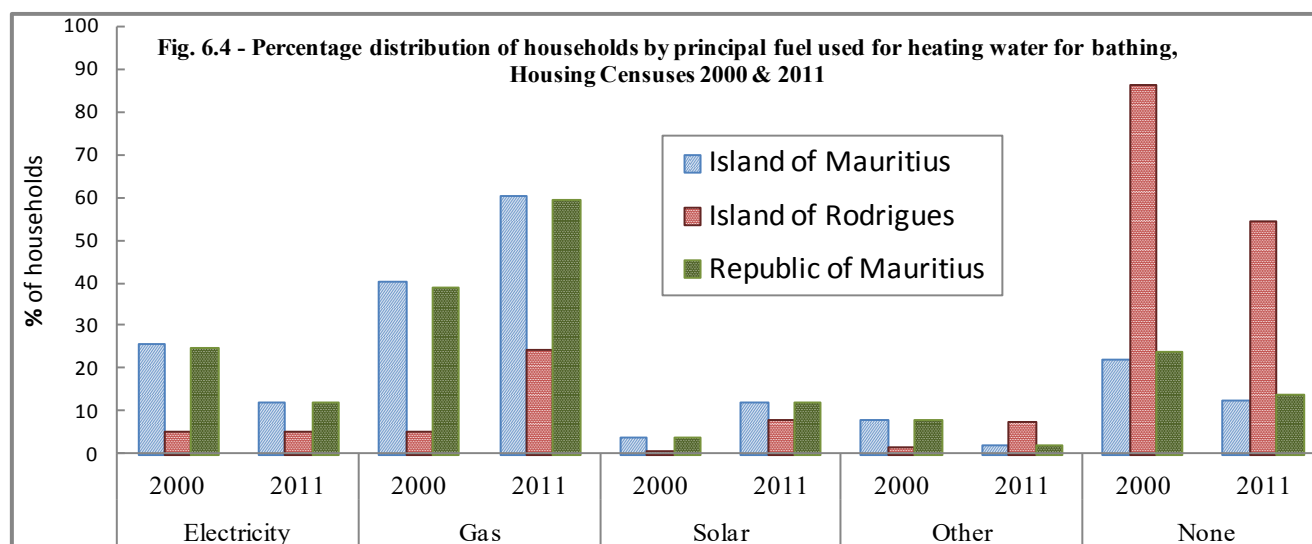


Table 6.4 - Private households by geographical location and type of water supply - Housing Censuses 2000 & 2011

Geographical location	Type of water supply							Total
	Piped water			Tank wagon	Well/river	Other	Not stated	
	Inside housing	Outside on premises	Outside public					
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
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	5	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%)

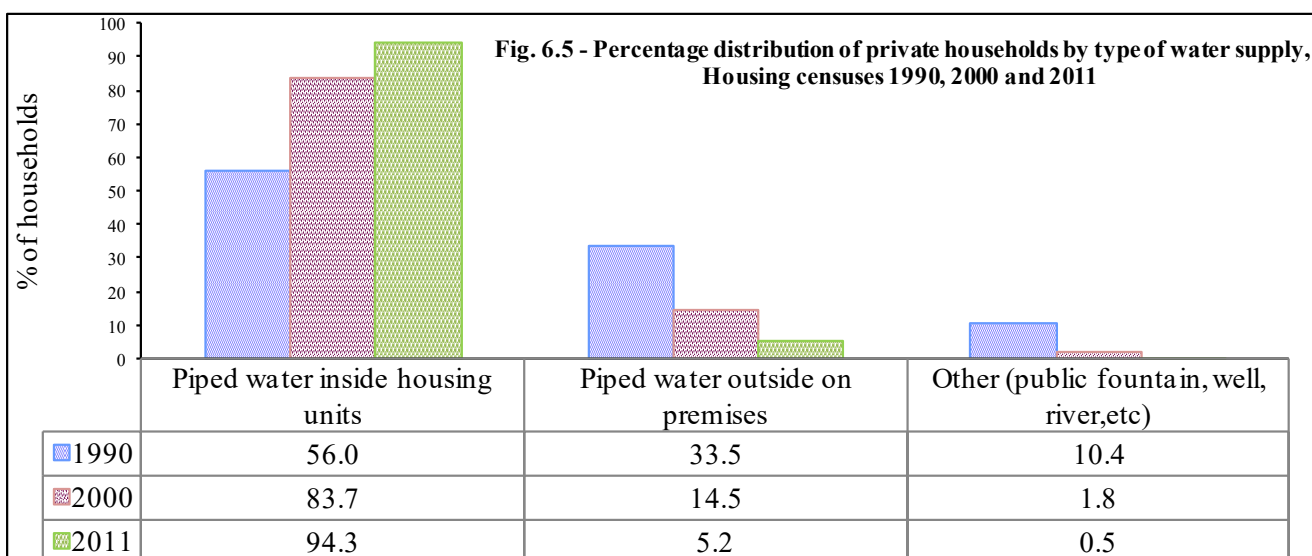


Table 6.5 - Private households by geographical location and availability of water tank - Housing Censuses 2000 & 2011

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%)

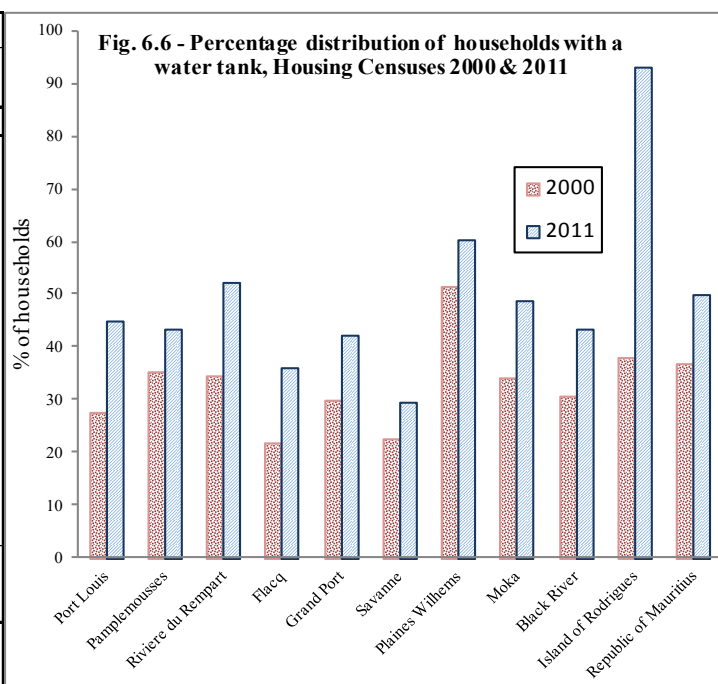
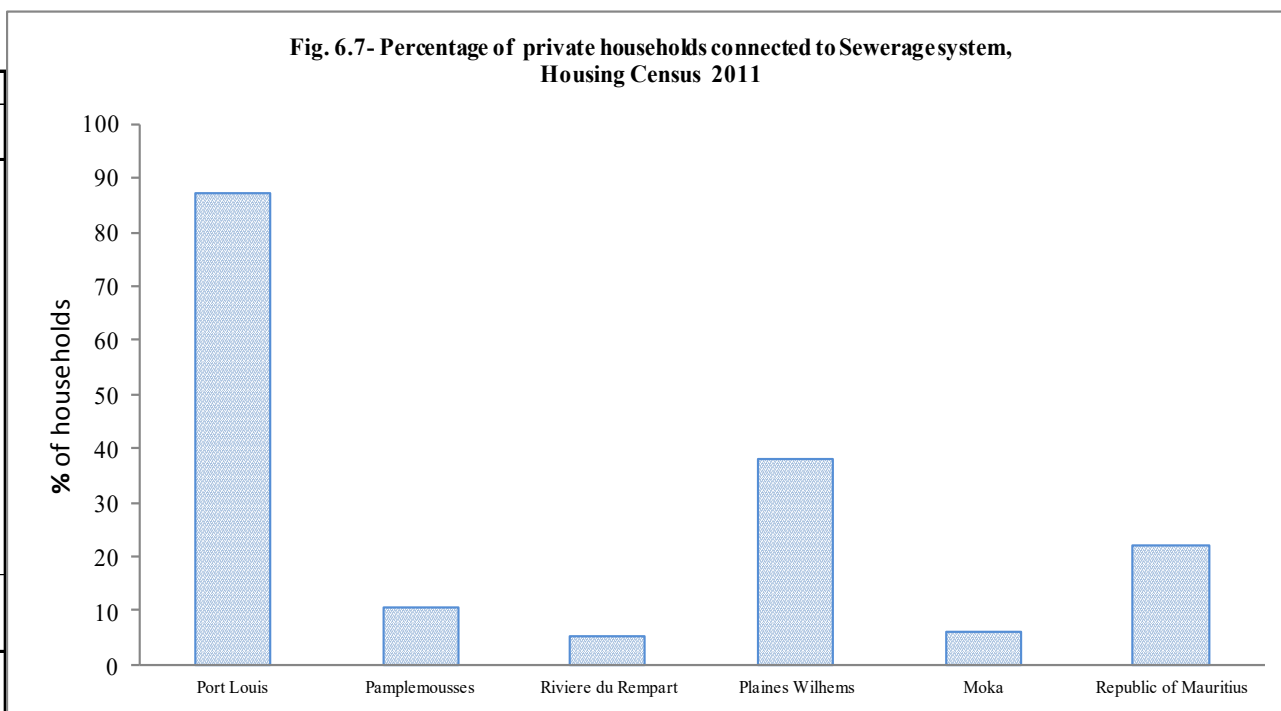


Table 6.6 - Private households by geographical location and connection to sewerage system - Housing Census 2011

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
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%)



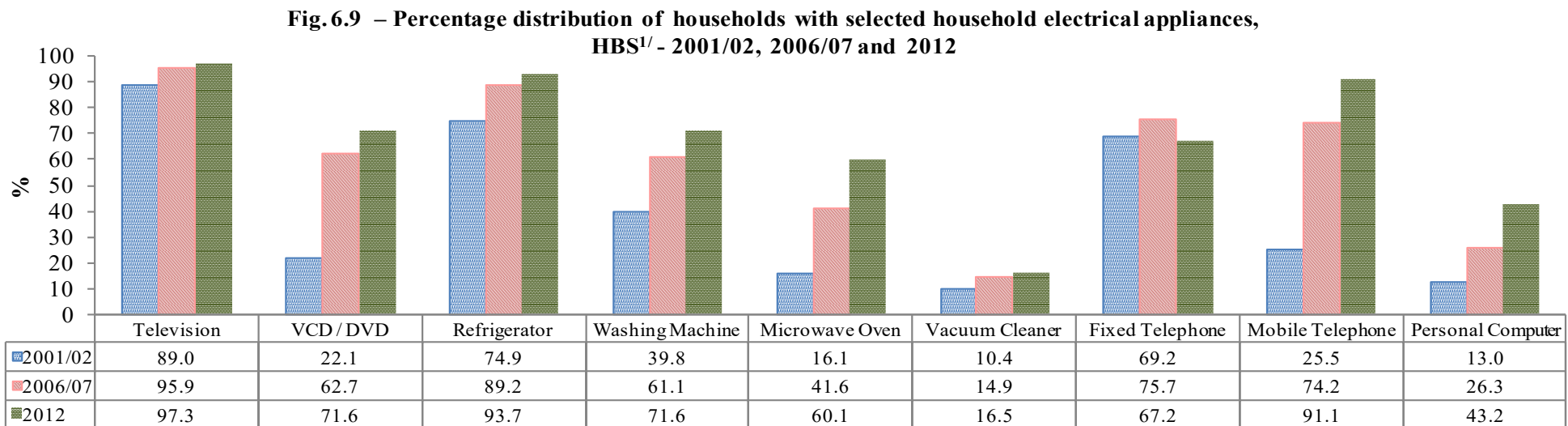
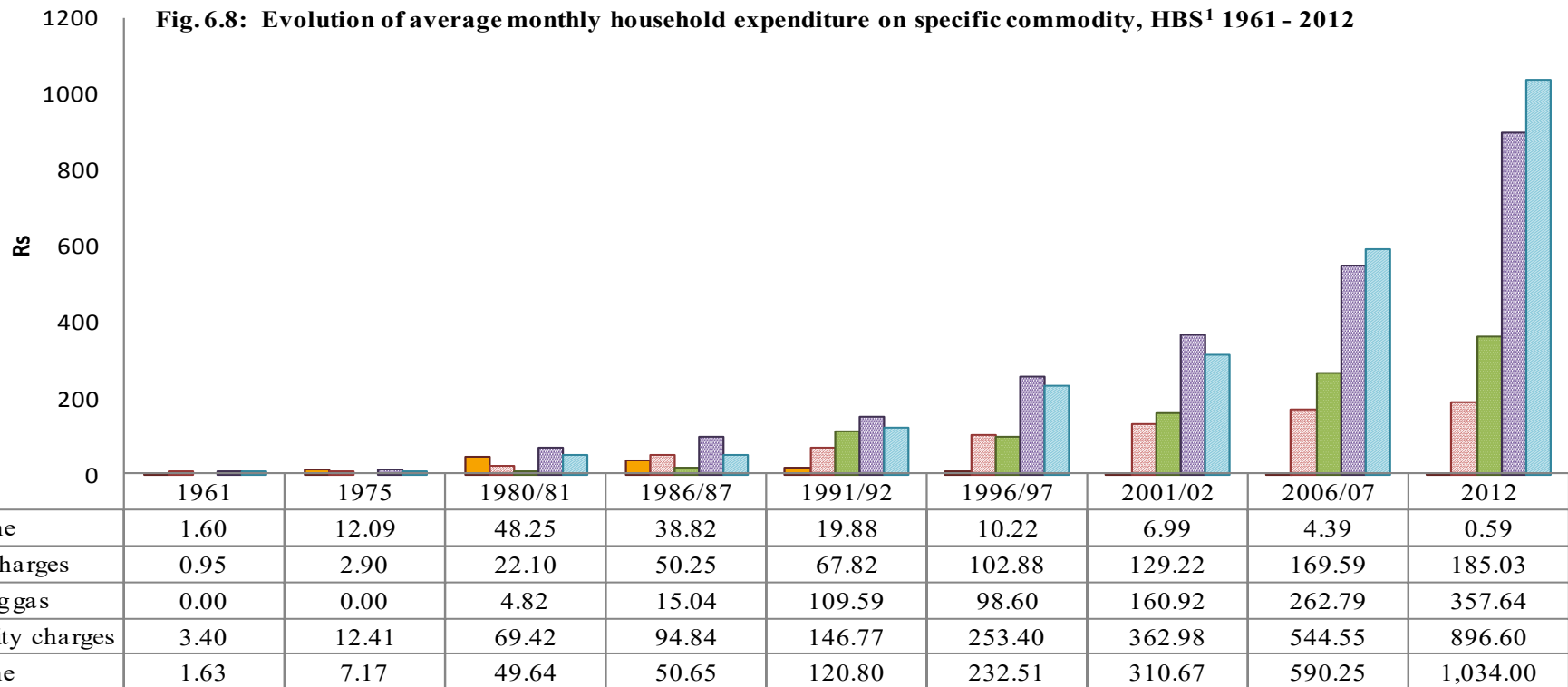
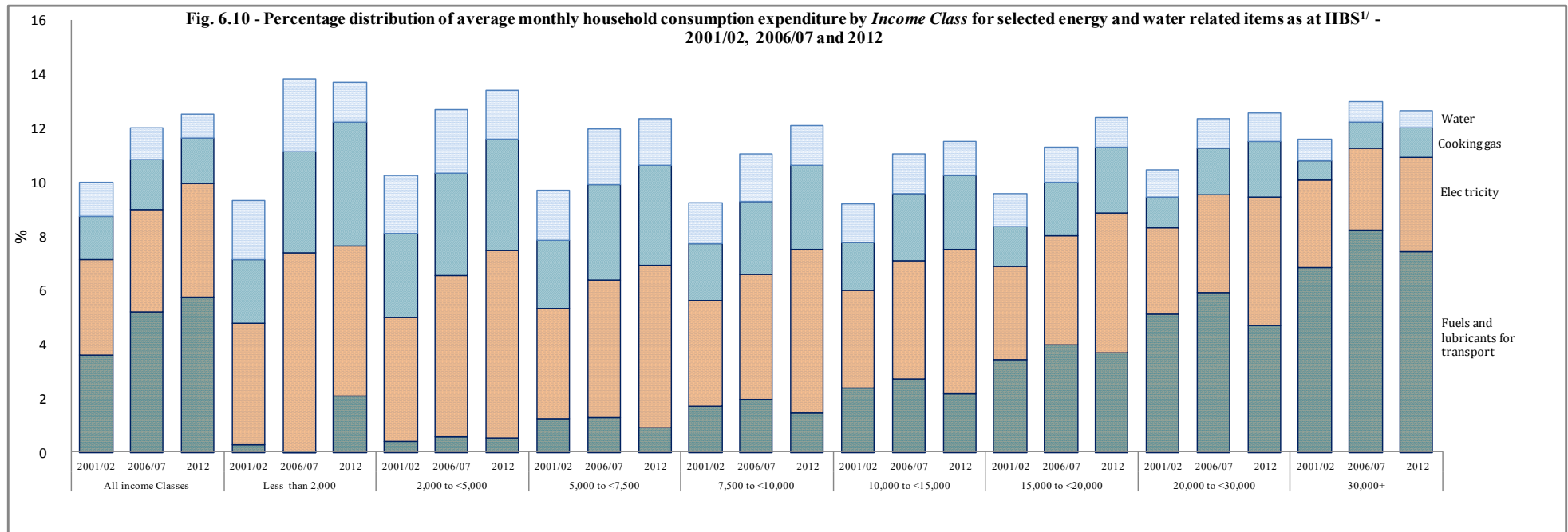


Table 6.7 - Distribution of average monthly household consumption expenditure by *Income Class* for selected energy and water related items as at HBS^{1/} 2006/2007 and 2012

Classification of individual consumption according to purpose (COICOP)	Income Class																	
	All income Classes		Less than 2,000		2,000 to <5,000		5,000 to <7,500		7,500 to <10,000		10,000 to <15,000		15,000 to <20,000		20,000 to <30,000		30,000+	
	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012
	<i>Rupees</i>																	
Water supply	169.59	185.03	107.23	65.05	101.29	94.04	126.38	118.64	149.61	132.52	159.13	151.86	174.00	166.30	197.71	199.01	219.96	228.38
Sewage collection	28.55	39.23	0.00	10.41	15.34	18.77	16.55	23.61	22.05	26.22	29.39	35.13	28.28	37.87	32.90	38.96	40.75	48.90
Electricity	544.55	896.61	293.69	243.05	258.19	360.07	315.06	422.11	386.74	542.55	461.23	638.01	552.20	769.88	655.79	884.31	931.41	1,275.24
Cooking gas (LPG)	262.79	357.64	149.11	201.60	163.14	213.93	219.07	260.73	225.94	276.23	260.57	325.63	274.47	358.51	307.71	378.11	299.28	402.33
Liquid fuels	5.11	0.64	37.83	2.09	8.66	2.29	7.04	0.74	5.75	1.10	6.54	0.22	3.92	1.05	3.62	0.40	2.25	0.54
Solid fuels	1.76	1.39	0.00	0.00	1.78	0.00	1.83	0.20	0.95	0.48	0.68	0.35	2.77	0.15	1.46	3.53	3.40	1.41
Fuels and lubricants for personal transport equipment	743.80	1,218.34	1.36	91.62	25.17	27.10	78.86	63.02	161.51	130.23	288.66	257.05	544.02	545.16	1,075.17	873.60	2,529.55	2,705.60
All items	14,300.26	21,240.56	3,987.70	4,382.31	4,317.14	5,181.24	6,181.31	7,003.88	8,343.76	8,946.93	10,570.38	11,908.66	13,683.83	14,794.13	18,114.97	18,575.74	30,690.76	36,429.00
	<i>Percentage of total household consumption expenditure</i>																	
Water supply	1.19	0.87	2.69	1.48	2.35	1.82	2.04	1.69	1.79	1.48	1.51	1.28	1.27	1.12	1.09	1.07	0.72	0.63
Sewage collection	0.20	0.18	0.00	0.24	0.36	0.36	0.27	0.34	0.26	0.29	0.28	0.29	0.21	0.26	0.18	0.21	0.13	0.13
Electricity	3.81	4.22	7.36	5.55	5.98	6.95	5.10	6.03	4.64	6.06	4.36	5.36	4.04	5.20	3.62	4.76	3.03	3.50
Cooking gas (LPG)	1.84	1.68	3.74	4.60	3.78	4.13	3.54	3.72	2.71	3.09	2.47	2.73	2.01	2.42	1.70	2.04	0.98	1.10
Liquid fuels	0.04	0.00	0.95	0.05	0.20	0.04	0.11	0.01	0.07	0.01	0.06	0.00	0.03	0.01	0.02	0.00	0.01	0.00
Solid fuels	0.01	0.01	0.00	0.00	0.04	0.00	0.03	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.01	0.02	0.01	0.00
Fuels and lubricants for personal transport equipment	5.20	5.74	0.03	2.09	0.58	0.52	1.28	0.90	1.94	1.46	2.73	2.16	3.98	3.68	5.94	4.70	8.24	7.43



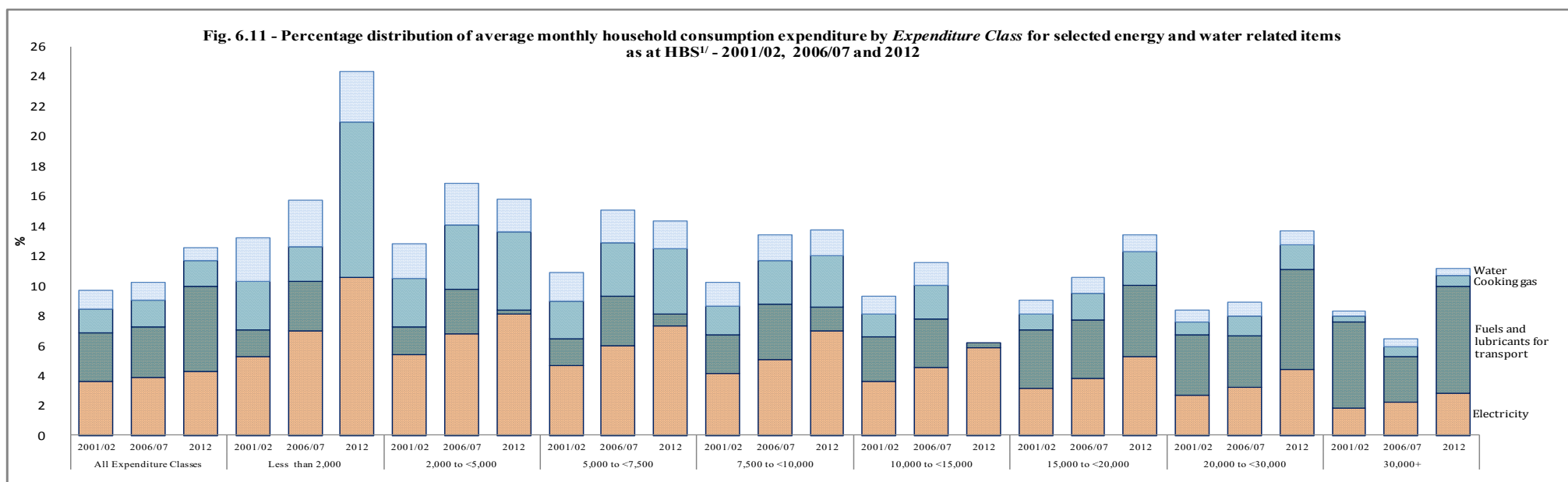
1/ Household Budget Survey

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

Classification of individual consumption according to purpose (COICOP)	Expenditure Class																	
	All Expenditure Classes		Less than 2,000		2,000 to <5,000		5,000 to <7,500		7,500 to <10,000		10,000 to <15,000		15,000 to <20,000		20,000 to <30,000		30,000+	
	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012	2006/2007	2012
	<i>Rupees</i>																	
Water supply	169.59	185.03	46.46	53.07	104.50	83.93	136.39	116.16	153.31	145.91	179.98	166.73	184.28	200.27	215.71	213.32	239.71	249.26
Sewage collection	28.55	39.23	2.35	7.18	14.16	21.85	17.68	24.30	25.97	28.99	29.28	35.34	44.54	42.17	34.48	47.74	38.64	50.81
Electricity	544.55	896.61	102.40	167.49	253.30	313.63	372.12	464.45	441.58	610.23	553.49	727.38	645.30	909.47	756.49	1,062.22	1,037.83	1,486.45
Cooking gas (LPG)	262.79	357.64	33.69	164.49	161.15	203.62	225.19	276.76	251.19	307.81	274.02	348.35	302.54	383.42	323.18	404.54	315.63	405.43
Liquid fuels	5.11	0.64	7.51	1.15	5.41	0.76	6.72	0.38	6.13	1.37	5.90	0.30	4.41	0.48	2.27	0.92	1.34	0.54
Solid fuels	1.76	1.39	0.00	0.00	1.15	0.00	0.54	0.14	2.49	0.24	1.23	0.17	1.78	0.86	3.35	4.57	2.83	1.74
Fuels and lubricants for personal transport equipment	483.93	1,218.34	49.57	0.00	110.55	10.71	209.78	52.08	323.08	138.55	396.02	41.41	672.39	831.16	830.20	1,637.03	1,422.47	3,863.56
All purposes	14,300.00	21,240.56	1,476.86	1,585.58	3,736.48	3,884.79	6,273.61	6,367.34	8,722.10	8,792.51	12,212.13	12,537.20	17,155.89	17,369.80	24,015.43	24,378.62	47,041.71	53,838.03
	<i>Percentage of total household consumption expenditure</i>																	
Water supply	1.19	0.87	3.15	3.35	2.80	2.16	2.17	1.82	1.76	1.66	1.47	1.33	1.07	1.15	0.90	0.88	0.51	0.46
Sewage collection	0.20	0.18	0.16	0.45	0.38	0.56	0.28	0.38	0.30	0.33	0.24	0.28	0.26	0.24	0.14	0.20	0.08	0.09
Electricity	3.81	4.22	6.93	10.56	6.78	8.07	5.93	7.29	5.06	6.94	4.53	5.80	3.76	5.24	3.15	4.36	2.21	2.76
Cooking gas (LPG)	1.84	1.68	2.28	10.37	4.31	5.24	3.59	4.35	2.88	3.50	2.24	2.78	1.76	2.21	1.35	1.66	0.67	0.75
Liquid fuels	0.04	0.00	0.51	0.07	0.14	0.02	0.11	0.01	0.07	0.02	0.05	0.00	0.03	0.00	0.01	0.00	0.00	0.00
Solid fuels	0.01	0.01	0.00	0.00	0.03	0.00	0.01	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.01	0.02	0.01	0.00
Fuels and lubricants for personal transport equipment	3.38	5.74	3.36	0.00	2.96	0.28	3.34	0.82	3.70	1.58	3.24	0.33	3.92	4.79	3.46	6.72	3.02	7.18

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



1/ Household Budget Survey

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

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

Fig. 6.12 - Percentage of monthly household consumption expenditure for Transport and Housing divisions of COICOP^{1/} by quintile group of household income HBS 2001/2002, 2006/2007 and 2012

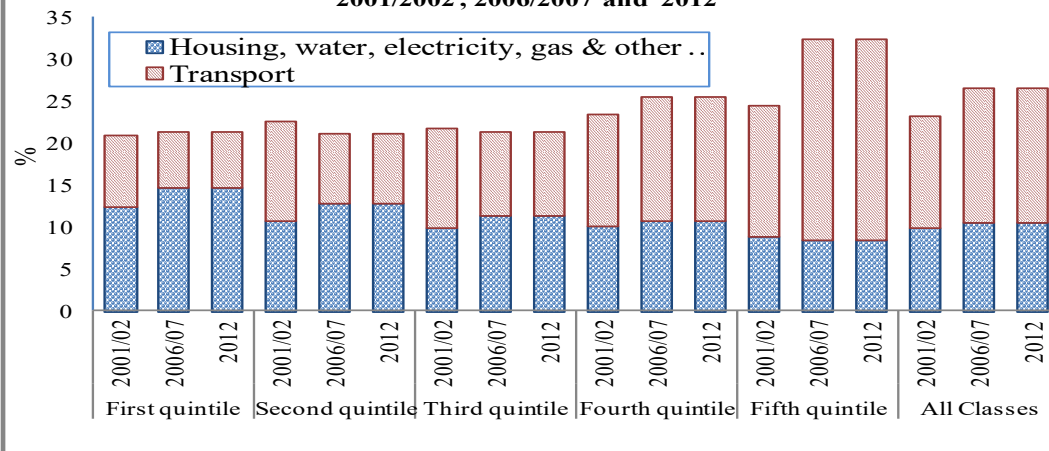
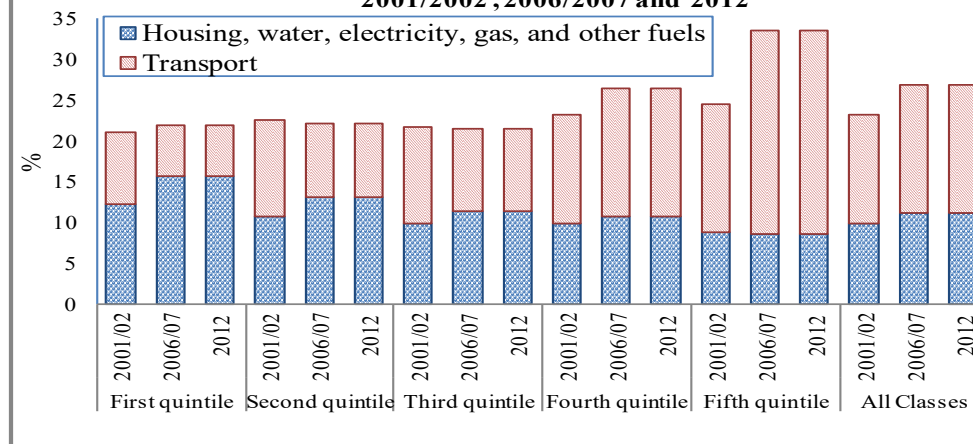


Fig. 6.13 - Percentage of per capita monthly household consumption expenditure for Transport and Housing divisions of COICOP^{1/} by quintile group of household income HBS 2001/2002, 2006/2007 and 2012



1/ Classification of individual consumption according to purpose

2/ Each quintile represents 20% of the population

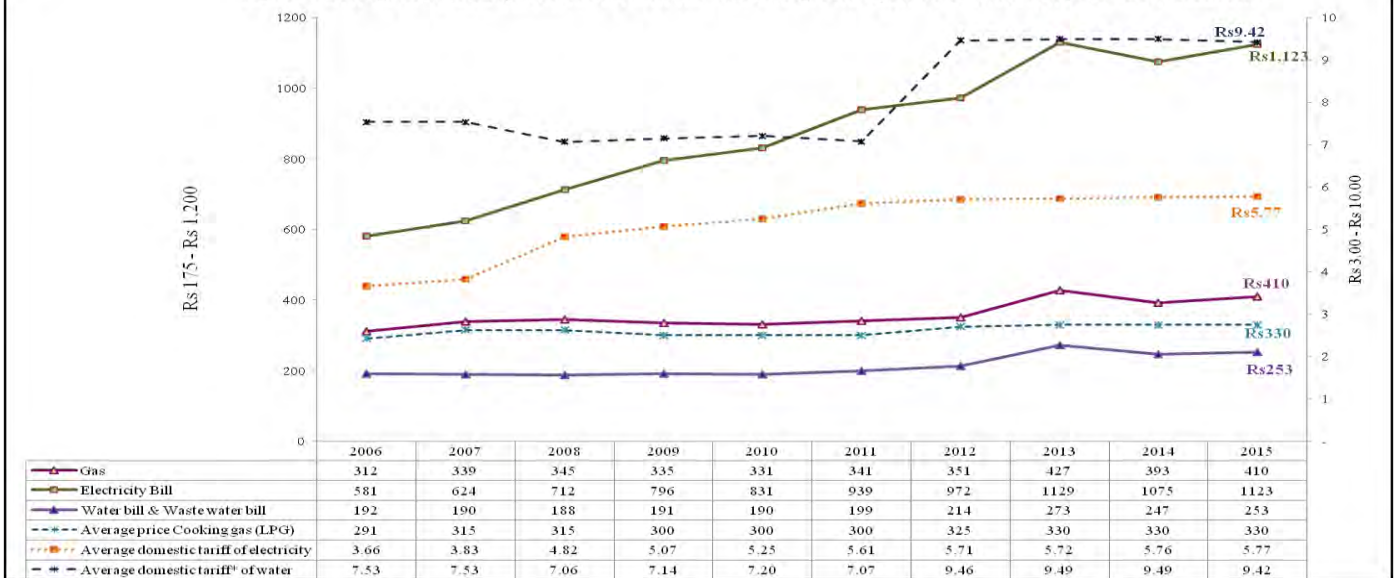
Table 6.10 - Household expenditure for selected energy and water related items by district, CMPHS^{1/} 2006 - 2015

	Rs										
	All districts	Port Louis	Pamplemousses	Riviere du	Flacq	Grand Port	Savanne	Plaines Wilhems	Moka	Black River	Rodrigues
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	-
Electricity bill	972	1,085	1,001	966	854	910	849	1,124	900	1,060	725
2013^{2/}											
Average total expenditure	21,154	19,370	21,828	22,638	18,957	19,119	17,305	26,491	21,609	22,191	14,675
Gas	427	368	410	423	427	466	463	453	479	387	349
Water bill & Waste water bill	273	360	257	244	248	243	250	302	239	283	-
Electricity bill	1,129	1,197	1,188	1,205	1,003	974	929	1,270	1,031	1,424	819
2014^{2/}											
Average total expenditure	21,770	20,132	21,674	23,588	19,970	20,263	17,795	26,548	23,341	23,285	14,390
Gas	393	347	381	384	404	410	422	415	438	362	320
Water bill & Waste water bill	247	345	218	214	226	212	228	274	227	252	342
Electricity bill	1,075	1,205	1,086	1,157	938	925	907	1,179	1,015	1,368	779
2015^{2/}											
Average total expenditure	23,413	20,588	25,943	24,292	21,757	21,793	18,696	28,419	24,069	25,561	16,709
Gas	410	367	393	410	414	443	440	426	451	382	349
Water bill & Waste water bill	253	319	229	210	231	219	231	285	242	258	958
Electricity bill	1,123	1,197	1,234	1,225	1,000	1,004	910	1,210	1,076	1,338	839

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^U and average actual price of LPG, electricity and water, 2006 – 2015



* 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^U 2011 - 2015

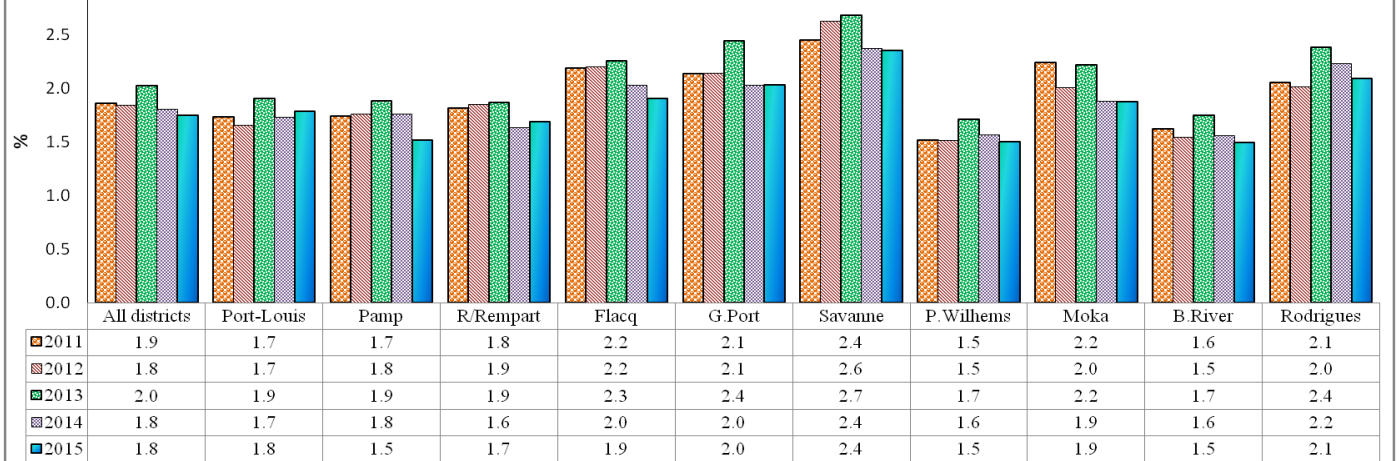


Fig. 6.16 - Percentage household expenditure on Water and Waste Water Bill by district, CMPHS^U / 2011 - 2015

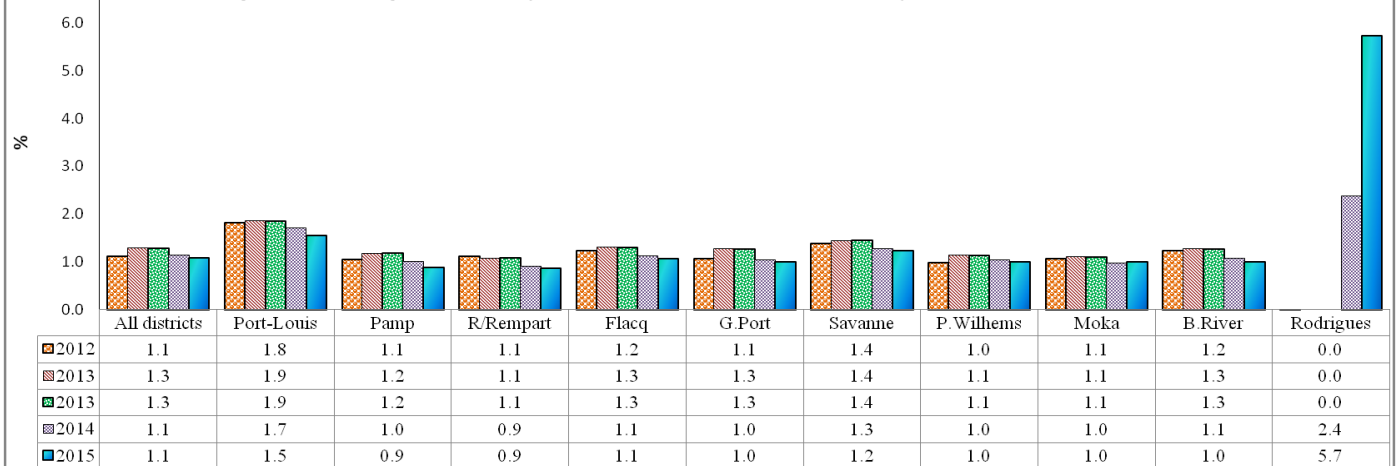
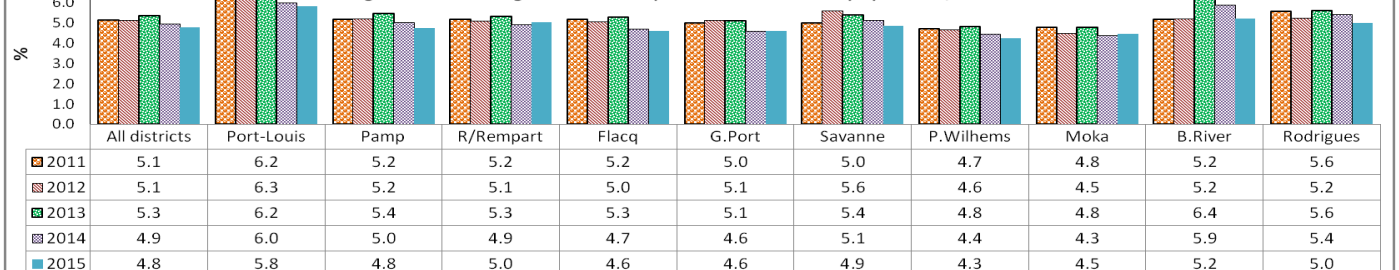


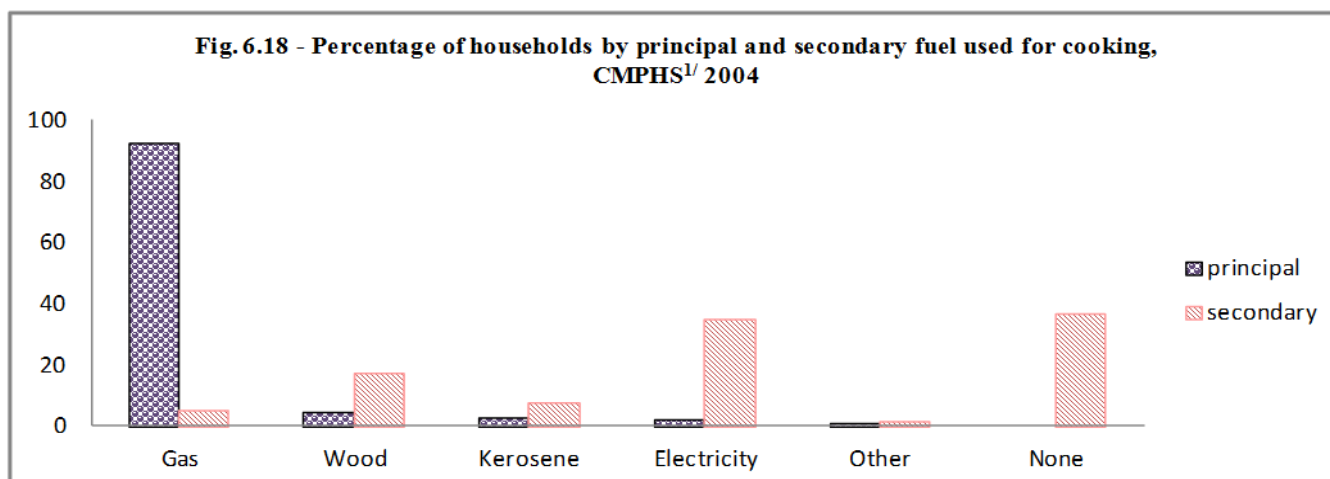
Fig. 6.17 - Percentage household expenditure on Electricity by district, CMPHS^U / 2011-2015



^U Continuous Multipurpose Household Survey

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

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

Fig. 6.18 - Percentage of households by principal and secondary fuel used for cooking, CMPHS^{1/} 2004**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 whic 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 whic 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