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STATISTICS - 2018

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FOREWORD

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

This report presents latest statistics on energy for the years 2009 to 2018 and on water for the period 2014 to 2018. 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, Mauritius 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**

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Symbols & abbreviations

-	Nil
NA	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 Producer
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

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Glossary

Energy sector

Bagasse	A cellulosic residue left after sugar is extracted from sugar cane. It is most used as a fuel within the sugar milling factories.
Bunkers	Refer to the amount of fuels delivered to ocean-going ships or aircraft of all flags engaged in international traffic. Deliveries to ships engaged in transport in inland and coastal waters, or to aircraft engaged in domestic flights, are not included.
Calorific values	The energy content of a fuel is equivalent to the heat released on complete combustion of the fuel.
Capacity	The maximum power available from a power station at a point in time: - *Installed capacity*: The nameplate capacity of the generator set. - *Plant capacity*: 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. - *Effective capacity*: It is the plant capacity less any amount of derated capacity from the installed 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 (5,700 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 180^0C and 380^0C.
Energy	Means the capacity for doing work or for producing heat. Producing heat is a common manifestation of 'doing work' as are producing light and motive force.
Energy Balance	Shows in a consistent accounting framework, the production, transformation and final consumption of all forms of energy for a given geographical area and a given period of time, with quantities expressed in terms of a single accounting unit for purposes of comparison and aggregation. The energy balance thus presents an overview of the energy produced and consumed in a system, matching input and output for a specific time period, usually a year.
Energy intensity	Provides a measure of the efficiency with which energy is being used in production. A lower ratio usually reflects a more efficient use of energy.
Energy unit	Express fuel and energy in energy content. The International System of Units (SI unit) of energy is the Joule. Historically, the 'tonne of coal equivalent' was used, but with ascendance of oil, this has been largely replaced by the 'tonne of oil equivalent' (toe), defined as 41.868 gigajoules.

Final Energy Consumption	Energy consumption by final user, i.e. energy which is not being used for transformation into other forms of energy. The consumption by sector is presented as follows: - *Agriculture*: Energy used for irrigation and by other agricultural equipment; - *Commercial & distributive trade*: Energy consumed by the business and commercial sector; - *Residential*: Consumption of energy by residential sector; - *Manufacturing*: Consumption in industry and construction; and - *Transport*: Includes consumption by land vehicles, ships and local aircrafts.
Fossils fuels	Formed from the fossilized remains of dead plants and animals by exposure to heat and pressure in the Earth's crust over hundreds of millions of years.
Fuels	The term fuel is used to describe those energy sources, whether primary or secondary, that must be subjected to combustion or fission in order to release the energy stored up inside them.
Fuel wood	The term 'fuel wood' embraces all forms of woody material.
Fuel Oils	The heavy oils from the refining process and used as fuel in power stations. It is also commonly used by ships and industrial large-scale heating boilers installations as a fuel in furnaces or boilers.
Gasolene	Comprises a mixture of relatively volatile hydrocarbons with or without small quantities of activities, which have been blended to form a fuel suitable for use in spark-ignition internal combustion engines.
Gross Domestic Product (GDP)	It represents the aggregate money value of all goods and services produced within a country out of economic activity during a specified period, usually a year, before provision for the consumption of fixed capital.
Gigawatt hour (GWh)	Unit of electrical energy, equal to 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.
IPPs (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 Central Electricity Board.
Jet fuel Kerosene-type	Refers to medium oils meeting the required properties for use in jet engines and aircraft-turbine engines.
Kerosene (excl. Jet fuel type)	A medium oil distilling between 150^0C and 300^0C 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 *not* 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/re-used.
1mm rainfall	1 litre of rainwater per square metre of surface area.

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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

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ENERGY AND WATER STATISTICS – 2018

Introduction

This issue of the 'Digest of Energy and Water Statistics, 2018' covers the period 2009 to 2018 for energy statistics, and the years 2014 to 2018 for water statistics. The statistics have been compiled in close collaboration with the Central Electricity Board (CEB), Central Water Authority (CWA), Water Resources Unit (WRU), Mauritius Meteorological Services, petroleum companies and 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 Nations Manual, International Recommendations for Energy Statistics.

2. Energy

2.1 Energy intensity

Energy intensity is defined as the total primary energy requirement per Rs 100,000 of Gross Domestic Product. It provides a measure of the efficiency with which energy is being used in production.

As shown in Table 1.1, 'Energy intensity' stood at 0.44 in 2018 compared to 0.46 in 2017. It shows a decreasing trend over the preceding years.

2.2 Energy balance

The energy balance 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.

Two major components of the energy balance statistics are Total Primary Energy Requirement and Total Final Consumption of energy. In 2018, Total Primary Energy Requirement added up to 1,586,291 tonne of oil equivalent (toe) and the Total Energy Consumption was 989,287 toe.

From 2017 to 2018, Total Primary Energy Requirement decreased by 0.8% from 1,599,774 toe to 1,586,291 toe and Total Energy Consumption increased by 1.1% from 978,822 toe to 989,287 toe (Tables 1.2-1.5).

2.3 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.

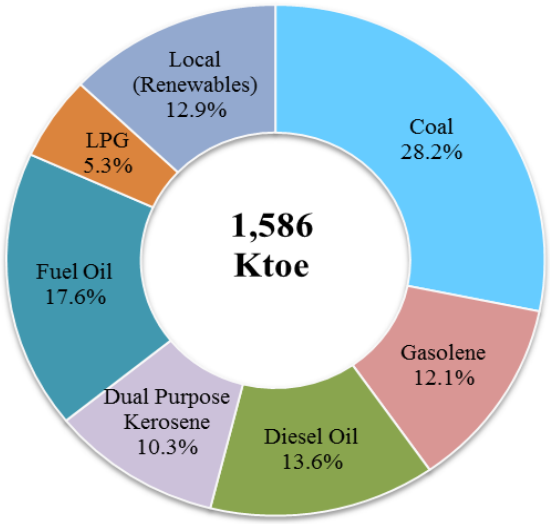
In 2018, total primary energy requirement was around 1,586 ktoe, comprising 58.9% of petroleum products, 28.2% of coal and 12.9% of renewables. Compared to 2017, there was a decrease of 0.9% from 1,600 ktoe (Table 2.1).

Consequently, this led to a decrease of 1.6% in the per capita primary energy requirement from 1.27 toe in 2017 to 1.25 toe in 2018.

2.3.1 Primary energy requirement from fossil fuels

In 2018, out of 1,586 ktoe of the total primary energy requirement, around 87.1% was met from imported fossil fuels and 12.9% from local sources (renewables).

Figure I - Total Primary Energy Requirement, 2018



The share of the different fossil fuels within the total primary energy requirement in 2018 was as follows: coal (28.2%), fuel oil (17.6%), diesel oil (13.7%), gasolene (12.1%), dual purpose kerosene (10.3%) and Liquefied Petroleum Gas (LPG) (5.3%).

From 2017 to 2018, energy supply from petroleum products increased by 2.2% from 914 ktoe to 934 ktoe. On the other hand, supply of coal decreased by 4.9% from 471 ktoe to 448 ktoe (Table 2.1).

2.3.2 Primary energy requirement from local sources (renewables)

In 2018, primary energy requirement obtained from local renewable accounted for around 12.9% (204 ktoe) of the total primary energy requirement, and constituted of hydro, wind, landfill gas, photovoltaic, bagasse and fuelwood. Bagasse remained the main source of energy supply and contributed around 88.1% of the local renewable sources while hydro, wind, landfill gas, photovoltaic and fuelwood accounted for the remaining 11.9% (Table 2.1).

Total energy production from local renewable sources decreased by 5.1% from 215 ktoe in 2017 to 204 ktoe in 2018. There was a decrease of 7.2% in the production of bagasse from 194 ktoe in 2017 to 180 ktoe in 2018. On the other hand, energy sources for hydro increased by 39.0% from 7.7 ktoe to 10.7 ktoe, landfill gas rose by 26.7% from 1.5 ktoe to 1.9 ktoe and photovoltaic, up by 23.5% from 3.4 ktoe to 4.2 ktoe. Wind remained same at 1.3 ktoe.

2.3.3 Imports of energy sources

In 2018, some 2,453 ktoe of fossil fuel comprising petroleum products and coal, were imported. Coal constituted around 32.4% of fossil fuel imports, fuel oil 26.0%, diesel oil 13.6%, dual purpose kerosene 13.0%, gasolene 7.6% and LPG 7.4%.

Compared to 2017, imports of petroleum products went up by 0.8%, from 1,645 to 1,658 ktoe while those of coal decreased by 10.3%, from 887 to 796 ktoe (Table 2.3).

From 2017 to 2018, the import bill of petroleum products and coal increased by 27.7% from Rs 29,406 million to Rs 37,553 million, and accounted for around 19.5% of the total imports bill (Figure 2.4).

During the same period, increases in the average imports price of petroleum products were registered as follows: gasolene (+24.2%), diesel oil (+33.4%), dual purpose kerosene (+30.2%), fuel oil (+41.5%) and LPG (+8.9%). On the other hand, the average imports price of coal remained same at Rs. 2,000 per tonne.

2.3.4 Re-exports and bunkering

Out of the 2,453 ktoe of imported energy sources in 2018, around 728 ktoe were supplied to bunkering of energy sources, accounted to 419 ktoe of fuel oil (57.5%), 162 ktoe of aviation fuel (22.3%) and 147 ktoe of diesel oil (20.2%).

From 2017 to 2018, re-exporting and bunkering of energy sources increased by 18.0%, from 617 ktoe in 2017 to 728 ktoe in 2018 (Table 2.6).

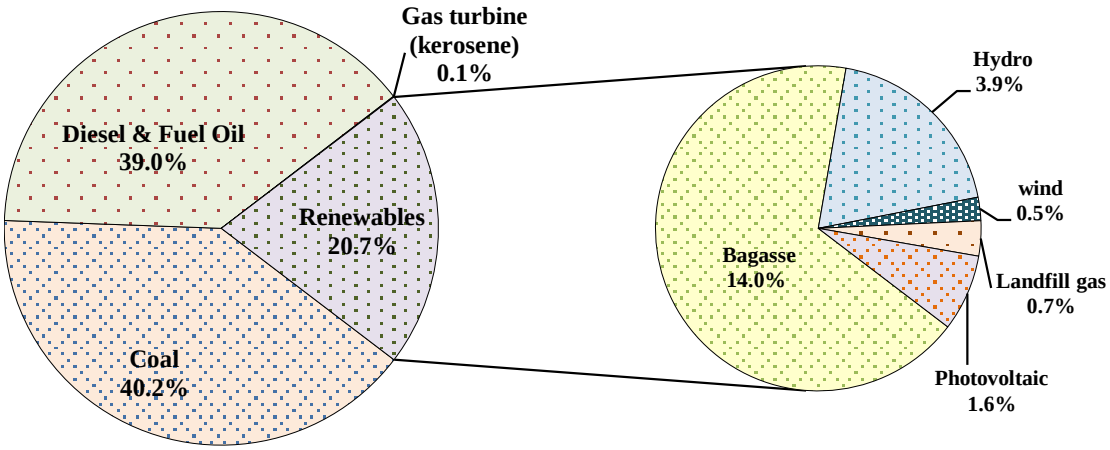
2.4 Electricity generation

The peak power demand in 2018 reached 468 MW for the Island of Mauritius and around 8 MW for Rodrigues. Compared to 2017, the peak power demand for the Island of Mauritius increased by 1.3% from 462 MW to 468 MW in 2018 (Table 3.1).

Some 3,132 GWh (269 ktoe) of electricity was generated in 2018. Around 79.3% (2,483 GWh or 213 ktoe) of the electricity was generated from non-renewable sources, mainly coal and fuel oil while the remaining 20.7% (649 GWh or 56 ktoe) were from renewable sources, mostly bagasse (Table 3.3).

The share of electricity generated by energy sources in 2018 is depicted in the chart below:

Figure II – Percentage share of energy sources in the electricity production, 2018



The main energy source for electricity generation was coal (40.2 %), followed by diesel and fuel (39.0 %) and renewable sources (20.7 %).

Between 2017 and 2018,

- Total electricity generated increased by 0.4 % from 3,120 GWh to 3,132 GWh;
- Electricity generated from coal decreased by 4.0% from 1,312 GWh to 1,260 GWh and that from fuel oil and diesel together increased by 3.5% from 1,181 GWh to 1,222 GWh;
- Electricity generated from renewable sources increased from 624 GWh to 649 GWh, up by 4.0%. Landfill gas increased by 35.3% from 17 GWh to 23 GWh, hydro by 38.9% from 90 GWh to 125 GWh. Electricity generated from bagasse decreased by 5.6% from 463 GWh to 437 GWh, and wind remained almost same at around 15 GWh.

Table 3.6 shows that the Independent Power Producers (IPPs) produced around 56.9% of the total electricity generated and the Central Electricity Board (CEB), the remaining 43.1%. Thermal energy (Table 3.6) represented around 94% of overall generation.

2.4.1 Fuel input for electricity generation

Fuel input for electricity generation from petroleum products, coal and bagasse as shown in Table 3.7 indicates that:

- In 2018, coal (51.7%) was the major fuel used to produce electricity followed by fuel oil (28.7%) and bagasse (19.5%);
- Between 2017 and 2018, fuel input decreased by 3.2% from 855 ktoe to 828 ktoe;

- Input of fuel oil increased by 3.0%, from 230 ktoe in 2017 to 237 ktoe in 2018 while that of coal decreased by 5.1%, from 451 ktoe in 2017 to 428 ktoe in 2018;

- Some 161 ktoe of bagasse was used to produce electricity in 2018 compared to 173 ktoe in 2017, down by 6.9%.

2.4.2 Electricity sales and consumption

Electricity sales in 2018 stood at around 2,650 GWh, out of which commercial sector accounted for the largest share (36.0%), followed by domestic (33.9%), and industrial (28.6%) sectors.

From 2017 to 2018, electricity sales increased by 1.2% from 2,618 GWh to 2,650 GWh, while the average sales price of electricity remained at around Rs 6 per kWh (Table 4.7).

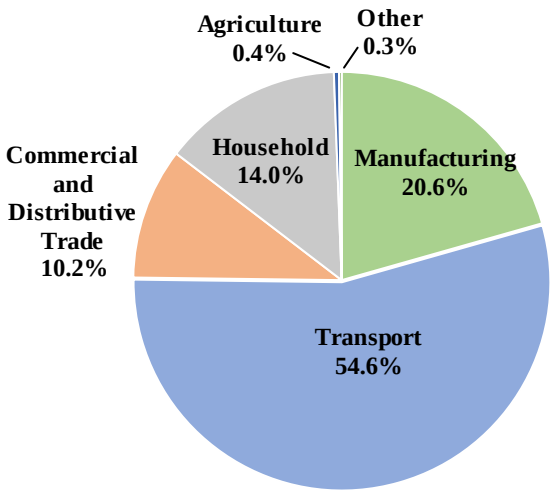
The per capita consumption of electricity sold increased from 2,070 kWh in 2017 to 2,095 kWh in 2018, showing an increase of 1.2%.

2.5 Final energy consumption

Final energy consumption is the total amount of energy required by end users as a final product. End-users are mainly categorised into five sectors namely: manufacturing, transport, commercial and distributive trade, households and agriculture.

In 2018, final energy consumption was estimated at around 989 ktoe (Table 4.4). The two main energy-consuming sectors were "Transport" and "Manufacturing", accounting respectively for 54.6% and 20.6% of the final energy consumed. These sectors were followed by the household sector (14.0%), commercial and distributive trade (10.2%) and agriculture (0.4%).

Figure III – Final Energy Consumption by sector, 2018



Final energy consumption increased by 1.0% from 979 ktoe in 2017 to 989 ktoe in 2018.

2.5.1 Transport

Energy consumed by the "Transport" sector, which represented around 54.6% of the total final energy consumption went up by 1.9% from 530 ktoe in 2017 to 540 ktoe in 2018.

From 2017 to 2018, consumption of fuel for land transport increased from 361 ktoe to 368 ktoe (+1.9%); from 160 ktoe to 163 ktoe (+1.9%) for aviation fuel and, sea transport remained almost same at 10 ktoe.

2.5.2 Manufacturing

Some 204 ktoe (20.6%) of the total final energy consumption was used by the manufacturing sector in 2018 against 206 ktoe in 2017, a drop of nearly 1.0%. The main energy consumed by the sector was as follows: electricity (86 ktoe), fuel oil (37 ktoe), diesel oil (35 ktoe), bagasse (19 ktoe) and coal (20 ktoe).

2.5.3 Commercial and Distributive Trade

Total final energy consumption by "Commercial and Distributive Trade" sector, which represented around 10.2% of total energy consumed, increased by 1.0% from 100 ktoe in 2017 to 101 ktoe in 2018.

Electricity which was the main source of energy in the "Commercial and Distributive Trade" sector remained almost same at around 82 ktoe. Consumption for LPG increased from 18 ktoe in 2017 to 19 ktoe in 2018, up by 5.6%.

2.5.4 Household

Final energy consumed by households (excluding transport) represented around 14.0% (138 ktoe) of the total energy consumption. The two main sources of energy for households were electricity and LPG, representing 56.1% and 40.2% respectively of the total energy consumed by households.

Between 2017 and 2018, household consumption of electricity rose by 4.0% from 75 ktoe to 78 ktoe while that of LPG increased from 54 ktoe to 56 ktoe, up by 3.7%.

2.5.5 Agriculture

Final energy consumption in the agricultural sector stood at 3.7 ktoe in 2018, representing around 0.4% of the total final energy consumption. Electricity and diesel were the two sources of energy used in this sector. In 2018, some 1.6 ktoe of electricity were used mainly for irrigation compared to 2.0 ktoe in 2017 and another 2.1 ktoe of diesel oil was used for mechanical operations in fields, compared to 2.2 ktoe in 2017.

3. Water

3.1 Water balance

In 2018, Island of Mauritius received 5,252 million cubic metres (Mm^3) of precipitation (rainfall), up by 31.6% compared to 3,991 (Mm^3) recorded in 2017. Only 10.0% (525 Mm^3) of the precipitation went as ground water recharge, while evapotranspiration and surface runoff accounted for 30.0% (1,576 Mm^3) and 60.0% (3,151 Mm^3) respectively (Figure 5.1).

3.2 Water utilisation

Total water utilisation was estimated at 994 Mm^3 in 2018. The agricultural sector accounted for 30.6% (304 Mm^3) of the water utilised. Hydropower constituted 40.0% (398 Mm^3) and domestic, industrial and tourism sector represented the remaining 28.3% (281 Mm^3) (Table 5.2).

Compared to 2017, water utilisation increased by 6.5%, from 933 to 994 Mm^3 with changes in hydropower (27.6%) and agricultural (-12.4%).

Around 84.4% of the total water utilisation was met by surface water and 15.1% by ground water.

3.3 Rainfall

During the year 2018, the mean amount of rainfall recorded around the Island of Mauritius was 2,816 millimetres (mm), representing an increase of 32.0% compared to 2,134 mm in 2017. An increase of 42.6% from the long term (1981-2010) mean of 1,975 mm was also noted.

The wettest month in 2018 was January with a mean of 794 mm, which represented a surplus of three-fold relative to the long term (1981-2010) mean of 261 mm. August was the driest month with a mean of 36 mm of rainfall, registering a deficit of 65.7% compared to the long term (1981-2010) mean of 105 mm.

The mean rainfall registered in Rodrigues at Point Canon in 2018 was 1,602 mm compared to 970 mm in 2017, up by 65.2%. The highest amount of rainfall with 407 mm was recorded in the month of January while the least amount was in September with 30 mm (Table 5.6).

3.4 Water storage level

In 2018, the minimum and maximum percentage of water storage level of the different reservoirs was as follows:

Reservoir	Capacity (Mm^3)	% Minimum [month(s)]	% Maximum [month(s)]
Mare aux Vacoas	25.89	53 (January)	100 (January, February and April)
Midlands Dam	25.50	40 (November)	100 (January to April)
La Ferme	11.52	28 (November)	91 (February and March)
Mare Longue	6.28	61 (January)	100 (January to April)
La Nicolière	5.26	43 (January)	100 (January to May)
Piton du Milieu	2.99	48 (November)	100 (January to April and December)

The mean percentage water level for all reservoirs (excluding Midlands Dam) varied from 55% to 96% in 2018. 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

In 2018, the total volume of potable water treated by the different treatment plants was 285 Mm^3, up by 9.2% compared to 261 Mm^3 in 2017. The average production from surface water and boreholes represented 52% and 48% respectively in 2018 (Table 5.8).

3.6 Water sales and revenue collectible

Total volume of water sold in 2018 was 123 Mm^3, out of which 88.3% constituted of potable water and the remaining 11.7% of non-treated water. Some 83 Mm^3 of water were sold under domestic tariff accounting for around 67.5% of the total volume of water sold.

From 2017 to 2018, the total volume of water sold increased by 2.5% from 120 Mm^3 to 123 Mm^3.

The amount of revenue collectible from the sales of water for the year 2018 was around Rs 1,570 million, representing an increase of 4.4%, over the amount of Rs 1,504 million collected in 2017 (Table 5.9).

Section I

Main Indicators & Energy balance

Table 1.1 - Main energy indicators, 2009 - 2018

Indicators	Unit	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Mid-year population, Republic of Mauritius	Thousand	1,247	1,250	1,252	1,256	1,259	1,261	1,263	1,263	1,265	1,265
GDP in 2006 rupees [1]	Rs.Million	256,560	267,790	278,709	288,453	298,146	309,311	320,301	332,594	345,279	358,310
GDP index (2006 = 100) [1]		115.1	120.2	125.1	129.4	133.8	138.8	143.7	149.2	154.9	160.8
Total primary energy requirement	ktoe	1,346.9	1,430.7	1,426.9	1,427.6	1,454.8	1,491.7	1,534.4	1,555.3	1,599.8	1,586.3
Of which local (renewables)	%	*17.5*	*16.9*	*16.2*	*15.6*	*15.1*	*14.2*	*16.4*	*14.6*	*13.4*	*12.9*
Annual increase	%	-4.1	+6.2	-0.3	+0.1	+1.9	+2.5	+2.9	+1.4	+2.9	-0.8
Total primary energy requirement index (Base 2006 = 100)		97.8	103.9	103.6	103.7	105.7	108.4	111.5	113.0	116.2	115.2
Total final energy consumption	ktoe	809	854	863	854	871	892	913	951	979	989
Of which renewables	%	5.4	5.8	5.4	4.8	4.5	3.9	4.1	3.3	2.8	2.5
Total electricity generated	GWh	2,577	2,689	2,739	2,797	2,885	2,937	2,996	3,042	3,120	3,132
Of which renewables	%	*23.6*	*21.5*	*20.0*	*20.3*	*20.6*	*20.3*	*22.7*	*21.8*	*20.0*	*20.7*
Total electricity sold	GWh	2,069	2,174	2,228	2,294	2,384	2,452	2,505	2,559	2,618	2,650
Average sales price of electricity	Rs/kWh	5.20	5.30	5.64	5.70	5.67	5.73	5.74	5.73	5.72	5.73
Efficiency Indicators											
Import dependency	%	82.45	83.11	83.80	84.40	84.92	85.77	83.62	85.42	86.59	87.11
Energy intensity	toe per Rs.100,000 GDP at 2006 prices	0.52	0.53	0.51	0.49	0.49	0.48	0.48	0.47	0.46	0.44
Per capita primary energy requirement	toe	1.08	1.14	1.14	1.14	1.16	1.18	1.22	1.23	1.27	1.25
Per capita final energy consumption	toe	0.65	0.68	0.69	0.68	0.69	0.71	0.72	0.75	0.77	0.78
Per capita consumption of electricity sold											
- Republic of Mauritius	kWh	1,659	1,739	1,779	1,827	1,894	1,945	1,984	2,025	2,070	2,095
- Island of Mauritius	kWh	1,692	1,774	1,816	1,866	1,935	1,986	2,026	2,067	2,114	2,139
- Island of Rodrigues	kWh	660	661	664	675	707	735	780	802	814	832
Per capita consumption of electricity consumed	kWh	1,877	1,963	1,997	2,040	2,112	2,149	2,195	2,231	2,277	2,306
Electricity consumption per household	kWh	1,980	2,042	2,058	2,109	2,157	2,199	2,238	2,271	2,288	2,329

[1] Revised

Table 1.2 - Energy balance, 2018 (tonne of oil equivalent)

tonne of oil equivalent (toe)

Source / Flow	Fossil fuels								Renewables								Electricity	Total
	Coal	Petroleum products																
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products	Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse	Total Renewables		
Local production	-	-	-	-	-	-	-	-	*6,140*	-	*10,710*	*1,296*	*1,946*	*4,241*	*180,071*	204,404	-	**204,404**
Imports	795,707	*186,026*	*333,446*	*315,946*	*3,263*	*636,832*	*182,114*	1,657,627	-	-	-	-	-	-	-	-	-	**2,453,334**
Re-exports and bunkering	-	-	*(147,532)*	*(162,279)*	-	*(418,576)*	-	(728,387)	-	-	-	-	-	-	-	-	-	**(728,387)**
Stock change / Statistical error	(347,994)	*5,432*	*30,683*	*8,876*	*(2,543)*	*60,415*	*(97,930)*	4,934	-	-	-	-	-	-	-	-	-	**(343,060)**
Total Primary Energy Requirement	**447,713**	***191,458***	***216,598***	***162,543***	***721***	***278,671***	***84,184***	**934,174**	***6,140***	**-**	***10,710***	***1,296***	***1,946***	***4,241***	***180,071***	**204,404**	**-**	**1,586,291**
Public electricity generation plant	-	-	*(852)*	-	*(673)*	*(237,404)*	-	(238,928)	-	-	*(10,710)*	*(210)*	-	*(3)*	-	(10,924)	116,143	**(133,709)**
Autoproducer plants	(427,943)	-	-	-	-	-	-	-	-	-	-	*(1,086)*	*(1,946)*	*(4,238)*	*(161,418)*	(168,688)	153,178	**(443,453)**
Other transformation	-	-	-	-	-	-	-	-	*(710)*	*346*	-	-	-	-	-	(364)	-	**(364)**
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,793)	**(3,793)**
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(15,685)	**(15,685)**
Total Final Consumption	**19,769**	***191,458***	***215,746***	***162,543***	***48***	***41,268***	***84,184***	**695,246**	***5,430***	***346***	**-**	**-**	**-**	**-**	***18,653***	**24,429**	**249,843**	**989,287**
Manufacturing sector	19,769	-	*35,152*	-	-	*37,212*	*6,123*	78,486	*456*	-	-	-	-	-	*18,653*	19,109	86,138	**203,502**
Transport sector [1]	-	*191,458*	*178,463*	*162,543*	-	*4,056*	*3,553*	540,073	-	-	-	-	-	-	-	-	-	**540,073**
Commercial and distributive trade sector	-	-	-	-	-	-	*18,591*	18,591	-	*281*	-	-	-	-	-	281	82,439	**101,311**
Household	-	-	-	-	*48*	-	*55,574*	55,621	*4,974*	*64*	-	-	-	-	-	5,038	77,464	**138,123**
Agriculture	-	-	*2,131*	-	-	-	-	2,131	-	-	-	-	-	-	-	-	1,603	**3,735**
Other	-	-	-	-	-	-	*343*	343	-	-	-	-	-	-	-	-	2,199	**2,542**

Note: figures in brackets represent negative quantities

[1] includes fuel used for transport by all sectors

Table 1.3 - Energy balance, 2018 (Terajoules)

Terajoules(TJ)

Source / Flow	Fossil fuels								Renewables								Electricity	Total
	Coal	Petroleum products																
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products	Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse	Total Renewables		
Local production	-	-	-	-	-	-	-	-	*257*	-	*448*	*54*	*81*	*178*	*7,539*	8,558	-	**8,558**
Imports	33,315	*7,789*	*13,961*	*13,228*	*137*	*26,663*	*7,625*	69,402	-	-	-	-	-	-	-	-	-	**102,716**
Re-exports and bunkering	-	-	*(6,177)*	*(6,794)*	-	*(17,525)*	-	(30,496)	-	-	-	-	-	-	-	-	-	**(30,496)**
Stock change / Statistical error	(14,570)	*227*	*1,285*	*372*	*(106)*	*2,529*	*(4,100)*	207	-	-	-	-	-	-	-	-	-	**(14,363)**
Total Primary Energy Requirement	**18,745**	***8,016***	***9,069***	***6,805***	***30***	***11,667***	***3,525***	**39,112**	***257***	**-**	***448***	***54***	***81***	***178***	***7,539***	**8,558**	**-**	**66,415**
Public electricity generation plant	-	-	*(36)*	-	*(28)*	*(9,940)*	-	(10,003)	-	-	*(448)*	*(9)*	-	-	-	(457)	4,863	**(5,598)**
Autoproducer plants	(17,917)	-	-	-	-	-	-	-	-	-	-	*(45)*	*(81)*	*(178)*	*(6,758)*	(7,063)	6,413	**(18,567)**
Other transformation	-	-	-	-	-	-	-	-	*(30)*	*15*	-	-	-	-	-	(15)	-	**(15)**
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(159)	**(159)**
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(657)	**(657)**
Total Final Consumption	**828**	***8,016***	***9,033***	***6,805***	***2***	***1,728***	***3,525***	**29,109**	***227***	***15***	**-**	**-**	**-**	**-**	***781***	**1,023**	**10,460**	**41,419**
Manufacturing sector	828	-	*1,472*	-	-	*1,558*	*256*	3,286	*19*	-	-	-	-	-	*781*	800	3,606	**8,520**
Transport sector [1]	-	*8,016*	*7,472*	*6,805*	-	*170*	*149*	22,612	-	-	-	-	-	-	-	-	-	**22,612**
Commercial and distributive trade sector	-	-	-	-	-	-	*778*	778	-	*12*	-	-	-	-	-	12	3,452	**4,242**
Household	-	-	-	-	*2*	-	*2,327*	2,329	*208*	*3*	-	-	-	-	-	211	3,243	**5,783**
Agriculture	-	-	*89*	-	-	-	-	89	-	-	-	-	-	-	-	-	67	**156**
Other	-	-	-	-	-	-	*14*	14	-	-	-	-	-	-	-	-	92	**106**

Note: figures in brackets represent negative quantities

[1] includes fuel used for transport by all sectors

Table 1.4- Energy balance, 2017 (tonne of oil equivalent)

tonne of oil equivalent (toe)

Source / Flow	Fossil fuels								Renewables								Electricity	Total
	Coal	Petroleum products																
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products	Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse	Total Renewables		
Local production	-	-	-	-	-	-	-	-	*6,352*	-	*7,723*	*1,256*	*1,455*	*3,370*	*194,328*	214,485	-	**214,485**
Imports	886,942	*186,009*	*350,145*	*322,134*	*2,110*	*622,719*	*161,371*	1,644,489	-	-	-	-	-	-	-	-	-	**2,531,431**
Re-exports and bunkering	-	-	*(130,034)*	*(159,931)*	-	*(327,136)*	-	(617,101)	-	-	-	-	-	-	-	-	-	**(617,101)**
Stock change / Statistical error	(415,622)	*1,697*	*(5,733)*	*(1,968)*	*(1,068)*	*(26,262)*	*(80,085)*	(113,419)	-	-	-	-	-	-	-	-	-	**(529,041)**
Total Primary Energy Requirement	**471,320**	***187,706***	***214,379***	***160,235***	***1,042***	***269,321***	***81,286***	**913,969**	***6,352***	**-**	***7,723***	***1,256***	***1,455***	***3,370***	***194,328***	**214,485**	**-**	**1,599,774**
Public electricity generation plant	-	-	*(1,287)*	-	*(977)*	*(229,786)*	-	(232,050)	-	-	*(7,723)*	*(234)*	-	*(1)*	-	(7,959)	109,780	**(130,228)**
Autoproducer plants	(450,533)	-	-	-	-	-	-	-	-	-	-	*(1,022)*	*(1,455)*	*(3,369)*	*(172,609)*	(178,455)	158,516	**(470,472)**
Other transformation	-	-	-	-	-	-	-	-	*(772)*	*376*	-	-	-	-	-	(396)	-	**(396)**
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3,771)	**(3,771)**
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(16,085)	**(16,085)**
Total Final Consumption	**20,787**	***187,706***	***213,092***	***160,235***	***66***	***39,535***	***81,286***	**681,919**	***5,580***	***376***	**-**	**-**	**-**	**-**	***21,719***	**27,675**	**248,441**	**978,822**
Manufacturing sector	20,787	-	*35,880*	-	-	*35,657*	*5,899*	77,436	*472*	-	-	-	-	-	*21,719*	22,191	85,418	**205,833**
Transport sector [1]	-	*187,706*	*175,004*	*160,235*	-	*3,877*	*3,581*	530,403	-	-	-	-	-	-	-	-	-	**530,403**
Commercial and distributive trade sector	-	-	-	-	-	-	*17,467*	17,467	-	*306*	-	-	-	-	-	306	81,849	**99,623**
Household	-	-	-	-	*66*	-	*54,012*	54,077	*5,108*	*70*	-	-	-	-	-	5,178	75,035	**134,290**
Agriculture	-	-	*2,208*	-	-	-	-	2,208	-	-	-	-	-	-	-	-	2,010	**4,218**
Other	-	-	-	-	-	-	*327*	327	-	-	-	-	-	-	-	-	4,128	**4,456**

Note: figures in brackets represent negative quantities

[1] includes fuel used for transport by all sectors

Table 1.5 - Energy balance, 2017 (Terajoules)

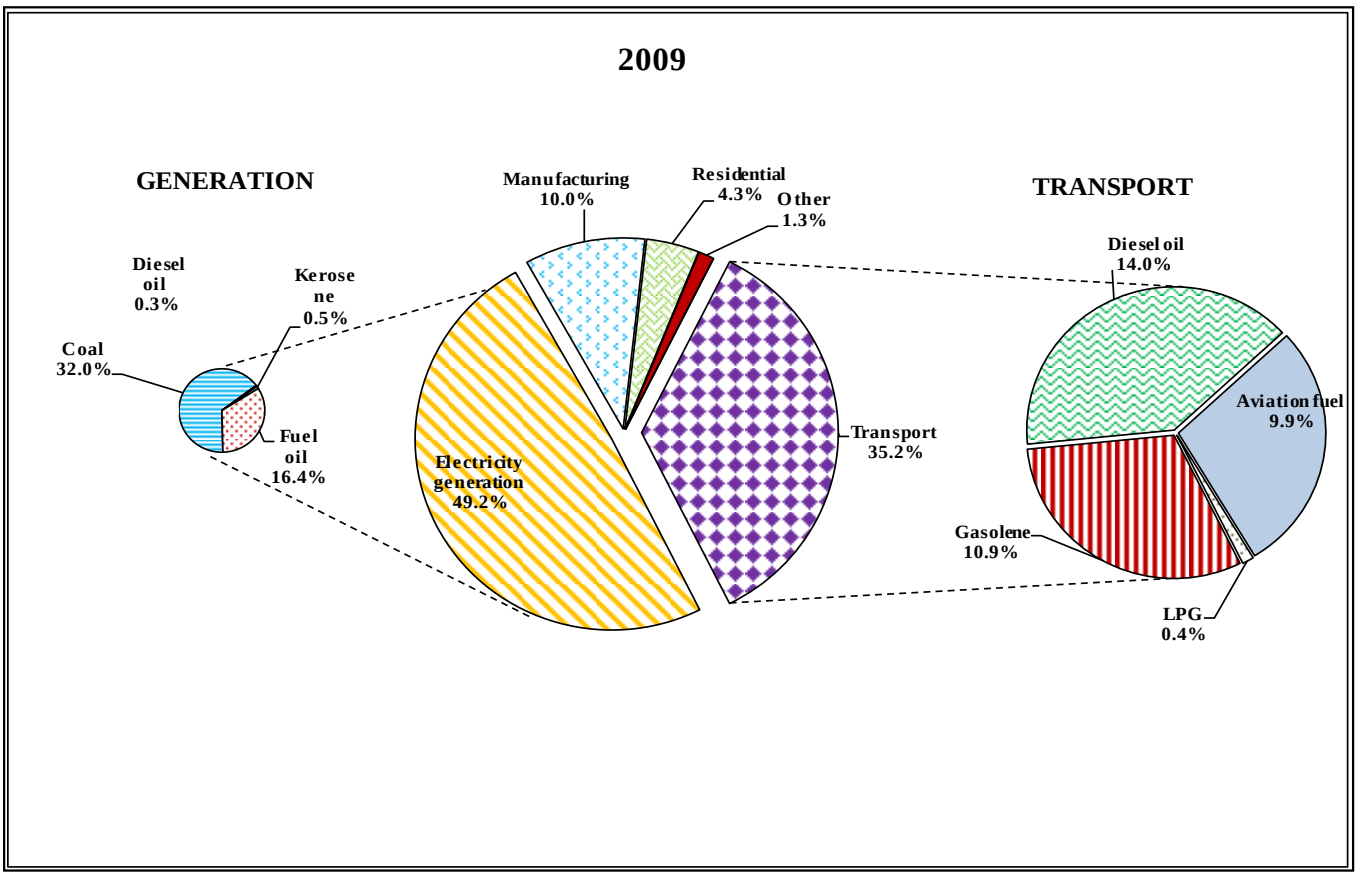
Terajoules(TJ)

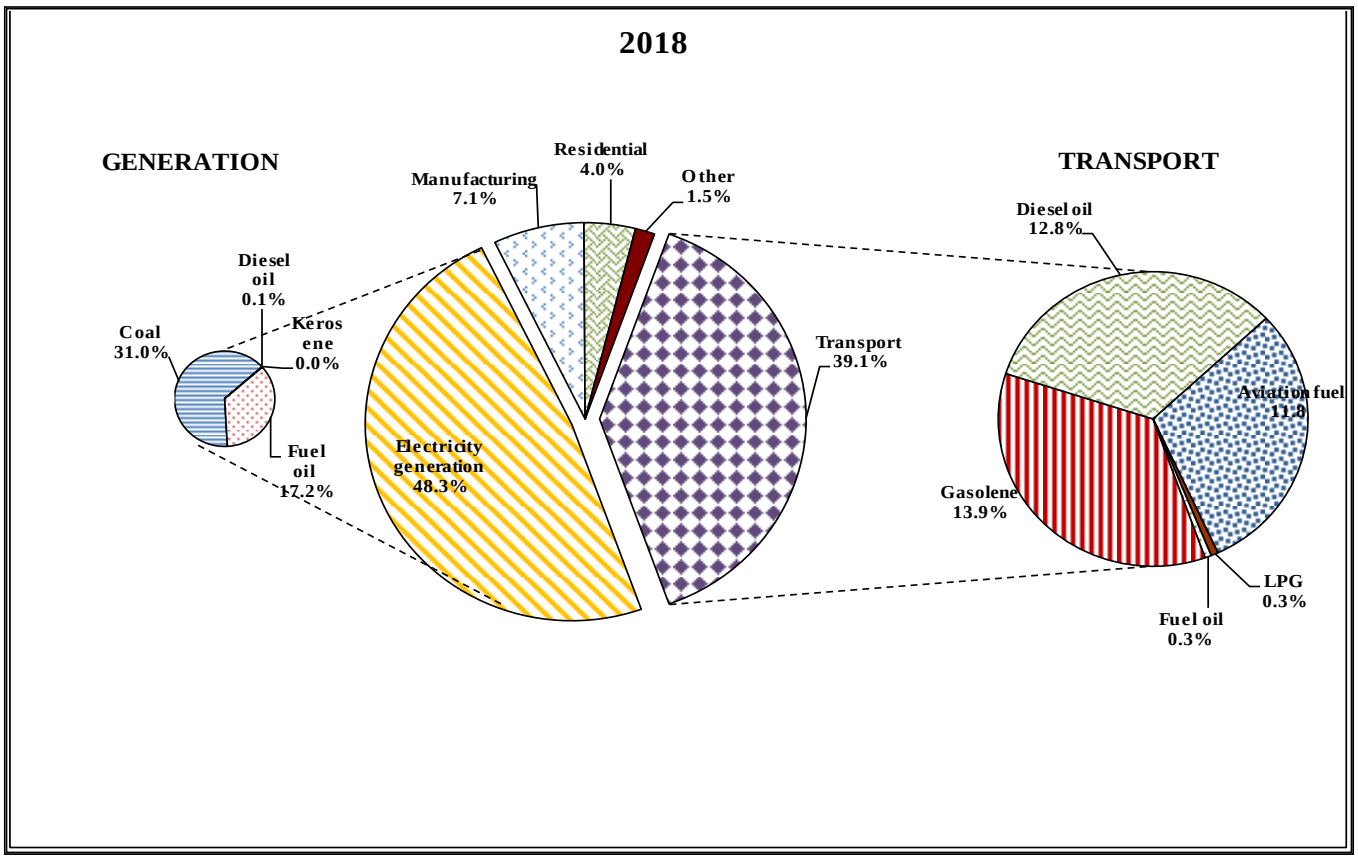
Source / Flow	Fossil fuels								Renewables								Electricity	Total
	Coal	Petroleum products																
		Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Total Petroleum products	Fuelwood	Charcoal	Hydro	Wind	Landfill Gas	Photo-voltaic	Bagasse	Total Renewables		
Local production	-	-	-	-	-	-	-	-	*266*	-	*323*	*53*	*61*	*141*	*8,136*	8,980	-	**8,980**
Imports	37,134	*7,788*	*14,660*	*13,487*	*88*	*26,072*	*6,756*	68,851	-	-	-	-	-	-	-	-	-	**105,986**
Re-exports and bunkering	-	-	*(5,444)*	*(6,696)*	-	*(13,697)*	-	(25,837)	-	-	-	-	-	-	-	-	-	**(25,837)**
Stock change / Statistical error	(17,401)	*71*	*(240)*	*(82)*	*(45)*	*(1,100)*	*(3,353)*	(4,749)	-	-	-	-	-	-	-	-	-	**(22,150)**
Total Primary Energy Requirement	**19,733**	***7,859***	***8,976***	***6,709***	***44***	***11,276***	***3,403***	**38,266**	***266***	**-**	***323***	***53***	***61***	***141***	***8,136***	**8,980**	**-**	**66,979**
Public electricity generation plant	-	-	*(54)*	-	*(41)*	*(9,621)*	-	(9,715)	-	-	*(323)*	*(10)*	-	-	-	(333)	4,596	**(5,452)**
Autoproducer plants	(18,863)	-	-	-	-	-	-	-	-	-	-	*(43)*	*(61)*	*(141)*	*(7,227)*	(7,472)	6,637	**(19,698)**
Other transformation	-	-	-	-	-	-	-	-	*(32)*	*16*	-	-	-	-	-	(17)	-	**(17)**
Own use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(158)	**(158)**
Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(673)	**(673)**
Total Final Consumption	**870**	***7,859***	***8,922***	***6,709***	***3***	***1,655***	***3,403***	**28,551**	***234***	***16***	**-**	**-**	**-**	**-**	***909***	**1,159**	**10,402**	**40,981**
Manufacturing sector	870	-	*1,502*	-	-	*1,493*	*247*	3,242	*20*	-	-	-	-	-	*909*	929	3,576	**8,618**
Transport sector [1]	-	*7,859*	*7,327*	*6,709*	-	*162*	*150*	22,207	-	-	-	-	-	-	-	-	-	**22,207**
Commercial and distributive trade sector	-	-	-	-	-	-	*731*	731	-	*13*	-	-	-	-	-	13	3,427	**4,171**
Household	-	-	-	-	*3*	-	*2,261*	2,264	*214*	*3*	-	-	-	-	-	217	3,142	**5,622**
Agriculture	-	-	*92*	-	-	-	-	92	-	-	-	-	-	-	-	-	84	**177**
Other	-	-	-	-	-	-	*14*	14	-	-	-	-	-	-	-	-	173	**187**

Note: figures in brackets represent negative quantities

[1] includes fuel used for transport by all sectors

Figure 1.1 - Percentage share of consumption of petroleum products and coal by sector ('Transformation' +'Final energy consumption') - 2009 and 2018





Section II

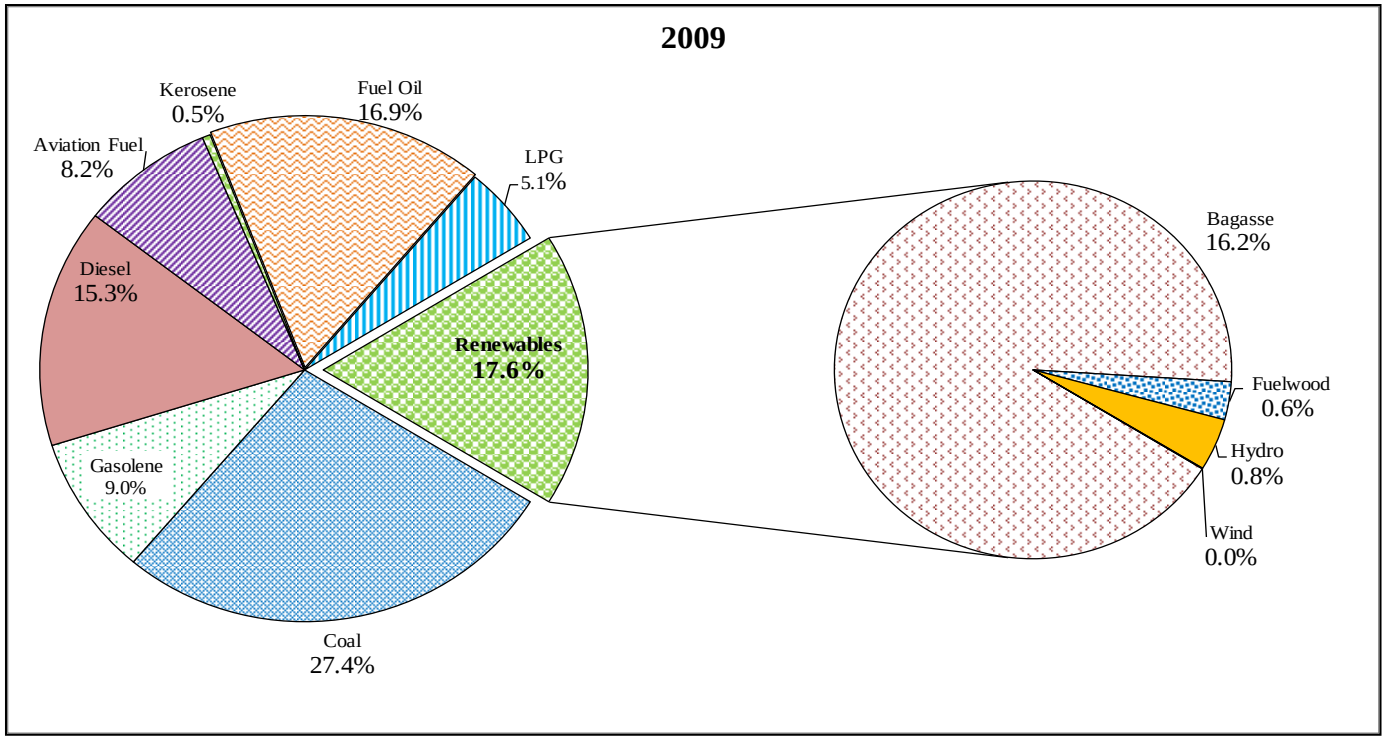
Primary Energy Requirement

Table 2.1 - Primary energy requirement, 2009 - 2018

Energy source	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	Physical unit (Thousand tonne\GWh)									
Imported (Fossil fuels)										
Coal	595.7	667.8	641.5	674.8	710.7	742.5	720.8	734.4	760.2	722.1
Petroleum products										
Gasolene	111.7	118.2	120.4	126.5	132.1	140.5	151.0	165.7	173.8	177.3
Diesel Oil	204.6	211.5	208.0	211.3	205.0	206.0	207.5	208.4	212.3	214.5
Dual Purpose Kerosene	112.6	126.3	133.3	114.3	116.9	122.8	120.4	142.7	155.1	157.0
Kerosene	*6.4*	*7.7*	*4.2*	*3.7*	*0.8*	*0.8*	*0.9*	*0.8*	*1.0*	*0.7*
Aviation Fuel	*106.2*	*118.6*	*129.2*	*110.6*	*116.1*	*122.0*	*119.6*	*141.9*	*154.1*	*156.3*
Fuel Oil	237.4	241.9	258.4	255.7	258.9	265.5	270.0	265.0	280.5	290.3
LPG	63.8	65.0	65.9	67.3	69.3	71.0	73.3	74.9	75.3	77.9
Local (Renewables)										
Hydro GWh	122.4	100.7	56.5	74.1	94.8	90.8	121.9	99.5	89.8	124.5
Wind GWh	1.5	2.5	2.8	3.6	3.6	3.2	2.7	18.0	14.6	15.1
Landfill Gas GWh	-	-	3.1	17.8	20.0	21.3	20.4	18.7	16.9	22.6
Photovoltaic GWh	-	-	-	0.9	2.7	24.6	25.9	30.3	39.2	49.3
Bagasse[1]	1,362.3	1,406.4	1,363.3	1,290.9	1,260.7	1,208.5	1,437.9	1,288.0	1,214.6	1,125.4
Fuelwood[1]	20.3	20.3	20.1	19.8	19.2	18.3	17.1	16.9	16.7	16.2
	Energy unit (ktoe)									
Imported (Fossil fuels)	**1,110.6**	**1,189.0**	**1,195.7**	**1,205.3**	**1,235.4**	**1,279.4**	**1,283.2**	**1,328.5**	**1,385.3**	**1,381.9**
Coal	369.3	414.1	397.7	418.4	440.6	460.3	446.9	455.3	471.3	447.7
Petroleum products	**741.2**	**775.0**	**798.0**	**786.9**	**794.7**	**819.0**	**836.3**	**873.2**	**914.0**	**934.2**
Gasolene	120.6	127.7	130.0	136.6	142.7	151.7	163.0	178.9	187.7	191.5
Diesel Oil	206.7	213.6	210.1	213.4	207.0	208.0	209.6	210.5	214.4	216.6
Dual Purpose Kerosene	117.2	131.3	138.7	118.8	121.6	127.7	125.2	148.4	161.3	163.2
Kerosene	*6.7*	*8.0*	*4.3*	*3.8*	*0.9*	*0.9*	*0.9*	*0.8*	*1.0*	*0.7*
Aviation Fuel	*110.5*	*123.3*	*134.3*	*115.0*	*120.7*	*126.8*	*124.3*	*147.6*	*160.2*	*162.5*
Fuel Oil	227.9	232.2	248.1	245.4	248.5	254.8	259.2	254.4	269.3	278.7
LPG	68.9	70.2	71.1	72.7	74.9	76.7	79.2	80.9	81.3	84.2
Local (Renewables)	**236.3**	**241.6**	**231.1**	**222.3**	**219.4**	**212.3**	**251.3**	**226.8**	**214.5**	**204.4**
Hydro	10.5	8.7	4.9	6.4	8.2	7.8	10.5	8.6	7.7	10.7
Wind	0.1	0.2	0.2	0.3	0.3	0.3	0.2	1.5	1.3	1.3
Landfill Gas	-	-	0.3	1.5	1.7	1.8	1.8	1.6	1.5	1.9
Photovoltaic	-	-	-	-	0.2	2.1	2.2	2.6	3.4	4.2
Bagasse	218.0	225.0	218.1	206.5	201.7	193.4	230.1	206.1	194.3	180.1
Fuelwood	7.7	7.7	7.6	7.5	7.3	6.9	6.5	6.4	6.4	6.1
Total	**1,346.9**	**1,430.7**	**1,426.8**	**1,427.6**	**1,454.8**	**1,491.7**	**1,534.4**	**1,555.3**	**1,599.8**	**1,586.3**
	Percentage (%)									
Imported (Fossil fuels)	**82.5**	**83.1**	**83.8**	**84.4**	**84.9**	**85.8**	**83.6**	**85.4**	**86.6**	**87.1**
Coal	27.4	28.9	27.9	29.3	30.3	30.9	29.1	29.3	29.5	28.2
Petroleum products	**55.0**	**54.2**	**55.9**	**55.1**	**54.6**	**54.9**	**54.5**	**56.1**	**57.1**	**58.9**
Gasolene	9.0	8.9	9.1	9.6	9.8	10.2	10.6	11.5	11.7	12.1
Diesel Oil	15.3	14.9	14.7	14.9	14.2	13.9	13.7	13.5	13.4	13.7
Dual Purpose Kerosene	8.7	9.2	9.7	8.3	8.4	8.6	8.2	9.5	10.1	10.3
Kerosene	*0.5*	*0.6*	*0.3*	*0.3*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*
Aviation Fuel	*8.2*	*8.6*	*9.4*	*8.1*	*8.3*	*8.5*	*8.1*	*9.5*	*10.0*	*10.4*
Fuel Oil	16.9	16.2	17.4	17.2	17.1	17.1	16.9	16.4	16.8	17.6
LPG	5.1	4.9	5.0	5.1	5.1	5.1	5.2	5.2	5.1	5.3
Local (Renewables)	**17.5**	**16.9**	**16.2**	**15.6**	**15.1**	**14.2**	**16.4**	**14.6**	**13.4**	**12.9**
Hydro	0.8	0.6	0.3	0.4	0.6	0.5	0.7	0.6	0.5	0.7
Wind	0	0	0	0	0	0	0	0	0	0.1
Landfill Gas	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Photovoltaic	0	0	0	0	0	0.1	0.1	0.2	0.2	0.3
Bagasse	16.2	15.7	15.3	14.5	13.9	13	15	13.2	12.1	11.4
Fuelwood	0.6	0.5	0.5	0.5	0.5	0.5	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**

[1] Estimates

Figure 2.1 - Percentage share of energy sources within the Primary Energy Requirement - 2009 and 2018



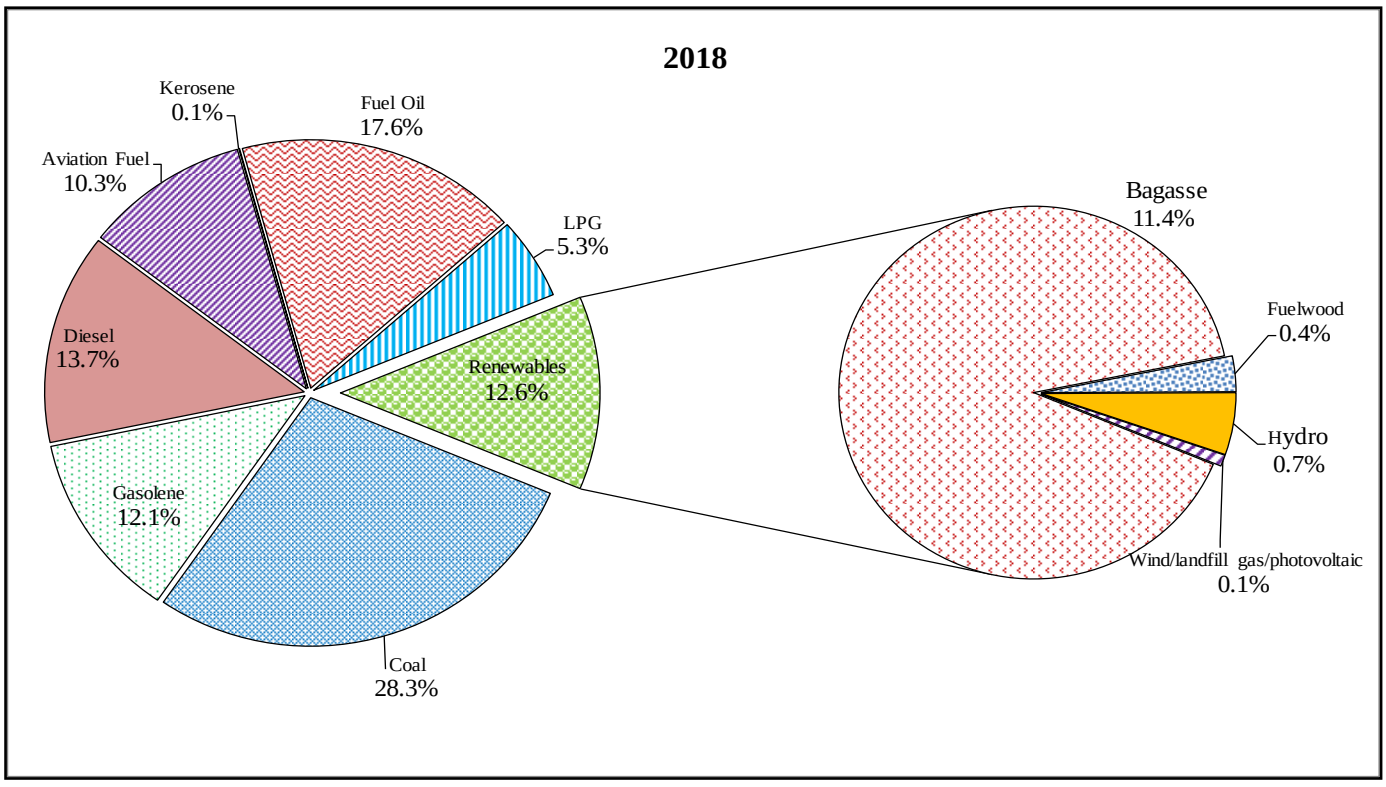


Figure 2.2 - Primary energy requirement by main energy sources, 2009 - 2018

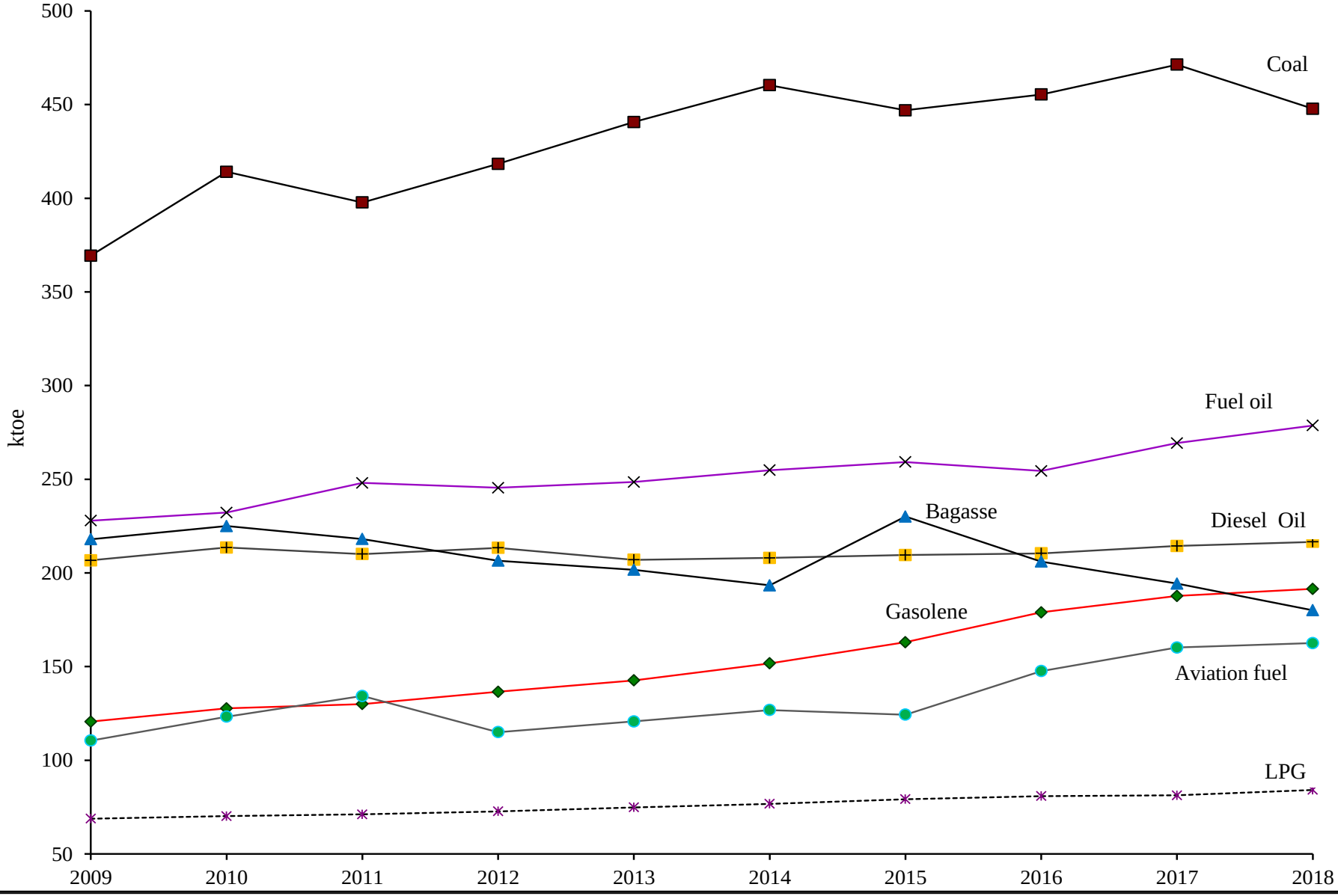


Table 2.2 - Imports of energy sources (Physical unit), 2009 - 2018

Thousand tonne

Energy source	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Fossil fuels										
Coal	559.9	660.6	660.2	729.3	708.3	771.8	804.2	925.5	1,430.6	1,283.4
Gasolene	104.4	120.9	116.7	128.2	138.2	137.9	154.7	168.8	172.2	172.2
Diesel oil	288.0	310.4	309.9	313.8	336.1	303.6	318.7	339.1	346.7	330.1
Dual Purpose Kerosene	208.8	241.6	230.7	220.1	243.9	234.2	271.3	287.2	311.8	306.9
Aviation Fuel	*204.7*	*234.9*	*226.4*	*213.0*	*241.1*	*232.0*	*268.8*	*285.0*	*309.7*	*303.8*
Kerosene	*4.1*	*6.7*	*4.3*	*7.0*	*2.8*	*2.2*	*2.5*	*2.1*	*2.0*	*3.1*
Fuel oil	343.7	341.5	434.8	401.2	429.1	406.4	445.1	489.7	648.7	663.4
LPG	62.6	62.7	66.3	67.9	68.2	75.6	72.5	167.0	149.4	168.6

Table 2.3 - Imports of energy sources (Energy unit), 2009 - 2018

ktoe

Energy source	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Fossil fuels										
Coal	347.1	409.6	409.3	452.2	439.2	478.5	498.6	573.8	886.9	795.7
Petroleum products	**1,018.4**	**1,090.9**	**1,168.0**	**1,142.7**	**1,228.0**	**1,170.9**	**1,276.7**	**1,474.0**	**1,644.5**	**1,657.6**
Gasolene	112.8	130.6	126.0	138.4	149.3	148.9	167.1	182.3	186.0	186.0
Diesel oil	290.9	313.5	313.0	316.9	339.5	306.7	321.9	342.5	350.1	333.4
Dual Purpose Kerosene	217.2	251.3	239.9	228.8	253.7	243.6	282.1	298.6	324.2	319.2
Aviation Fuel	*212.9*	*244.2*	*235.4*	*221.5*	*250.7*	*241.3*	*279.6*	*296.4*	*322.1*	*315.9*
Kerosene	*4.3*	*7.0*	*4.5*	*7.3*	*3.0*	*2.3*	*2.6*	*2.2*	*2.1*	*3.3*
Fuel oil	330.0	327.8	417.4	385.2	411.9	390.2	427.3	470.1	622.7	636.8
LPG	67.6	67.7	71.6	73.3	73.7	81.6	78.3	180.4	161.4	182.1
Total imports	**1,365.6**	**1,500.5**	**1,577.3**	**1,594.9**	**1,667.2**	**1,649.4**	**1,775.4**	**2,047.8**	**2,531.4**	**2,453.3**

Figure 2.3 - Imports of energy sources, 2009 - 2018

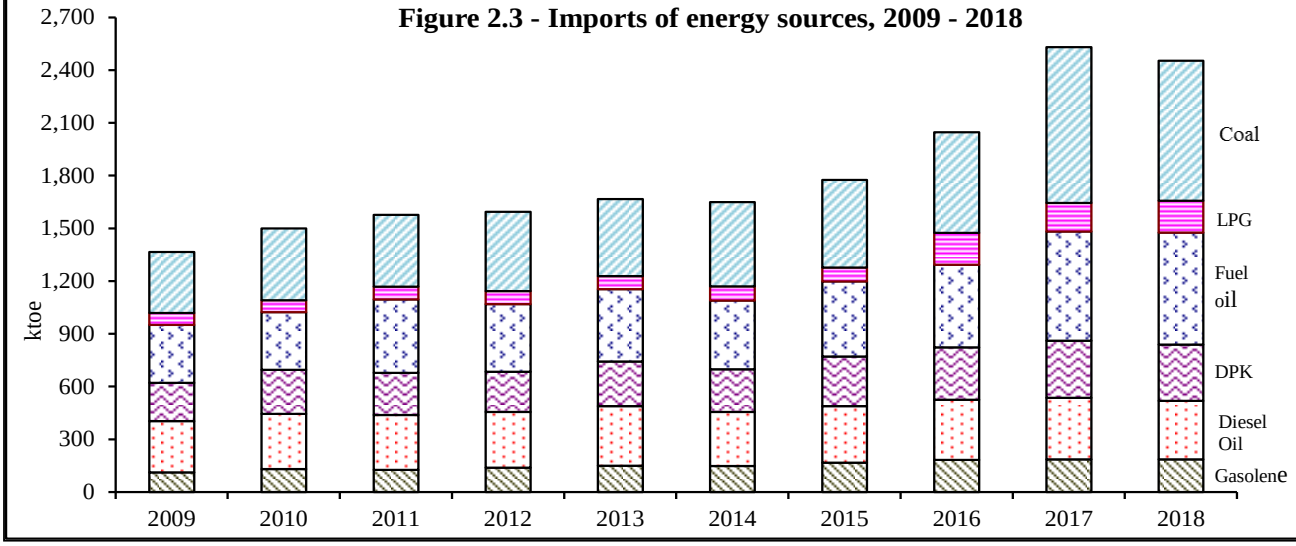


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 2009 - 2018

Tonne

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Coal	**559,900**	**660,620**	**660,157**	**729,327**	**708,334**	**771,794**	**804,233**	**925,526**	**1,430,552**	**1,283,398**
Mozambique	-	-	128,415	89,205	3,081	-	-	-	-	-
South Africa	559,900	660,620	531,742	640,108	705,240	771,744	804,233	925,525	1,349,314	1,084,280
Russian Fed	-	-	-	-	-	-	-	-	81,237	-
Indonesia	-	-	-	-	-	-	-	-	-	199,116
Other	-	-	-	14	13	50	-	1	1	3
Gasolene	**104,435**	**120,932**	**116,680**	**128,170**	**138,216**	**137,893**	**154,724**	**168,830**	**172,231**	**172,246**
India	104,435	120,932	116,680	128,170	138,216	137,882	154,724	168,819	160,205	172,225
Saudi Arabia	-	-	-	-	-	-	-	-	10,857	-
Seychelles	-	-	-	-	-	-	-	-	1,159	1
Other	-	-	-	-	-	11	-	11	10	22
Diesel	**288,015**	**310,363**	**309,892**	**313,769**	**336,102**	**303,622**	**318,704**	**339,139**	**346,678**	**330,145**
Bahrain	-	-	-	-	-	7,742	5,841	26,704	16,147	-
China	-	-	-	-	-	-	-	3,094	-	-
India	288,015	310,363	309,892	313,769	336,102	266,772	305,005	272,515	251,924	249,518
Saudi Arabia	-	-	-	-	-	-	-	22,808	45,890	40,240
Singapore	-	-	-	-	-	2,674	5,340	1,828	909	-
South Africa	-	-	-	-	-	26,434	2,517	6,160	5,243	30,782
UAE [1]	-	-	-	-	-	-	-	6,027	26,561	9,603
Other	-	-	-	-	-	0	1	3	5	1
Kerosene (excl. jet fuel)	**4,144**	**6,749**	**4,292**	**7,043**	**2,843**	**2,208**	**2,496**	**2,126**	**2,029**	**3,138**
India	4,144	6,749	4,292	7,043	2,843	2,206	2,496	2,125	1,929	2,667
Saudi Arabia	-	-	-	-	-	-	-	-	98	471
Other	-	-	-	-	-	2	0	1	2	0
Jet fuel type kerosene	**204,700**	**234,851**	**226,392**	**213,003**	**241,065**	**231,976**	**268,799**	**285,029**	**309,744**	**303,794**
India	204,700	234,851	226,392	213,003	241,065	231,975	268,798	285,029	289,971	264,874
Saudi Arabia	-	-	-	-	-	-	-	-	19,770	38,917
Other	-	-	-	-	-	1	1	-	3	3
Fuel Oil	**343,739**	**341,465**	**434,793**	**401,205**	**429,072**	**406,433**	**445,140**	**489,712**	**648,666**	**663,367**
India	343,739	341,465	434,793	401,205	429,072	381,615	398,021	351,336	327,493	254,947
Saudi Arabia	-	-	-	-	-	-	-	22,255	59,070	-
South Africa	-	-	-	-	-	-	233	51,130	177,019	205,995
UAE [1]	-	-	-	-	-	24,794	38,540	64,987	85,083	202,425
Ukraine	-	-	-	-	-	-	8,346	-	-	-
Other	-	-	-	-	-	24	0	4	1	-
LPG	**62,561**	**62,712**	**66,330**	**67,902**	**68,221**	**75,581**	**72,459**	**166,998**	**149,418**	**168,624**
Argentina	-	-	-	-	-	-	-	-	-	11,125
American Samoa	-	-	-	-	-	-	-	-	-	5,308
Australia	4,949	7,769	2,484	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	20,755	-	-
Belgium	-	-	13,633	-	-	-	-	-	-	-
Guinea	-	16,420	-	-	-	0	-	-	-	-
India	2,384	-	-	-	4,798	-	6,535	-	-	5,202
Iran	30,818	14,423	5,418	-	-	-	-	-	-	-
Madagascar	5,837	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	7,951	-	-
Mozambique	-	-	-	-	-	-	-	7,974	-	-
Nigeria	-	-	-	-	-	-	-	-	2,600	-
Russian	-	-	-	-	-	-	-	8,636	-	-
Saudi Arabia	-	2,499	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	5,011	-	27,388	64,034	-
South Africa	-	-	12	-	-	14	-	28	37	26,699
UAE [1]	14,994	19,150	44,783	67,902	63,423	70,552	65,924	74,872	73,437	68,990
United states	-	-	-	-	-	-	-	19,384	9,296	32,355
United Kingdom	-	-	-	-	-	-	-	-	-	18,921
Vietnam	3,579	-	-	-	-	-	-	-	-	-
Other	-	2,451	-	-	-	4	-	10	14	26

[1] United Arab Emirates

Table 2.5 - Imports value of energy sources by country of origin, 2009 - 2018

Value (c.i.f): Rs(000)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Coal	**1,792,027**	**2,324,445**	**2,641,252**	**2,559,336**	**2,119,838**	**2,132,777**	**1,900,231**	**1,894,546**	**2,861,104**	**2,566,797**
Mozambique	-	-	509,746	326,700	9,306	-	-	-	-	-
South Africa	1,792,027	2,324,445	2,131,506	2,232,593	2,110,493	2,132,650	1,900,231	1,893,584	2,698,628	2,168,560
Russian Fed.	-	-	-	-	-	-	-	-	162,474	-
Indonesia	-	-	-	-	-	-	-	-	-	398,232
Other	-	-	-	43	39	127	-	962	2	5
Gasolene	**2,022,369**	**3,084,361**	**3,431,101**	**4,113,372**	**4,424,210**	**4,094,146**	**3,388,246**	**3,066,667**	**3,624,814**	**4,502,063**
India	2,022,369	3,084,361	3,431,101	4,113,372	4,424,210	4,093,822	3,388,246	3,066,404	3,332,028	4,500,954
Saudi Arabia	-	-	-	-	-	-	-	-	261,184	-
Seychelles	-	-	-	-	-	-	-	-	31,340	35
Other	-	-	-	-	-	324	-	263	261	1,073
Diesel	**4,852,942**	**6,945,099**	**8,685,719**	**9,545,424**	**10,213,648**	**8,452,912**	**6,071,152**	**5,349,150**	**6,206,207**	**7,884,591**
Bahrain	-	-	-	-	-	220,750	151,350	523,757	285,956	-
China	-	-	-	-	-	-	-	51,695	-	-
India	4,852,942	6,945,099	8,685,719	9,545,424	10,213,648	7,410,616	5,707,529	4,135,579	4,453,245	6,040,997
Saudi Arabia	-	-	-	-	-	-	-	404,251	892,376	913,782
Singapore	-	-	-	-	-	73,321	144,810	29,850	14,642	-
South Africa	-	-	-	-	-	748,216	67,435	100,575	93,255	658,689
UAE [1]	-	-	-	-	-	-	-	103,362	466,631	271,084
Other	-	-	-	-	-	9	27	80	102	38
Kerosene (excl. jet fuel)	**77,095**	**154,537**	**108,353**	**215,562**	**88,155**	**62,030**	**47,608**	**34,095**	**37,732**	**73,482**
India	77,095	154,537	108,353	215,562	88,155	61,978	47,594	34,055	35,686	63,167
Saudi Arabia	-	-	-	-	-	-	-	-	1,987	10,309
Other	-	-	-	-	-	48	7	34	60	6
Jet fuel type kerosene	**3,579,294**	**5,464,992**	**6,190,950**	**6,600,932**	**7,482,847**	**6,526,777**	**5,192,447**	**4,541,894**	**5,782,081**	**7,381,728**
India	3,579,294	5,464,992	6,190,950	6,600,932	7,482,847	6,526,748	5,192,417	4,541,877	5,379,062	6,505,800
Saudi Arabia	-	-	-	-	-	-	-	-	402,946	875,856
Other	-	-	-	-	-	29	30	16	73	72
Fuel Oil	**4,353,206**	**5,112,788**	**8,022,088**	**8,233,892**	**8,498,585**	**7,570,756**	**5,162,134**	**4,496,412**	**8,032,961**	**11,627,281**
India	4,353,206	5,112,788	8,022,088	8,233,892	8,498,585	7,091,145	4,608,773	3,067,110	3,904,788	4,361,893
Saudi Arabia	-	-	-	-	-	-	-	260,534	840,349	-
South Africa	-	-	-	-	-	-	3,232	510,946	2,246,717	3,580,084
UAE [1]	-	-	-	-	-	479,105	417,191	657,746	1,041,094	3,685,302
Ukraine	-	-	-	-	-	-	132,926	-	-	-
Other	-	-	-	-	-	505	12	76	14	2
LPG	**1,322,175**	**1,634,513**	**1,894,466**	**2,152,059**	**2,087,935**	**2,306,709**	**1,390,637**	**2,227,002**	**2,860,631**	**3,517,087**
Argentina		-	-	-	-	-	-	-	-	200,075
American Samoa		-	-	-	-	-	-	-	-	116,469
Australia	90,435	188,800	74,308	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	241,521	-	-
Belgium	-	-	404,325	-	-	-	-	-	-	-
Guinea	-	393,192	-	-	-	69	-	-	-	-
India	63,092	-	-	-	135,982	-	127,016	-	-	85,993
Iran	710,991	386,745	138,978	-	-	-	-	-	-	-
Madagascar	103,464	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	92,892	-	-
Mozambique	-	-	-	-	-	-	-	110,739	-	-
Nigeria	-	-	-	-	-	-	-	-	56,345	-
Russian	-	-	-	-	-	-	-	98,641	-	-
Saudi Arabia	-	61,680	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	316,516	-	392,599	1,298,427	-
South Africa	-	-	329	-	-	393	-	928	995	511,717
UAE [1]	278,968	543,290	1,276,527	2,152,059	1,951,953	1,989,543	1,263,621	1,035,992	1,347,138	1,434,051
United states	-	-	-	-	-	-	-	253,287	157,338	766,025
United Kingdom										401,956
Vietnam	75,226	-	-	-	-	-	-	-	-	-
Other	-	60,806	-	-	-	189	-	402	388	802
All energy	**17,999,106**	**24,720,735**	**30,973,930**	**33,420,577**	**34,915,218**	**31,146,106**	**23,152,454**	**21,609,764**	**29,405,531**	**37,553,028**
Percentage of total imports value	15.2%	18.3%	20.9%	20.8%	21.1%	18.1%	13.8%	13.1%	16.3%	19.5%

[1] United Arab Emirates

Figure 2.4 - Import value of energy sources as a percentage of total imports value, 2009 - 2018

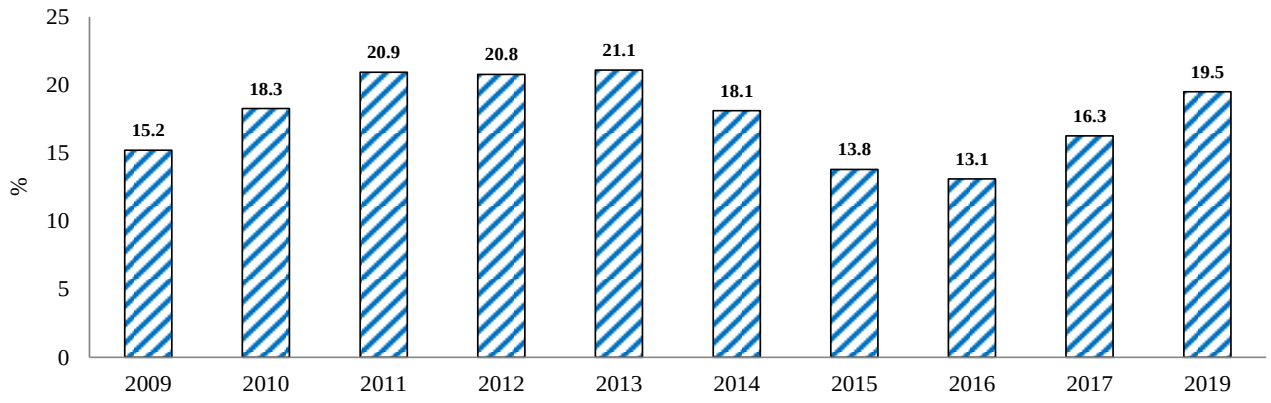


Table 2.6 - Re-exports and bunkering of energy sources, 2009 - 2018

Energy		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
		Thousand tonne									
Bunkering:	Aviation fuel for foreign aircraft	112.7	115.0	118.7	110.3	115.9	121.7	141.9	141.6	153.8	156.0
	Diesel oil	108.6	113.2	100.2	102.7	114.1	116.7	116.0	119.9	128.7	146.1
	Fuel oil	107.7	123.4	185.0	163.3	156.1	170.6	166.8	217.0	340.8	436.0
Re-export:	LPG	-	-	-	-	-	-	-	82.7	-	-
		Ktoe									
Bunkering:	Aviation fuel for foreign aircraft	117.2	119.6	123.5	114.7	120.5	126.6	147.5	147.3	159.9	162.3
	Diesel oil	109.7	114.3	101.2	103.7	115.2	117.8	117.1	121.1	130.0	147.5
	Fuel oil	103.4	118.5	177.6	156.8	149.8	163.7	160.2	208.3	327.1	418.6
Re-export:	LPG	-	-	-	-	-	-	-	89.3	-	-
Total		**330.3**	**352.4**	**402.3**	**375.2**	**385.6**	**408.2**	**424.8**	**566.0**	**617.0**	**728.4**
		Percentage share (%)									
Bunkering:	Aviation fuel for foreign aircraft	35.5	33.9	30.7	30.6	31.3	31.0	34.7	26.0	25.9	22.3
	Diesel oil	33.2	32.4	25.2	27.6	29.9	28.9	27.6	21.4	21.1	20.2
	Fuel oil	31.3	33.6	44.2	41.8	38.9	40.1	37.7	36.8	53.0	57.5
Re-export:	LPG	-	-	-	-	-	-	-	15.8	-	-
Total		**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Figure 2.5 - Re-exports and bunkering of energy sources (Ktoe), 2009 - 2018

Table 2.7 - Average import price of energy sources by country of origin, 2009 - 2018

Value (c.i.f): Rs/tonne

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Coal	**3,201**	**3,519**	**4,001**	**3,509**	**2,993**	**2,763**	**2,363**	**2,047**	**2,000**	**2,000**
Mozambique	-	-	3,970	3,662	3,020	-	-	-	-	-
South Africa	3,201	3,519	4,009	3,488	2,993	2,763	2,363	2,046	2,000	2,000
Russian Fed	-	-	-	-	-	-	-	-	2,000	-
Indonesia	-	-	-	-	-	-	-	-	-	2,000
Gasolene	**19,365**	**25,505**	**29,406**	**32,093**	**32,009**	**29,691**	**21,899**	**18,164**	**21,046**	**26,137**
India	19,365	25,505	29,406	32,093	32,009	29,691	21,899	18,164	20,799	26,134
Saudi Arabia	-	-	-	-	-	-	-	-	24,057	-
Seychelles	-	-	-	-	-	-	-	-	27,046	35,000
Diesel	**16,850**	**22,377**	**28,028**	**30,422**	**30,389**	**27,840**	**19,050**	**15,773**	**17,902**	**23,882**
Bahrain	-	-	-	-	-	28,513	25,912	19,613	17,710	-
India	16,850	22,377	28,028	30,422	30,389	27,779	18,713	15,176	17,677	24,211
Saudi Arabia	-	-	-	-	-	-	-	17,724	19,446	22,708
Singapore	-	-	-	-	-	27,420	27,118	16,330	16,101	-
South Africa	-	-	-	-	-	28,306	26,792	16,327	17,788	21,399
UAE [1]	-	-	-	-	-	-	-	17,150	17,568	28,229
Kerosene (excl. jet fuel)	**18,604**	**22,898**	**25,245**	**30,606**	**31,008**	**28,096**	**19,071**	**16,037**	**18,597**	**23,417**
India	18,604	22,898	25,245	30,606	31,008	28,095	19,068	16,026	18,498	23,685
Saudi Arabia	-	-	-	-	-	-	-	-	20,373	21,887
Jet fuel type kerosene	**17,486**	**23,270**	**27,390**	**30,990**	**31,041**	**28,136**	**19,317**	**15,935**	**18,667**	**24,298**
India	17,486	23,270	27,390	30,990	31,041	28,136	19,317	15,935	18,550	24,562
Saudi Arabia	-	-	-	-	-	-	-	-	20,382	22,506
Fuel Oil	**12,664**	**14,973**	**18,450**	**20,523**	**19,807**	**18,627**	**11,597**	**9,182**	**12,384**	**17,528**
India	12,664	14,973	18,450	20,523	19,807	18,582	11,579	8,730	11,923	17,109
Saudi Arabia	-	-	-	-	-	-	-	11,707	14,226	-
South Africa	-	-	-	-	-	-	13,869	9,993	12,692	17,379
UAE [1]	-	-	-	-	-	19,323	10,825	10,121	12,236	18,206
Ukraine	-	-	-	-	-	-	15,927	-	-	-
LPG	**21,134**	**26,064**	**28,561**	**31,694**	**30,605**	**30,520**	**19,192**	**13,335**	**19,145**	**20,858**
Argentina	-	-	-	-	-	-	-	-	-	17,984
American Samoa	-	-	-	-	-	-	-	-	-	21,942
Australia	18,273	24,302	29,914	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	11,637	-	-
Belgium	-	-	29,658	-	-	-	-	-	-	-
Guinea	-	19,880	-	-	-	264,263	-	-	-	-
India	26,465	-	-	-	28,341	-	19,436	-	-	16,531
Iran	23,071	16,917	25,651	-	-	-	-	-	-	-
Madagascar	17,725	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	11,683	-	-
Mozambique	-	-	-	-	-	-	-	13,888	-	-
Nigeria	-	-	-	-	-	-	-	-	21,670	-
Russian	-	-	-	-	-	-	-	11,422	-	-
Saudi Arabia	-	24,682	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	63,159	-	14,335	20,277	-
South Africa	-	-	28,129	-	-	28,999	-	33,128	26,903	19,166
UAE [1]	18,605	24,916	28,505	31,694	30,777	28,200	19,168	13,837	18,344	20,786
United States	-	-	-	-	-	-	-	13,067	16,925	23,676
United Kingdom										21,244
Vietnam	21,019	-	-	-	-	-	-	-	-	-

[1] United Arab Emirates

Figure 2.6 - Average import price of energy sources, 2009 - 2018

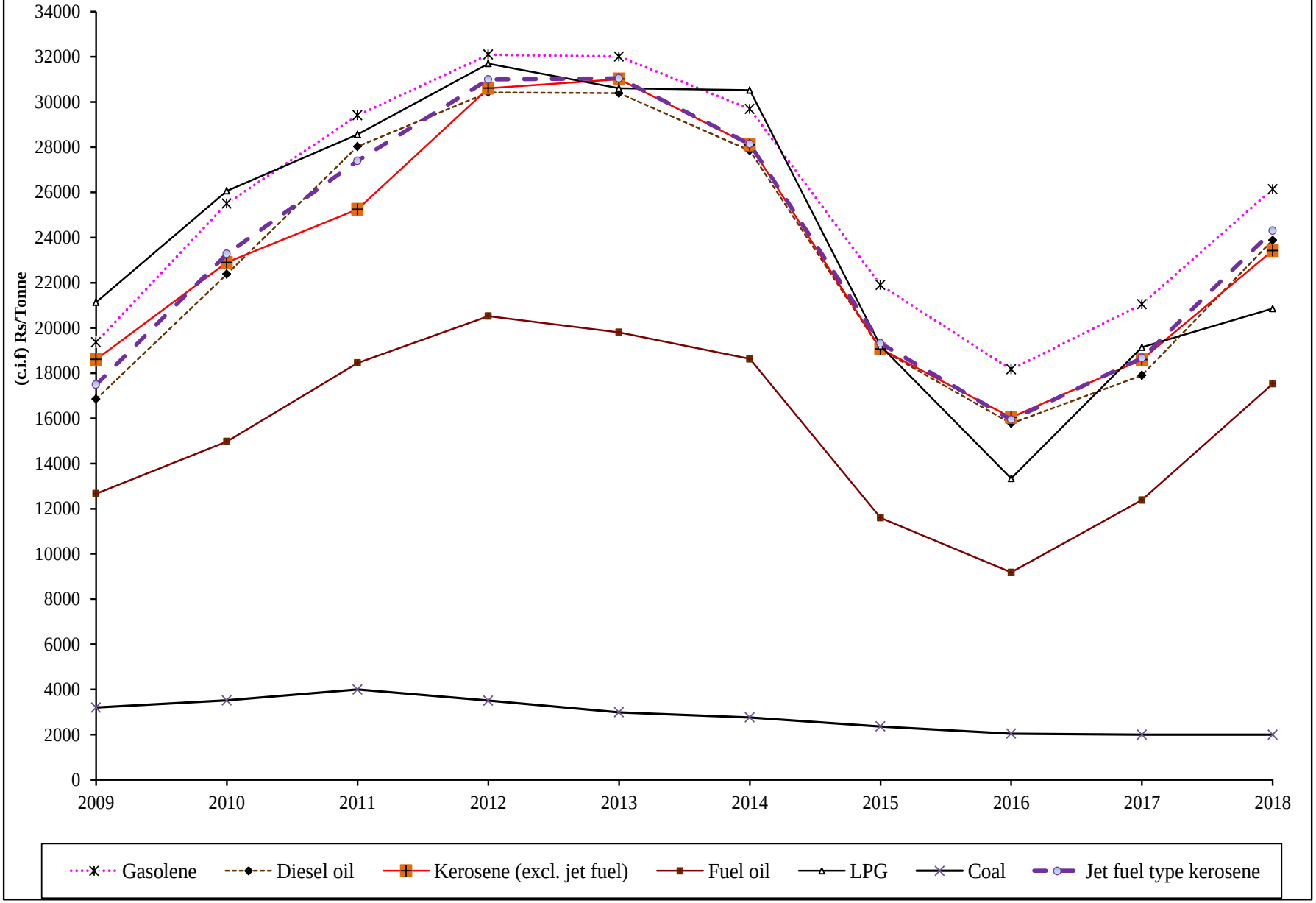
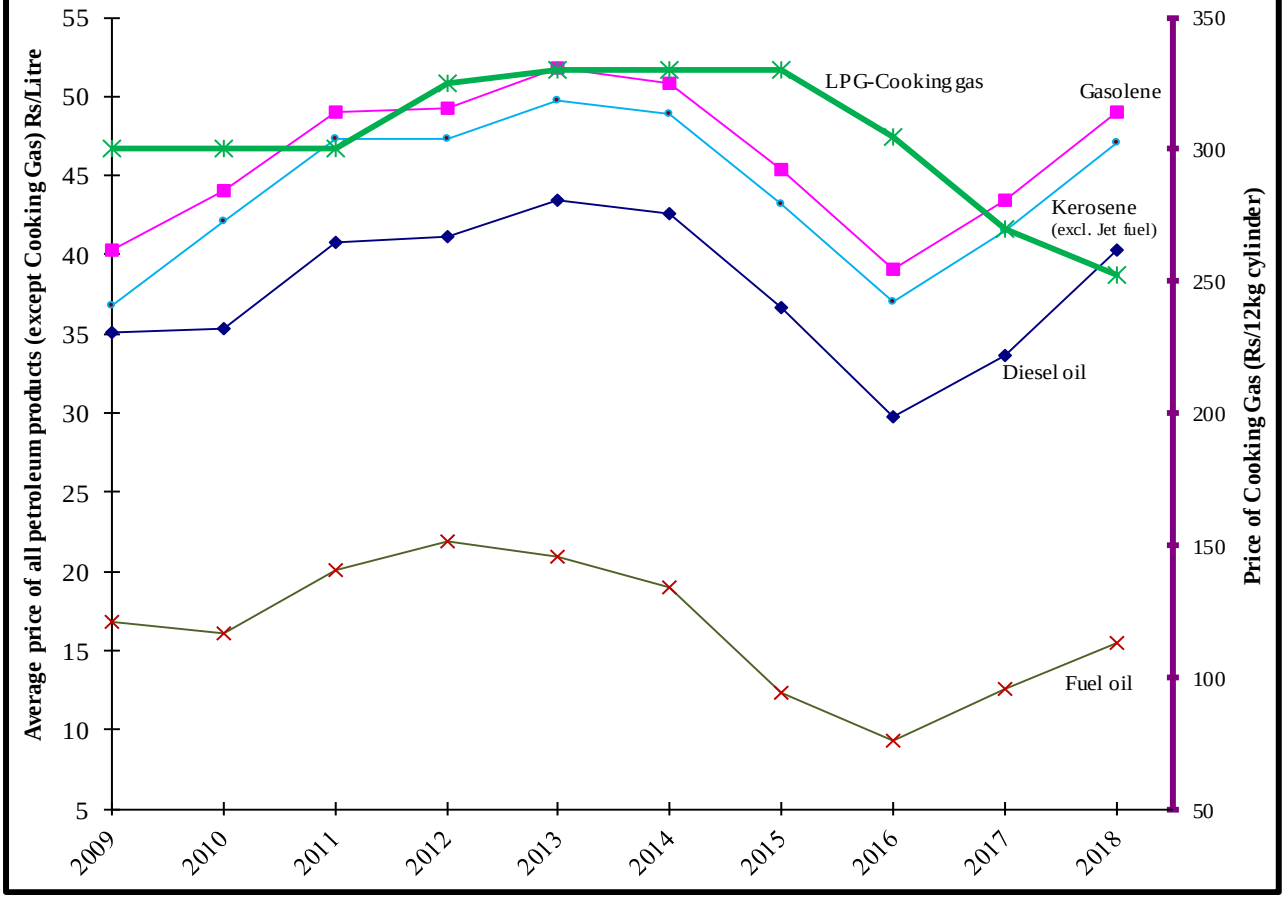


Table 2.8 - Average price (Rupees) of petroleum products and coal used as energy sources, 2009 - 2018

Energy sources	Unit	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Average retail price of petroleum products - Rupees											
Gasolene	1 Litre	40.28	44.09	49.01	49.30	51.76	50.84	45.35	39.06	43.50	49.06
Diesel oil	1 Litre	35.05	35.29	40.79	41.20	43.49	42.55	36.67	29.77	33.64	40.33
Kerosene (excl. jet fuel)	1 Litre	36.78	42.12	47.33	47.30	49.76	48.84	43.18	37.06	41.50	47.06
Fuel Oil [1]	1 Litre	16.80	16.14	20.10	21.88	20.88	18.96	12.27	9.34	12.60	15.42
LPG - Cooking Gas	12 Kg	300.00	300.00	300.00	325.00	330.00	330.00	330.00	305.00	270.00	252.50
LPG- Auto Gas	1 Litre	24.53	26.40	30.88	33.40	34.86	34.78	33.95	23.02	25.37	*NA*
Average wholesale price of coal - Rupees											
Coal	Tonne	3,691	4,115	4,758	4,360	3,847	3,574	3,220	3,618	4,171	4,591

[1] *Not retail price but sales price of STC* *NA: Not available*

Figure 2.7 - Average Retail price (Rupees) of petroleum products, 2009 - 2018



Source: Consumer Price Index Unit

Section III

Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation, sales and total consumption of electricity, 2009 - 2018

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				
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	2,562.40
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	2,611.13	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	2,679.23	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	2,729.94	2,505.43	2,771.07
2016	796.9	13.9	718.6	13.1	467.9	7.6	99.50	17.95	30.30	18.70	2,875.74	3,042.19	2,778.26	2,558.65	2,818.70
2017	821.0	13.9	763.5	13.1	461.5	7.6	89.81	14.61	39.19	16.92	2,959.19	3,119.71	2,853.36	2,618.12	2,879.71
2018	859.2	13.9	801.5	13.1	468.2	8.1	124.54	15.07	49.42	22.63	2,919.98	3,131.64	2,864.07	2,650.25	2,917.75

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

[1] Includes plant capacity for electricity not exported to CEB

Figure 3.1 - Plant capacity and peak power demand, 2009-2018, Island of Mauritius

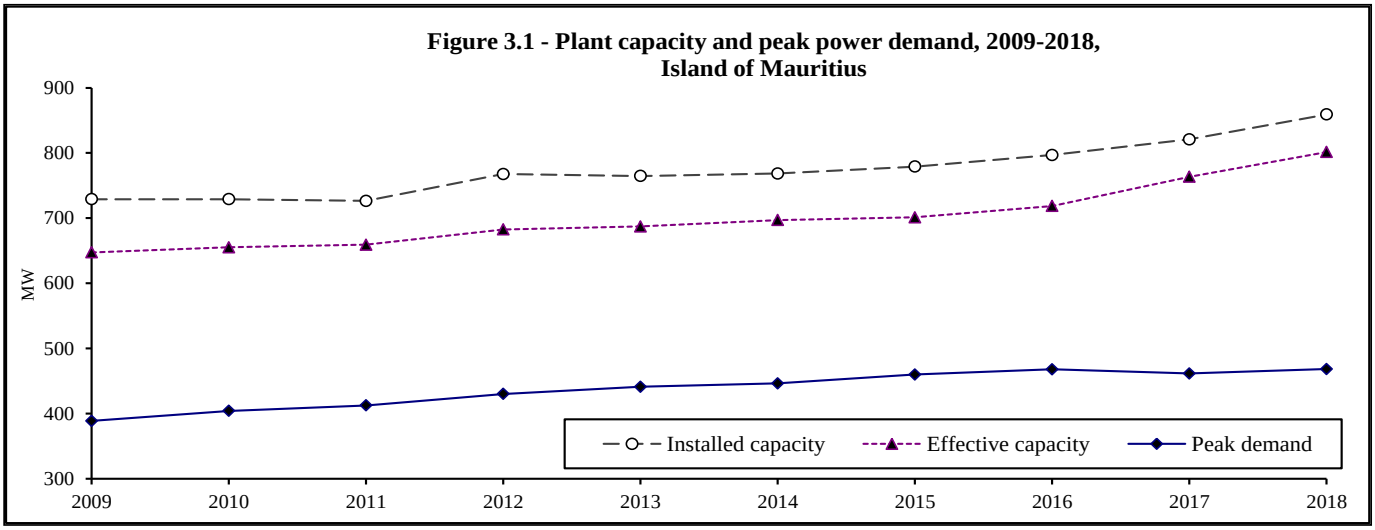


Figure 3.2 - Plant capacity and peak power demand, 2009-2018, Island of Rodrigues

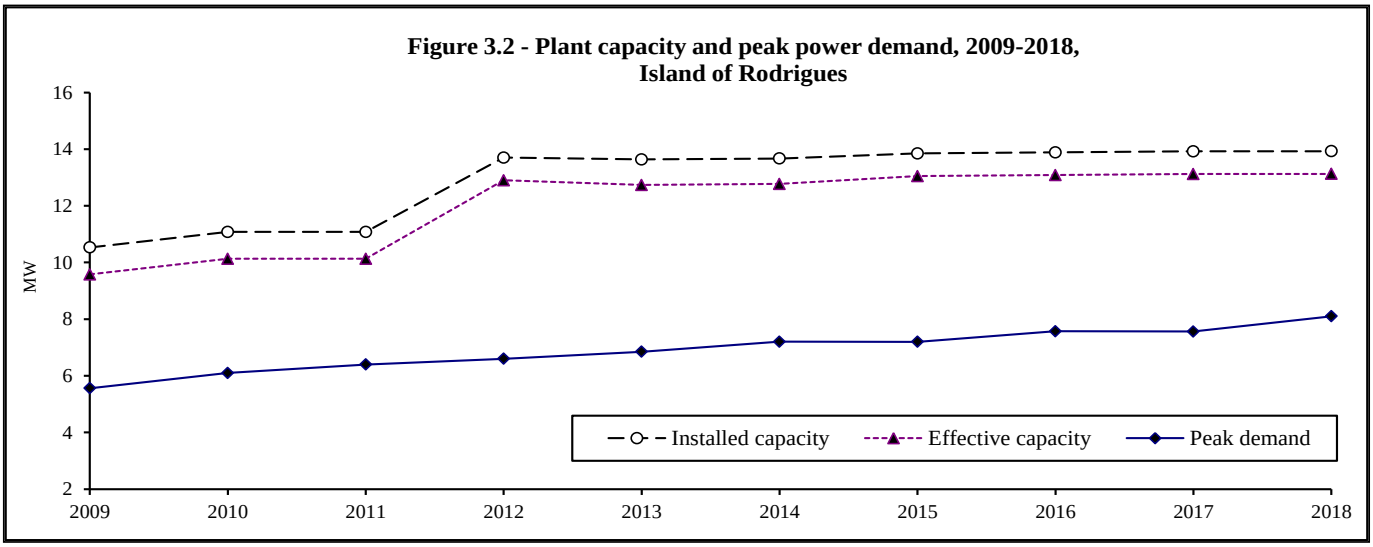


Table 3.2 Plant Capacity, 2018

Plant capacity (MW)	Installed	Effective	Plant capacity (MW)	Installed	Effective
Central Electricity Board (CEB)					
Hydro:			**Thermal:**		
Island of Mauritius	***60.44***	***56.30***	***Island of Mauritius***	***438.00***	***426.00***
Champagne	30.00	28.00	St Louis	110.00	110.00
Ferney	10.00	10.00	Fort Victoria	109.60	107.00
Tamarind Falls	11.40	9.50	Nicolay	78.40	75.00
Le Val	4.00	4.00	Fort George	140.00	134.00
Reduit	1.20	1.00	***Island of Rodrigues***	***12.40***	***11.60***
La Ferme	1.20	1.20			
Cascade Cecile	1.00	1.00	**Photovoltaic:**		
Magenta	0.94	0.90	***Island of Mauritius***	***0.01***	***0.01***
La Nicoliere F.C	0.35	0.35	Fort George	0.005	0.005
Midlands Dam	0.35	0.35	Fort Victoria	0.005	0.005
			Island of Rodrigues	***0.05***	***0.05***
Wind:			CEB-PV Plant	0.05	0.05
Island of Rodrigues	***1.28***	***1.28***			
Independent Power Producers (IPP)					
Photovoltaic:			**Thermal:**		
Island of Mauritius	***66.63***	***65.65***	***Island of Mauritius***	***284.75***	***244.20***
Island of Rodrigues	***0.20***	***0.20***	**Firm producers**[1]	**258.80**	**224.80**
			Alteo Energy Ltd (F.U.E.L)	*36.70*	*33.00*
			Terragen (CTBV)	*71.20*	*62.00*
Wind:			*Alteo Beau Champ (CEL)*	*28.40*	*25.80*
			Omnicane Thermal Energy Operation:		
Island of Mauritius	***9.35***	***9.35***			
(EOLE-Plaine des Roches)	9.35	9.35	*- St Aubin (CTDS)*	*32.50*	*30.00*
			- La Barracks (CTSAV)	*90.00*	*74.00*
			Continuous producers[2]	**22.50**	**16.40**
			Medine	*22.50*	*16.40*
			Landfill gas (Sotravic Ltd)	**3.45**	**3.00**
1. Island of Mauritius				**859.18**	**801.51**
Central Electricity Board				498.45	482.31
Independent Power Producers				360.73	319.20
2. Island of Rodrigues				**13.93**	**13.13**
Central Electricity Board				13.73	12.93
Independent Power Producers				0.20	0.20
Grand Total				**873.10**	**814.64**

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

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

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

Table 3.3 - Electricity Generation by source of energy, 2009 - 2018

GWh

Source of energy	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Primary Energy										
Republic of Mauritius	**123.9**	**103.2**	**62.5**	**96.3**	**121.2**	**140.0**	**170.8**	**166.5**	**160.5**	**211.6**
Hydro	122.4	100.7	56.5	74.1	94.8	90.8	121.9	99.5	89.8	124.5
Landfill gas	0.0	0.0	3.1	17.8	20.0	21.3	20.4	18.7	16.9	22.6
Photovoltaic	0.0	0.0	0.0	0.9	2.7	24.6	25.9	30.3	39.2	49.4
Wind	1.5	2.5	2.8	3.6	3.6	3.2	2.7	18.0	14.6	15.1
Island of Mauritius	**122.4**	**100.7**	**59.6**	**92.8**	**117.5**	**136.6**	**168.0**	**162.7**	**157.5**	**208.8**
Hydro	122.4	100.7	56.5	74.1	94.8	90.8	121.9	99.5	89.8	124.5
Landfill gas	-	-	3.1	17.8	20.0	21.3	20.4	18.7	16.9	22.6
Photovoltaic	-	-	-	0.9	2.7	24.5	25.7	30.0	38.9	49.1
Wind	-	-	-	-	-	-	-	14.5	11.9	12.6
Island of Rodrigues	**1.5**	**2.5**	**2.8**	**3.6**	**3.6**	**3.3**	**2.8**	**3.8**	**3.0**	**2.8**
Photovoltaic	-	-	-	-	0.0	0.1	0.2	0.3	0.3	0.3
Wind	1.5	2.5	2.8	3.6	3.6	3.2	2.7	3.5	2.7	2.5
Secondary Energy										
Republic of Mauritius	**2,453.5**	**2,585.5**	**2,676.1**	**2,700.8**	**2,764.1**	**2,797.0**	**2,824.8**	**2,875.7**	**2,959.2**	**2,920.0**
Gas turbine (kerosene)	15.3	18.9	11.6	11.0	1.7	2.0	2.0	2.1	2.7	1.8
Diesel & Fuel oil	938.0	976.6	1,058.7	1,057.0	1,076.1	1,079.3	1,131.2	1,109.8	1,181.3	1,221.6
Coal	1,015.3	1,115.9	1,119.4	1,162.3	1,213.6	1,259.5	1,181.7	1,266.8	1,312.0	1,259.5
Bagasse	485.0	474.1	486.5	470.5	472.8	456.2	509.8	497.0	463.2	437.1
Island of Mauritius	**2,423.3**	**2,555.9**	**2,645.8**	**2,670.8**	**2,732.1**	**2,762.9**	**2,788.0**	**2,838.8**	**2,920.2**	**2,879.8**
Gas turbine (kerosene)	15.3	18.9	11.6	11.0	1.7	2.0	2.0	2.1	2.7	1.8
Diesel & Fuel oil	907.8	947.0	1,028.4	1,027.0	1,044.1	1,045.2	1,094.5	1,072.9	1,142.3	1,181.4
Coal	1,015.3	1,115.9	1,119.4	1,162.3	1,213.6	1,259.5	1,181.7	1,266.8	1,312.0	1,259.5
Bagasse	485.0	474.1	486.5	470.5	472.8	456.2	509.8	497.0	463.2	437.1
Island of Rodrigues	**30.2**	**29.6**	**30.3**	**30.0**	**32.0**	**34.1**	**36.8**	**37.0**	**39.0**	**40.2**
Diesel & Fuel oil	30.2	29.6	30.3	30.0	32.0	34.1	36.8	37.0	39.0	40.2
Total	**2,577.4**	**2,688.7**	**2,738.6**	**2,797.1**	**2,885.3**	**2,936.9**	**2,995.6**	**3,042.2**	**3,119.7**	**3,131.6**

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

Figure 3.3 - Electricity generation by source of energy, 2009 - 2018

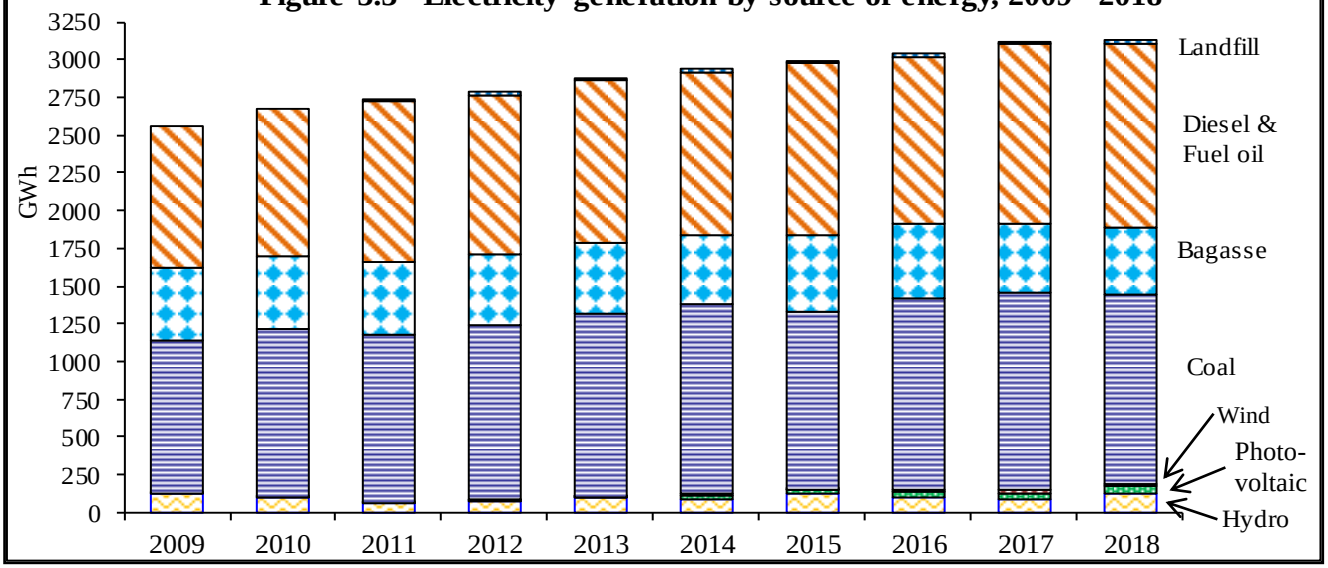


Table 3.4 - Electricity Exported to Central Electricity Board by energy source, 2009 - 2018

GWh

Source of energy	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Republic of Mauritius	**1228.6**	**1309.4**	**1336.7**	**1383.4**	**1434.9**	**1504.0**	**1472.1**	**1563.3**	**1576.8**	**1513.6**
of which renewables	*353.6*	*342.8*	*355.7*	*362.1*	*367.8*	*378.6*	*425.4*	*428.0*	*400.9*	*390.0*
Landfill gas	-	-	3.1	17.8	20.0	21.3	20.4	18.7	16.9	22.6
Photovoltaic	-	-	-	0.3	1.3	22.7	23.8	26.4	34.4	43.0
Wind	-	-	-	-	0.0	0.0	0.0	14.5	11.9	12.6
Coal	875.0	966.6	981.0	1021.4	1067.2	1125.4	1046.8	1135.3	1176.0	1123.6
Bagasse	353.6	342.8	352.6	344.0	346.5	334.5	381.2	368.4	337.7	311.8
Island of Mauritius	**1228.6**	**1309.4**	**1336.7**	**1383.4**	**1434.9**	**1503.9**	**1472.0**	**1563.1**	**1576.6**	**1513.4**
Landfill gas	-	-	3.1	17.8	20.0	21.3	20.4	18.7	16.9	22.6
Photovoltaic	-	-	-	0.3	1.2	22.6	23.7	26.2	34.2	42.8
Wind	-	-	-	-	-	-	-	14.5	11.9	12.6
Coal	875.0	966.6	981.0	1,021.4	1,067.2	1,125.4	1,046.8	1,135.3	1,176.0	1,123.6
Bagasse	353.6	342.8	352.6	344.0	346.5	334.5	381.2	368.4	337.7	311.8
Island of Rodrigues	**-**	**-**	**-**	**-**	**0.01**	**0.09**	**0.12**	**0.20**	**0.22**	**0.20**
Photovoltaic	-	-	-	-	0.01	0.09	0.12	0.20	0.22	0.20

Source: Central Electricity Board

Table 3.5 - Generation of electricity by Central Electricity Board and Independent Power Producers, 2009 - 2018

GWh

Power station	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Central Electricity Board										
Republic of Mauritius	**1,077.2**	**1,098.8**	**1,129.6**	**1,145.7**	**1,176.2**	**1,175.3**	**1,257.8**	**1,214.9**	**1,276.5**	**1,350.5**
Island of Mauritius	**1,045.5**	**1,066.7**	**1,096.4**	**1,112.1**	**1,140.6**	**1,138.0**	**1,218.4**	**1,174.5**	**1,234.8**	**1,307.8**
Hydro	122.4	100.7	56.5	74.1	94.8	90.8	121.9	99.5	89.8	124.5
Thermal	923.0	966.0	1,040.0	1,038.0	1,045.8	1,047.2	1,096.5	1,075.0	1,144.9	1,183.2
Photovoltaic	-	-	-	-	-	-	-	0.0	0.0	0.0
Island of Rodrigues	**31.7**	**32.1**	**33.1**	**33.6**	**35.6**	**37.3**	**39.5**	**40.5**	**41.7**	**42.7**
Wind & Photovoltaic	1.5	2.5	2.8	3.6	3.6	3.2	2.7	3.5	2.7	2.5
Thermal	30.2	29.6	30.3	30.0	32.0	34.1	36.8	37.0	39.0	40.2
Independent Power Producer										
Republic of Mauritius	**1,500.3**	**1,589.9**	**1,609.0**	**1,651.5**	**1,709.1**	**1,761.7**	**1,737.8**	**1,827.2**	**1,843.2**	**1,781.1**
of which: exported to CEB	*1,228.6*	*1,309.4*	*1,336.7*	*1,383.4*	*1,434.9*	*1,504.0*	*1,472.1*	*1,563.3*	*1,576.8*	*1,513.6*
Island of Mauritius	**1,500.3**	**1,589.9**	**1,609.0**	**1,651.5**	**1,709.0**	**1,761.5**	**1,737.6**	**1,827.0**	**1,842.9**	**1,780.9**
Photovoltaic	-	-	-	0.9	2.7	24.5	25.7	30.0	38.9	49.1
Wind	-	-	-	-	-	-	-	14.5	11.9	12.6
Thermal:	1,500.3	1,589.9	1,609.0	1,650.6	1,706.4	1,737.1	1,711.9	1,782.5	1,792.1	1,719.2
Coal	*1,015.3*	*1,115.9*	*1,119.4*	*1,162.3*	*1,213.6*	*1,259.5*	*1,181.7*	*1,266.8*	*1,312.0*	*1,259.5*
Bagasse	*485.0*	*474.1*	*486.5*	*470.5*	*472.8*	*456.2*	*509.8*	*497.0*	*463.2*	*437.1*
Landfill gas	*-*	*-*	*3.1*	*17.8*	*20.0*	*21.3*	*20.4*	*18.7*	*16.9*	*22.6*
Island of Rodrigues	**-**	**-**	**-**	**0.0**	**0.02**	**0.14**	**0.16**	**0.27**	**0.30**	**0.20**
Photovoltaic	-	-	-	0.0	0.02	0.14	0.16	0.27	0.30	0.20
of which: exported to CEB	*-*	*-*	*-*	*-*	*0.01*	*0.09*	*0.12*	*0.20*	*0.22*	*0.20*
Total Electricity Generated	**2,577.4**	**2,688.7**	**2,738.6**	**2,797.1**	**2,885.3**	**2,936.9**	**2,995.6**	**3,042.2**	**3,119.7**	**3,131.6**
of which renewables	*608.9*	*577.3*	*548.9*	*566.8*	*594.0*	*596.2*	*680.6*	*663.4*	*623.7*	*648.7*
Republic of Mauritius										
Total available for sales	**2,305.8**	**2,408.1**	**2,466.3**	**2,529.1**	**2,611.1**	**2,679.2**	**2,729.9**	**2,778.3**	**2,853.4**	**2,864.1**
of which renewables	*477.5*	*446.0*	*415.0*	*439.7*	*466.2*	*472.6*	*549.9*	*531.0*	*493.4*	*517.0*

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

Figure 3.4 - Generation of electricity by CEB and IPP (export to CEB) , 2009 - 2018

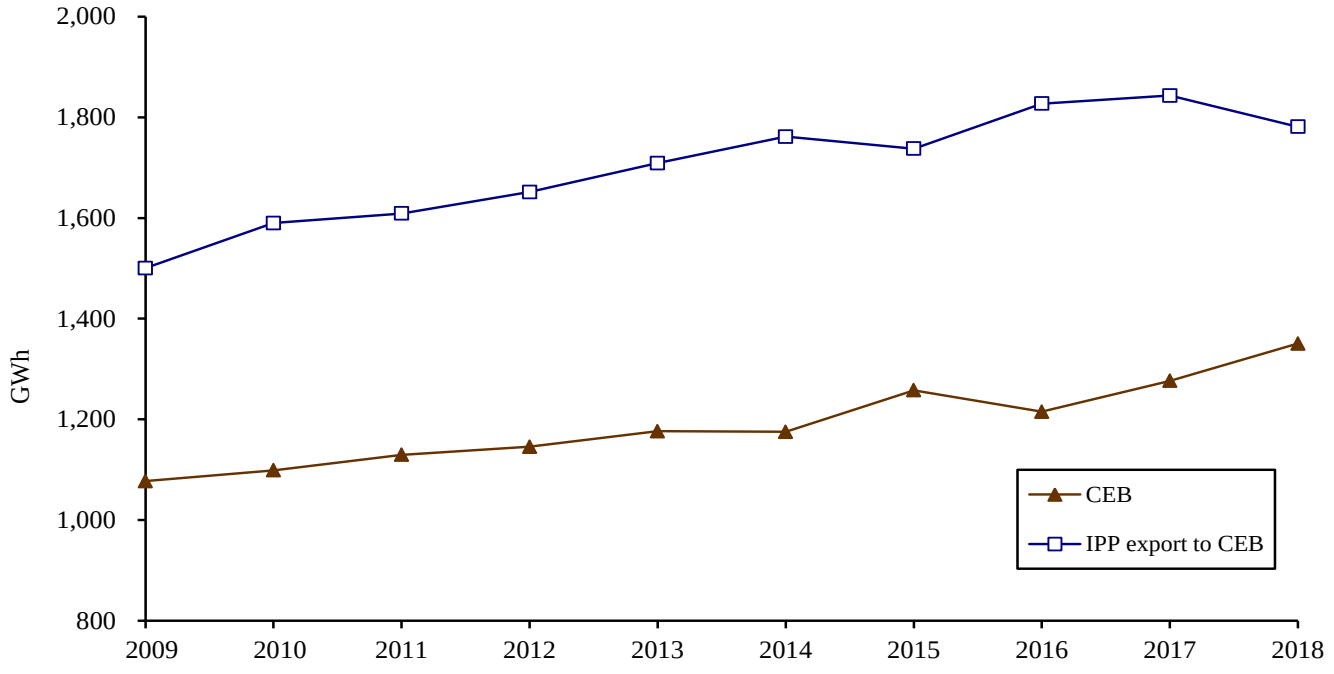


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 2009 - 2018

%

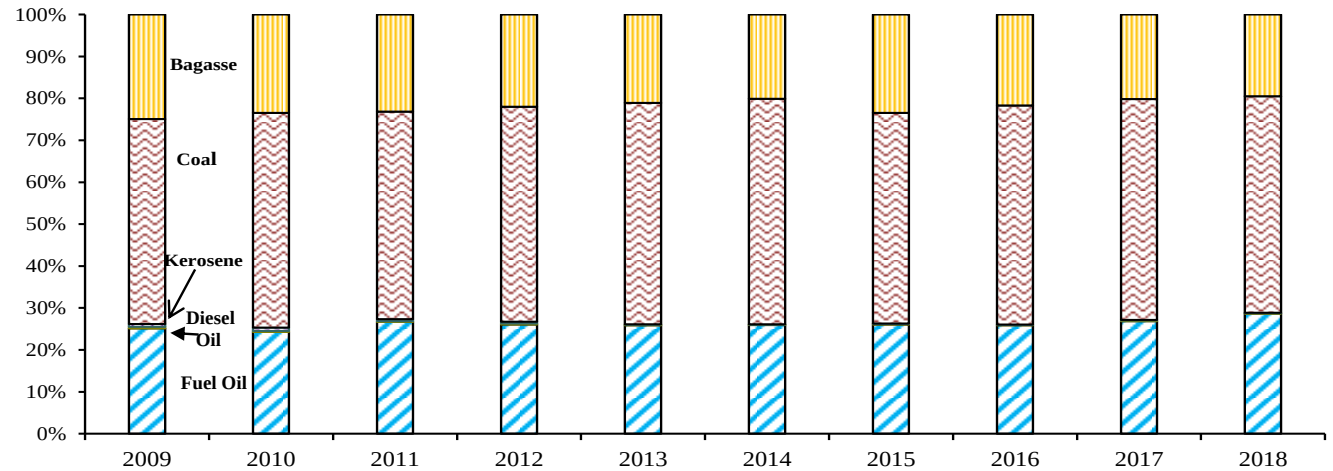
Power station	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Central Electricity Board										
Republic of Mauritius	**41.8**	**40.9**	**41.2**	**41.0**	**40.8**	**40.0**	**42.0**	**39.9**	**40.9**	**43.1**
Island of Mauritius	**40.6**	**39.7**	**40.0**	**39.8**	**39.5**	**38.7**	**40.7**	**38.6**	**39.6**	**41.8**
Hydro	4.7	3.7	2.1	2.6	3.3	3.1	4.1	3.3	2.9	4.0
Thermal	35.8	35.9	38.0	37.1	36.2	35.7	36.6	35.3	36.7	37.8
Photovoltaic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Island of Rodrigues	***1.2***	***1.2***	***1.2***	***1.2***	***1.2***	***1.3***	***1.3***	***1.3***	***1.3***	***1.4***
Wind & Photovoltaic	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Thermal	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3
Independent Power Producer										
Republic of Mauritius	**58.2**	**59.1**	**58.8**	**59.0**	**59.2**	**60.0**	**58.0**	**60.1**	**59.1**	**56.9**
of which: exported to CEB	*47.7*	*48.7*	*48.8*	*49.5*	*49.7*	*51.2*	*49.1*	*51.4*	*50.5*	*48.3*
Island of Mauritius	***58.2***	***59.1***	***58.8***	***59.0***	***59.2***	***60.0***	***58.0***	***60.1***	***59.1***	***56.9***
Photovoltaic	-	-	-	0.0	0.1	0.8	0.9	1.0	1.2	1.6
Wind	-	-	-	-	-	-	-	0.5	0.4	0.4
Thermal:	58.2	59.1	58.8	59.0	59.1	59.1	57.1	58.6	57.4	54.9
Coal	*39.4*	*41.5*	*40.9*	*41.6*	*42.1*	*42.9*	*39.4*	*41.6*	*42.1*	*40.2*
Bagasse	*18.8*	*17.6*	*17.8*	*16.8*	*16.4*	*15.5*	*17.0*	*16.3*	*14.8*	*14.0*
Landfill gas	-	-	*0.1*	*0.6*	*0.7*	*0.7*	*0.7*	*0.6*	*0.5*	*0.7*
Island of Rodrigues	-	-	-	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Photovoltaic	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
of which: exported to CEB	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0
Total Electricity Generated	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
of which renewables	*23.6*	*21.5*	*20.0*	*20.3*	*20.6*	*20.3*	*22.7*	*21.8*	*20.0*	*20.7*

Table 3.7 - Fuel input for electricity generation, 2009 - 2018

Fuel	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Tonne										
Republic of Mauritius	**1,908,018**	**1,988,319**	**1,956,036**	**1,945,269**	**1,957,457**	**1,965,054**	**2,156,045**	**2,056,736**	**2,047,044**	**1,947,877**
Fuel oil	190,604	196,882	214,517	213,032	216,190	221,345	229,570	224,212	239,360	247,296
Diesel oil	2,761	1,997	1,523	1,857	1,269	1,229	1,084	1,025	1,274	843
Kerosene	4,924	6,008	3,659	3,437	645	681	741	729	939	647
Coal	574,141	643,049	617,297	649,157	683,207	711,236	684,348	701,225	726,666	690,231
Bagasse[1]	1,135,588	1,140,383	1,119,040	1,077,786	1,056,146	1,030,563	1,240,301	1,129,545	1,078,805	1,008,860
Island of Mauritius	**1,900,889**	**1,981,423**	**1,948,926**	**1,938,254**	**1,950,053**	**1,957,193**	**2,147,485**	**2,048,217**	**2,038,134**	**1,938,713**
Fuel oil	183,678	190,108	207,576	206,146	208,865	213,588	221,116	215,794	230,543	238,222
Diesel oil	2,558	1,875	1,354	1,728	1,190	1,125	979	924	1,181	753
Kerosene	4,924	6,008	3,659	3,437	645	681	741	729	939	647
Coal	574,141	643,049	617,297	649,157	683,207	711,236	684,348	701,225	726,666	690,231
Bagasse[1]	1,135,588	1,140,383	1,119,040	1,077,786	1,056,146	1,030,563	1,240,301	1,129,545	1,078,805	1,008,860
Island of Rodrigues	**7,129**	**6,896**	**7,110**	**7,015**	**7,404**	**7,861**	**8,559**	**8,519**	**8,910**	**9,163**
Fuel oil	6,926	6,774	6,941	6,886	7,325	7,757	8,455	8,418	8,817	9,073
Diesel oil	203	122	169	129	79	104	105	101	93	90
ktoe										
Republic of Mauritius	**728.55**	**778.41**	**773.05**	**784.89**	**802.07**	**820.30**	**845.00**	**832.52**	**855.19**	**828.30**
Fuel oil	182.98	189.00	205.93	204.51	207.54	212.49	220.39	215.24	229.79	237.40
Diesel oil	2.79	2.01	1.54	1.88	1.28	1.24	1.09	1.04	1.29	0.90
Kerosene	5.12	6.25	3.81	3.57	0.67	0.71	0.77	0.76	0.98	0.70
Coal	355.97	398.69	382.72	402.48	423.59	440.97	424.30	434.76	450.53	427.90
Bagasse[1]	181.69	182.46	179.05	172.45	168.98	164.89	198.45	180.73	172.61	161.40
Island of Mauritius	**721.70**	**771.79**	**766.22**	**778.15**	**794.95**	**812.75**	**836.77**	**824.34**	**846.63**	**819.50**
Fuel oil	176.33	182.50	199.27	197.90	200.51	205.04	212.27	207.16	221.32	228.70
Diesel oil	2.58	1.89	1.37	1.75	1.20	1.14	0.99	0.93	1.19	0.80
Kerosene	5.12	6.25	3.81	3.57	0.67	0.71	0.77	0.76	0.98	0.70
Coal	355.97	398.69	382.72	402.48	423.59	440.97	424.30	434.76	450.53	427.90
Bagasse[1]	181.69	182.46	179.05	172.45	168.98	164.89	198.45	180.73	172.61	161.40
Island of Rodrigues	**6.85**	**6.62**	**6.83**	**6.74**	**7.11**	**7.55**	**8.22**	**8.18**	**8.56**	**8.80**
Fuel oil	6.65	6.50	6.66	6.61	7.03	7.45	8.12	8.08	8.46	8.70
Diesel oil	0.21	0.12	0.17	0.13	0.08	0.11	0.11	0.10	0.09	0.10

[1] *Estimates*

Figure 3.5 - Percentage share of fuel input for electricity generation, 2009 - 2018



Section IV

Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 2009 - 2018

ktoe

Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1. Manufacturing	220.45	231.16	222.41	215.48	212.27	210.74	216.22	206.86	205.83	203.50
2. Transport	394.89	421.59	435.29	427.26	438.78	454.14	463.13	505.64	530.40	540.07
3. Commercial and Distributive Trade	72.29	76.44	80.66	83.67	88.06	92.52	95.52	97.46	99.62	101.31
4. Household	113.11	116.89	117.40	120.12	123.39	126.48	129.88	132.18	134.29	138.12
5. Agriculture	4.07	4.40	4.30	4.50	4.53	4.60	4.21	4.49	4.22	3.73
6. Other (n.e.s) and losses	3.76	3.53	2.97	3.37	3.55	3.45	3.90	4.45	4.46	2.54
Total	**808.57**	**854.01**	**863.02**	**854.41**	**870.57**	**891.93**	**912.86**	**951.07**	**978.82**	**989.29**

Table 4.2 - Percentage share of final energy consumption by sector, 2009 - 2018

%

Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1. Manufacturing	27.3	27.1	25.8	25.2	24.4	23.6	23.7	21.8	21.0	20.6
2. Transport	48.8	49.4	50.4	50.0	50.4	50.9	50.7	53.2	54.2	54.6
3. Commercial and Distributive Trade	8.9	9.0	9.3	9.8	10.1	10.4	10.5	10.2	10.2	10.2
4. Household	14.0	13.7	13.6	14.1	14.2	14.2	14.2	13.9	13.7	14.0
5. Agriculture	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
6. Other (n.e.s) and losses	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

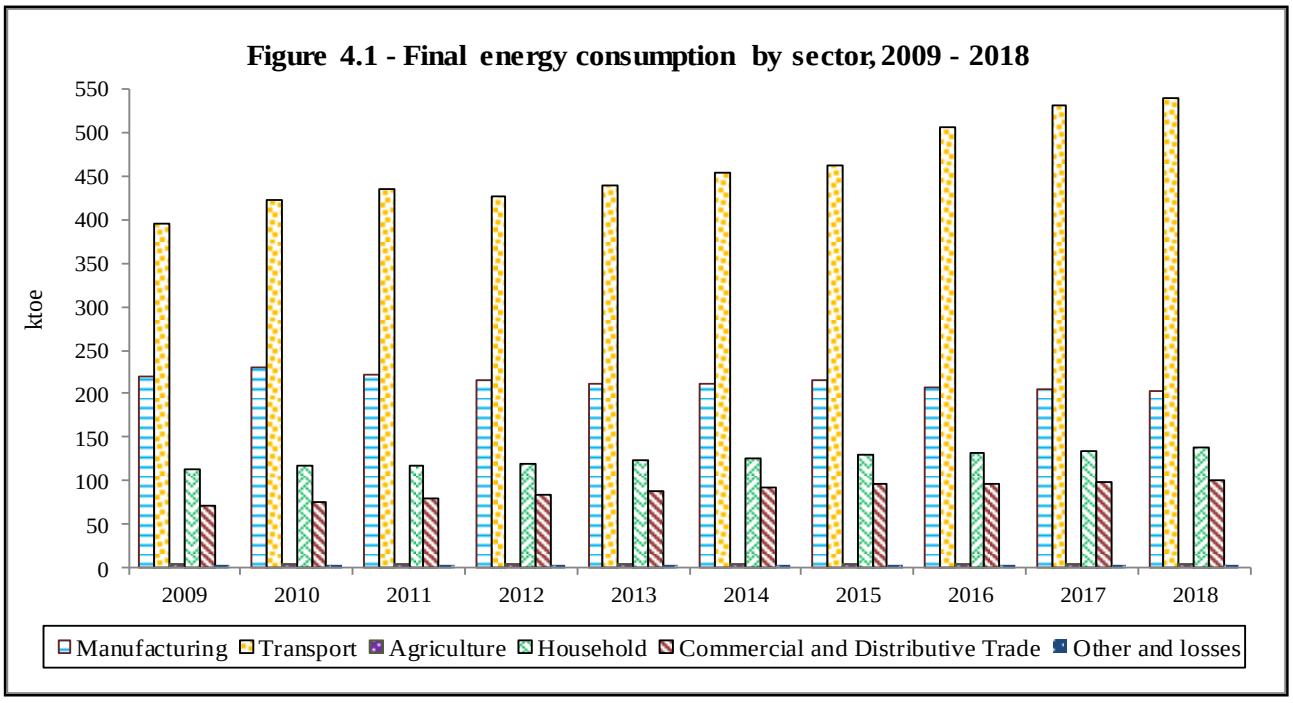


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 2009 - 2018

Sectors	Unit	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1. Manufacturing											
Fuel oil	tonne	43,078	41,472	40,316	38,953	39,182	40,476	37,203	36,789	37,143	38,762
Diesel oil	tonne	45,882	46,543	43,094	41,310	35,443	36,096	36,592	35,305	35,525	34,804
LPG	tonne	5,007	5,122	5,238	5,463	5,353	5,427	5,672	5,601	5,462	5,669
Coal	tonne	21,572	24,786	24,200	25,619	27,507	31,250	36,436	33,193	33,527	31,886
Fuelwood [1]	tonne	1,426	1,426	1,425	1,410	1,385	1,343	1,300	1,261	1,242	1,200
Electricity	GWh	897.2	934.3	929.2	929.8	962.6	944.5	962.0	970.3	993.5	1,001.8
Bagasse	tonne	226,759	265,988	244,288	213,123	204,565	177,973	197,646	158,431	135,746	116,582
2. Transport											
Land											
Gasolene	tonne	108,871	115,266	117,370	123,352	128,928	137,244	147,565	161,833	169,764	177,276
Diesel oil	tonne	152,631	159,471	159,904	164,650	164,802	165,140	166,294	168,544	172,010	176,696
LPG	tonne	4,587	4,641	4,502	4,363	4,068	3,744	3,190	3,479	3,316	3,290
Air											
Jet Fuel	tonne	106,246	118,553	129,170	110,582	116,093	121,968	119,555	141,915	154,072	156,291
Sea											
Fuel Oil	tonne	3,746	3,537	3,575	3,674	3,525	3,641	3,253	4,048	4,039	4,225
Gasolene	tonne	2,796	2,960	3,014	3,105	3,170	3,260	3,395	3,844	4,038	4,255
Diesel oil	tonne	1,076	1,124	1,127	1,137	1,142	1,210	1,219	1,235	1,261	1,291
3. Commercial and Distributive Trade											
LPG	tonne	10,575	10,925	11,260	11,918	13,285	14,028	15,099	16,083	16,173	17,214
Charcoal [1]	tonne	437	453	469	474	483	497	450	420	414	380
Electricity	GWh	704.2	748.0	792.6	819.3	853.2	895.6	917.5	927.8	952.0	958.8
4. Household											
Kerosene	tonne	1,476	1,731	515	243	202	153	131	71	63	46
LPG	tonne	43,237	44,059	44,640	45,329	46,360	47,570	49,093	49,455	50,011	51,457
Fuelwood [1]	tonne	16,619	16,597	16,336	16,003	15,466	14,529	13,625	13,564	13,442	13,089
Charcoal [1]	tonne	119	119	116	114	111	103	98	95	94	87
Electricity	GWh	680.1	710.7	725.3	753.0	781.0	806.5	831.3	854.5	872.7	900.9
5. Agriculture											
Diesel oil [1]	tonne	2,286	2,325	2,344	2,331	2,320	2,283	2,306	2,267	2,186	2,110
Electricity	GWh	20.5	23.8	22.5	25.0	25.4	26.7	21.8	25.5	23.4	18.6
6. Other											
LPG	tonne	-	-	-	-	258	270	285	292	303	318
Electricity	GWh	38.9	37.6	39.1	35.3	36.1	36.6	38.5	40.5	38.2	37.5

[1] Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 2009 - 2018

ktoe

Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1. Manufacturing	**220.4**	**231.2**	**222.4**	**215.5**	**212.3**	**210.7**	**216.2**	**206.9**	**205.9**	**203.5**
Fuel oil	41.4	39.8	38.7	37.4	37.6	38.9	35.7	35.3	35.7	37.2
Diesel oil	46.3	47.0	43.5	41.7	35.8	36.5	37.0	35.7	35.9	35.2
LPG	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.0	5.9	6.1
Coal	13.4	15.4	15.0	15.9	17.1	19.4	22.6	20.6	20.8	19.8
Fuelwood	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Electricity	77.1	80.3	79.9	79.9	82.8	81.2	82.7	83.4	85.4	86.1
Bagasse	36.3	42.6	39.1	34.1	32.7	28.5	31.6	25.3	21.7	18.7
2. Transport	**394.9**	**421.6**	**435.3**	**427.3**	**438.8**	**454.1**	**463.1**	**505.6**	**530.4**	**540.1**
Land	***276.7***	***290.6***	***293.1***	***304.2***	***310.1***	***319.1***	***330.8***	***348.7***	***360.6***	***367.6***
Gasolene	117.6	124.5	126.8	133.2	139.2	148.2	159.4	174.8	183.3	186.9
Diesel oil	154.2	161.1	161.5	166.3	166.5	166.8	168.0	170.2	173.7	177.2
LPG	5.0	5.0	4.9	4.7	4.4	4.0	3.4	3.8	3.6	3.6
Air: Jet Fuel	***110.5***	***123.3***	***134.3***	***115.0***	***120.7***	***126.8***	***124.3***	***147.6***	***160.2***	***162.5***
Sea	***7.7***	***7.7***	***7.8***	***8.0***	***8.0***	***8.2***	***8.0***	***9.3***	***9.6***	***10.0***
Fuel Oil	3.6	3.4	3.4	3.5	3.4	3.5	3.1	3.9	3.9	4.1
Gasolene	3.0	3.2	3.3	3.4	3.4	3.5	3.7	4.2	4.4	4.6
Diesel oil	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
3. Commercial and Distributive Trade	**72.3**	**76.4**	**80.7**	**83.7**	**88.1**	**92.5**	**95.5**	**97.5**	**99.6**	**101.3**
LPG	11.4	11.8	12.2	12.9	14.3	15.2	16.3	17.4	17.5	18.6
Charcoal	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Electricity	60.5	64.3	68.1	70.4	73.4	77.0	78.9	79.8	81.8	82.4
4. Household	**113.1**	**116.9**	**117.4**	**120.1**	**123.4**	**126.5**	**129.9**	**132.2**	**134.3**	**138.2**
Kerosene	1.5	1.8	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.0
LPG	46.7	47.6	48.2	49.0	50.1	51.4	53.0	53.4	54.0	55.6
Fuelwood	6.3	6.3	6.2	6.1	5.9	5.5	5.2	5.2	5.1	5.0
Charcoal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	58.5	61.1	62.4	64.7	67.1	69.3	71.5	73.5	75.0	77.5
5. Agriculture	**4.1**	**4.4**	**4.3**	**4.5**	**4.5**	**4.6**	**4.2**	**4.5**	**4.2**	**3.7**
Diesel oil	2.3	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.1
Electricity	1.8	2.0	1.9	2.1	2.2	2.3	1.9	2.2	2.0	1.6
6. Other (n.e.s) and losses	**3.8**	**3.5**	**3.0**	**3.4**	**3.5**	**3.4**	**3.9**	**4.4**	**4.5**	**2.5**
Total	**808.6**	**854.0**	**863.0**	**854.4**	**870.6**	**891.9**	**912.9**	**951.1**	**978.8**	**989.3**

Table 4.5 - Percentage share of final energy consumption in ktoe by sector and type of fuel, 2009 - 2018

%

Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1. Manufacturing	**27.3**	**27.1**	**25.8**	**25.2**	**24.4**	**23.6**	**23.7**	**21.8**	**21.0**	**20.6**
Fuel oil	5.1	4.7	4.5	4.4	4.3	4.4	3.9	3.7	3.6	3.8
Diesel oil	5.7	5.5	5.0	4.9	4.1	4.1	4.0	3.7	3.7	3.6
LPG	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Coal	1.7	1.8	1.7	1.9	2.0	2.2	2.5	2.2	2.1	2.0
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Electricity	9.5	9.4	9.3	9.4	9.5	9.1	9.1	8.8	8.7	8.7
Bagasse	4.5	5.0	4.5	4.0	3.8	3.2	3.5	2.7	2.2	1.9
2. Transport	**48.8**	**49.4**	**50.4**	**50.0**	**50.4**	**50.9**	**50.7**	**53.2**	**54.3**	**54.6**
Land	***34.2***	***34.0***	***34.0***	***35.6***	***35.6***	***35.8***	***36.2***	***36.7***	***36.9***	***37.2***
Gasolene	14.5	14.6	14.7	15.6	16.0	16.6	17.5	18.4	18.7	18.9
Diesel oil	19.1	18.9	18.7	19.5	19.1	18.7	18.4	17.9	17.7	17.9
LPG	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4
Air: Jet Fuel	***13.7***	***14.4***	***15.6***	***13.5***	***13.9***	***14.2***	***13.6***	***15.5***	***16.4***	***16.4***
Sea	***1.0***	***0.9***	***0.9***	***0.9***	***0.9***	***0.9***	***0.9***	***1.0***	***1.0***	***1.0***
Fuel Oil	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4
Gasolene	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
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	**8.9**	**9.0**	**9.3**	**9.8**	**10.1**	**10.4**	**10.5**	**10.2**	**10.2**	**10.2**
LPG	1.4	1.4	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.9
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	7.5	7.5	7.9	8.2	8.4	8.6	8.6	8.4	8.4	8.3
4. Household	**14.0**	**13.7**	**13.6**	**14.1**	**14.2**	**14.2**	**14.2**	**13.9**	**13.7**	**14.0**
Kerosene	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	5.8	5.6	5.6	5.7	5.8	5.8	5.8	5.6	5.5	5.6
Fuelwood	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	7.2	7.2	7.2	7.6	7.7	7.8	7.8	7.7	7.7	7.8
5. Agriculture	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**
Diesel oil	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Electricity	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2
6. Other (n.e.s) and losses	**0.5**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.2**
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Table 4.6 - Final energy consumption by energy source, 2009 - 2018

Energy source	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	Physical unit (thousand tonnes, except electricity in GWh)									
Fossil fuels										
Coal	21.6	24.8	24.2	25.6	27.5	31.3	36.4	33.2	33.5	31.9
Petroleum products:										
Gasolene	111.7	118.2	120.4	126.5	132.1	140.5	151.0	165.7	173.8	177.3
Diesel Oil	201.9	209.5	206.5	209.4	203.7	204.7	206.4	207.4	211.0	213.6
Jet fuel for local aircraft	106.2	118.6	129.2	110.6	116.1	122.0	119.6	141.9	154.1	156.3
Kerosene	1.5	1.7	0.5	0.2	0.2	0.2	0.1	0.1	0.1	0.0
Fuel Oil	46.8	45.0	43.9	42.6	42.7	44.1	40.5	40.8	41.2	43.0
LPG	63.8	65.0	65.9	67.3	69.3	71.0	73.3	74.9	75.3	77.9
Renewables										
Bagasse	226.8	266.0	244.3	213.1	204.6	178.0	197.6	158.4	135.7	116.6
Fuelwood	18.0	18.0	17.8	17.4	16.9	15.9	14.9	14.8	14.7	14.3
Charcoal	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Electricity (GWh)	**2,340.9**	**2,454.5**	**2,500.5**	**2,562.4**	**2,658.3**	**2,709.9**	**2,771.1**	**2,818.7**	**2,879.7**	**2,917.8**
	Energy unit (Ktoe)									
Fossil fuels	**563.7**	**593.1**	**601.7**	**592.9**	**602.3**	**624.0**	**636.6**	**676.7**	**702.7**	**715.1**
Coal	13.4	15.4	15.0	15.9	17.1	19.4	22.6	20.6	20.8	19.8
Petroleum products:	**550.3**	**577.7**	**586.7**	**577.0**	**585.2**	**604.6**	**614.0**	**656.1**	**681.9**	**695.3**
Gasolene	120.6	127.7	130.0	136.6	142.7	151.7	163.0	178.9	187.7	191.5
Diesel Oil	203.9	211.6	208.5	211.5	205.7	206.8	208.5	209.4	213.1	215.8
Jet fuel for local aircraft	110.5	123.3	134.3	115.0	120.7	126.8	124.3	147.6	160.2	162.5
Kerosene	1.5	1.8	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.0
Fuel Oil	45.0	43.2	42.1	40.9	41.0	42.4	38.8	39.2	39.5	41.3
LPG	68.9	70.2	71.1	72.7	74.9	76.7	79.2	80.9	81.3	84.2
Renewables	**43.6**	**49.8**	**46.3**	**41.2**	**39.6**	**35.0**	**37.7**	**31.4**	**27.7**	**24.4**
Bagasse	36.3	42.6	39.1	34.1	32.7	28.5	31.6	25.3	21.7	18.7
Fuelwood	6.9	6.8	6.7	6.6	6.4	6.0	5.7	5.6	5.6	5.4
Charcoal	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Electricity	**201.3**	**211.1**	**215.0**	**220.4**	**228.7**	**233.0**	**238.5**	**243.0**	**248.4**	**249.8**
Total	**808.6**	**854.0**	**863.0**	**854.4**	**870.6**	**891.9**	**912.9**	**951.1**	**978.8**	**989.3**
	Percentage share (%)									
Fossil fuels	**69.7**	**69.4**	**69.7**	**69.4**	**69.2**	**70.0**	**69.7**	**71.2**	**71.8**	**72.3**
Coal	1.7	1.8	1.7	1.9	2.0	2.2	2.5	2.2	2.1	2.0
Petroleum products:	**68.1**	**67.6**	**68.0**	**67.5**	**67.2**	**67.8**	**67.3**	**69.0**	**69.7**	**70.3**
Gasolene	14.9	15.0	15.1	16.0	16.4	17.0	17.9	18.8	19.2	19.4
Diesel Oil	25.2	24.8	24.2	24.8	23.6	23.2	22.8	22.0	21.8	21.8
Jet fuel for local aircraft	13.7	14.4	15.6	13.5	13.9	14.2	13.6	15.5	16.4	16.4
Kerosene	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Oil	5.6	5.1	4.9	4.8	4.7	4.7	4.3	4.1	4.0	4.2
LPG	8.5	8.2	8.2	8.5	8.6	8.6	8.7	8.5	8.3	8.5
Renewables	**5.4**	**5.8**	**5.4**	**4.8**	**4.5**	**3.9**	**4.1**	**3.3**	**2.8**	**2.4**
Bagasse	4.5	5.0	4.5	4.0	3.8	3.2	3.5	2.7	2.2	1.9
Fuelwood	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5
Charcoal	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Electricity	**24.9**	**24.7**	**24.9**	**25.8**	**26.3**	**26.1**	**26.1**	**25.6**	**25.4**	**25.3**
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

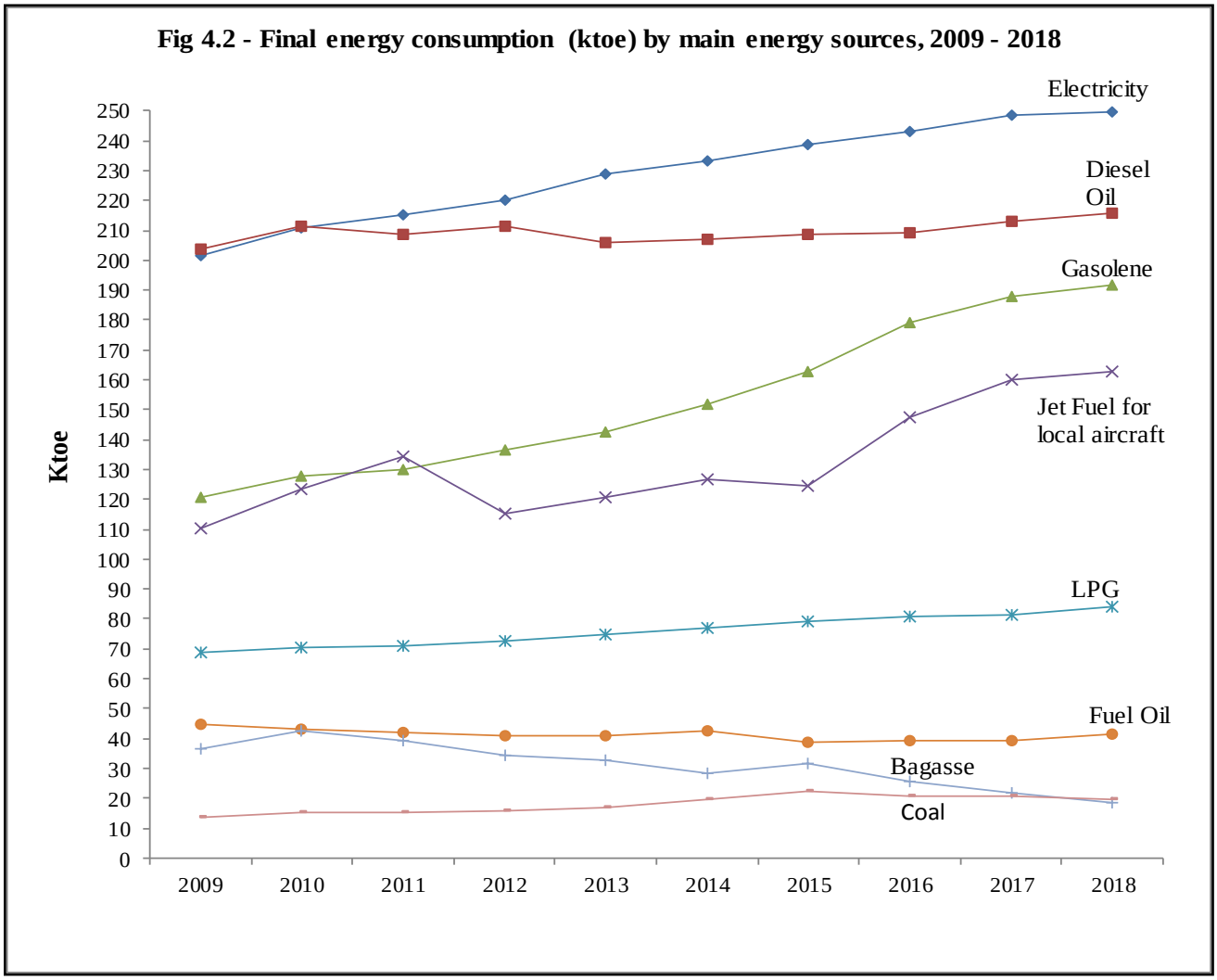
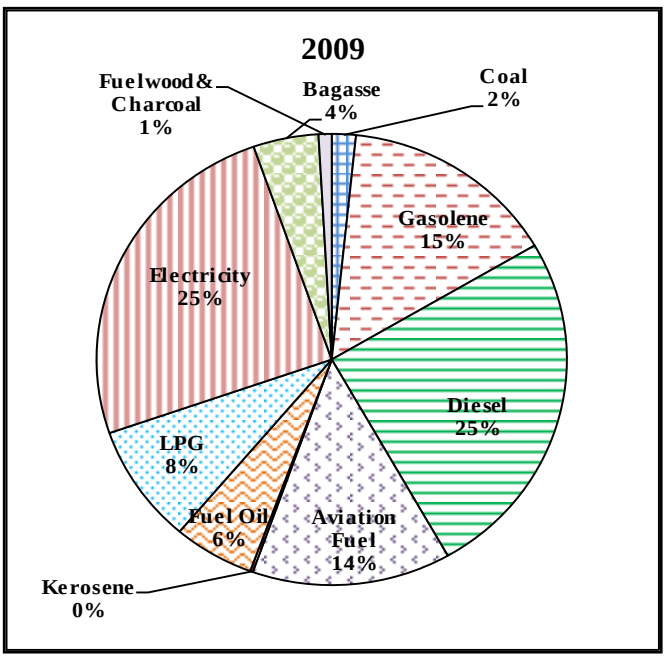


Figure 4.3 - Percentage share of energy sources in the Final Energy Consumption (ktoe) - 2009 and 2018



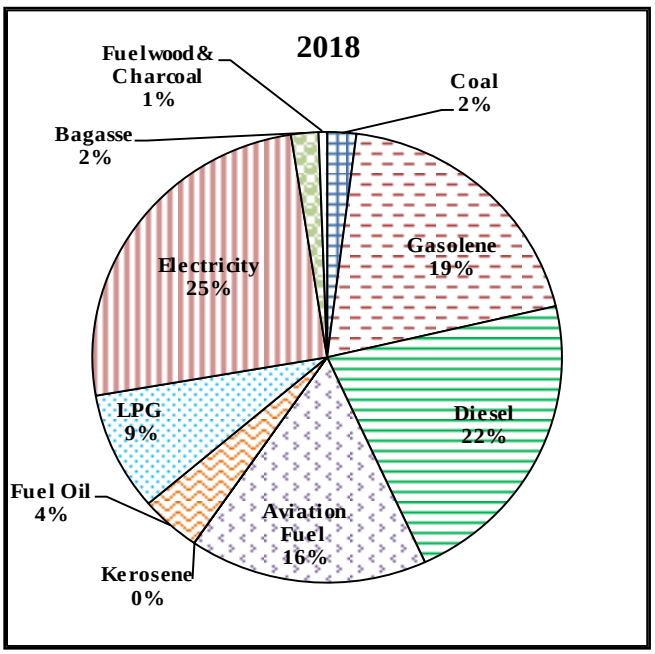


Table 4.7 - Sales of electricity by tariff group, 2009 - 2018, Republic of Mauritius

Tariff group	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of consumers										
Domestic	358,359	364,474	372,315	381,096	388,910	396,335	404,463	413,068	420,876	428,569
Commercial	36,151	36,956	37,685	38,539	39,199	40,089	41,124	41,879	42,761	43,398
Industrial	7,143	7,008	6,818	6,763	6,703	6,593	6,381	6,352	6,353	6,420
Other	403	429	465	507	550	610	637	654	676	724
Total	**402,056**	**408,867**	**417,283**	**426,905**	**435,362**	**443,627**	**452,605**	**461,953**	**470,666**	**479,111**
GWh sold										
Domestic	680.1	710.7	725.3	753.0	780.8	806.3	831.0	854.5	872.7	899.3
Commercial	704.2	748.0	792.6	818.7	852.0	894.1	915.8	927.8	952.0	954.3
Industrial	646.1	677.6	679.4	687.4	715.2	715.2	720.1	735.8	755.3	759.1
Other	38.9	37.6	30.9	35.3	36.1	36.6	38.5	40.5	38.2	37.5
Total	**2,069.2**	**2,173.9**	**2,228.2**	**2,294.4**	**2,384.1**	**2,452.2**	**2,505.4**	**2,558.6**	**2,618.1**	**2,650.2**
Value sold (Rs.mn)										
Domestic	3,451.6	3,730.3	4,066.7	4,298.5	4,467.3	4,640.2	4,797.8	4,924.2	5,035.8	5,225.7
Commercial	4,827.8	5,269.3	5,862.4	6,092.9	6,286.3	6,569.7	6,723.3	6,812.3	6,964.4	6,995.0
Industrial	2,109.1	2,271.0	2,392.1	2,450.5	2,532.8	2,545.2	2,555.2	2,605.8	2,669.7	2,683.3
Other	275.6	274.3	240.1	269.6	239.0	285.0	297.5	308.0	298.4	293.8
Total	**10,664.1**	**11,544.9**	**12,561.3**	**13,111.5**	**13,525.4**	**14,040.1**	**14,373.9**	**14,650.3**	**14,968.3**	**15,197.8**
Average sales price* (Rs./kWh)										
Domestic	5.07	5.25	5.61	5.71	5.72	5.76	5.77	5.76	5.77	5.81
Commercial	6.86	7.04	7.40	7.44	7.38	7.35	7.34	7.34	7.32	7.33
Industrial	3.26	3.35	3.52	3.56	3.54	3.56	3.55	3.54	3.53	3.53
Other	7.09	7.29	7.77	7.64	6.62	7.78	7.74	7.60	7.81	7.83
Total	**5.15**	**5.31**	**5.64**	**5.71**	**5.67**	**5.73**	**5.74**	**5.73**	**5.72**	**5.73**
Average number of units per consumer (kWh)										
Domestic	1,898	1,950	1,948	1,976	2,008	2,034	2,055	2,069	2,074	2,098
Commercial	19,479	20,239	21,033	21,244	21,736	22,303	22,269	22,155	22,262	21,989
Industrial	90,445	96,692	99,654	101,641	106,701	108,474	112,858	115,842	118,881	118,248
Other	96,429	87,671	66,469	69,563	65,692	60,067	60,380	61,926	56,527	51,797
Total	**5,147**	**5,317**	**5,340**	**5,374**	**5,476**	**5,528**	**5,536**	**5,539**	**5,563**	**5,532**

Source: Central Electricity Board ** Excluding VAT & meter rent*

Figure 4.4 - Percentage share of electricity consumers by tariff group, 2018

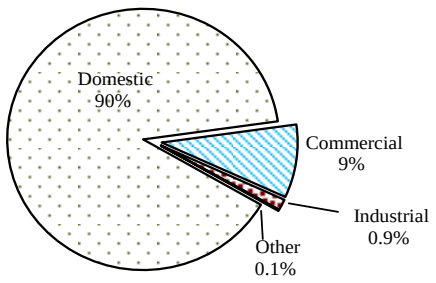


Figure 4.5 - Percentage share of sales value of electricity by tariff group, 2018

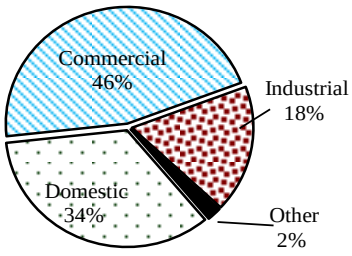


Figure 4.6 - Sales of electricity by tariff group, 2009 - 2018, Republic of Mauritius

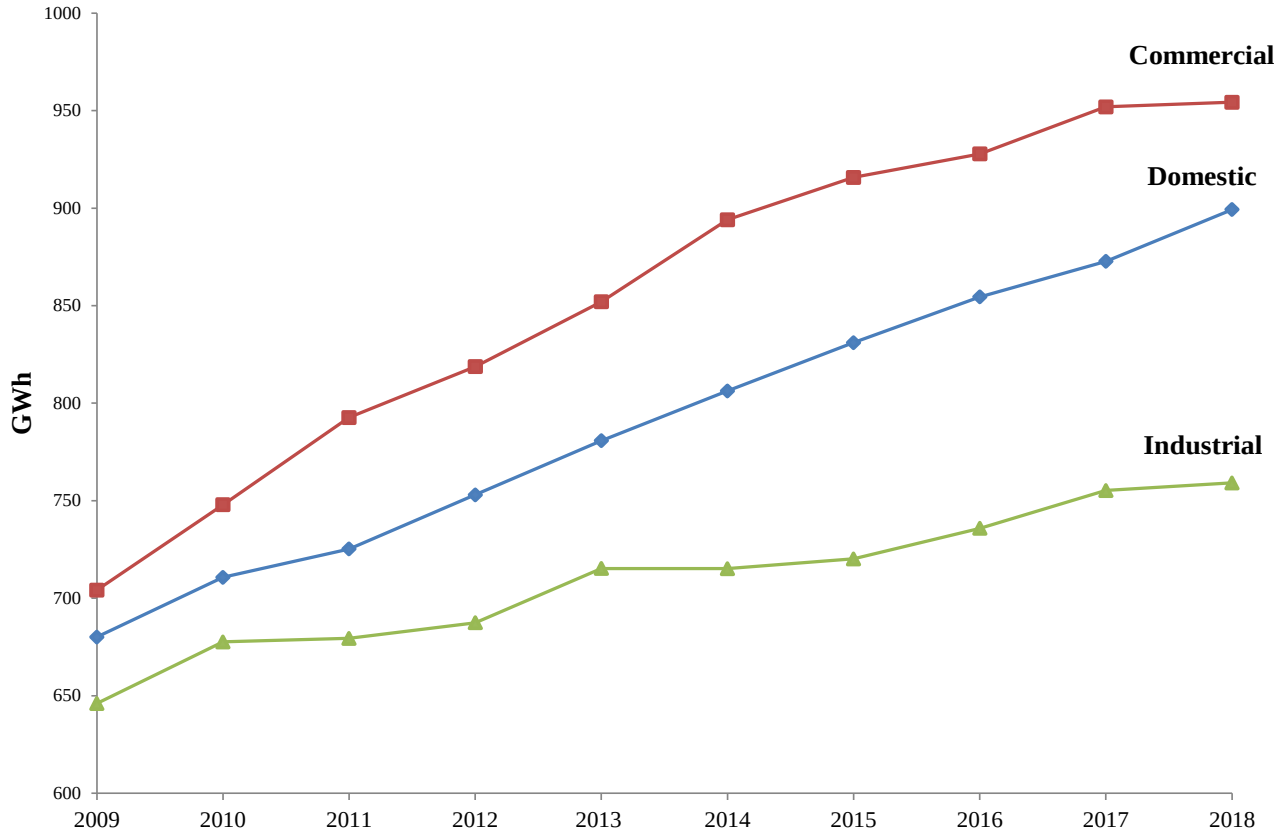


Figure 4.7 - Sales value of electricity by tariff group, 2009 - 2018
Republic of Mauritius

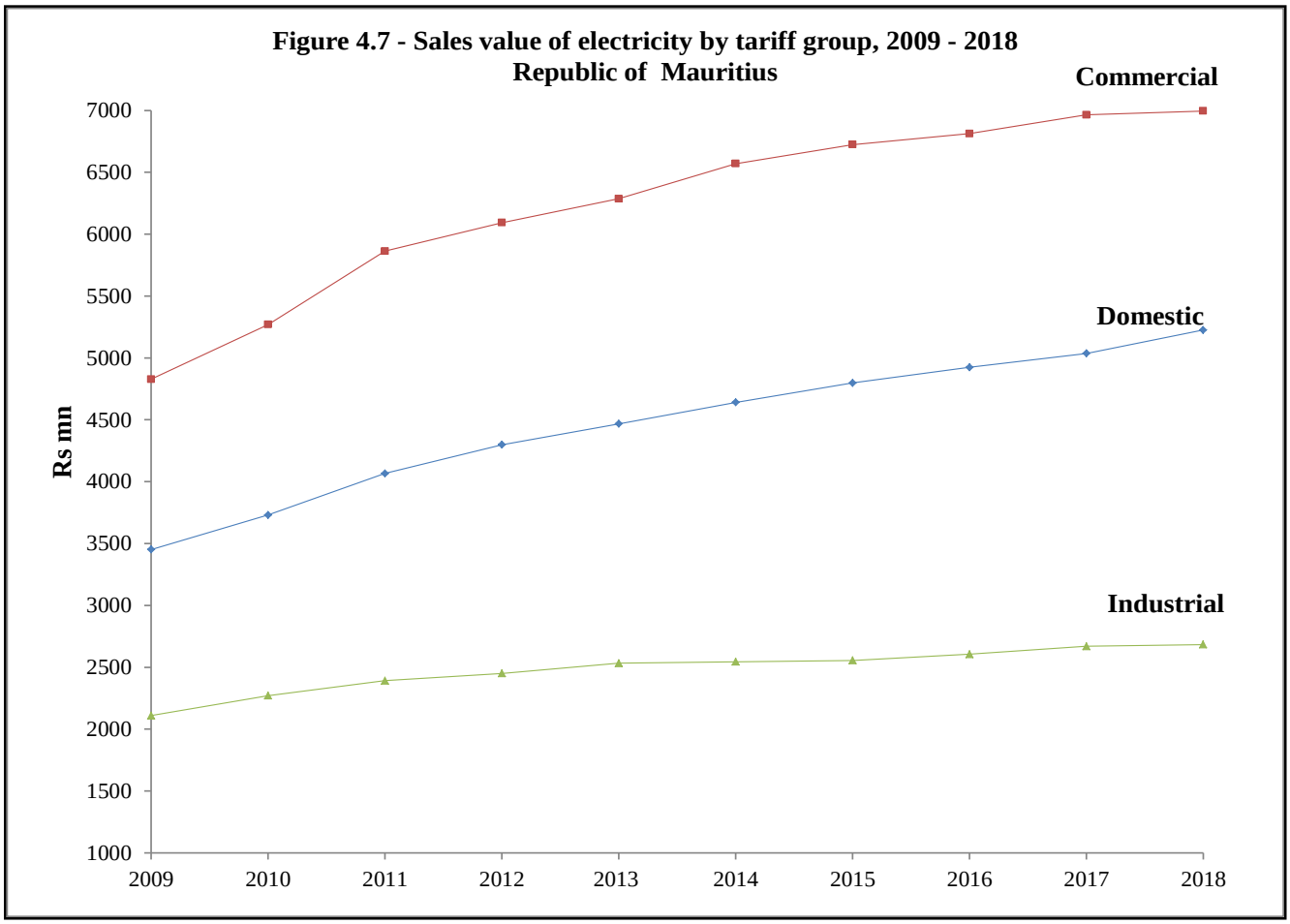


Table 4.8 - Sales of electricity by tariff group, 2009 - 2018, Island of Mauritius

Tariff group	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of consumers										
Domestic	347,757	353,689	361,231	369,707	377,238	384,281	392,240	400,486	408,032	415,471
Commercial	35,051	35,813	36,476	37,282	37,927	38,777	39,780	40,461	41,265	41,864
Industrial	6,932	6,777	6,586	6,517	6,443	6,312	6,100	6,062	6,055	6,107
General	*6,454*	*6,284*	*6,082*	*5,992*	*5,890*	*5,733*	*5,502*	*5,451*	*5,430*	*5,464*
Irrigation	*478*	*493*	*504*	*525*	*553*	*579*	*598*	*611*	*625*	*643*
Other	396	422	458	499	541	601	629	647	669	717
Total	**390,136**	**396,701**	**404,751**	**414,005**	**422,149**	**429,971**	**438,749**	**447,656**	**456,021**	**464,159**
GWh sold										
Domestic	665.3	695.3	709.7	737.0	764.0	788.8	812.7	835.3	852.9	879.2
Commercial	695.7	739.6	784.0	809.7	842.5	884.1	905.7	917.4	940.9	942.3
Industrial	643.9	675.6	677.4	685.4	713.0	712.7	716.6	732.2	752.1	756.1
General	*623.5*	*651.8*	*654.9*	*660.5*	*687.6*	*686.1*	*694.8*	*706.7*	*728.8*	*737.5*
Irrigation	*20.4*	*23.8*	*22.5*	*24.9*	*25.4*	*26.6*	*21.8*	*25.5*	*23.3*	*18.6*
Other	38.2	36.9	30.2	34.6	35.5	36.0	37.8	39.8	37.5	36.8
Street Lighting	*33.3*	*30.9*	*24.4*	*24.8*	*25.6*	*27.6*	*28.3*	*28.7*	*29.4*	*29.7*
Temporary	*0.2*	*0.2*	*0.2*	*0.3*	*0.2*	*0.3*	*0.3*	*0.2*	*0.2*	*0.2*
Miscellaneous	*4.7*	*5.8*	*5.6*	*9.6*	*9.6*	*8.1*	*9.2*	*10.9*	*8.0*	*6.9*
Total	**2,043.1**	**2,147.5**	**2,201.4**	**2,266.8**	**2,354.9**	**2,421.6**	**2,472.7**	**2,524.8**	**2,583.4**	**2,614.4**
Value sold (Rs.mn)										
Domestic	3,383.0	3,656.3	3,986.9	4,215.7	4,380.2	4,549.3	4,701.5	4,826.1	4,934.3	5,122.5
Commercial	4,757.8	5,198.9	5,785.4	6,011.4	6,200.9	6,480.5	6,632.8	6,718.3	6,863.8	6,887.0
Industrial	2,100.1	2,262.1	2,382.7	2,441.0	2,522.4	2,533.6	2,540.1	2,590.4	2,655.9	2,669.9
General	*2,047.9*	*2,197.9*	*2,319.8*	*2,370.2*	*2,450.5*	*2,458.5*	*2,479.2*	*2,519.1*	*2,591.1*	*2,617.9*
Irrigation	*52.2*	*64.1*	*62.8*	*70.9*	*71.9*	*75.1*	*60.9*	*71.3*	*64.9*	*52.0*
Other	270.9	269.4	234.9	264.4	233.9	279.9	292.2	302.7	292.9	288.2
Total	**10,511.8**	**11,386.7**	**12,389.8**	**12,932.5**	**13,337.4**	**13,843.3**	**14,166.6**	**14,437.6**	**14,747.0**	**14,967.5**
Average sales price* (Rs./kWh)										
Domestic	5.08	5.26	5.62	5.72	5.73	5.77	5.79	5.78	5.79	5.83
Commercial	6.84	7.03	7.38	7.42	7.36	7.33	7.32	7.32	7.30	7.31
Industrial	3.26	3.35	3.52	3.56	3.54	3.55	3.54	3.54	3.53	3.53
General	*3.28*	*3.37*	*3.54*	*3.59*	*3.56*	*3.58*	*3.57*	*3.56*	*3.56*	*3.55*
Irrigation	*2.55*	*2.69*	*2.79*	*2.84*	*2.84*	*2.82*	*2.79*	*2.80*	*2.78*	*2.79*
Other	7.09	7.29	7.77	7.64	6.59	7.78	7.73	7.60	7.81	7.83
All tariff	**5.14**	**5.30**	**5.63**	**5.71**	**5.66**	**5.72**	**5.73**	**5.72**	**5.71**	**5.72**
Average number of units per consumer (kWh)										
Domestic	1,913	1,966	1,964	1,993	2,025	2,053	2,072	2,086	2,090	2,116
Commercial	19,847	20,651	21,497	21,719	22,213	22,799	22,767	22,674	22,801	22,510
Industrial	92,893	99,694	102,855	105,179	110,661	112,911	117,480	120,786	124,216	123,815
General	*96,604*	*103,726*	*107,679*	*110,233*	*116,746*	*119,672*	*126,286*	*129,645*	*134,217*	*134,981*
Irrigation	*42,777*	*48,305*	*44,631*	*47,488*	*45,849*	*45,970*	*36,457*	*41,753*	*37,326*	*28,929*
Other (Street Lightening)	84,099	73,227	53,187	49,620	47,410	45,904	44,977	44,318	43,902	51,316
All consumers	**5,237**	**5,413**	**5,439**	**5,475**	**5,578**	**5,632**	**5,636**	**5,640**	**5,665**	**5,633**

Source: Central Electricity Board * Excluding VAT & meter rent

Figure 4.8 - Average sales price of electricity by tariff group, 2009 - 2018 Island of Mauritius

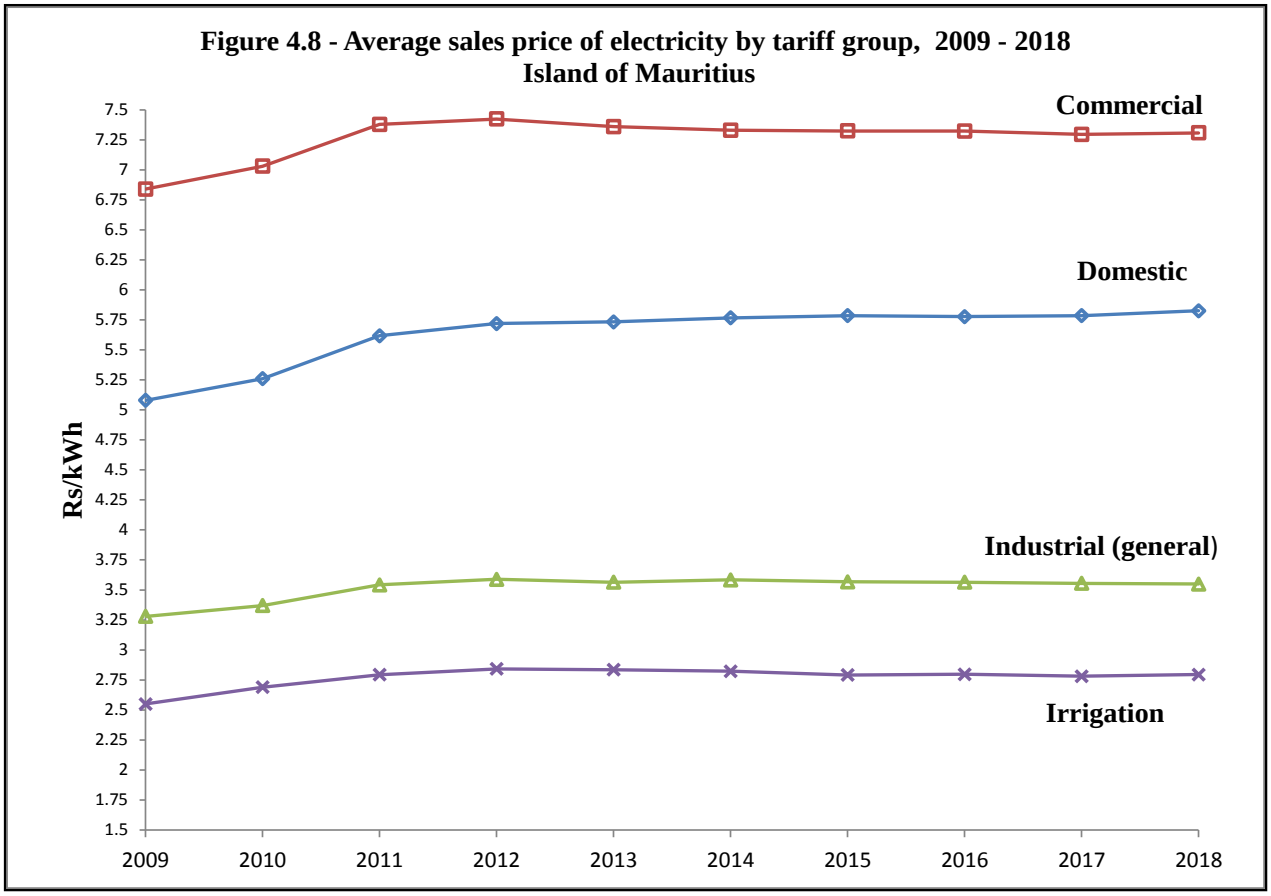


Figure 4.9 - Average number of units used per consumer by tariff group, 2009 - 2018 Island of Mauritius

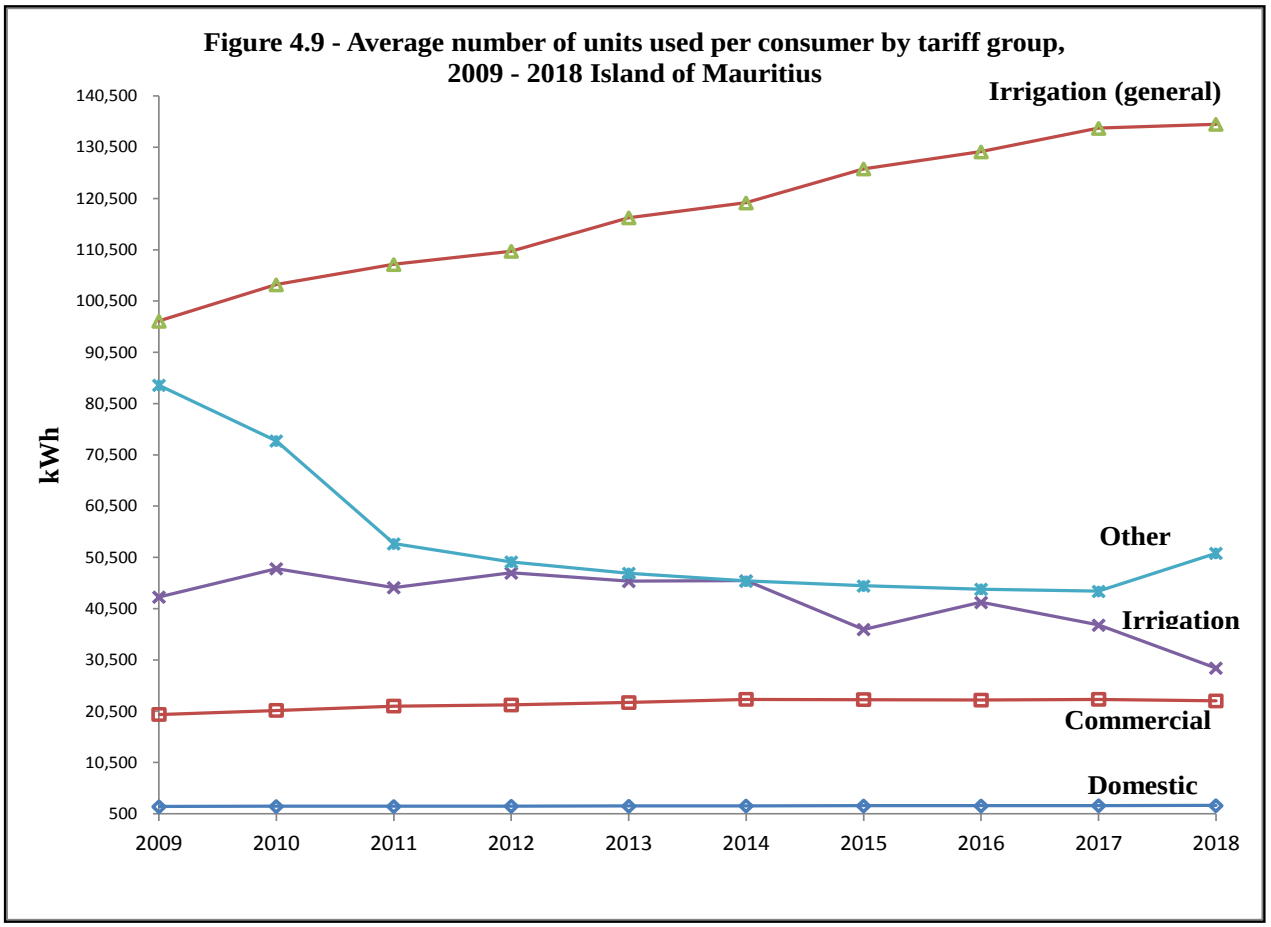


Table 4.9 - Sales of electricity by tariff group, 2009 - 2018, Island of Rodrigues

Tariff group	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of consumers										
Domestic	10,602	10,785	11,084	11,389	11,672	12,054	12,223	12,582	12,844	13,098
Commercial	1,100	1,143	1,209	1,257	1,272	1,312	1,344	1,418	1,496	1,534
Industrial	211	231	232	246	260	281	281	290	298	313
Other	7	7	7	8	9	9	8	7	7	7
Total	**11,920**	**12,166**	**12,532**	**12,900**	**13,213**	**13,656**	**13,856**	**14,297**	**14,645**	**14,952**
GWh sold										
Domestic	14.8	15.4	15.5	16.0	16.8	17.4	18.4	19.2	19.8	20.1
Commercial	8.5	8.4	8.6	9.0	9.6	10.0	10.1	10.4	11.1	11.9
Industrial	2.1	2.0	2.0	2.0	2.2	2.5	3.5	3.6	3.1	3.0
Other	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total	**26.1**	**26.4**	**26.9**	**27.6**	**29.2**	**30.6**	**32.7**	**33.9**	**34.7**	**35.8**
Value sold (Rs mn)										
Domestic	68.6	74.0	79.8	82.8	87.0	90.9	96.3	98.0	101.5	103.2
Commercial	70.0	70.4	77.0	81.5	85.4	89.2	90.5	93.9	100.6	108.1
Industrial	9.0	9.0	9.4	9.4	10.5	11.6	15.2	15.4	13.8	13.4
Other	4.7	4.9	5.2	5.2	5.1	5.2	5.3	5.4	5.6	5.6
Total	**152.3**	**158.2**	**171.5**	**178.9**	**188.0**	**196.8**	**207.3**	**212.7**	**221.5**	**230.3**
Average sales price* (Rs/kWh)										
Domestic	4.64	4.80	5.13	5.18	5.19	5.21	5.24	5.11	5.12	5.13
Commercial	8.20	8.40	8.96	9.06	8.94	8.88	8.95	9.03	9.09	9.05
Industrial	4.23	4.51	4.63	4.83	4.70	4.68	4.31	4.24	4.41	4.45
Other	7.05	7.29	7.68	7.82	7.82	7.84	7.84	7.85	7.92	7.94
Average	**5.83**	**5.98**	**6.39**	**6.49**	**6.44**	**6.43**	**6.34**	**6.28**	**6.38**	**6.43**
Average number of units per consumer (kWh)										
Domestic	1,395	1,429	1,403	1,403	1,436	1,446	1,504	1,525	1,544	1,537
Commercial	7,766	7,327	7,108	7,152	7,513	7,653	7,528	7,334	7,395	7,786
Industrial	10,036	8,608	8,788	7,933	8,583	8,801	12,533	12,496	10,497	9,616
Other	95,355	95,987	96,923	83,593	72,999	73,007	84,323	97,447	100,163	101,057
Average	**2,191**	**2,174**	**2,143**	**2,139**	**2,211**	**2,241**	**2,360**	**2,371**	**2,371**	**2,394**

Source: Central Electricity Board * Excluding VAT & meter rent

Figure 4.10 - Average sales price of electricity by tariff group, 2009 - 2018, Island of Rodrigues

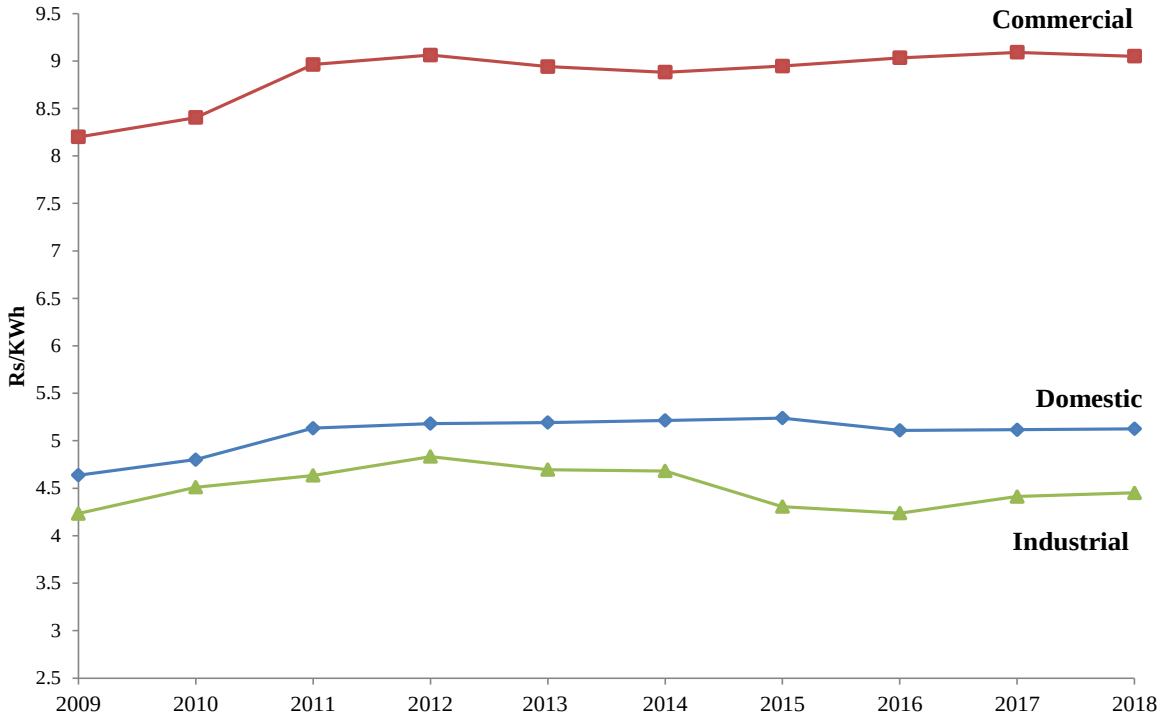
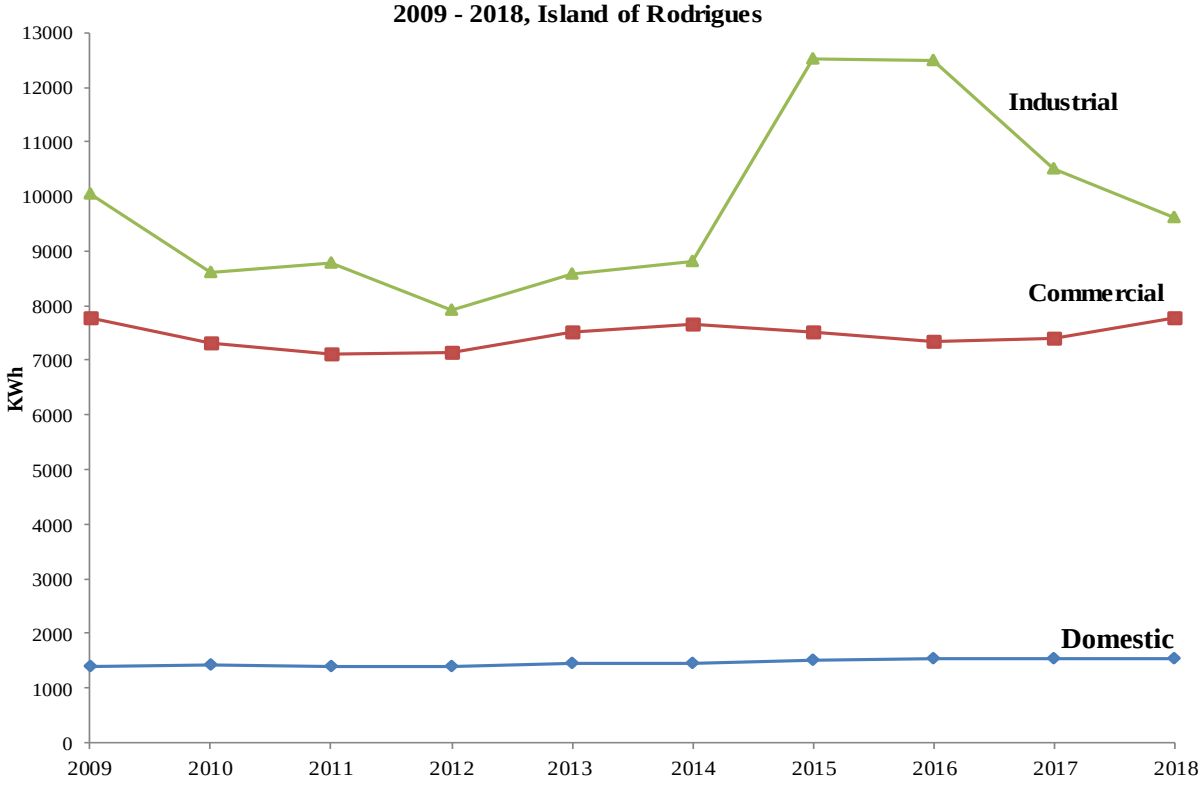


Figure 4.11 - Average number of units used per consumer by tariff group, 2009 - 2018, Island of Rodrigues



Section V

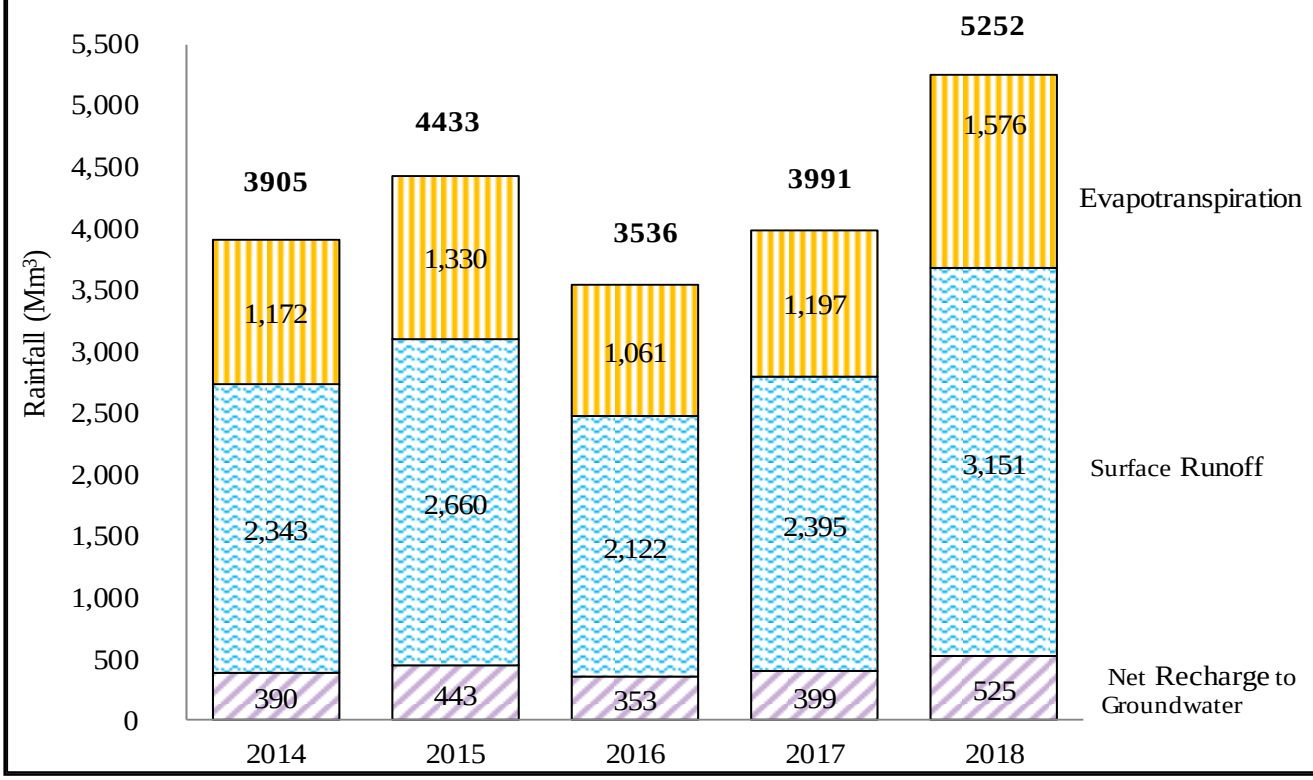
Water Statistics

Table 5.1 - Main water indicators[1], 2014 - 2018

Details	Unit	2014	2015	2016	2017	2018
Mid-year population, Island of Mauritius	Thousand	1,219	1,220	1,221	1,222	1,222
Mean annual rainfall						
Island of Mauritius	Millimetres	2,094	2,377	1,896	2,134	2,816
Island of Rodrigues						
Pte Canon	Millimetres	1,145	1,272	840	970	1,602
Plaine Corail	Millimetres	1,143	1,338	707	918	1,741
Potable water : Island of Mauritius						
- Produced	Mm^3	229	245	247	261	285
- Consumed	Mm^3	97	98	100	105	109
Potable water produced per capita per day	litres	514	549	555	586	639
Potable water consumed per capita per day	litres	218	220	225	235	243
Consumption per capita per day for 'Domestic' tariffs	litres	167	168	171	180	186
Average price per m^3	Rs/m^3	12.21	12.24	12.24	12.58	12.76

[1] *All data refer to Island of Mauritius, except for rainfall where figures are available for Rodrigues.*

Figure 5.1 - Water Balance, *Island of Mauritius*, 2014 - 2018



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

Table 5.2 - Water utilisation by source, 2016 - 2018, Island of Mauritius

Mm^3

Utilisation	2016				2017				2018			
	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 & tourism	36 [1]	88	133	**257**	44 [1]	88	130	**262**	51 [1]	92	138	**281**
Industrial	3	2 [2]	7	**12**	3	2 [2]	7	**12**	2	2 [2]	7	**11**
Agricultural	276	68 [3]	7	357 [6]	282	54 [3]	5	347 [6]	234	60 [3]	5	304 [7]
Hydropower	161 [4]	180 [5]	0	**341**	154 [4]	158 [5]	-	**312**	166 [4]	232 [5]	-	**398**
Overall Utilisation	**476**	**338**	**147**	**967** [6]	**483**	**302**	**142**	**933** [6]	**453**	**386**	**150**	**994** [7]
Total Water Mobilisation	**444**	**277**	**147**	**868**	**451**	**252**	**142**	**845**	**396**	**325**	**150**	**871**

[1] Used also for Reduit hydropower station

[2] Used by IPP (formerly accounted in agricultural purpose)

[3] Used also for Tamarind Falls, Magenta and La Ferme hydropower stations

[4] used also twice for Le Val & Ferney hydropower stations

[5] used also at Midlands and La Nicoliere

[6] include 6 Mm^3 re-use of treated waste water (Non Conventional)

[7] include 5 Mm3 re-use of treated waste water (Non Conventional)

Table 5.3 - Fresh water abstractions by sector, 2009 - 2018, Island of Mauritius

Mm^3

Sector	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross fresh surface water abstraction	**511**	**513**	**449**	**460**	**487**	**489**	**467**	**473**	**473**	**441**
Water supply industry (Central Water Authority)	*112*	*110*	*94*	*97*	*112*	*115*	*122*	*124*	*132*	*143*
Manufacturing	*5*	*5*	*5*	*5*	*7*	*7*	*7*	*5*	*5*	*4*
Agriculture, forestry and fishing	*394*	*398*	*350*	*358*	*368*	*367*	*338*	*344*	*336*	*294*
Gross ground water abstraction	**121**	**124**	**122**	**122**	**121**	**131**	**145**	**147**	**142**	**150**
Water supply industry (Central Water Authority)	*111*	*113*	*111*	*109*	*108*	*119*	*133*	*133*	*130*	*138*
Manufacturing	5	5	5	6	6	6	7	7	7	7
Agriculture, forestry and fishing	5	6	6	7	7	6	5	7	5	5
Total	**632**	**637**	**571**	**582**	**608**	**620**	**612**	**620**	**615**	**591**

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

Reservoir	**La Nicoliere**	**Diamamouve**	**Eau Bleue**	**Mare aux Vacoas**	**Mare Longue**	**Midlands Dam**	**Piton du Milieu**	**Dagotiere**	**Valetta**	**La Ferme**	**Tamarind Falls**	**Total Storage Capacity**
Capacity (Mm^3)	5.26	4.30	4.10	25.89	6.28	25.50	2.99	0.60	2.00	11.52	2.30	90.7
District of location	Pamplemousses	Grand Port		Plaines Wilhems			Moka			Black River		
Use	Domestic, Irrigation & Industrial	Hydro-power		Domestic	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 5.2, 5.3 & 5.4)

Note: Mare longue is also used for Domestic since 2011

Table 5.5 - Mean rainfall, 2014 - 2018, Island of Mauritius

Millimetres

Period	Long[1] Term Mean (1981-2010)	2014		2015		2016		2017		2018		Long[1] Term Mean (1981-2010)	2014		2015		2016		2017		2018	
		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	**1,264**	***98***	**1,386**	***107***	**1,053**	***81***	**1,322**	***102***	**1,915**	***148***	***2,572***	**2,607**	**101**	**2,958**	***115***	**2,284**	***89***	**2,532**	***98***	**3,165**	***123***
Jan	***178***	242	*136*	266	*149*	104	*58*	66	*37*	676	*380*	***306***	513	168	496	*162*	240	*78*	147	*48*	735	*240*
Feb	***245***	127	*52*	161	*66*	378	*154*	232	*95*	162	*66*	***393***	237	60	308	*78*	410	*104*	307	*78*	432	*110*
Mar	***190***	175	*92*	244	*128*	91	*48*	145	*76*	231	*122*	***327***	333	102	525	*161*	187	*57*	347	*106*	308	*94*
Apr	***137***	165	*120*	69	*50*	114	*83*	178	*130*	263	*192*	***279***	371	133	141	*51*	346	*124*	310	*111*	474	*170*
May	***89***	103	*116*	134	*151*	39	*44*	255	*287*	21	*23*	***197***	146	74	211	*107*	185	*94*	428	*217*	122	*62*
Jun	***63***	19	*30*	142	*225*	55	*87*	92	*146*	63	*100*	***153***	94	61	271	*177*	149	*97*	219	*143*	165	*108*
Jul	***71***	23	*32*	64	*90*	70	*99*	80	*113*	77	*108*	***181***	153	85	215	*119*	248	*137*	272	*150*	214	*118*
Aug	***58***	58	*100*	46	*79*	53	*91*	95	*164*	22	*37*	***153***	121	79	207	*135*	191	*125*	164	*107*	50	*32*
Sep	***57***	22	*39*	23	*40*	16	*28*	21	*37*	38	*66*	***136***	64	47	63	*46*	68	*50*	85	*63*	105	*77*
Oct	***42***	50	*119*	94	*224*	20	*48*	41	*98*	39	*93*	***107***	90	84	181	*169*	65	*61*	79	*74*	54	*50*
Nov	***45***	49	*109*	62	*138*	38	*84*	95	*211*	129	*286*	***114***	134	118	132	*116*	80	*70*	106	*93*	234	*205*
Dec	***118***	230	*195*	81	*69*	75	*64*	22	*19*	196	*166*	***227***	351	155	208	*92*	115	*51*	68	*30*	272	*120*
Year	**East**											**West**										
	2,565	**2,758**	***108***	**2,959**	***115***	**2,584**	***101***	**3,022**	***118***	**3,523**	***137***	***908***	**906**	***100***	**1,242**	***137***	**662**	***73***	**678**	***75***	**1,474**	***162***
Jan	***310***	524	*169*	602	*194*	241	*78*	195	*63*	972	*313*	***186***	306	*165*	306	*165*	97	*52*	98	*53*	512	*275*
Feb	***426***	250	*59*	330	*77*	557	*131*	486	*114*	316	*74*	***218***	101	*46*	155	*71*	282	*129*	143	*66*	287	*131*
Mar	***338***	376	*111*	455	*135*	218	*64*	343	*101*	426	*126*	***138***	96	*70*	286	*207*	38	*28*	112	*81*	170	*123*
Apr	***279***	294	*105*	181	*65*	318	*114*	392	*141*	573	*206*	***84***	90	*107*	77	*92*	81	*96*	62	*74*	122	*146*
May	***207***	151	*73*	235	*114*	157	*76*	616	*298*	108	*52*	***40***	26	*65*	34	*85*	10	*25*	67	*168*	11	*28*
Jun	***143***	88	*62*	299	*209*	182	*127*	217	*152*	122	*85*	***25***	2	*8*	66	*264*	9	*36*	23	*92*	14	*55*
Jul	***164***	188	*115*	196	*120*	255	*155*	170	*104*	203	*124*	***23***	10	*43*	27	*117*	6	*26*	26	*113*	27	*118*
Aug	***138***	173	*125*	207	*150*	163	*118*	218	*158*	36	*26*	***18***	51	*283*	39	*217*	41	*228*	15	*83*	3	*18*
Sep	***130***	74	*57*	48	*37*	58	*45*	71	*55*	102	*78*	***26***	11	*42*	20	*77*	2	*8*	9	*35*	33	*128*
Oct	***101***	92	*91*	200	*198*	59	*58*	91	*90*	68	*67*	***22***	11	*50*	62	*282*	19	*86*	6	*27*	41	*186*
Nov	***107***	107	*100*	85	*79*	88	*82*	149	*139*	234	*219*	***31***	13	*42*	60	*194*	5	*16*	35	*113*	81	*263*
Dec	***224***	442	*197*	121	*54*	288	*129*	74	*33*	363	*162*	***99***	189	*191*	110	*111*	72	*73*	82	*83*	172	*174*

Source: Mauritius Meteorological Services

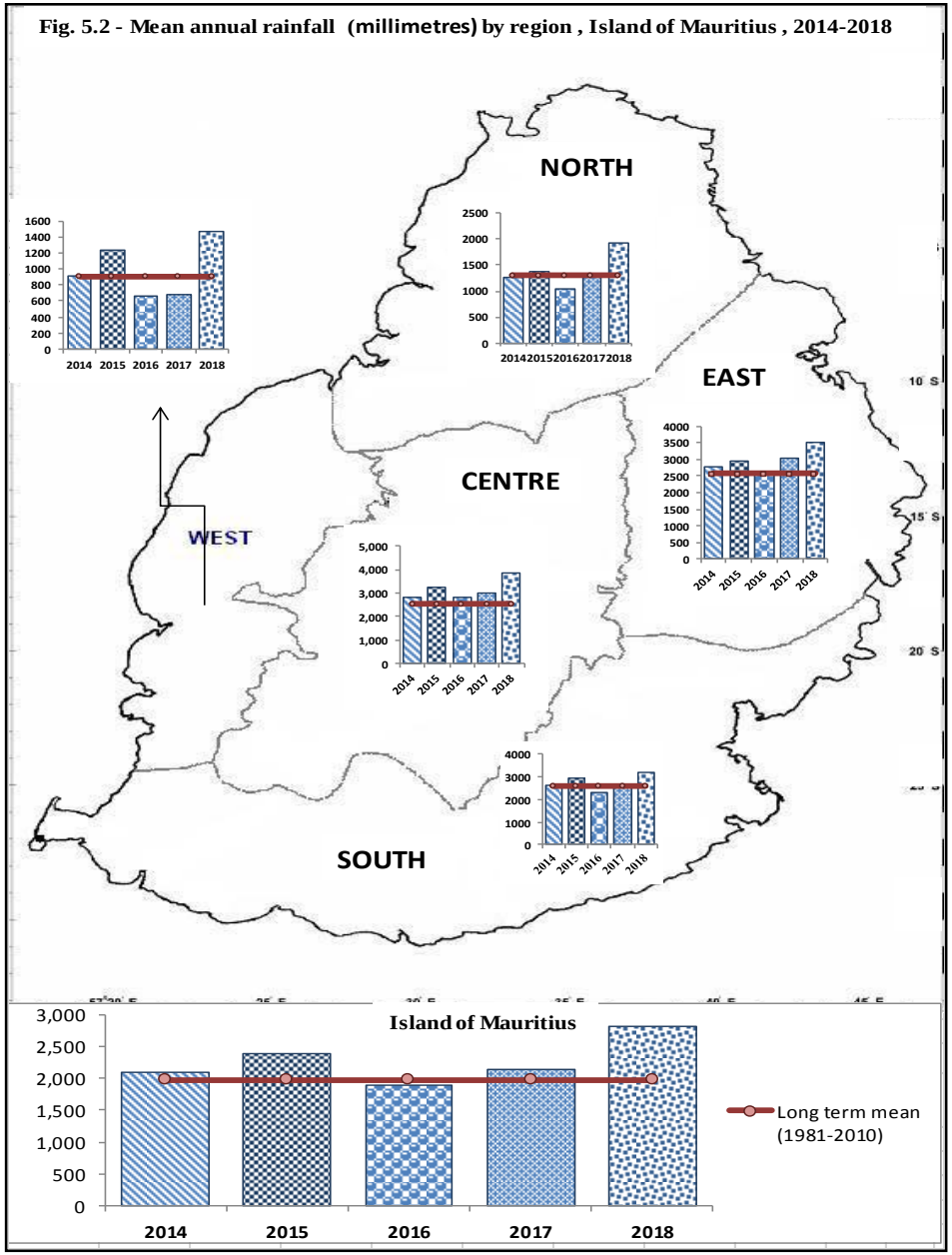
[1] *Revised*

Table 5.5 - Mean rainfall, 2014 - 2018, Island of Mauritius *(cont'd)*

Millimetres

Period	Long[1] Term Mean (1981-2010)	2014		2015		2016		2017		2018	
		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	**Centre**										
	2,534	**2,833**	***112***	**3,238**	***128***	**2,801**	***111***	**3,014**	***119***	**3,877**	***153***
Jan	***324***	510	*157*	606	*187*	246	*76*	224	*69*	1057	*326*
Feb	***420***	203	*48*	390	*93*	576	*137*	483	*115*	476	*113*
Mar	***343***	355	*103*	481	*140*	222	*65*	360	*105*	453	*132*
Apr	***244***	292	*120*	200	*82*	350	*143*	368	*151*	519	*213*
May	***194***	192	*99*	200	*103*	226	*116*	456	*235*	120	*62*
Jun	***143***	96	*67*	300	*210*	254	*178*	216	*151*	137	*96*
Jul	***192***	247	*129*	231	*120*	301	*157*	226	*118*	232	*121*
Aug	***156***	178	*114*	208	*133*	193	*124*	221	*142*	63	*41*
Sep	***126***	95	*75*	72	*57*	94	*75*	87	*69*	149	*119*
Oct	***103***	74	*72*	215	*209*	82	*80*	120	*117*	71	*69*
Nov	***95***	130	*137*	133	*140*	101	*106*	133	*140*	281	*296*
Dec	***196***	462	*236*	202	*103*	156	*80*	120	*61*	320	*163*
Year	**Whole Island**										
	1,975	**2,094**	***106***	**2,377**	***120***	**1,896**	***96***	**2,134**	***108***	**2,816**	***143***
Jan	***261***	419	*161*	455	*174*	185	*71*	146	*56*	794	*304*
Feb	***340***	184	*54*	271	*80*	442	*130*	332	*98*	337	*99*
Mar	***267***	270	*101*	400	*150*	153	*57*	264	*99*	319	*120*
Apr	***204***	247	*121*	134	*66*	245	*120*	265	*130*	394	*193*
May	***145***	127	*88*	165	*114*	127	*88*	367	*253*	78	*54*
Jun	***105***	61	*58*	218	*208*	133	*127*	152	*145*	103	*98*
Jul	***126***	126	*100*	150	*119*	180	*143*	160	*127*	154	*122*
Aug	***105***	116	*110*	143	*136*	130	*124*	145	*138*	36	*34*
Sep	***95***	54	*57*	46	*48*	49	*52*	56	*59*	87	*92*
Oct	***75***	64	*85*	152	*203*	50	*67*	69	*92*	55	*73*
Nov	***78***	89	*114*	96	*123*	64	*82*	105	*135*	195	*250*
Dec	***173***	336	*194*	147	*85*	138	*80*	73	*42*	264	*153*

Fig. 5.2 - Mean annual rainfall (millimetres) by region , Island of Mauritius , 2014-2018



Source: Mauritius Meteorological Services

Table 5.6 - Mean rainfall, 2014 - 2018, Island of Rodrigues

Millimetres

Period	Long Term Mean (1981-2010)	2014		2015		2016		2017		2018		Long Term Mean (1981-2010)	2014		2015		2016		2017		2018	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
Year	**Oyster Bay**											**Plaine Corail**										
	1,273	**1,329**	***104***	**1,385**	***109***	**916**	***72***	**1,122**	***88***	***1,691***	***133***	***1,006***	**1,143**	***114***	**1,338**	***133***	**707**	***70***	**918**	***92***	**1,741**	***174***
Jan	***173***	9	*5*	312	*181*	70	*41*	59	*34*	*450*	*261*	***133***	55	*42*	333	*250*	58	*44*	56	*42*	379	*284*
Feb	***179***	98	*55*	35	*20*	102	*57*	61	*34*	*204*	*114*	***166***	88	*53*	22	*13*	124	*75*	84	*50*	176	*106*
Mar	***146***	386	*263*	182	*124*	73	*50*	89	*61*	*298*	*204*	***135***	350	*260*	201	*149*	46	*34*	114	*85*	284	*211*
Apr	***147***	105	*71*	160	*109*	138	*94*	172	*117*	*319*	*217*	***116***	67	*58*	140	*121*	91	*79*	116	*100*	337	*291*
May	***94***	61	*64*	89	*94*	80	*85*	171	*182*	*17*	*18*	***74***	70	*95*	41	*55*	71	*96*	113	*152*	36	*49*
Jun	***82***	153	*187*	48	*59*	91	*112*	154	*189*	*49*	*60*	***61***	104	*170*	19	*31*	31	*51*	137	*224*	78	*127*
Jul	***106***	184	*173*	82	*77*	138	*130*	131	*123*	*104*	*98*	***65***	110	*170*	47	*72*	87	*134*	94	*145*	85	*131*
Aug	***83***	85	*102*	77	*92*	42	*51*	66	*79*	*32*	*38*	***47***	82	*174*	55	*117*	43	*92*	58	*122*	21	*45*
Sep	***62***	55	*89*	48	*77*	45	*73*	50	*81*	*45*	*72*	***46***	81	*177*	36	*78*	18	*38*	26	*57*	22	*49*
Oct	***58***	19	*33*	208	*361*	12	*21*	91	*157*	*36*	*63*	***37***	13	*34*	279	*754*	3	*8*	81	*222*	10	*28*
Nov	***75***	100	*134*	20	*27*	58	*77*	59	*79*	*69*	*92*	***64***	86	*134*	11	*17*	48	*75*	24	*37*	67	*105*
Dec	***68***	75	*110*	123	*181*	65	*95*	20	*29*	*69*	*100*	***62***	36	*58*	154	*248*	86	*139*	16	*27*	245	*402*
Year	**Port Sud Est**											**Marechal**										
	1,098	**760**	***69***	**1,025**	***93***	**429**	***39***	**410**	***37***	***1,056***	***96***	***1,469***	**1,056**	***72***	**1,061**	***72***	**522**	***36***	**698**	**48**	**-**	**-**
Jan	***156***	4	*3*	397	*254*	33	*21*	39	*25*	*201*	*128*	***180***	15	*8*	305	*169*	43	*24*	58	*32*	NA	-
Feb	***193***	40	*21*	9	*5*	73	*38*	37	*19*	*105*	*54*	***214***	76	*36*	17	*8*	88	*41*	36	*17*	165	*77*
Mar	***147***	230	*157*	132	*90*	88	*60*	96	*66*	*223*	*152*	***157***	321	*204*	127	*81*	99	*63*	74	*47*	183	*117*
Apr	***133***	40	*30*	124	*93*	44	*33*	90	*68*	*230*	*173*	***186***	59	*32*	95	*51*	83	*45*	83	*45*	327	*176*
May	***79***	50	*63*	42	*53*	39	*49*	59	*75*	*24*	*30*	***111***	61	*55*	44	*39*	90	*81*	101	*91*	22	*20*
Jun	***68***	117	*171*	27	*39*	32	*48*	-	-	*41*	*60*	***97***	108	*111*	31	*32*	0	*0*	114	*118*	NA	-
Jul	***71***	62	*87*	17	*24*	36	*51*	-	-	*60*	*84*	***108***	105	*97*	27	*25*	0	*0*	99	*92*	72	*67*
Aug	***56***	70	*124*	13	*23*	11	*20*	-	-	*4*	*8*	***93***	89	*95*	49	*52*	0	*0*	56	*60*	18	*20*
Sep	***47***	27	*57*	14	*30*	0	*0*	14	*30*	*14*	*30*	***73***	48	*66*	26	*36*	0	*0*	27	*37*	23	*31*
Oct	***41***	5	*12*	153	*376*	2	*6*	37	*91*	*17*	*43*	***69***	23	*33*	241	*348*	7	*10*	-	-	16	-
Nov	***51***	90	*176*	6	*11*	30	*59*	25	*50*	*68*	*133*	***97***	68	*69*	13	*13*	67	*69*	43	*44*	50	*51*
Dec	***55***	26	*48*	92	*168*	41	*74*	12	*21*	*68*	*124*	***83***	85	*102*	85	*102*	45	*53*	7	*8*	73	*87*

Source: Mauritius Meteorological Services *NA: Data not Available*

Table 5.6 - Mean rainfall, 2014 - 2018, Island of Rodrigues *(cont'd)*

Millimetres

Period	Long Term Mean	2014		2015		2016		2017		2018		Long Term Mean	2014		2015		2016		2017		2018	
		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**										**(1993-2010)**	**Baie Topaze**									
	1,380	**1,347**	***98***	**1,480**	***107***	**1,034**	***75***	**1,112**	***81***	**1,930**	***140***	***1,022***	**1,139**	***112***	**1,215**	***119***	**715**	***70***	**1,053**	***103***	**-**	**-**
Jan	***155***	58	*38*	391	*252*	65	*42*	60	*39*	469	*302*	***134***	50	*37*	287	*214*	90	*67*	122	*91*	416	*310*
Feb	***203***	84	*41*	49	*24*	97	*48*	30	*15*	173	*85*	***152***	*77*	*51*	39	*26*	80	*53*	101	*66*	NA	-
Mar	***160***	351	*220*	207	*130*	107	*67*	98	*62*	309	*193*	***142***	322	*227*	184	*130*	42	*30*	102	*72*	276	*195*
Apr	***170***	121	*71*	179	*105*	133	*78*	176	*104*	372	*219*	***116***	56	*48*	134	*115*	94	*81*	120	*103*	374	*321*
May	***104***	88	*84*	100	*95*	119	*114*	197	*189*	33	*32*	***73***	76	*104*	64	*87*	66	*91*	107	*145*	45	*62*
Jun	***85***	125	*147*	40	*47*	94	*110*	136	*159*	100	*117*	***73***	123	*168*	14	*19*	36	*49*	146	*199*	30	*41*
Jul	***109***	196	*181*	77	*71*	136	*125*	145	*133*	140	*129*	***71***	119	*167*	45	*64*	89	*126*	104	*147*	90	*127*
Aug	***91***	87	*95*	75	*82*	62	*68*	69	*76*	43	*47*	***60***	85	*141*	59	*98*	41	*68*	63	*104*	18	*31*
Sep	***74***	40	*55*	37	*49*	57	*77*	28	*37*	58	*78*	***45***	58	*128*	49	*108*	34	*76*	26	*57*	39	*87*
Oct	***65***	11	*16*	186	*286*	13	*19*	83	*127*	66	*101*	***46***	14	*30*	252	*549*	8	*17*	102	*221*	21	*47*
Nov	***88***	97	*110*	35	*40*	86	*98*	66	*76*	95	*108*	***64***	70	*110*	10	*16*	104	*163*	50	*78*	68	*107*
Dec	***75***	88	*117*	104	*138*	67	*89*	23	*31*	73	*97*	***46***	91	*198*	78	*171*	30	*65*	12	*26*	NA	-
Year	**(1982-2010)**	**Citronelle**										**(2001-2010)**	**Roche Bon Dieu [1]**			**(2001-2010)**	**Terre Rouge [1]**			**(2004-2010)**	**Welcome [1]**	
	1,696	**1,630**	***96***	**1,804**	***106***	**1,304**	***77***	**1,200**	***71***	**-**	**-**	***1,313***	**-**	**-**		***1,380***	**1,669**	***121***		***1,053***	**-**	**-**
Jan	***181***	78	*43*	413	*229*	105	*58*	85	*47*	629	*348*	***131***	NA	NA		*109*	445	*409*		*130*	385	*296*
Feb	***244***	89	*36*	49	*20*	126	*51*	38	*16*	N/A	-	***207***	NA	NA		*151*	162	*107*		*153*	NA	*NA*
Mar	***186***	408	*220*	249	*134*	137	*74*	104	*56*	308	*166*	***214***	NA	NA		*264*	228	*86*		*148*	293	*198*
Apr	***206***	127	*61*	217	*105*	158	*77*	135	*65*	463	*224*	***167***	NA	NA		*189*	326	*173*		*105*	322	*306*
May	***143***	80	*56*	105	*73*	167	*117*	210	*147*	37	*26*	***118***	NA	NA		*134*	44	*33*		*107*	44	*41*
Jun	***117***	176	*150*	36	*31*	126	*108*	193	*164*	93	*79*	***82***	NA	NA		*89*	87	*98*		*64*	69	*107*
Jul	***137***	218	*160*	92	*68*	200	*146*	150	*110*	148	*108*	***112***	NA	NA		*113*	125	*111*		*90*	85	*94*
Aug	***112***	123	*110*	80	*71*	90	*80*	90	*80*	60	*54*	***68***	NA	NA		*90*	41	*45*		*55*	28	*50*
Sep	***97***	54	*56*	42	*44*	41	*42*	66	*68*	69	*71*	***79***	NA	NA		*81*	37	*46*		*50*	37	*75*
Oct	***83***	36	*43*	317	*380*	3	*3*	103	*123*	66	*79*	***48***	NA	NA		*58*	40	*68*		*38*	22	*59*
Nov	***105***	143	*136*	39	*37*	83	*79*	...	...	N/A	-	***41***	NA	NA		*48*	67	*139*		*59*	77	*130*
Dec	***85***	98	*116*	165	*195*	68	*81*	28	*33*	N/A	-	***46***	NA	NA		*53*	66	*125*		*53*	117	*220*

Source: Mauritius Meteorological Services

[1] *Data refers to year 2018*

NA: Data not Available

Table 5.6 - Mean rainfall, 2014 - 2018, Island of Rodrigues *(cont'd)*

Millimetres

Period	Long Term Mean (1981-2010)	2014		2015		2016		2017		2018	
		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	**Pte Canon**										
	1,103	***1,145***	***104***	***1,272***	***115***	***840***	***76***	***970***	***88***	***1,602***	***145***
Jan	***149***	*44*	*30*	*303*	*203*	*46*	*31*	*52*	*35*	*407*	*273*
Feb	***160***	*62*	*39*	*37*	*23*	*82*	*51*	*36*	*22*	*148*	*92*
Mar	***133***	*304*	*228*	*168*	*126*	*84*	*63*	*85*	*64*	*207*	*155*
Apr	***138***	*113*	*82*	*156*	*113*	*123*	*89*	*174*	*126*	*317*	*229*
May	***84***	*76*	*91*	*89*	*106*	*107*	*128*	*157*	*187*	*37*	*44*
Jun	***72***	*105*	*146*	*31*	*43*	*78*	*109*	*130*	*181*	*96*	*133*
Jul	***87***	*174*	*200*	*67*	*77*	*92*	*105*	*89*	*102*	*131*	*151*
Aug	***63***	*56*	*89*	*68*	*108*	*50*	*80*	*57*	*90*	*39*	*62*
Sep	***51***	*36*	*70*	*42*	*82*	*43*	*85*	*40*	*79*	*30*	*60*
Oct	***43***	*22*	*51*	*189*	*440*	*10*	*23*	*67*	*155*	*48*	*111*
Nov	***64***	*74*	*116*	*22*	*34*	*55*	*86*	*62*	*96*	*72*	*113*
Dec	***58***	*78*	*134*	*100*	*172*	*68*	*117*	*20*	*35*	*70*	*120*

Source: Mauritius Meteorological Services

Figure 5.3 - Mean annual rainfall by region, 2014 -2018, Island of Rodrigues

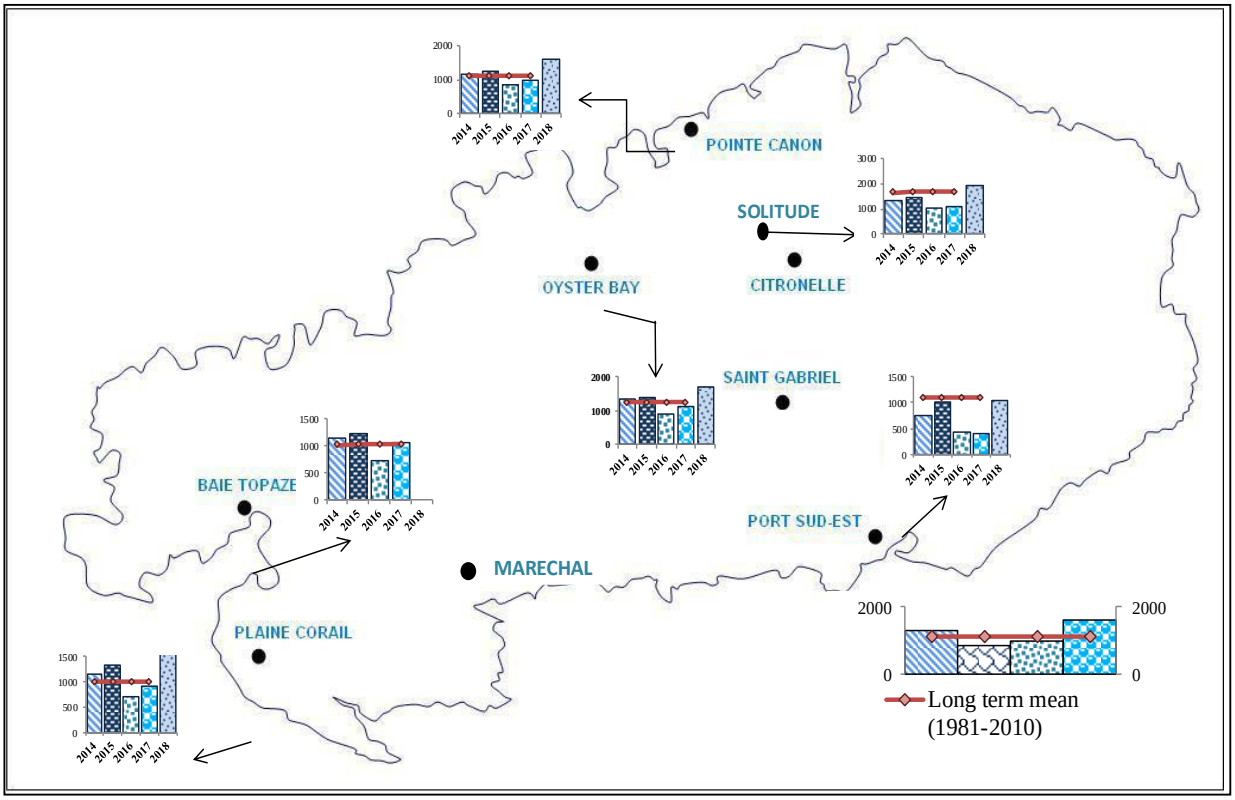


Table 5.7- Percentage of water level by month and reservoir, 2014 - 2018, Island of Mauritius

Period	Average for 1990-1999 (%)	2014			2015			2016			2017			2018		
		%														
		Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.
Mare aux Vacoas (Capacity 25.89 Mm^3)																
Jan	*60*	65	56	67	75	63	99	71	69	72	51	48	56	82	53	100
Feb	*65*	72	67	74	100	99	100	82	70	88	61	47	67	99	97	100
Mar	*80*	77	72	84	98	96	100	88	85	90	67	64	70	98	96	99
Apr	*83*	86	81	90	95	92	97	90	83	96	71	69	74	99	97	100
May	*83*	90	87	92	88	84	91	97	95	100	98	81	100	95	92	98
Jun	*81*	84	80	87	89	86	93	98	94	99	97	95	99	88	86	92
Jul	*79*	80	78	82	92	90	98	99	98	100	95	93	96	91	87	95
Aug	*80*	82	81	83	98	96	100	98	94	100	98	97	100	89	84	94
Sep	*78*	77	74	81	94	89	98	90	86	94	92	87	97	84	80	87
Oct	*72*	68	63	73	88	85	91	80	76	86	81	75	87	74	68	80
Nov	*63*	58	54	63	83	80	85	72	67	75	72	67	76	62	58	67
Dec	*58*	56	53	63	75	70	80	62	56	67	60	54	66	58	54	61
La Nicoliere (Capacity 5.26 Mm^3)																
Jan	*63*	84	57	100	99	95	100	65	61	79	61	56	65	87	43	100
Feb	*75*	91	81	100	96	85	100	94	81	100	86	62	99	97	93	100
Mar	*91*	88	78	100	100	100	100	99	94	100	93	83	100	99	93	100
Apr	*92*	94	82	100	98	88	100	97	88	100	100	99	100	99	88	100
May	*95*	98	84	100	95	87	100	100	99	100	100	98	100	80	72	100
Jun	*94*	68	58	84	100	93	100	99	96	100	98	90	100	67	65	70
Jul	*93*	61	58	72	100	97	100	100	100	100	85	74	93	86	67	99
Aug	*94*	82	73	87	100	99	100	98	89	100	94	83	100	75	61	96
Sep	*89*	74	60	83	77	62	100	73	68	87	80	61	100	67	60	72
Oct	*69*	50	43	60	67	62	73	58	48	67	49	38	60	47	44	59
Nov	*46*	39	30	48	65	63	67	49	47	51	39	37	42	49	46	60
Dec	*39*	62	39	97	61	60	63	58	45	63	36	32	40	60	56	64
Piton du Milieu (Capacity 2.99 Mm^3)																
Jan	*64*	93	61	100	100	97	100	52	50	54	42	38	48	96	62	100
Feb	*72*	99	98	100	99	99	100	82	52	100	85	42	100	100	99	100
Mar	*88*	99	99	100	99	98	100	99	98	100	99	98	100	100	99	100
Apr	*89*	99	97	100	98	95	100	99	95	100	99	99	100	100	99	100
May	*91*	98	95	100	91	89	95	99	99	100	99	98	100	97	94	99
Jun	*86*	88	81	94	95	91	100	100	99	100	99	98	100	89	83	94
Jul	*83*	77	74	83	99	98	100	100	99	100	99	98	100	86	82	88
Aug	*83*	87	83	88	98	96	100	99	96	100	99	99	100	81	74	87
Sep	*81*	83	76	88	89	81	96	90	84	96	95	91	99	77	73	80
Oct	*73*	67	59	76	80	76	84	77	70	84	83	77	90	67	60	73
Nov	*60*	50	43	58	72	66	75	64	57	70	74	72	77	54	48	64
Dec	*57*	55	39	96	57	50	65	53	49	57	66	63	71	73	64	100

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

Table 5.7 - Percentage of water level by month and reservoir, 2014 - 2018, Island of Mauritius ***(cont'd)***

Period	Average for 1990-1999 (%)	2014			2015			2016			2017			2018		
		%														
		Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.
La Ferme (Capacity 11.52 Mm^3)																
Jan	*23*	67	43	82	61	46	70	54	53	56	32	29	37	58	29	78
Feb	*30*	88	82	91	72	70	76	69	55	81	46	30	57	83	75	91
Mar	*64*	90	88	91	83	73	87	81	78	84	66	57	77	86	81	91
Apr	*75*	89	86	91	81	80	83	79	76	81	79	76	81	78	77	80
May	*77*	87	82	90	80	78	81	80	78	81	83	81	86	75	75	76
Jun	*69*	77	71	81	81	79	84	81	78	83	85	81	87	73	69	76
Jul	*58*	64	60	70	84	83	86	81	80	83	75	71	81	68	67	69
Aug	*49*	57	55	60	83	80	86	83	82	84	68	66	71	61	55	67
Sep	*37*	51	45	55	75	68	80	79	74	82	61	58	66	52	46	55
Oct	*25*	38	33	45	64	59	68	69	63	74	54	49	59	40	35	46
Nov	*13*	29	24	33	59	56	62	57	51	63	43	37	49	31	28	35
Dec	*10*	28	22	45	54	53	55	43	37	50	32	29	37	37	32	46
Mare Longue (Capacity 6.28 Mm^3)																
Jan	*32*	74	62	78	81	68	100	8	0	15	60	56	65	87	61	100
Feb	*48*	91	79	96	96	89	99	32	15	45	75	57	81	100	99	100
Mar	*73*	98	95	100	98	93	100	53	45	57	84	79	89	99	99	100
Apr	*75*	99	98	100	84	73	92	68	57	79	90	88	94	99	98	100
May	*77*	93	75	100	61	50	72	88	79	96	97	52	100	97	94	99
Jun	*73*	70	65	75	48	43	53	99	96	100	96	94	98	92	89	95
Jul	*65*	65	64	65	59	53	66	100	99	100	93	92	95	96	90	99
Aug	*63*	66	65	66	59	52	65	99	99	100	97	94	100	94	90	99
Sep	*58*	64	62	66	43	34	63	99	98	99	93	89	98	90	87	92
Oct	*46*	55	50	62	30	25	34	92	86	98	84	79	89	83	78	87
Nov	*28*	46	43	50	25	21	27	81	76	86	75	71	79	74	70	78
Dec	*20*	52	45	67	5	0	21	71	64	76	66	61	70	72	69	76
All reservoirs, ***excluding Midlands Dam*** (Capacity 51.94 Mm^3)																
Jan	*49*	70	54	77	77	66	92	58	56	61	49	46	53	79	48	95
Feb	*56*	80	54	83	93	90	94	74	61	83	63	46	71	95	93	98
Mar	*77*	85	82	89	95	93	96	84	83	86	73	69	79	96	94	97
Apr	*82*	90	86	92	91	87	93	86	80	91	80	78	82	95	92	96
May	*83*	91	85	94	84	80	86	93	91	94	95	86	96	89	87	94
Jun	*79*	79	74	85	83	81	87	94	93	96	95	92	96	83	81	87
Jul	*75*	73	71	74	89	86	91	95	95	96	90	87	92	86	81	89
Aug	*73*	75	74	76	90	89	92	95	92	96	91	89	93	81	75	89
Sep	*68*	70	65	74	82	74	89	87	83	91	84	79	91	76	71	78
Oct	*58*	58	53	64	73	69	77	77	71	83	72	66	78	64	59	71
Nov	*46*	48	44	53	68	65	70	67	62	71	62	58	66	55	51	59
Dec	*41*	50	43	65	59	56	65	58	53	62	52	48	57	56	54	61
Midlands Dam (Capacity 25.5 Mm^3)																
Jan	*Impounding of reservoir started on 13 September 2002*	56	39	64	78	61	100	64	61	66	42	36	49	82	48	100
Feb		71	66	76	99	99	100	76	59	90	56	38	65	100	99	100
Mar		86	77	100	99	99	100	97	90	99	73	65	81	100	99	100
Apr		99	99	100	99	99	100	99	99	100	89	81	97	100	99	100
May		99	98	100	99	99	100	99	98	100	100	99	100	98	97	99
Jun		98	93	99	99	98	100	99	98	100	99	99	100	93	88	98
Jul		88	85	92	99	99	100	99	98	100	99	99	100	86	84	88
Aug		86	85	87	99	99	100	99	98	100	99	99	100	81	76	84
Sep		81	75	85	98	93	99	96	91	99	99	96	99	73	69	75
Oct		65	56	75	93	90	95	84	77	94	87	79	96	61	51	69
Nov		50	45	56	87	81	90	69	61	76	73	71	78	45	40	51
Dec		46	40	60	72	63	80	55	49	60	60	49	70	51	47	59

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

Figure 5.4 - Water level in each reservoir, 2014 - 2018, Island of Mauritius

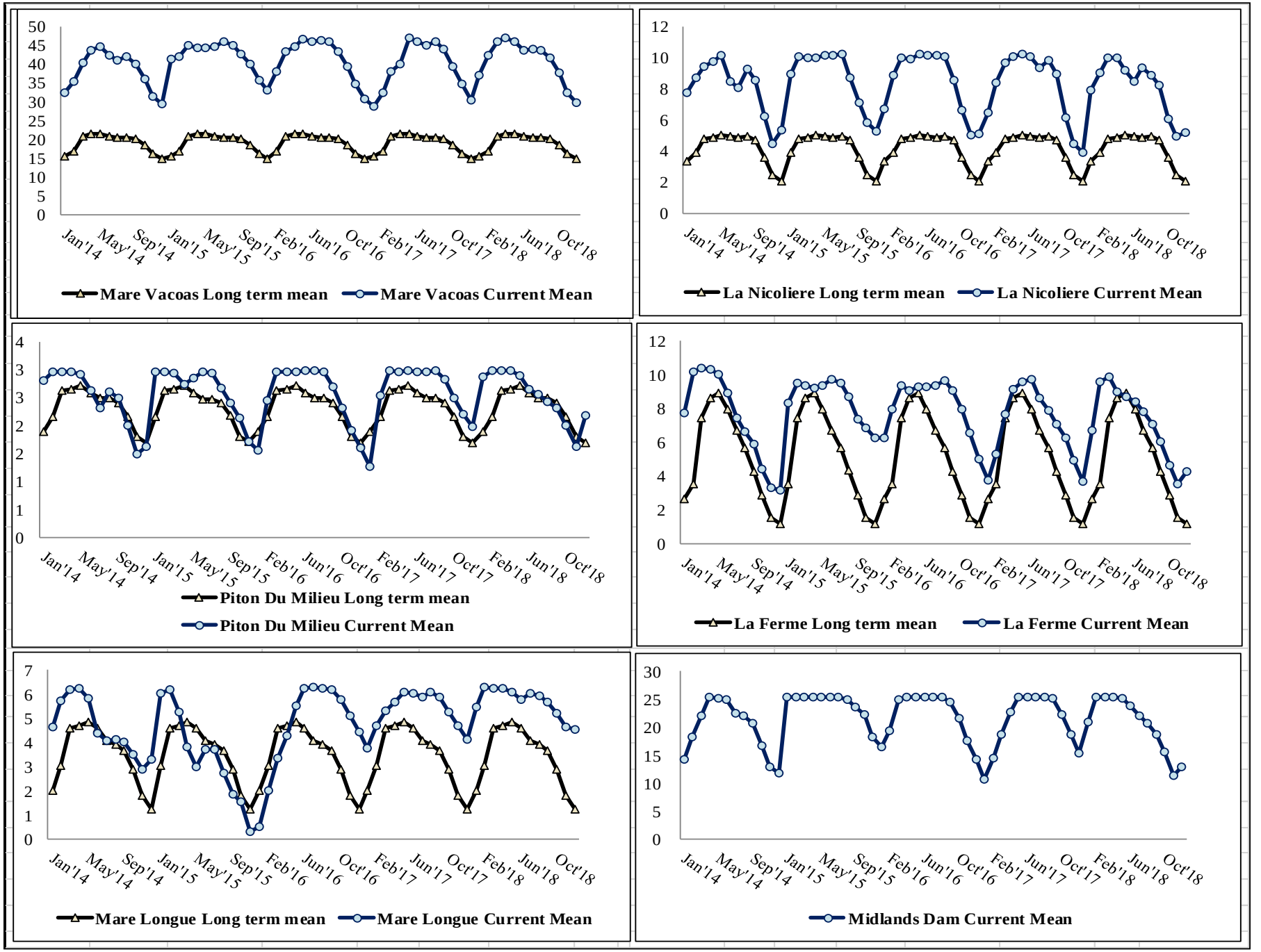


Table 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2014 - 2018, Island of Mauritius

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface (%)	Borehole (%)
	Mm^3																						
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
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 5.8 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2014 - 2018, Island of Mauritius *(cont'd)*

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface (%)	Borehole (%)
	Mm^3																						
2016	**44.6**	**7.7**	**52.3**	**0.0**	**33.8**	**33.8**	**21.3**	**14.3**	**35.6**	**26.0**	**24.8**	**50.8**	**10.7**	**24.7**	**35.4**	**13.3**	**26.1**	**39.4**	**115.9**	**131.4**	**247.3**	**47**	**53**
Jan	3.7	0.7	**4.4**	0.0	2.9	**2.9**	2.3	1.3	**3.6**	2.2	2.1	**4.3**	1.0	2.1	**3.1**	1.2	2.1	**3.3**	10.4	11.2	**21.6**	48	52
Feb	3.6	0.6	**4.2**	0.0	2.6	**2.6**	2.2	1.1	**3.3**	2.1	2.0	**4.1**	0.9	1.9	**2.8**	1.0	1.9	**2.9**	9.8	10.1	**19.9**	49	51
Mar	3.8	0.7	**4.5**	0.0	2.8	**2.8**	2.6	1.2	**3.8**	2.4	2.1	**4.5**	0.9	2.1	**3.0**	1.1	2.2	**3.3**	10.8	11.1	**21.9**	49	51
Apr	3.7	0.6	**4.3**	0.0	2.8	**2.8**	1.7	1.4	**3.1**	2.1	2.1	**4.2**	0.8	2.1	**2.9**	1.1	2.2	**3.3**	9.4	11.2	**20.6**	46	54
May	3.6	0.7	**4.3**	0.0	2.9	**2.9**	1.6	1.2	**2.8**	2.2	2.1	**4.3**	0.9	2.1	**3.0**	1.1	2.2	**3.3**	9.4	11.2	**20.6**	46	54
Jun	3.5	0.6	**4.1**	0.0	2.7	**2.7**	1.5	1.2	**2.7**	2.1	2.0	**4.1**	0.9	2.0	**2.9**	1.0	2.3	**3.3**	9.0	10.8	**19.8**	45	55
Jul	3.8	0.7	**4.5**	0.0	3.0	**3.0**	1.6	1.1	**2.7**	2.2	2.1	**4.3**	0.9	2.1	**3.0**	1.0	2.4	**3.4**	9.5	11.4	**20.9**	45	55
Aug	3.9	0.7	**4.6**	0.0	2.7	**2.7**	1.7	1.1	**2.8**	2.2	2.0	**4.2**	0.9	2.1	**3.0**	1.1	2.3	**3.4**	9.8	10.9	**20.7**	47	53
Sep	3.6	0.6	**4.2**	0.0	3.4	**3.4**	1.6	1.3	**2.9**	2.1	1.9	**4.0**	0.9	2.0	**2.9**	1.2	2.2	**3.4**	9.4	11.4	**20.8**	45	55
Oct	3.9	0.6	**4.5**	0.0	2.9	**2.9**	1.5	1.3	**2.8**	2.2	2.2	**4.4**	0.9	2.2	**3.1**	1.2	2.4	**3.6**	9.7	11.6	**21.3**	46	54
Nov	3.6	0.6	**4.2**	0.0	2.7	**2.7**	1.4	1.1	**2.5**	2.1	2.2	**4.3**	0.9	2.0	**2.9**	1.2	2.1	**3.3**	9.2	10.7	**19.9**	46	54
Dec	3.9	0.6	**4.5**	0.0	2.4	**2.4**	1.6	1.0	**2.6**	2.1	2.0	**4.1**	0.8	2.0	**2.8**	1.1	1.8	**2.9**	9.5	9.8	**19.3**	49	51
2017	**43.6**	**7.8**	**51.4**	**10.6**	**35.5**	**46.2**	**31.3**	**13.0**	**44.2**	**31.2**	**7.8**	**39.0**	**11.3**	**26.6**	**38.0**	**15.6**	**26.9**	**42.5**	**143.6**	**117.7**	**261.3**	**55**	**45**
Jan	3.6	0.7	**4.2**	0.9	2.6	**3.5**	2.3	1.1	**3.4**	2.6	0.6	**3.2**	1.0	2.1	**3.0**	1.2	2.4	**3.6**	11.5	9.3	**20.8**	55	45
Feb	3.3	0.6	**3.9**	0.8	2.9	**3.6**	2.4	0.8	**3.2**	2.4	0.6	**3.0**	0.9	2.0	**2.9**	1.3	2.1	**3.4**	11.1	9.0	**20.1**	55	45
Mar	3.7	0.8	**4.4**	0.8	3.2	**4.0**	2.6	1.2	**3.8**	2.7	0.7	**3.4**	0.9	2.3	**3.2**	1.5	2.2	**3.7**	12.1	10.3	**22.4**	54	46
Apr	3.5	0.6	**4.1**	0.8	3.0	**3.8**	2.4	1.1	**3.5**	2.5	0.6	**3.1**	1.0	2.3	**3.2**	1.3	2.3	**3.5**	11.4	9.8	**21.2**	54	46
May	3.7	0.7	**4.4**	0.9	3.1	**4.0**	2.7	1.1	**3.8**	2.7	0.7	**3.4**	1.0	2.4	**3.4**	1.3	2.3	**3.6**	12.2	10.3	**22.5**	54	46
Jun	3.6	0.7	**4.3**	0.9	2.9	**3.8**	2.8	1.1	**3.9**	2.5	0.7	**3.2**	1.0	2.2	**3.2**	1.5	2.2	**3.7**	12.2	9.7	**21.9**	56	44
Jul	3.7	0.7	**4.4**	0.9	3.1	**4.0**	2.8	1.1	**3.9**	2.6	0.7	**3.3**	0.9	2.3	**3.2**	1.3	2.3	**3.6**	12.2	10.1	**22.2**	55	45
Aug	3.7	0.7	**4.4**	0.9	3.1	**4.0**	2.5	1.1	**3.6**	2.5	0.7	**3.2**	1.0	2.4	**3.4**	1.1	2.4	**3.5**	11.7	10.4	**22.0**	53	47
Sep	3.7	0.6	**4.3**	0.9	3.0	**3.9**	2.7	1.1	**3.8**	2.4	0.7	**3.1**	0.9	2.1	**3.0**	1.2	2.2	**3.4**	11.8	9.7	**21.5**	55	45
Oct	3.8	0.6	**4.4**	0.9	3.0	**3.9**	2.8	1.1	**3.9**	2.6	0.7	**3.3**	0.9	2.3	**3.2**	1.2	2.3	**3.5**	12.2	10.0	**22.2**	55	45
Nov	3.7	0.6	**4.3**	0.9	3.0	**3.9**	2.7	1.1	**3.8**	2.7	0.6	**3.3**	0.9	2.3	**3.2**	1.4	2.2	**3.6**	12.3	9.8	**22.1**	56	44
Dec	3.8	0.7	**4.4**	1.2	2.8	**3.9**	2.7	1.1	**3.8**	3.0	0.6	**3.6**	1.0	2.1	**3.1**	1.4	2.2	**3.6**	13.0	9.4	**22.4**	58	42

Source: Central Water Authority

Table 5.8 -Average monthly potable water production from treatment plants and boreholes to distribution systems, 2014 - 2018, Island of Mauritius *(cont'd)*

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production			Surface (%)	Borehole (%)
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
	Mm^3																						
2018	**45.2**	**7.7**	**52.9**	**13.3**	**34.0**	**47.3**	**31.2**	**14.4**	**45.6**	**30.3**	**26.8**	**57.1**	**11.7**	**27.8**	**39.5**	**16.0**	**26.8**	**42.8**	**147.7**	**137.5**	**285.2**	**52**	**48**
Jan	3.8	0.7	**4.5**	1.2	3.0	**4.2**	2.0	1.4	**3.4**	2.7	2.3	**5.0**	1.0	2.5	**3.5**	1.2	2.3	**3.5**	11.9	12.2	**24.1**	**49**	**51**
Feb	3.4	0.6	**4.0**	1.1	2.7	**3.8**	2.5	1.3	**3.8**	2.3	2.1	**4.4**	0.8	2.3	**3.1**	1.1	2.1	**3.2**	11.2	11.1	**22.3**	**50**	**50**
Mar	3.8	0.7	**4.5**	1.2	3.0	**4.2**	2.8	1.4	**4.2**	2.4	2.3	**4.7**	1.0	2.4	**3.4**	1.2	2.4	**3.6**	12.4	12.2	**24.6**	**50**	**50**
Apr	3.6	0.7	**4.3**	1.1	3.0	**4.1**	2.5	1.4	**3.9**	2.4	2.2	**4.6**	1.0	2.4	**3.4**	1.1	2.3	**3.4**	11.7	12.0	**23.7**	**49**	**51**
May	3.8	0.7	**4.5**	1.2	2.9	**4.1**	2.8	1.4	**4.2**	2.7	2.3	**5.0**	1.0	2.5	**3.5**	1.5	2.3	**3.8**	13.0	12.1	**25.1**	**52**	**48**
Jun	3.7	0.6	**4.3**	1.1	2.8	**3.9**	2.6	1.4	**4.0**	2.5	2.3	**4.8**	1.0	2.3	**3.3**	1.4	2.3	**3.7**	12.3	11.7	**24.0**	**51**	**49**
Jul	3.8	0.7	**4.5**	1.1	2.8	**3.9**	2.7	0.9	**3.6**	2.7	2.3	**5.0**	1.0	2.5	**3.5**	1.5	2.4	**3.9**	12.8	11.6	**24.4**	**52**	**48**
Aug	3.9	0.6	**4.5**	1.1	2.9	**4.0**	2.8	1.0	**3.8**	2.7	2.2	**4.9**	1.0	2.3	**3.3**	1.6	2.3	**3.9**	13.1	11.3	**24.4**	**54**	**46**
Sep	3.8	0.6	**4.4**	1.1	2.8	**3.9**	2.6	0.9	**3.5**	2.6	2.1	**4.7**	1.0	2.3	**3.3**	1.4	2.2	**3.6**	12.5	10.9	**23.4**	**53**	**47**
Oct	3.9	0.6	**4.5**	0.8	2.7	**3.5**	2.6	1.1	**3.7**	2.9	2.2	**5.1**	1.0	2.1	**3.1**	1.5	2.2	**3.7**	12.7	10.9	**23.6**	**54**	**46**
Nov	3.8	0.6	**4.4**	1.1	2.6	**3.7**	2.7	1.1	**3.8**	1.8	2.3	**4.1**	0.9	1.9	**2.8**	1.2	1.9	**3.1**	11.5	10.4	**21.9**	**53**	**47**
Dec	3.9	0.6	**4.5**	1.2	2.8	**4.0**	2.6	1.1	**3.7**	2.6	2.2	**4.8**	1.0	2.3	**3.3**	1.3	2.1	**3.4**	12.6	11.1	**23.7**	**53**	**47**

Source: Central Water Authority

Figure 5.5 - Average Monthly Potable Water Production (Mm^3) from treatment plants and boreholes to distribution systems, 2016 - 2018, Island of Mauritius

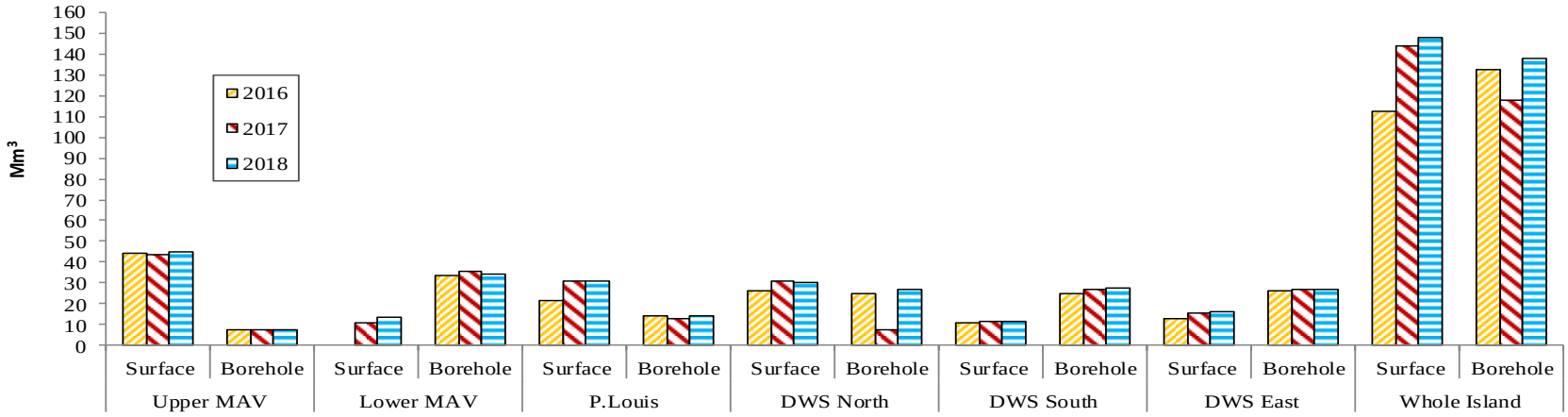


Table 5.9 - Water sales by tariff[1] of subscriber, 2015 - 2018, Island of Mauritius

Type of Tariff	No. of consumers	Volume sold (thousand m^3)	Amount Collectible (Rs 000)	Average Sales Price per m^3	No. of consumers	Volume sold (thousand m^3)	Amount Collectible (Rs 000)	Average Sales Price per m^3
	2015				**2016**			
Domestic	328,720	75,056	707,141	9.42	335,058	76,346	722,649	9.47
Public Sector Agency	2,533	3,959	94,835	23.96	2,548	4,048	97,262	24.03
Acquired / concessionary prises	31	11	140	12.22	30	13	186	14.60
Business	1,147	7,328	252,618	34.47	1,177	7,574	261,108	34.47
Commercial	13,873	6,147	163,046	26.52	14,382	6,502	173,643	26.71
Religious	2,080	625	12,257	19.62	2,125	651	13,078	20.08
Industrial	573	3,728	67,688	18.16	554	3,819	69,494	18.20
Sub total	***348,957***	***96,854***	***1,297,726***	***13.40***	***355,874***	***98,953***	**1,337,420**	***13.52***
Agriculture	3,977	1,308	19,250	14.72	4,077	1,363	20,439	14.99
Total potable water	***352,934***	***98,162***	***1,316,976***	***13.42***	***359,951***	***100,316***	**1,357,858**	***13.54***
Total non-treated water (Agriculture/ Industrial)	**369**	**14,858**	**66,240**	**4.46**	**377**	**18,543**	**96,977**	**5.23**
Grand Total	**353,303**	**113,020**	**1,383,216**	**12.24**	**360,328**	**118,859**	**1,454,835**	**12.24**
	2017				**2018**			
Domestic	341,939	80,157	775,101	9.67	348,036	83,005	810,071	9.76
Public Sector Agency	2,575	3,993	96,039	24.05	2,573	4,086	98,249	24.04
Acquired / concessionary prises	30	14	178	13.17	29	11	104	9.39
Business	1,216	7,798	268,798	34.47	1,270	8,404	289,545	34.45
Commercial	15,013	6,823	182,234	26.71	15,371	7,203	191,947	26.65
Religious	2,181	702	14,469	20.60	2,210	751	15,778	21.01
Industrial	544	3,735	67,935	18.19	529	3,682	66,972	18.19
Sub total	***363,498***	***103,222***	**1,404,755**	***13.61***	***370,018***	***107,142***	**1,472,666**	***13.75***
Agriculture	4,111	1,409	21,212	15.05	4,169	1,484	22,027	14.84
Total potable water	***367,609***	***104,631***	**1,425,967**	***13.63***	***374,187***	***108,626***	**1,494,693**	***13.76***
Total non-treated water (Agriculture/ Industrial)	**387**	**14,948**	**78,081**	**5.22**	**395**	**14,383**	**75,138**	**5.22**
Grand Total	**367,996**	**119,579**	**1,504,049**	**12.58**	**374,582**	**123,009**	**1,569,831**	**12.76**

[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

Figure 5.6 - Percentage of water sold by tariff of subscriber, 2018

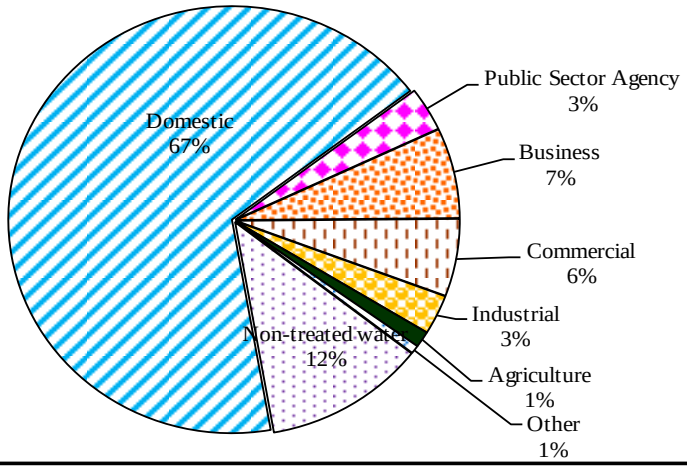


Figure 5.7 - Percentage of amount collectible by tariff of subscriber, 2018

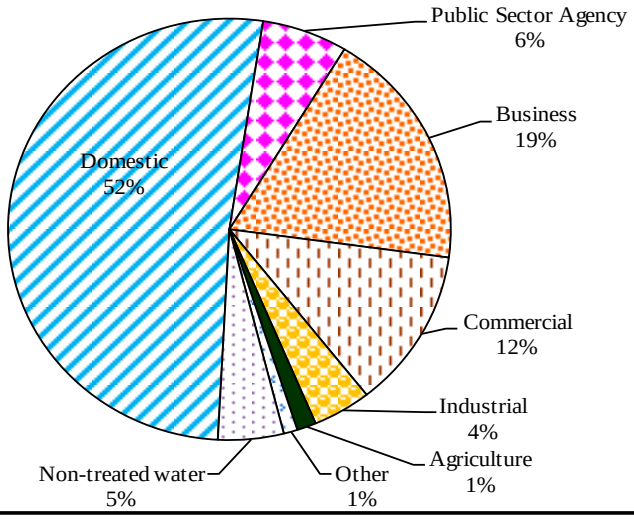
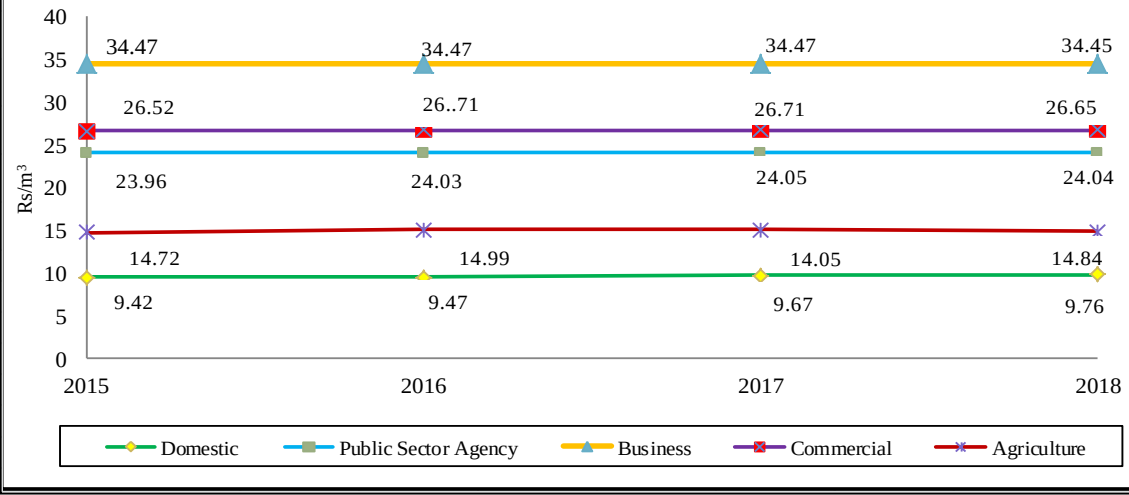


Figure 5.8 - Average sales price of water per m^3 by tariff of subscriber, 2015 - 2018, Island of Mauritius



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 and 2011, and private households having a Residual Current Device (RCD) at Housing Census 2011

Geographical location	Housing Census 2000				Housing Census 2011				
	Availability of electricity				Availability of electricity				Households having Residual Current Device (RCD)
	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 Rempart	24,269	169	4	24,442	29,292	80	1	29,373	20,250
Flacq	30,353	345	15	30,713	36,458	166	1	36,625	24,722
Grand Port	26,413	261	2	26,676	30,210	150	-	30,360	20,757
Savanne	16,680	133	5	16,818	18,916	76	-	18,992	12,300
Plaines Wilhems	93,337	405	20	93,762	103,786	126	9	103,921	76,289
Moka	18,428	110	3	18,541	22,058	62	2	22,122	15,401
Black River	15,217	358	4	15,579	20,894	131	-	21,025	16,945
Island of Mauritius	**286,744**	**2,367**	**59**	**289,170**	**330,063**	**1,207**	**21**	**331,291**	**237,704**
	99.2 %	***0.8 %***	***0.0 %***	***100.0%***	***99.6 %***	***0.4 %***	***0.0 %***	***100.0 %***	***71.8 %***
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**
	99.0 %	***1.0 %***	***0.0 %***	***100.0%***	***99.5 %***	***0.5 %***	***0.0 %***	***100.0 %***	***71.5 %***

Figure 6.1 - Percentage of households having Residual Current Device (RCD) Housing Census 2011

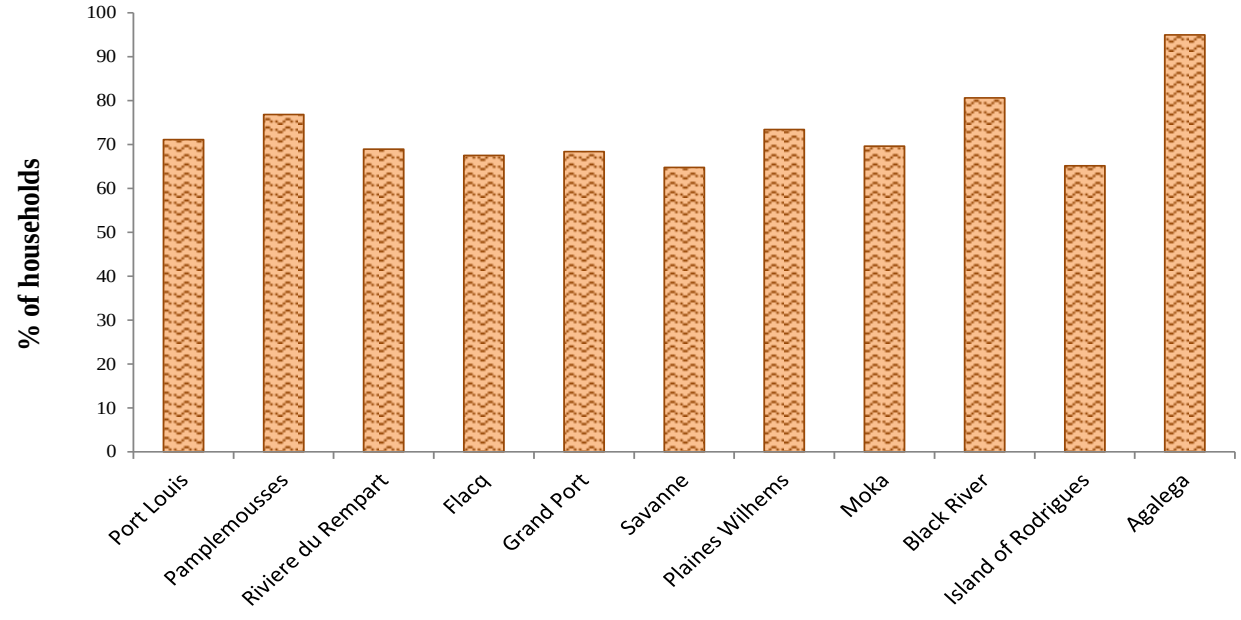
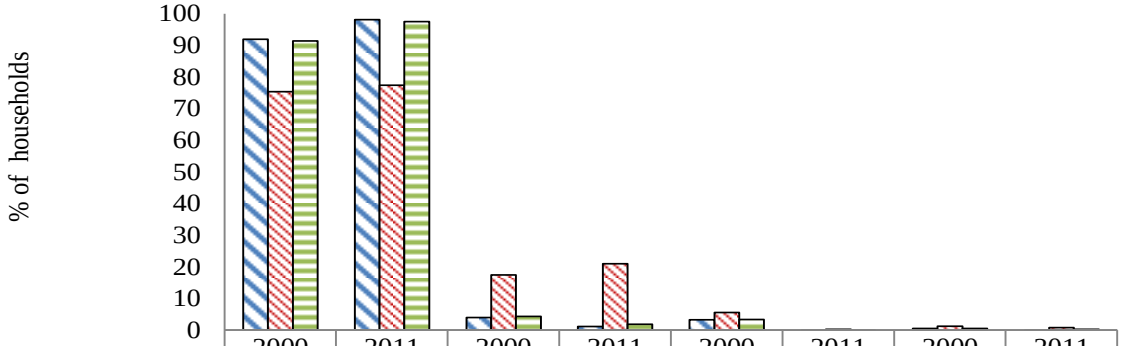


Table 6.2 - Private households by geographical location and principal fuel used for cooking, Housing Censuses 2000 and 2011

Geographical location	Principal fuel used for cooking							
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	Not Stated	Total
	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%***

Figure 6.2 - Percentage distribution of households by principal fuel used for cooking, Housing Censuses 2000 and 2011



	2000	2011	2000	2011	2000	2011	2000	2011
	Gas		Wood		Kerosene		Electricity	
% Island of Mauritius	91.9	98.2	4.0	1.2	3.3	0.1	0.5	0.2
% Island of Rodrigues	75.4	77.4	17.4	21.0	5.6	0.3	1.2	0.8
% Republic of Mauritius	91.5	97.5	4.3	1.8	3.4	0.1	0.5	0.3

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

Geographical location	Principal fuel used for heating water for bathing [1]						
	Electricity	Gas	Solar	Other	None[2]	Not Stated	Total
	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*

Figure 6.3 - Percentage distribution of households by principle fuel used in bathroom, Housing Censuses 2000 and 2011

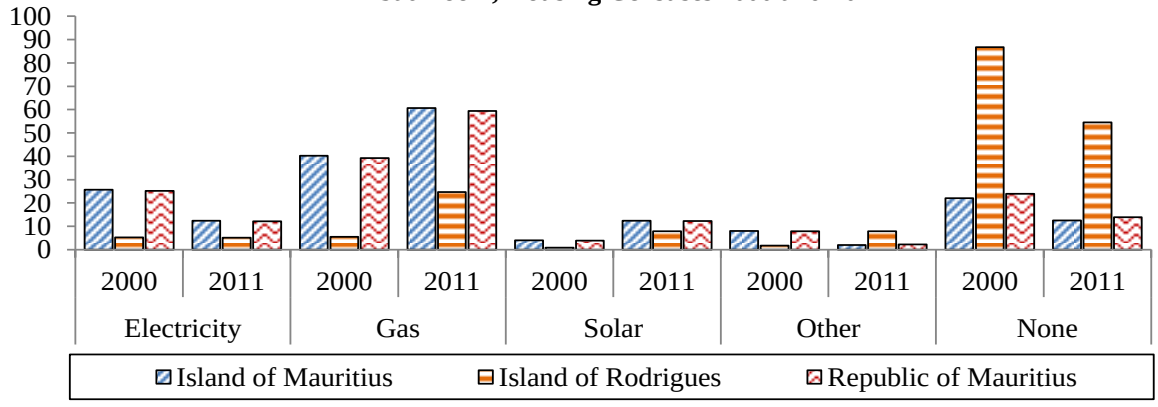
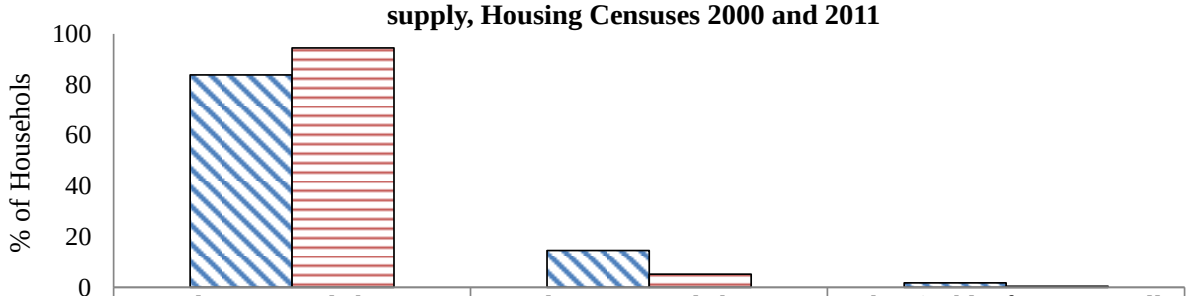


Table 6.4 - Private households by geographical location and type of water supply - Housing Censuses 2000 and 2011

Geographical location	Type of water supply							
	Piped water							
	Inside housing units	Outside on premises	Outside public fountain	Tank wagon	Well/ river	Other	Not stated	Total
	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
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%***	***0.3%***	***0.0%***	***100.0%***

Figure 6.4 - Percentage distribution of private households by type of water supply, Housing Censuses 2000 and 2011



	Piped water inside housing units	Piped water outside housing units	Other (Public fountain, well, river, etc)
2000	83.7	14.5	1.8
2011	94.3	5.2	0.5

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

Geographical location	Availability of domestic water tank/reservoir							
	Available	Not Available	Not stated	Total	Available	Not Available	Not stated	Total
	Housing Census 2000				**Housing Census 2011**			
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
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%***

Figure 6.5 - Percentage of private household connected to sewerage system, Housing Census 2011

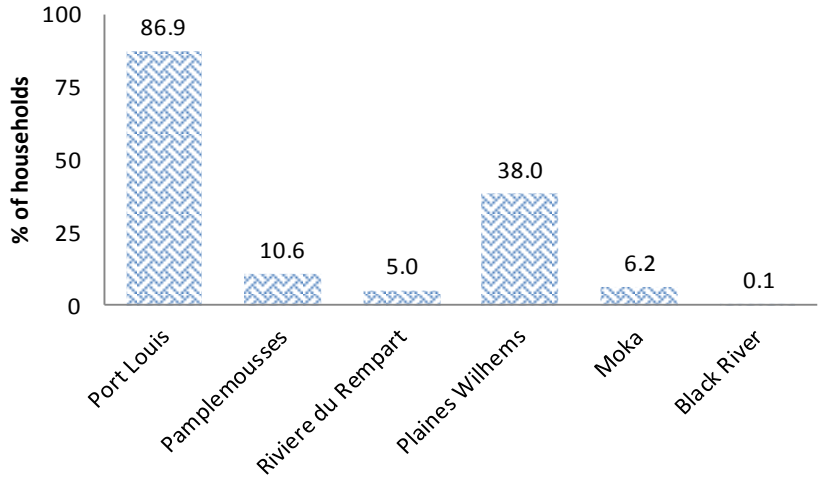
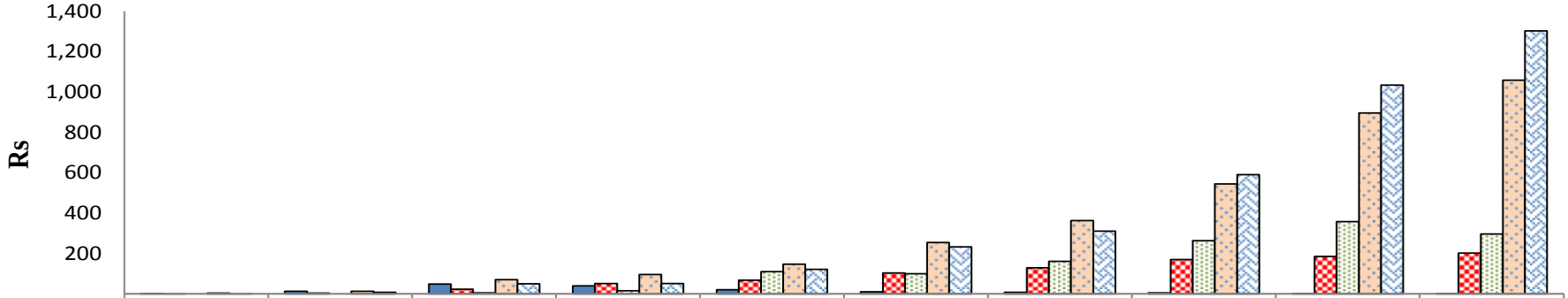
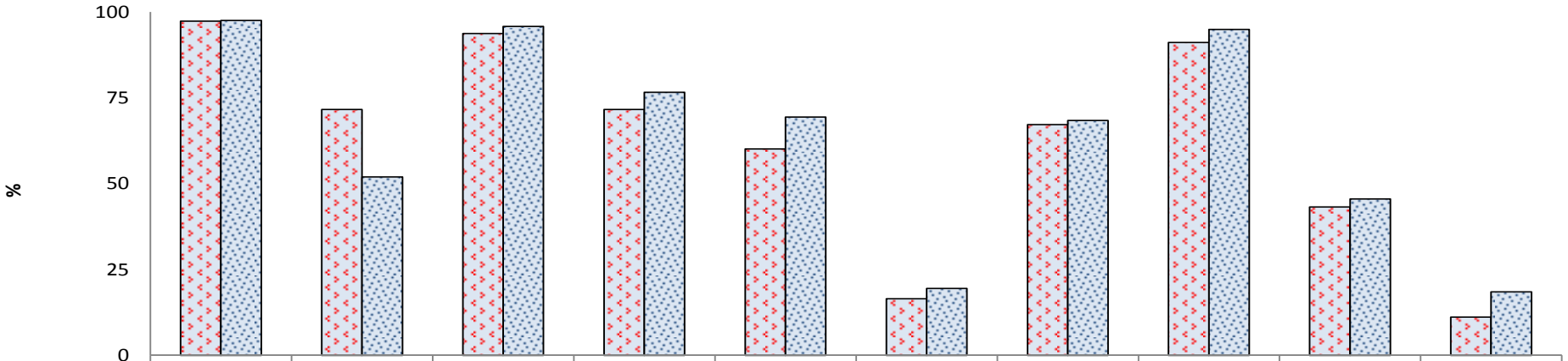


Figure 6.6 - Evolution of average monthly household expenditure on specific commodity, HBS[1] 1961 - 2017



	1961	1975	1980/81	1986/87	1991/92	1996/97	2001/02	2006/07	2012	2017
Kerosene	1.60	12.09	48.25	38.82	19.88	10.22	6.99	4.39	0.59	0.25
Water charges	0.95	2.90	22.10	50.25	67.82	102.88	129.22	169.59	185.03	201.3
Cooking gas	0.00	0.00	4.82	15.04	109.59	98.60	160.92	262.79	357.64	296.23
Electricity charges	3.40	12.41	69.42	94.84	146.77	253.40	362.98	544.55	896.60	1057.87
Gasolene	1.63	7.17	49.64	50.65	120.80	232.51	310.67	590.25	1,034.00	1302.62

Figure 6.7 - Percentage distribution of households with selected household electrical appliances, HBS[1] - 2012 and 2017



	Television	VCD / DVD	Refrigerator	Washing Machine	Microwave Oven	Vaccum Cleaner	Fixed Telephone	Mobile Telephone	Personal Computer	Air conditioner
2012	97.30	71.60	93.70	71.60	60.10	16.50	67.20	91.10	43.20	11.2
2017	97.5	52.0	95.8	76.6	69.4	19.5	68.4	94.9	45.6	18.5

[1] Household Budget Survey

Table 6.7 - Distribution of average monthly household consumption expenditure by Income Class for selected energy and water related items as at HBS[1] 2012 and 2017

(COICOP)[2]	Income Class (Rupees)																	
	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+	
	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017
Water supply	185.03	201.33	65.05	35.52	94.04	91.11	118.64	113.52	132.52	122.42	151.86	161.52	166.30	174.88	199.01	196.85	228.38	235.01
Sewage collection	39.23	52.76	10.41	5.69	18.77	19.76	23.61	33.84	26.22	37.89	35.13	43.16	37.87	48.35	38.96	45.62	48.90	62.76
Electricity	896.61	1,057.87	243.05	568.25	360.07	399.14	422.11	480.23	542.55	608.13	638.01	736.50	769.88	879.12	884.31	947.67	1,275.24	1,325.20
Cooking gas (LPG)	357.64	296.23	201.60	144.44	213.93	188.41	260.73	189.13	276.23	219.90	325.63	252.84	358.51	287.39	378.11	301.57	402.33	323.39
Liquid fuels	0.64	0.29	2.09	0.00	2.29	0.00	0.74	0.00	1.10	0.00	0.22	0.02	1.05	2.05	0.40	0.08	0.54	0.07
Solid fuels	1.39	0.64	0.00	0.00	0.00	0.00	0.20	0.25	0.48	0.00	0.35	0.31	0.15	0.00	3.53	0.38	1.41	1.08
Fuels and lubricants for personal transport equipment	1,218.34	1,422.12	91.62	0.00	27.10	10.58	63.02	44.86	130.23	98.26	257.05	199.70	545.16	417.91	873.60	784.55	2,705.60	2,503.46
All items	**21,240.56**	**25,348.18**	**4,382.31**	**6,547.73**	**5,181.24**	**5,184.09**	**7,003.88**	**7,063.48**	**8,946.93**	**8,150.50**	**11,908.66**	**11,151.76**	**14,794.13**	**14,870.56**	**18,575.74**	**19,448.22**	**36,429.00**	**37,285.10**
Percentage of total household consumption expenditure																		
Water supply	0.87	0.79	1.48	0.54	1.82	1.76	1.69	1.61	1.48	1.50	1.28	1.45	1.12	1.18	1.07	1.01	0.63	0.63
Sewage collection	0.18	0.21	0.24	0.09	0.36	0.38	0.34	0.48	0.29	0.46	0.29	0.39	0.26	0.33	0.21	0.23	0.13	0.17
Electricity	4.22	4.17	5.55	8.68	6.95	7.70	6.03	6.80	6.06	7.46	5.36	6.60	5.20	5.91	4.76	4.87	3.50	3.55
Cooking gas (LPG)	1.68	1.17	4.60	2.21	4.13	3.63	3.72	2.68	3.09	2.70	2.73	2.27	2.42	1.93	2.04	1.55	1.10	0.87
Liquid fuels	0.00	0.00	0.05	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
Solid fuels	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Fuels and lubricants for personal transport equipment	5.74	5.61	2.09	0.00	0.52	0.20	0.90	0.64	1.46	1.21	2.16	1.79	3.68	2.81	4.70	4.03	7.43	6.71

[1] Household Budget Survey

[2] Classification of individual consumption according to purpose

Table 6.8 - Distribution of average monthly household consumption expenditure by Expenditure Class for selected energy and water related items as at HBS[1] 2012 and 2017

(COICOP)[2]	Expenditure Class (Rupees)																	
	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+	
	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017
Water supply	185.03	201.33	53.07	83.29	83.93	79.29	116.16	116.15	145.91	155.09	166.73	173.28	200.27	197.39	213.32	221.42	249.26	255.59
Sewage collection	39.23	52.76	7.18	0.00	21.85	15.27	24.30	30.96	28.99	40.50	35.34	46.25	42.17	49.23	47.74	57.36	50.81	69.07
Electricity	896.61	1,057.87	167.49	253.65	313.63	393.28	464.45	559.35	610.23	676.65	727.38	833.98	909.47	985.92	1,062.22	1,144.89	1,486.45	1,518.37
Cooking gas (LPG)	357.64	296.23	164.49	149.45	203.62	178.23	276.76	214.65	307.81	248.50	348.35	283.39	383.42	306.86	404.54	319.42	405.43	324.59
Liquid fuels	0.64	0.29	1.15	0.00	0.76	0.00	0.38	0.03	1.37	0.07	0.30	0.16	0.48	0.02	0.92	1.01	0.54	0.04
Solid fuels	1.39	0.64	0.00	0.00	0.00	0.00	0.14	0.17	0.24	0.00	0.17	0.06	0.86	0.02	4.57	0.46	1.74	2.09
Fuels and lubricants for personal transport equipment	1,218.34	1,422.12	0.00	0.00	10.71	9.13	52.08	25.80	138.55	93.20	41.41	310.75	831.16	744.27	1,637.03	1,513.92	3,863.56	3,611.92
All purposes	**21,240.56**	**25,348.18**	**1,585.58**	**1,581.43**	**3,884.79**	**3,993.85**	**6,367.34**	**6,448.78**	**8,792.51**	**8,792.23**	**12,537.20**	**12,612.58**	**17,369.80**	**17,471.44**	**24,378.62**	**24,424.29**	**53,838.03**	**54,178.43**
Percentage of total household consumption expenditure																		
Water supply	0.87	0.79	3.35	5.27	2.16	1.99	1.82	1.80	1.66	1.76	1.33	1.37	1.15	1.13	0.88	0.91	0.46	0.47
Sewage collection	0.18	0.21	0.45	0.00	0.56	0.38	0.38	0.48	0.33	0.46	0.28	0.37	0.24	0.28	0.20	0.23	0.09	0.13
Electricity	4.22	4.17	10.56	16.04	8.07	9.85	7.29	8.67	6.94	7.70	5.80	6.61	5.24	5.64	4.36	4.69	2.76	2.80
Cooking gas (LPG)	1.68	1.17	10.37	9.45	5.24	4.46	4.35	3.33	3.50	2.83	2.78	2.25	2.21	1.76	1.66	1.31	0.75	0.60
Liquid fuels	0.00	0.00	0.07	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solid fuels	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Fuels and lubricants for personal transport equipment	5.74	5.61	0.00	0.00	0.28	0.23	0.82	0.40	1.58	1.06	0.33	2.46	4.79	4.26	6.72	6.20	7.18	6.67

[1] **Household Budget Survey** [2] **Classification of individual consumption according to purpose**

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 2012 and 2017

(COICOP)[1/] Division	First Quintile				Second Quintile				Third quintile				Fourth quintile				Fifth quintile				All classes			
	2012		2017		2012		2017		2012		2017		2012		2017		2012		2017		2012		2017	
	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%	Expend.	%
Average monthly household consumption expenditure																								
Housing, water, electricity, gas & other fuels	1,046	16.4	1,448	14.8	1,531	13.7	1,944	12.3	1,895	12.1	2,096	9.7	2,263	10.2	2,471	8.6	3,494	7.1	3,457	6.8	20.7	9.7	2,281	9.0
Transport	255	4.0	608	6.2	473	6.7	1,315	8.3	1,465	9.4	2,345	10.9	2,712	12.2	4,274	14.9	1,258	24.7	12238	24.0	3,549	16.7	4,152	16.4
All items	**6,374**	**100**	**9,755**	**100**	**11,138**	**100**	**15,862**	**100**	**15,624**	**100**	**21,576**	**100**	**22,252**	**100**	**28,666**	**100**	**49,156**	**100**	**51,018**	**100**	**21,241**	**100**	**25,348**	**100**
Per capita monthly household consumption expenditure																								
Housing, water, electricity, gas & other fuels	544	8.5	783	15.0	546	4.9	776	12.7	619	4.0	679	9.7	671	3.0	721	8.5	1,041	2.1	978	6.8	688	3.2	787	9.6
Transport	121	1.9	316	6.0	276	2.5	512	8.4	487	3.1	797	11.4	823	3.7	1,304	15.3	3,690	7.5	3,598	25.2	1,104	5.2	1,304	15.9
All items	**3,299**	**100**	**5,223**	**100**	**4,046**	**100**	**6,113**	**100**	**5,012**	**100**	**7,001**	**100**	**6,433**	**100**	**8,501**	**100**	**14,341**	**100**	**14,295**	**100**	**6,707**	**100**	**8,222**	**100**

Figure 6.8 - Percentage of monthly household consumption expenditure for Transport and Housing divisions of COICOP by quintile group of household income HBS 2012 and 2017

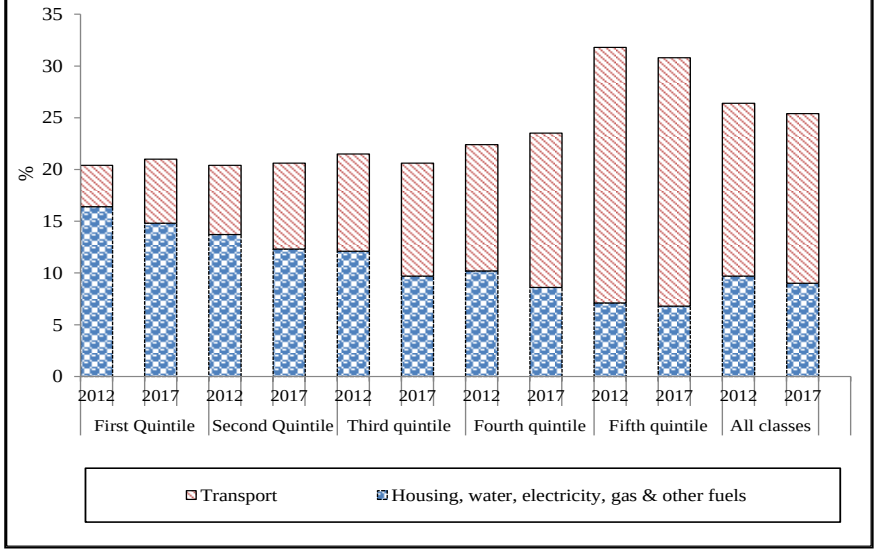
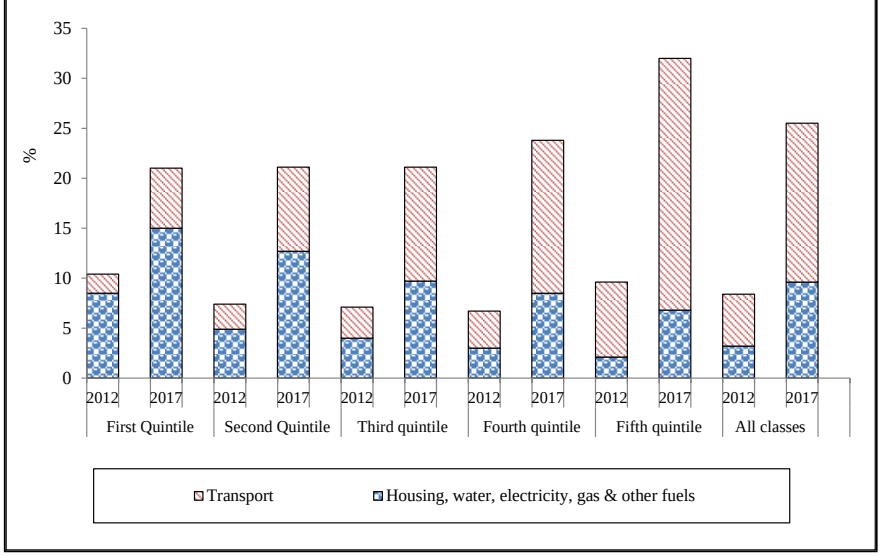


Figure 6.9 - Percentage of per capita monthly household consumption expenditure for Transport and Housing divisions of COICOP by quintile group of household income HBS 2012 and 2017



[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] 2009 - 2018

Rs

Average Expenditure	All districts	Port Louis	Pamplemousses	Riviere du Rempart	Flacq	Grand Port	Savanne	Plaines Wilhems	Moka	Black River	Rodrigues
2009											
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	378	376	350	370	304	240
Water bill & Waste Water bill [2]	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											
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 [2]	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											
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 [2]	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											
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 [2]	214	316	204	212	210	191	210	237	214	252	0
Electricity bill	972	1,085	1,001	966	854	910	849	1,124	900	1,060	725
2013											
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 [2]	273	360	257	244	248	243	250	302	239	283	0
Electricity bill	1,129	1,197	1,188	1,205	1,003	974	929	1,270	1,031	1,424	819
2014											
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 [2]	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											
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 [2]	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
2016						.					
Average total expenditure	24,774	20,479	25,638	25,153	23,768	22,679	22,203	30,574	25,635	26,784	17,391
Gas	382	330	371	378	387	412	428	395	411	360	326
Water bill & Waste Water bill [2]	252	330	231	207	232	213	228	282	245	274	246
Electricity bill	1,111	1,214	1,186	1,172	1,041	982	942	1,166	1,040	1,391	828
2017											
Average total expenditure	25,326	20,435	26,961	26,503	25,866	22,594	21,316	30,886	26,386	27,058	17,368
Gas	321	285	315	319	330	361	365	314	362	281	269
Water bill & Waste Water bill [2]	252	343	224	219	254	228	227	279	245	267	0
Electricity bill	1,106	1,232	1,218	1,185	1,029	958	930	1,133	1,049	1,366	825
2018											
Average total expenditure	24,704	21,663	25,682	24,367	23,724	22,942	22,554	29,027	26,037	27,203	18,156
Gas	316	273	305	307	324	350	363	318	345	286	271
Water bill & Waste Water bill [2]	272	357	248	229	260	243	255	306	250	263	61
Electricity bill	1,132	1,247	1,271	1,149	1,047	1,000	1,012	1,175	1,066	1,369	829

[1] Continuous Multipurpose Household Survey

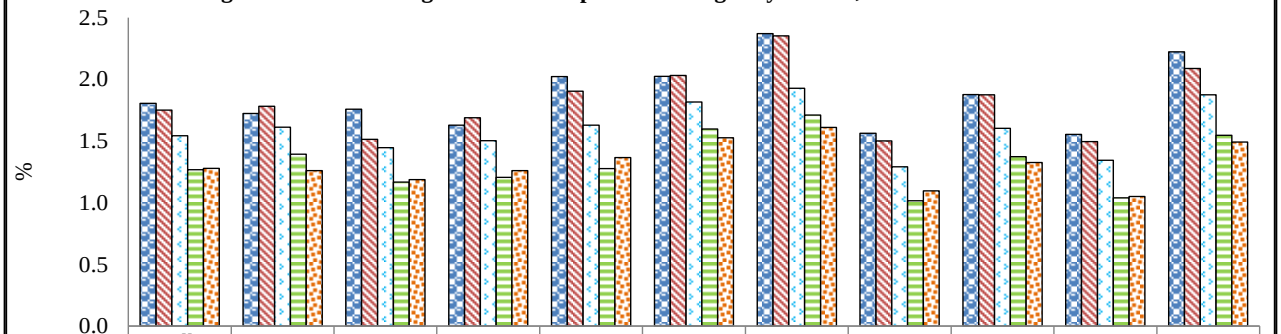
[2] Separate figures for Waste Water bill are not available as from 2009

Table 6.11 - Average household expenditure as at CMPHS[1] and average actual price of LPG, electricity and water 2009 - 2018

Average Expenditure	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gas	334.9	331.4	341.0	351.0	427.0	393.0	410.0	382.0	321.0	316.0
Electricity Bill	795.5	830.8	939.0	972.0	1129.0	1075.0	1123.0	1111.0	1106.0	1132.0
Water bill & Waste water bill	191.0	189.6	199.0	214.0	273.0	247.0	253.0	252.0	252.0	272.0
Average price Cooking gas (LPG)	300.00	300.0	300.0	325.0	330.0	330.0	330.0	305.0	270.0	252.5
Average domestic tariff of electricity	5.07	5.25	5.61	5.71	5.72	5.76	5.77	5.76	5.77	5.81
Average domestic tariff* of water	7.14	7.20	7.07	9.46	9.49	9.49	9.42	9.47	9.67	9.76

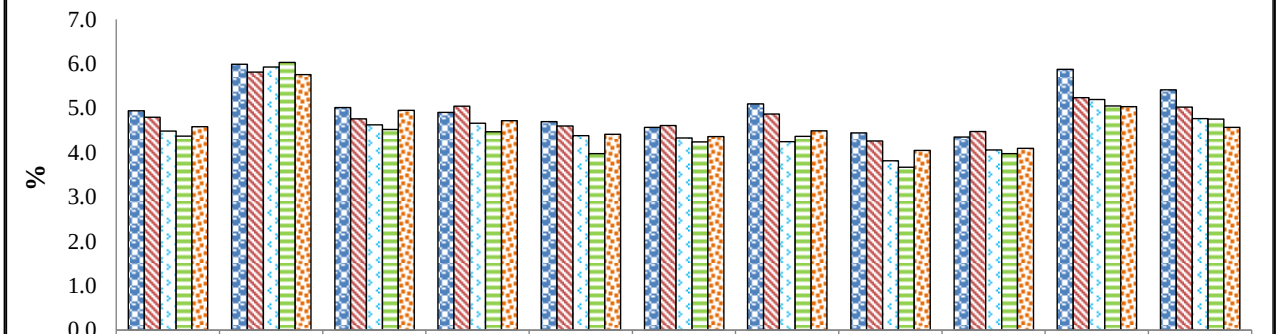
** CWA tariffs of 2002 were amended by the water supply regulations of 2011 which became effective as from Jan 2012*

Figure 6.10 - Percentage household expenditure on gas by district, CMPHS[1] 2014 - 2018



	All districts	Port-Louis	Pamp..sses	R/Rempart	Flacq	G.Port	Savanne	P.Wilhems	Moka	B.River	Rodrigues
2014	1.8	1.7	1.8	1.6	2.0	2.0	2.4	1.6	1.9	1.6	2.2
2015	1.8	1.8	1.5	1.7	1.9	2.0	2.4	1.5	1.9	1.5	2.1
2016	1.5	1.6	1.4	1.5	1.6	1.8	1.9	1.3	1.6	1.3	1.9
2017	1.3	1.4	1.2	1.2	1.3	1.6	1.7	1.0	1.4	1.0	1.5
2018	1.3	1.3	1.2	1.3	1.4	1.5	1.6	1.1	1.3	1.1	1.5

Figure 6.11 - Percentage household expenditure on Electricity by district, CMPHS[1] 2014-2018



	All districts	Port-Louis	Pampl..ses	R/Rempart	Flacq	G.Port	Savanne	P.Wilhems	Moka	B.River	Rodrigues
2014	4.9	6.0	5.0	4.9	4.7	4.6	5.1	4.4	4.3	5.9	5.4
2015	4.8	5.8	4.8	5.0	4.6	4.6	4.9	4.3	4.5	5.2	5.0
2016	4.5	5.9	4.6	4.7	4.4	4.3	4.2	3.8	4.1	5.2	4.8
2017	4.4	6.0	4.5	4.5	4.0	4.2	4.4	3.7	4.0	5.0	4.8
2018	4.6	5.8	4.9	4.7	4.4	4.4	4.5	4.0	4.1	5.0	4.6

[1] Continuous Multipurpose Household Survey

Table 6.12 - 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**

Figure 6.12 - Percentage of households by principal and secondary fuel used for cooking, CMPHS[1] 2004

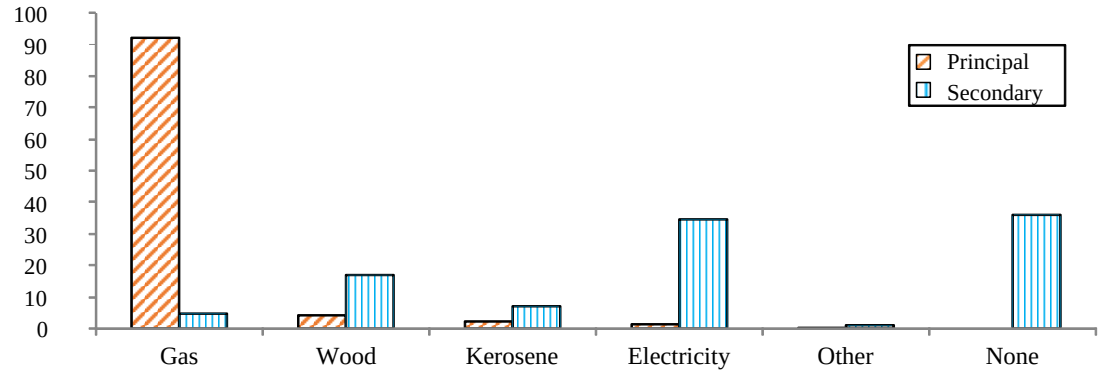


Table 6.13 - Percentage of households by main source of energy used for heating water for bathing - CMPHS[1] 2004

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
of which: Stove	*38.0*	*34.9*	*35.6*	*34.2*	*35.7*
Water Heater	*11.7*	*15.4*	*17.5*	*17.5*	*15.5*
Electricity	27.7	27.4	24.3	27.1	26.7
of which: Electrical system inside bathroom	*22.3*	*21.8*	*18.7*	*22.3*	*21.3*
Electric kettle	*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 6.14 - 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 6.15 - 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 6.16 - Percentage of households equipped with solar water heater, CMPHS[1] 2012

Solar Water Heater	% of households
Equipped	19.7
Not Equipped	80.3
Interested to buy	*41.2*
Not interested to buy	*39.1*
Total	**100.0**

Table 6.17 - 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 6.18 - 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

Table 6.19 - Percentage of households equipped with Air Conditioner, CMPHS[1] 2014

Air Conditioner	% of households
Equipped	**14.2**
Measures taken to reduce energy consumption while using air conditioner:	
- *Close doors and windows*	*98.3*
- *Clean filters regularly*	*83.0*
- *Other*	*18.5*
Not Equipped	**85.8**
Total	**100.0**

Table 6.20 - Percentage of households using alternatives to Air Conditioner in their home, CMPHS[1] 2014

Alternatives to Air Conditioner	% of households
Alternatives to air conditioner favoured at home:	
- Cross ventilation of rooms	59.3
- Use of electric fans	91.1
- Use of heat reflecting paint on roof to reduce heat gain	6.9
- Plant trees to shade home from the sun	48.7
- Other measures	1.0

Table 6.21 - Percentage of households aware of Energy Efficiency Label, CMPHS[1] 2014

Energy Efficiency Label	% of households
Aware of an Energy Efficiency Label	**34.8**
- *Willing to buy an energy efficient electric appliance*	*29.7*
- *Not willing to buy energy efficient electric appliance*	*5.1*
Not Aware	**65.2**
Total	**100.0**

Table 6.22 - Percentage of households by measures taken to reduce energy consumption, CMPHS[1] 2014

Measures	% of households
Turn on your yard lighting only when necessary	73.7
Use solar powered yard lighting	2.5
Favour the use of pressure cooker to reduce cooking time	78.2
Use pre-heated water, through solar water heater, for boiling	14.4
Adjust thermostat of refrigerator accordingly in summer and winter	35.8
Keep refrigerator shaded from direct sunlight	71.0
Do not leave refrigerator door open unnecessarily	91.2
Use Washing machine at full load	68.9
Other measures	14.0

[1] Continuous Multipurpose Household Survey

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

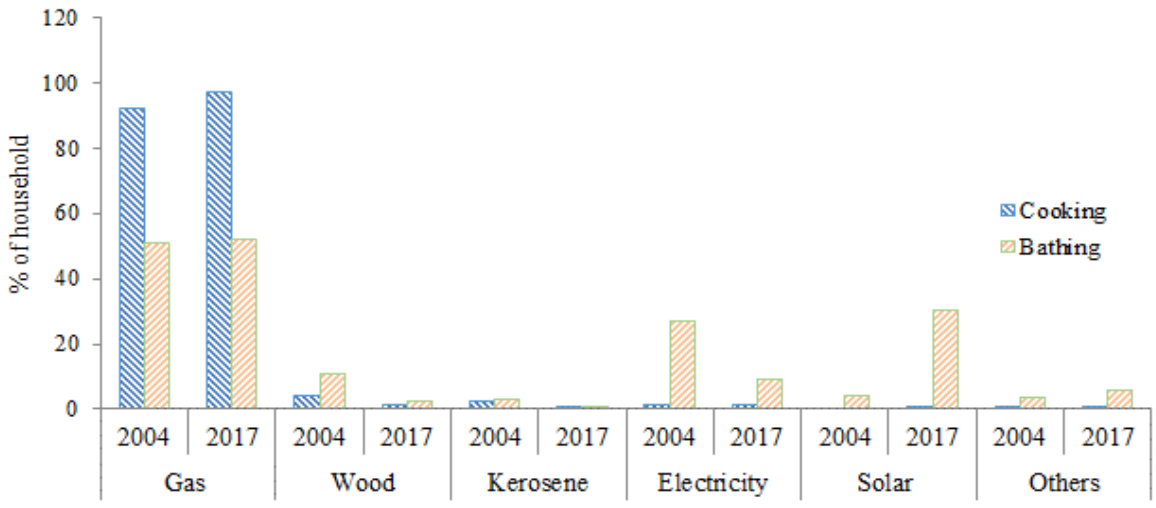
Table 6.23 - Percentage of households by main fuel used for cooking, CMPHS[1] 2004 and 2017

Fuel used	% of households using main fuel for cooking	
	2004	2017
temperature between	92.1	97.3
Wood	4.2	1.3
Kerosene	2.2	-
Electricity	1.3	1.2
Other	0.2	0.2
Total	**100.0**	**100.0**

Table 6.24 - Percentage of households by main fuel used for bathing, CMPHS[1] 2004 and 2017

Fuel used	% of households using main fuel for bathing	
	2004	2017
Gas	51.2	52.0
Wood	11.0	2.4
Kerosene	3.2	-
Electricity	26.7	9.2
Solar	4.2	30.5
Other	0.3	0.3
None	3.4	5.6
Total	**100.0**	**100.0**

Figure 6.13 - Percentage of Households by more frequently fuel used for cooking and bathing, 2004 and 2017



[1] Continuous Multipurpose Household Survey

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

Table 6.25 - Percentage of households equipped with Air Conditioner in their home, CMPHS[1] 2017

Air Conditioner	% of households
Equipped	**20.5**
Measures taken to reduce energy consumption while using air conditioner:	
- Set the temperature between 24 ^{o} C and 26 ^{o} C	*79.9*
- Close doors and windows	*98.1*
- Clean the filter regularly	*85.4*
- Other measures	*7.4*
Not equipped	**79.5**
Total	**100.0**

Table 6.26 - Percentage of households using alternatives to air conditioning in their home, CMPHS[1] 2017

Air Conditioner	% of households
Alternatives to air conditioner favoured at home:	
- Cross ventilation of rooms	78.4
- Use of electric fans	83.2
- Use of heat reflective paint on the roof to reduce heat gain	4.1
- Plant trees to shade the house from the sun	37.0
- Other measures	0.3

Table 6.27 - Percentage of households' awareness on Energy Efficiency Label, CMPHS[1] 2017

Energy efficiency label	% of households
Aware on Energy Efficiency Label:	**48.6**
- Seen an energy efficiency label on an appliance in a showroom	47.6
- Interpretation of data and information on label	33.2
- Taken into account information provided on label while purchasing an electrical appliance	30.7
Not Aware	**51.4**
Total	**100.0**

Table 6.28 - Percentage of households using LED lamps/tubes at home, CMPHS[1] 2017

LED lamps/tubes	% of households
Using LED lamps/tubes:	**39.1**
- LED lamps/tubes are too expensive	*64.1*
- LED lamps/tubes burn out quickly	*21.8*
Not using LED lamps/tubes	**60.9**
Total	**100.0**

[1] Continuous Multipurpose Household Survey

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

Table 6.29 - Percentage of households' awareness of renewable energy, CMPHS[1] 2017

Renewable energy	% of households
Aware of renewable energy:	**72.2**
- *Existing schemes for encouraging the use of renewable energy*	67.9
- *Grant facility for the purchase of a solar water heater*	22.9
- *Tax incentives for the installation of a solar photovoltaic system on your rooftop*	27.7
Not Aware	**27.8**
Total	**100.0**

Table 6.30 - Percentage of households by measures taken to reduce energy consumption, CMPHS[1] 2017

Measures	% of households
Make maximum use of natural light instead of switching on lights	93.3
Use yard lighting that has motion detectors	3.0
Turn off electrical appliances/lights when not needed	97.1
Do not leave refrigerator door open unnecessarily	93.8
Keep the refrigerator shaded from direct sunlight	80.5
Check and clean the door seals of the refrigerator regularly	80.2
Let cooked food items cool down before placing them in the refrigerator	89.9
Favour the use of pressure cooker to reduce cooking time	80.6
Favour the use of microwave oven for heating small amounts of food	60.8
Use pre-heated water, through solar water heater, for boiling	16.4
Use washing machine at full load	71.3
Other measures	3.9

[1] Continuous Multipurpose Household Survey

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