



SOUTH ASIAN ASSOCIATION FOR REGIONAL COOPERATION
COMPRISING AFGHANISTAN, BANGLADESH, BHUTAN, INDIA, MALDIVES, NEPAL, PAKISTAN AND SRI LANKA

SAARC ENERGY

DATA BOOK (2006-2016)





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FOREWORD

This is the fifth issue of SAARC Energy Data Book published by SAARC Energy Centre (SEC). It provides statistics on different sources of energy in the SAARC Region for the years from 2006 to 2016. The book provides various aspects of energy in this Region for regional and international professionals, researchers and planners.

Basic energy data of SAARC Member States have been taken mainly from The “Energy Statistics Database” of the United Nations Department of Economic and Social Affairs. The definitions and conversion factors used here conform to those used in the UN publications and have also been included in this issue, for ready reference.

SEC has the mandate to maintain a databank dealing with energy in South Asia to provide a basis for facilitating and promoting regional cooperation. To present reliable and accurate regional energy data in this book, we critically analyze the available UN data for its consistency and try to remove any discrepancies with the help of relevant organizations Member States. However, there is a need for assistance of Member States for quick response to the queries for critical review of their country data presented in this book and reporting any correction or revisions. It will help SEC maintain accurate energy statistics.

The information presented in this Data Book is also available on SEC website www.saarcenergy.org. Please keep visiting our website for updates, revisions or corrections in data. Any requests for information and suggestions for improvement may be addressed to Director, SAARC Energy Centre at info@saarcenergy.org or mailed to House # 697, St . 43, E-11/4 (NPF), Islamabad, Pakistan.

Islamabad: August 2018

Muhammad Naeem Malik
Director
SAARC Energy Centre

CONCEPTS AND DEFINITIONS

DESCRIPTION OF THE ROWS OF THE ENERGY BALANCE

Production of primary energy: Primary energy refers to energy sources as found in their natural state (as opposed to derived or secondary energy, which is the result of the transformation of primary sources). Production of primary energy refers to the quantity of fuels which are extracted or produced, calculated after any operation for removal of inert matter. In general, production includes the quantities consumed by the producer in the production process (e.g. for heating or operation of equipment or auxiliaries) as well as supplies to other producers of energy for transformation or other uses. Data on the production of **hard coal and lignite** refer to coal after washing and screening for the removal of inorganic matter. Production of **natural gas liquids** is shown together with the production of **crude petroleum**. Data for natural gas refer to dry marketable production measured after purification and extraction of natural gas liquids and Sulphur. Extraction losses and the amounts that have been reinjected, flared, and vented are excluded. Production includes quantities used within the natural gas industry, in gas extraction, pipeline systems and processing plants. Production of primary **electricity** refers to gross production of electrical energy of nuclear, hydro, geothermal, wind, tide, wave and solar origin. Biomass production includes only that portion used for fuel purposes.

Imports and exports refer to the amount of fuels obtained from or supplied to other countries. Fuels in transit are excluded. Imports and exports of crude petroleum also include imports and exports of feedstocks, unrefined and semi-refined oils and components derived from crude petroleum. In the energy balance format, imports are positive numbers, while exports are negative numbers and carry a negative sign (-).

Marine/aviation bunkers refer to the amounts of fuels delivered to ocean-going ships or aircraft of all flags engaged in international traffic. Consumption by ships engaged in transport in inland and coastal waters, or by aircraft engaged in domestic flights, is not included. The minus sign is used for entries under this item.

Stock changes (at producers, importers and industrial consumers) refer to the difference between the amounts of fuels in stocks at the beginning and end of the year. A positive number indicates a reduction in stocks and thus an increase in available energy; the negative sign (-) indicates a net increase in stocks and thus a decrease in energy available for consumption.

Total primary energy supply is computed as sum of production, imports, exports, bunkers and stock changes.

Energy converted shows the net input of primary and derived energy into the conversion or transformation process for the purpose of obtaining other derived products, and the

net output of the derived energy. Inputs carry a minus sign, and outputs, which relate to gross production, are shown as positive numbers. It is calculated as the sum of 8 items below it.

Consumption by the energy sector comprises the consumption of fuels and electricity used by the energy producing industries, e.g. for heating, lighting, and operation of all equipment used in the extraction process, for traction and distribution. It includes the quantities consumed in compression stations and pumping stations of oil and gas pipelines, as well as the station use and loss of electric power plants (including electricity used for pumping at pumped storage installations). The minus sign is used for entries under this item.

Losses in transport and distribution refer to the losses of fuels and electrical energy, which occur outside the utilities or plants before reaching the final consumer. The losses carry a minus sign.

Consumption for non-energy uses refers to the quantity of energy products consumed as raw materials in the chemical, petrochemical and other industries, not in order to produce energy. The minus sign is used for entries under this item.

Statistical differences (row 19) in the energy balance are calculated as follows: (19) = total primary energy supply (row 6) - energy converted (row 7) – consumption by the energy sector (row 16) – losses in transport and distribution (row 17) – consumption for non-energy uses (row 18) – final consumption (row 20).

Final consumption (row 20) refers to the consumption of primary and derived energy by industry and construction, by transport and by households, agriculture and other consumers.

Consumption by industry and construction (row 21) is broken down into the iron and steel industry, the chemical industry and other industries and construction. Consumption in the chemical industry refers to use as fuel only. Fuels consumed by the energy sector, and all inputs into energy conversion, such as fuels used by industrial/self-producers of thermal electricity, are excluded.

Consumption by transport (row 25) includes all fuels consumed by road traffic, by ships engaged in transport in inland and coastal waters and aircraft engaged in domestic flights, and by railways. Fuels consumed by agricultural equipment are included in agricultural consumption.

Consumption by households and other consumers (row 31) covers households (including free issues to employees), agriculture (including hunting, forestry and fishing) and all other sectors not included elsewhere (for example trade, communications and services such as public lighting).

DESCRIPTION OF THE COLUMNS OF THE ENERGY BALANCE

PRIMARY COAL AND PEAT (column 1)

Hard coal – Coal that has a high degree of coalification with a gross calorific value above 23,865 KJ/kg (5,700 kcal/kg) on an ash-free but moist basis, and a mean random reflectance of vitrinite of at least 0.6. Slurries, middlings and other low-grade coal products, which cannot be classified according to the type of coal from which they are obtained, are included under hard coal. There are two sub-categories of hard coal: (i) coking coal and (ii) other bituminous coal and anthracite (also known as steam coal). Coking coal is a hard coal with a quality that allows the production of coke suitable to support a blast furnace charge. Steam coal is coal used for steam raising and space heating purposes and includes all anthracite coals and bituminous coals not classified as coking coal.

Lignite – One of the two sub-categories of brown coal. Brown coal is coal with a low degree of coalification which retained the anatomical structure of the vegetable matter from which it was formed. It has a mean random reflectance of vitrinite of less than 0.6, provided that the gross calorific value (on a moist ash-free basis) is less than 23,865 KJ/kg (5,700 kcal/kg). Brown coal comprises: (i) lignite - non-agglomerating coals with a gross calorific value less than 17,435 KJ/kg (4,165 kcal/kg) and greater than 31 per cent volatile matter on a dry mineral matter free basis and (ii) subbituminous coal - non-agglomerating coals with a gross calorific value between 17,435 KJ/kg (4,165 kcal/kg) and 23,865 KJ/kg (5,700 kcal/kg) containing more than 31 per cent volatile matter on a dry mineral matter free basis.

Peat – A solid fuel formed from the partial decomposition of dead vegetation under conditions of high humidity and limited air access (initial stage of coalification). Only peat used as fuel is included. Its principal use is as a household fuel.

BRIQUETTES AND COKES (column 2)

Patent fuel (hard coal briquettes) – A composition fuel manufactured from coal fines by shaping with the addition of a binding agent (pitch).

Lignite briquettes – A composition fuel manufactured from lignite. The lignite is crushed, dried and molded under high pressure into an even-shaped briquette without the addition of binders.

Peat briquettes – A composition fuel manufactured from peat. Raw peat, after crushing and drying, is molded under high pressure into an even-shaped briquette without the addition of binders.

Coke – The solid residue obtained from coal or lignite by heating it to a high temperature

in the absence or near absence of air. It is high in carbon and low in moisture and volatile matter. Several categories are distinguished:

a) Coke-oven coke – The solid product obtained from carbonization of coal, principally coking coal, at high temperature. Coke-oven coke is also called metallurgical coke and is used mainly in the iron and steel industry. Semi-coke, the solid product obtained from carbonization of coal at low temperature, is included with coke-oven coke. It is used mainly as a domestic fuel.

b) Gas coke – A by-product of coal used for the production of gas works gas in gasworks. Gas coke is mainly used as a domestic fuel.

c) Brown coal coke – A solid product obtained from carbonization of brown coal.

SOLID FUELS

All fuels described above under hard coal, lignite and peat (column 1) and briquettes and cokes (column 2).

CRUDE OIL AND NATURAL GAS LIQUIDS (NGL) (column 3)

Crude oil – A mineral oil consisting of a mixture of hydrocarbons of natural origin, yellow to black in color, of variable density and viscosity. Data in this category also includes lease or field condensate (separator liquids) which is recovered from gaseous hydrocarbons in lease separation facilities, as well as synthetic crude oil, mineral oils extracted from bituminous minerals such as shale and bituminous sand, and oils from coal liquefaction.

Natural gas liquids (NGL) – Liquid or liquefied hydrocarbons produced in the manufacture, purification and stabilization of natural gas. NGLs include, but are not limited to, ethane, propane, butane, pentane and natural gasoline. NGLs are either distilled with crude oil in refineries, blended with refined petroleum products or used directly depending on their characteristics.

LIGHT PETROLEUM PRODUCTS (column 4)

Light products are defined here as liquid products obtained by distillation of crude petroleum at temperatures between 30 °C and 350 °C, and/or which have a specific gravity between 0.625 and 0.830. They comprise:

Aviation gasoline – Motor spirit prepared especially for aviation piston engines, with an octane number varying from 80 to 145 RON and a freezing point of 60°C.

Motor gasoline – Light hydrocarbon oil for use in internal combustion engines such as motor vehicles, excluding aircraft. It distills between 35 °C and 200 °C, and is treated

to reach a sufficiently high octane number of generally between 80 and 100 RON. Treatment may be by reforming, blending with an aromatic fraction, or the addition of benzole or other additives (such as tetraethyl lead).

Natural gasoline – Light spirit extracted from wet natural gas, often in association with crude petroleum. It is used as a petroleum refinery and petrochemical plant input and is also used directly for blending with motor spirit without further processing.

Jet fuel – Consists of gasoline-type jet fuel and kerosene-type jet fuel.

Gasoline-type jet fuel – All light hydrocarbon oils for use in aviation gas-turbine engines. It distills between 100 °C and 250 °C with at least 20% of volume distilling at 143 °C. It is obtained by blending kerosene and gasoline or naphtha in such a way that the aromatic content does not exceed 25% in volume. Additives are included to reduce the freezing point to -58 °C or lower, and to keep the Reid vapour pressure between 0.14 and 0.21 kg/cm².

Kerosene-type jet fuel – Medium oil for use in aviation gas-turbine engines with the same distillation characteristics and flash point as kerosene, with a maximum aromatic content of 20% in volume. It is treated to give a kinematic viscosity of less than 15 cSt at -34 °C and a freezing point below -50 °C.

Kerosene – Medium oil distilling between 150 °C and 300 °C; at least 65% of volume distills at 250 °C. Its specific gravity is roughly 0.80 and its flash point is above 38 °C. It is used as an illuminant and as a fuel in certain types of spark-ignition engines, such as those used for agricultural tractors and stationary engines. Other names for this product are burning oil, vaporizing oil, power kerosene and illuminating oil.

Naphtha – Light or medium oil distilling between 30 °C and 210 °C, for which there is no official definition, but which does not meet the standards laid down for motor spirit. The properties depend upon consumer specification. The C:H ratio is usually 84:14 or 84:16, with a very low Sulphur content. Naphtha may be further blended or mixed with other materials to make high-grade motor gasoline or jet fuel, or may be used as a raw material for manufactured gas. Naphtha is sometimes used as input to feedstocks to make various kinds of chemical products, or may be used as a solvent.

White spirit (industrial spirit) – A highly refined distillate with a boiling point ranging from 135 °C to 200 °C, which is used as a paint solvent and for dry-cleaning purposes.

HEAVY PETROLEUM PRODUCTS (column 5)

Heavy products are defined here as products obtained by the distillation of crude petroleum at temperatures above 350 °C, and which have a specific gravity higher than 0.83. Products which are not used for energy purposes, such as insulating oils, lubricants, paraffin wax, bitumen and petroleum coke, are excluded. Heavy products comprise:

Residual fuel oil – A heavy oil that makes up the distillation residue. It comprises all fuels (including those obtained by blending) with a kinematic viscosity above 27.5 cSt at 38 °C. Its flash point is always above 50 °C and its specific gravity is higher than 0.90. It is commonly used by ships and industrial large-scale heating installations as a fuel in furnaces or boilers.

Gas-diesel oil (distillate fuel oil) – Heavy oils distilling between 200 °C and 380 °C, but distilling less than 65% in volume at 250 °C, including losses, and 85% or more at 350 °C. Its flash point is always above 50 °C and its specific gravity is higher than 0.82. Heavy oils obtained by blending are grouped together with gas oils on the condition that their kinematic viscosity does not exceed 27.5 cSt at 38 °C. Also included are middle distillates intended for the petrochemical industry. Gas-diesel oils are used as a fuel for internal combustion in diesel engines, as a burner fuel in heating installations, such as furnaces, and for enriching water gas to increase its luminosity. Other names for this product are diesel fuel, diesel oil, gas oil and solar oil.

OTHER PETROLEUM PRODUCTS (column 6)

Lubricants – Viscous, liquid hydrocarbons rich in paraffin waxes, distilling between 380 °C and 500 °C, obtained by vacuum distillation of oil residues from atmospheric distillation. Additives may be included to alter their characteristics. Their main characteristics are: a flash point greater than 125 °C; a pour point between – 25 °C and +5 °C depending on the grade; a strong acid number (normally 0.5 mg/g); an ash content less than or equal to 0.3%; and a water content less than or equal to 0.2%. Included are cutting oils, white oils, insulating oils, spindle oils and lubricating greases.

Feedstocks – Products or a combination of products derived from crude oil destined for further processing in the refining industry other than blending. They are transformed into one or more components and/or finished products. This definition covers naphtha imported for refinery intake and naphtha returned from the chemical industry to the refining industry.

Plant condensate – Liquid hydrocarbons condensed from wet natural gas in natural gas processing plants. It is used as a petroleum refinery input.

Bitumen – Solid or viscous hydrocarbon with a colloidal structure, brown or black in color, which is obtained as a residue by vacuum distillation of oil residues from atmospheric distillation. It is sometimes soluble in carbon bisulphite, non-volatile, thermoplastic (generally between 150 °C and 200 °C), often with insulating and adhesive properties. It is used mainly in road construction. Natural asphalt is excluded.

Petroleum waxes – Saturated aliphatic hydrocarbons obtained as residues extracted when dewaxing lubricant oils, with a crystalline structure with C greater than 12. Their main characteristics are as follows: they are colorless, in most cases odorless and translucent; they have a melting point above 45 °C, a specific gravity of 0.76 to 0.78

at 80°C, and a kinematic viscosity between 3.7 and 5.5 cSt at 99 °C. These waxes are used for candle manufacture, polishes and waterproofing of containers, wrappings, etc.

Petroleum coke – A shiny, black solid residue obtained by cracking and carbonization in furnaces. It consists mainly of carbon (90 to 95%) and generally burns without leaving any ash. It is used mainly in metallurgical processes. It excludes those solid residues obtained from carbonization of coal.

Other petroleum products – Products of petroleum origin (including partially refined products) not otherwise specified.

Natural Gas Liquids (not elsewhere specified) – LPG or Plant condensate is treated as natural gas liquid (n.e.s).

LIQUEFIED AND OTHER PETROLEUM GASES (column 7)

Liquefied petroleum gas (LPG) – Hydrocarbons which are gaseous under conditions of normal temperature and pressure but are liquefied by compression or cooling to facilitate storage, handling and transportation. They are (i) extracted by stripping of natural gas at crude petroleum and natural gas sources; (ii) extracted by stripping of imported natural gas in installations of the importing country; and (iii) produced both in refineries and outside of refineries in the course of processing crude petroleum or its derivatives. It comprises propane (C₃H₈), butane (C₄H₁₀), or a combination of the two. Also included is ethane (C₂H₆) from petroleum refineries or natural gas producers' separation and stabilization plants.

Refinery gas – Non-condensable gas obtained during distillation of crude oil or treatment of oil products (e.g. cracking) in refineries. It consists mainly of hydrogen, methane, ethane and olefins, and is used principally as a refinery fuel. Refinery gas is also known as still gas.

NATURAL GAS (column 8)

Natural gas – Gases consisting mainly of methane occurring naturally in underground deposits. It includes both non- associated gas (originating from fields producing only hydrocarbons in gaseous form) and associated gas (originating from fields producing both liquid and gaseous hydrocarbons), as well as methane recovered from coal mines and sewage gas. Production of natural gas refers to dry marketable production, measured after purification and extraction of natural gas liquids and Sulphur. Extraction losses and the amounts that have been reinjected, flared, and vented are excluded from the data on production.

DERIVED GASSES (column 9)

Gasworks gas – Gas produced by public utilities or private plants whose main activity is the production, transport and distribution of such gas. It includes gas produced by carbonization, by total gasification with or without enrichment with oil products, by cracking of natural gas, and by reforming or mixing gases.

Coke-oven gas – By-product of the carbonization process in the production of coke in coke ovens.

Blast furnace gas – By-product in blast furnaces recovered on leaving the furnace.

ELECTRICITY (column 9 and electricity profiles)

Production refers to gross production, which includes the consumption by station auxiliaries and any losses in the transformers that are considered integral parts of the station. Included also is total electric energy produced by pumping installations without deduction of electric energy absorbed by pumping. Production data includes solar, tide, wave, wind, wastes, wood and fuel cell production when reported.

Public utilities (electricity profiles) - Undertakings whose essential purpose is the production, transmission and distribution of electric energy, primarily for use by the public. These may be private companies, co-operative organizations, local or regional authorities, nationalized undertakings or governmental organizations.

Self-producers (electricity profiles) - 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.

Primary electricity refers to electrical energy of geothermal, hydro, nuclear, tide, wind, wave/ocean and solar origin. Its production is assessed as the heat value of electricity (3.6 TJ/million kWh).

Secondary electricity or thermal comprises conventional thermal plants of all types, whether or not equipped for the combined generation of heat and electric energy. Accordingly, they include steam-operated generating plants with condensation (with or without extraction) or with back-pressure turbines, and plants using internal combustion engines or gas turbines, whether or not these are equipped for heat recovery.

Station use and loss includes consumption by station auxiliaries and losses in transformers which are considered as integral parts of the electric energy generating plants.

Net production is gross production minus station use and loss.

Imports and exports refer to the amounts of electric energy transferred to and from the country concerned, respectively, which are measured at the metering points on the lines crossing the frontiers. Included are imports and exports of electric energy made by means of high-voltage lines crossing frontiers as well as imports and exports made by means of low-voltage lines for use in the immediate vicinity of the frontier, if the quantities so transferred are known.

Net installed capacity (electricity profiles) is 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, if any. Data concerning capacity refer to 31 December of the year under consideration.

PRIMARY BIOMASS ENERGY (column 10)

Fuelwood – All wood in the rough used for fuel purposes. Production data include the portion used for charcoal production, using a factor of 6 to convert from a weight basis (metric tons) to the volumetric equivalent (cubic meters) of charcoal.

Bagasse – The cellulosic residue left after sugar is extracted from sugar cane. It is often used as a fuel within the sugar milling industry.

Animal wastes – Excreta of cattle, horses, pigs, poultry etc., and (in principle) excreta of humans, used as a fuel.

Vegetal wastes – Mainly crop residues (cereal straw from maize, wheat, paddy rice, etc.) and food processing wastes (rice hulls, coconut husks, ground-nut shells, etc.) used for fuel. Bagasse is excluded.

Municipal wastes – Consist of products that are combusted directly to produce heat and/or power and comprise wastes produced by the residential, commercial and public services sectors that are collected by local authorities for disposal in a central location. Hospital waste is included in this category.

Industrial wastes – Consist of solid and liquid products other than solid biomass and animal products mentioned above (e.g. tires) combusted directly, usually in specialized plants, to produce heat and/or power.

Alcohol – Ethanol (ethyl alcohol) and methanol (methyl alcohol) for use as a fuel. Ethanol can be produced from sugar, starch and cellulose and is used mainly in transport (on its own or blended with gasoline). Methanol can be produced from wood, crop residues, grass, and the like, and can be used in internal combustion engines.

Biogas – A by-product of the fermentation of biomass, principally animal wastes, by bacteria. It consists mainly of methane gas and carbon dioxide.

DERIVED BIOMASS ENERGY (column 11)

Charcoal – The solid residue, consisting mainly of carbon, obtained by the destructive distillation of wood in the absence of air.

TOTAL ENERGY (column 12) - Summation of column 1 through column 11.

ENERGY RESOURCES AND RESERVES**Hard Coal, Lignite and Peat**

Proved amount in place is the resource remaining in known deposits that has been carefully measured and assessed as exploitable under present and expected local economic conditions with existing available technology.

Proved recoverable reserves are the tonnage within the proved amount in place that can be recovered in the future under present and expected local economic conditions with existing available technology.

Estimated additional amount in place is the indicated and inferred tonnage additional to the proved amount in place that is of foreseeable economic interest. It includes estimates of amounts which could exist in unexplored extensions of known deposits or in undiscovered deposits in known coal-bearing areas, as well as amounts inferred through knowledge of favorable geological conditions. Speculative amounts are not included.

Crude Oil and Natural Gas Liquids

Proved recoverable reserves are the quantity within the proved amount in place that can be recovered in the future under present and expected local economic conditions with existing available technology. Proved amount in place is the resource remaining in known natural reservoirs that has been carefully measured and assessed as exploitable under present and expected local economic conditions with existing available technology.

Natural Gas

Proved recoverable reserves are the volume within the proved amount in place that can be recovered in the future under present and expected local economic conditions with existing available technology.

Uranium

Reasonably assured resources refer to recoverable uranium that occurs in known mineral deposits of delineated size, grade and configuration such that the quantities

which could be recovered within the given production cost ranges with currently proven mining and processing technology can be specified. Estimates of tonnage and grade are based on specific sample data and measurements of the deposits and on knowledge of deposit characteristics. Uranium

Inferred Resources refer to recoverable uranium

(in addition to reasonably assured resources) that is inferred to occur, based on direct geological evidence, in extensions of well-explored deposits and in deposits in which geological continuity has been established, but where specific data and measurements of the deposits and knowledge of their characteristics are considered to be inadequate to classify the resource as reasonably assured resources.

Hydropower

Gross theoretical capability is the annual energy potentially available in the country if all natural flows were turbinized down to sea level or to the water level of the border of the country (if the water course extends into another country) with 100% efficiency from the machinery and driving water-works. Unless otherwise stated, the figures have been estimated on the basis of atmospheric precipitation and water run off.

Time Period

The period to which the data refer is the calendar year, with the exception of the data of the following countries which refer to the fiscal year:

Afghanistan - beginning 21 March of the year stated;

Bangladesh, Bhutan (electricity only), **Nepal** - ending June of the year stated;

India - beginning April of the year stated;

Pakistan - starting July of the year stated.

CONVERSION FACTORS

The data which have been supplied by the countries in original units are converted to the common unit, terajoules (TJ), by using standard conversion factors or, in the case of solids, specific factors, where available, as indicated below.

Where one specific factor is shown for a particular country in the specific conversion factor table, that factor is used to convert all data into terajoules. Where more than one specific factor is shown, production, exports and stock change data are converted into terajoules by using the factor shown in row A; import data are converted by using the factor in row B; and all other data are converted by using the factor listed in row C. The factor in row C is a weighted average of the heat values of the imported and domestically produced fuel. Where no specific factor is listed for a particular country, the standard factor is used to convert all data.

Standard conversion factors for liquid fuels are determined on the basis of the net heating value using average specific gravities for each product.

The conversion of fuelwood (solid volume, 0.333 TCE/m³) is based on an average 20-30% moisture content. When data on the transformation of fuelwood into charcoal are incomplete, estimations assume that it requires 6 cubic metres of fuelwood to produce 1 metric ton of charcoal.

The conversion to joules of electricity generated by all non-thermal sources (hydropower, nuclear, geothermal, wind, tide, wave, and solar) refers to the output, being based on the energy content of the electricity generated (the equivalent of assuming a 100 per cent efficiency if data are taken as the energy input to produce electricity).

For users wishing to convert the data from terajoules (TJ) to other common units: one thousand tons of coal equivalent (1,000 TCE) has traditionally been defined as comprising 29.3076 TJ, one million cubic meters of standard natural gas as 39.021 TJ and one thousand tons of oil equivalent (1,000 TOE) as 42.6216 TJ, see the table below. One calorie corresponds to 4.1868 joules and is the amount of energy which will raise the temperature of one gramme of water by one degree Celsius.

	Tera Joule	'000' TOE	million kWh	'000' TCE	million M ³ NG
1 Tera Joule	1	0.02388	0.2778	0.03412	0.0256
1 '000' TOE	42.6216	1	11.8393	1.4543	1.0923
1 million kWh	3.6000	0.0845	1	0.1228	0.0923
1 '000' TCE	29.3076	0.6876	8.1410	1	0.7511
1 million M ³ NG	39.0210	0.9155	10.8392	1.3314	1

NG =Natural gas

STANDARD CONVERSION FACTORS (Terajoules per thousand metric tons)

Hard coal /Coal Equivalent	25.80
Lignite	11.2834
Peat	9.76
Patent fuel (hard coal briquettes)	20.70
Lignite briquettes	19.6361
Gas coke	26.3768
Coke-oven coke	28.2
Brown coal coke	19.6361
Brown coal	14.00
Brown coal Briquettes	20.70
Oil Equivalent	42.6216
Crude petroleum	42.30
Natural gas liquids	44.2
Aviation gasoline	44.30
Motor gasoline	44.30
Natural gasoline	44.20
Jet fuel	44.30
Kerosene	43.80
Naphtha	44.50
White/industrial spirit	40.20
Residual fuel oil	40.40
Gas-diesel oil	43.00
Lubricants	40.20
Feed stocks	43.00
Plant condensate	44.3131
Bitumen (asphalt)	40.20
Petroleum wax	40.20
Petroleum coke	32.50
Other petroleum products	40.2
Liquefied petroleum gas	47.30
Refinery gas	49.50
Natural gas (million M ³)	39.0210
Gasworks gas(original unit is TJ)	1.0000
Coke-oven gas (original unit is TJ)	1.0000
Blast furnace gas(original unit is TJ)	1.0000
Electricity (million kWh)	3.60
Fuel wood (10 ³ m ³)	9.14
Bagasse	7.72
Other biomass and wastes	8.4000
Vegetal wastes	12.5000
Other non-commercial energy sources	8.4000
Alcohol	27.6300
Biodiesel	36.80
Charcoal	29.50

SPECIFIC CONVERSION FACTORS
(T/J Thousand tonnes)

HARD COAL

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bangladesh	20.934	20.926	20.926	20.926	20.926	20.926	20.926	20.900	20.9	20.9	20.9
India	24.283	24.283	24.283	24.283	24.283	24.283	24.283	24.300	26.3	26.3	26.3
A	19.800	19.800	19.800	19.800	19.800	19.800	19.800	18.800	18.8	18.8	18.8
B	29.002	29.000	29.000	29.000	29.100	29.100	29.100	27.600	27.6	27.6	27.6
C	23.190	23.190	23.190	24.901	25.122	24.942	25.000	24.000	24	24	27.6
Pakistan											

LIGNITE/BROWN COAL (TJ/Thousand tonnes)

India	9.672	9.672	9.672	9.672	9.672	9.672	9.546	9.546	9.500	9.5	9.5
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A: Specific factor used to convert production, exports and stock change data.

B: Specific factor used to convert import data.

C: Specific factor for all other transactions, calculated as a weighted average of factors A and B.

NATURAL GAS (TJ/million cubic meter)

Standard Heat Value	39.021
Bangladesh	35.064
India	38.586
Pakistan	34.805

ABBREVIATIONS AND SYMBOLS

C:H	Ratio between carbon and hydrogen
CNG	Compressed natural gas
cSt	Centistoke
C ₃ H ₈	Chemical symbol for propane
C ₄ H ₁₀	Chemical symbol for butane
°C	Degree celsius
FO	Fuel oil / furnace oil
GDP	Gross domestic product
GWh	Giga watt-hour
HOBC	High octane blending component
HSD	High speed diesel
JP	Jet propellant (Jet fuel)
kcal	Kilocalorie
kg	Kilogramme
kg/cm ²	Kilogramme per square centimetre
kgoe	Kilogramme of oil equivalent
kJ	Kilojoule
kV	Kilo volt
kVA	Kilo volt ampere
kW	Kilowatt
kWh	Kilowatt-hour
LDO	Light diesel oil
LPG	Liquefied petroleum gas
mg/g	Milligramme per gramme
MJ	Mega joule (10 ⁶ joules)
MS	Motor spirit
MW	Mega watt
m ³	Cubic Metre
NEA	Nepal Electricity Authority
NGL	Natural gas liquids
PPP	Purchasing power parity
RON	Research octane number
SAARC	South Asian Association for Regional Cooperation
SKO	Superior kerosene oil
t	Tonne (metric ton)
TCE	Tonnes of coal equivalent
TPES	Total primary energy supply
TJ	Terajoule (10 ¹² joules)
TOD	Time of day
TOE	Tonnes of oil equivalent
*	Estimated
0	Values either not available or their value is zero

PART 1
ENERGY BALANCES

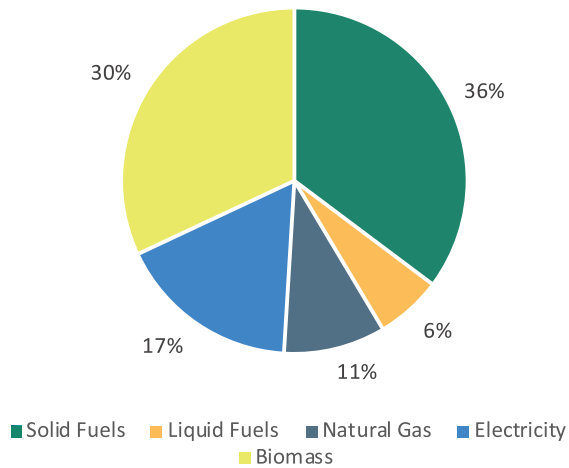


2016 KEY POINTS

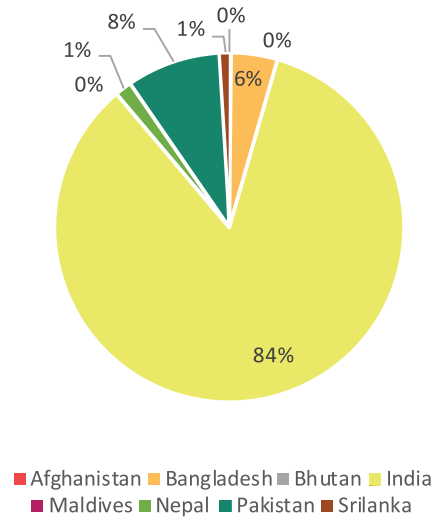
Percentage increase/decrease as compared to 2015

			PRODUCTION	CONSUMPTION
OVERALL		TOTAL ENERGY IN SAARC REGION	-3.74	-4.15
ENERGY BY SOURCE		SOLID FUELS	-5.43	-49.19
		LIQUID FUELS	3.93	44.49
		NATURAL GAS	-16.93	33.77
		ELECTRICITY	-0.51	8.26
		BIOMASS	-0.22	-6.24
ENERGY BY COUNTRY		AFGHANISTAN	-11.74	-18.63
		BANGLADESH	-22.97	-9.03
		BHUTAN	2.53	2.25
		INDIA	-3.39	-11.63
		MALDIVES	59.24	-5.06
		NEPAL	17.99	-23.70
		PAKISTAN	4.11	72.24
		SRILANKA	3.57	27.71

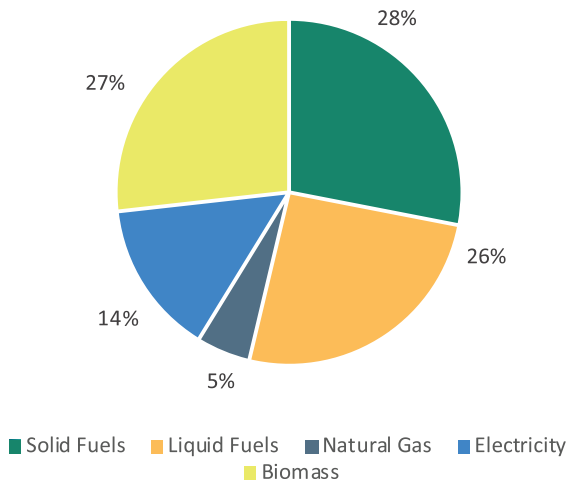
Energy Production by source- 2016



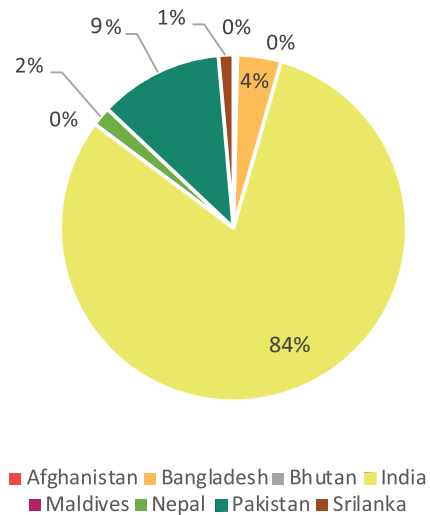
Energy Production by country- 2016



Energy Consumption by source 2016



Energy Consumption by country- 2016



Total Energy Balance Sheet of SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production of Primary Energy	584118	609127	644107	678295	698278	710779	859,297	869,329	925,773	809,450	822,155
Imports	185806	204184	212429	241488	252898	279902	329,501	353,778	398,567	441,345	477,237
Exports	-36331	-42789	-43,473	-53943	-65103	-64882	-64,770	-62,896	-62,214	-50,472	-55,080
Marine/aviation bunkers	-4933	-5442	-5331	-5906	-6024	-6232	-6,381	-9,800	-9,838	-8,081	-8,646
Stock Exchange	-6296	-1431	10525	8740	-6727	-4582	-4,375	-4,929	-5,964	2,556	-10,575
Total Primary Energy Supply	722364	763649	88257	868673	873322	914984	1,113,272	1,145,353	1,244,982	1,194,798	1,225,091
Energy Converted	-178163	-192751	201438	-2141161	-191746	210523	-403,742	-400,078	-418,780	-673,432	-687,098
Briquetting plants	213	231	236	248	279	362	629	1,305	1,212	834	836
Coke ovens and coke plants	-2939	-3536	-780	-4479	-1628	-2599	-11,160	-25,820	-46,849	-26,759	-11,963
Gasworks	15	16	17	18	18	19	20	20	21	23	23
Blast furnaces	3769	3716	4830	5265	5190	5457	-92	-17,521	-7,206	-18,464	-11,286
Petroleum refineries	-6596	-7180	-9160	-353	-4750	6489	-10,200	10,320	11,597	-251,194	-263,524
NGL processing plants	20	20	180	190	175	178	-	-	-	-	-
Electric power plants	-171176	-184596	-194705	-213792	-188967	-218348	-272,078	-263,888	-298,332	-280,290	-301,084
Other conversion industries	-1470	-1421	-2056	-2058	-2064	-2081	-25,097	-10,197	-8,867	-15,738	-28,779
Consumption by energy sector	-12518	-12593	-25382	-24743	-24957	-25184	-4,714	-4,914	-11,094	-9,855	-7,484
Losses in transportation & distribution	-19069	-19191	-16276	-18622	-16301	-18801	-19,495	-22,300	-24,735	-25,641	-26,793
Consumption for non-energy uses	-39311	-4442-8	-36056	-41341	-36125	-37733	-34,125	-34,125	-34,506	-46,325	-37,021
Statistical differences	11483	590	-15000	-6989	34816	37900	93,803	38,155	12,683	-323,070	-309,412
Final Energy Consumption	46189	494096	554106	57995	569378	584841	575,372	666,780	743,184	752,259	776,108
Consumption by industry and construction	175,064	190,019	232,308	237,021	215,980	229,929	225,105	291,345	353,961	337,617	371,943
Iron and steel industry	45885	49935	50794	54222	50666	48147	49,023	56,212	76,722	59,541	62,260
Chemical industry	2162	8755	6437	5433	2040	11001	16,027	10,223	16,333	17,357	16,262
Other industry and construction	127017	131329	175077	177366	163274	170781	160,055	224,909	260,906	260,719	293,421
Consumption by transport	48,647	51,737	37,490	40,265	42,944	44,734	46,456	93,852	91,465	57,756	114,482
Road	43172	48114	29546	32998	35678	37960	41,376	87,763	86,726	49,344	101,767
Rail	3117	1657	3467	3737	3925	3994	4,263	4,426	4,595	4,817	4,837
Air	987	1020	755	765	766	582	221	1,877	1,931	2,205	6,045
Inland and coastal waterways	1099	898	2038	1792	1112	1116	449	682	685	1,239	1,267
By other modes of transportation	272	48	1684	973	1463	1082	917	1,663	144	152	566
Cons. By Households and Other consumers	298108	252339	284308	298710	310455	310178	303,811	281,583	297,758	356,887	289,682
Households	193894	198003	199949	203112	211767	214758	216,578	223,465	230,153	236,000	217,637
Agriculture	17888	19563	12392	13253	13558	13666	14,716	25,162	26,039	17,932	19,787
Other consumers	26,327	34,774	71,966	82,346	85,131	81,754	73,614	32,956	41,566	102,955	52,258

Energy Balance Sheet of SAARC Region by-Source 2006

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	254,510	-	41,901	-	-	-	-	67,474	-	15,262	204,972	-	584,119
Imports	27,667	2,901	122,321	10,056	17,235	2,497	2,784	-	-	343	-	1	185,805
Exports	-930	-47	-	-17,804	-15,098	-1,997	-120	-	-	-333	-	-5	-36,334
Marine/aviation bunkers	-	-	-	-4,659	-274	-	-	-	-	-	-	-	-4,933
Stock Exchange	-5,814	-	-145	-65	-285	16	-	-3	-	-	-	-	-6,296
Total Primary Energy Supply	275,433	2,854	164,078	-12,472	1,577	518	2,665	67,471	-	15,272	204,972	-3	722,365
Energy Converted	-205,331	8,017	-163,800	50,748	68,970	16,128	12,041	-26,870	3,892	60,615	-4,129	1,556	-178,163
Briquetting plants	-	213	-	-	-	-	-	-	-	-	-	-	213
Coke ovens and coke plants	-10,851	7,912	-	-	-	-	-	-	-	-	-	-	-2,939
Gasworks	-	-	-	-	-	-	-	-	15	-	-	-	15
Blast furnaces	-	-108	-	-	-	-	-	-	3,877	-	-	-	3,769
Petroleum refineries	-	-	-158,908	51,431	77,624	13,848	9,408	-	-	-	-	-	-6,597
NGL processing plants	-	-	-4,892	-	-	2,280	2,633	-	-	-	-	-	21
Electric power plants	-194,480	-	-	-683	-8,655	-	-	-26,870	-	60,615	-1,103	-	-171,176
Other conversion industries	-	-	-	-	-	-	-	-	-	-	-3,026	1,556	-1,470
Consumption by energy sector	-	-	-88	-	-3,748	-	-2,409	-2,179	-	-4,094	-	-	-12,518
Losses in transportation and dist	-	-	-	-	-	-	-	-1,386	-	-17,683	-	-	-19,069
Consumption for non-energy uses	-	-	-	-11,732	-	-14,470	-	-13,110	-	-	-	-	-39,312
Statistical differences	69	-	189	614	6,241	2,153	105	1,739	-	375	-2	-	11,483
Final Energy Consumption	70,033	10,870	-	25,931	60,557	24	12,192	22,188	3,892	53,736	200,845	1,553	461,821
Consumption by industry and const.	69,456	10,657	-	2,604	8,205	24	33	13,170	3,892	23,665	43,359	-	175,065
Iron and steel industry	29,839	10,657	-	34	1,065	-	-	398	3,892	-	-	-	45,885
Chemical industry	479	-	-	1,239	435	-	-	-	-	-	-	-	2,153
Other industry and construction	39,138	1	-	1,330	6,705	24	25	12,772	-	23,665	43,359	-	127,019
Consumption by transport	-	-	-	12,759	33,429	-	3	1,541	-	914	-	-	48,646
Road	-	-	-	11,772	29,856	-	3	1,541	-	-	-	-	43,172
Rail	-	-	-	-	2,203	-	-	-	-	914	-	-	3,117
Air	-	-	-	987	-	-	-	-	-	-	-	-	987
Inland and coastal waterways	-	-	-	-	1,099	-	-	-	-	-	-	-	1,099
By other modes of transportation	-	-	-	1	271	-	-	-	-	-	-	-	272
Cons. By Households and Other cons	577	213	-	10,568	18,923	-	12,155	7,477	-	29,157	157,486	1,553	238,109
Households	149	213	-	10,339	-	-	11,771	6,406	-	13,323	151,575	116	193,892
Agriculture	-	-	-	-	8,601	-	-	175	-	9,112	-	-	17,888
Other consumers	428	-	-	228	10,322	-	384	895	-	6,721	5,910	1,437	26,325

Energy Balance Sheet of SAARC Region by-Source 2007

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	270,486	-	41,779	-	-	-	-	70,501	-	15,600	210,760	-	609,127
Imports	32,706	2,656	133,116	11,812	16,901	3,073	3,336	-	-	561	-	22	204,184
Exports	-979	-60	-	-20,187	-19,019	-1,944	-106	-	-	-488	-	-6	-42,789
Marine/aviation bunkers	-	-	-	-5,263	-180	-	-	-	-	-	-	-	-5,442
Stock Exchange	-1,232	-	-111	220	-318	11	-	-1	-	-	-	-	-1,431
Total Primary Energy Supply	300,982	2,595	174,783	-13,418	2,615	1,140	3,230	70,501	-	15,674	210,760	16	76,349
Energy Converted	223,252	8,033	-173,711	52,498	73,415	18,030	12,437	-27,088	3,894	65,520	-4,100	1,575	-192,751
Briquetting plants	-	231	-	-	-	-	-	-	-	-	-	-	231
Coke ovens and coke plants	-11,500	7,963	-	-	-	-	-	-	-	-	-	-	-3,536
Gasworks	-	-	-	-	-	-	-	-	16	-	-	-	16
Blast furnaces	-	-162	-	-	-	-	-	-	3,878	-	-	-	3,716
Petroleum refineries	-	-	-169,202	53,378	82,706	16,089	9,847	-	-	-	-	-	-7,180
NGL processing plants	-	-	-4,510	-	-	1,940	2,589	-	-	-	-	-	20
Electric power plants	-211,752	-	-	-880	-9,292	-	-	-27,088	-	65,520	-1,104	-	-184,596
Other conversion industries	-	-	-	-	-	-	-	-	-	-	-2,996	1,575	-1,421
Consumption by energy sector	-	-	-81	-	-3,528	-	-2,394	-2,267	-	-4,322	-	-	-12,593
Losses in transportation and dist	-	-	-8	-	-2	-	-	-1,401	-	-17,781	-	-	-19,191
Consumption for non-energy uses	-	-	-	-12,584	-	-17,198	-	-14,646	-	-	-	-	-44,428
Statistical differences	454	27	983	-4,842	-1,044	1,969	-21	1,331	-	654	1,075	3	590
Final Energy Consumption	77,276	10,602	-	31,338	68,313	3	13,293	23,767	3,894	58,437	205,585	1,588	494,096
Consumption by industry and const	76,747	10,371	-	6,988	6,466	3	98	13,974	3,894	25,824	45,655	-	190,019
Iron and steel industry	34,147	10,371	-	56	1,058	-	-	410	3,894	-	-	-	49,935
Chemical industry	475	-	-	6,262	2,012	-	6	-	-	-	-	-	8,755
Other industry and construction	42,126	-	-	670	3,395	3	92	13,564	-	25,824	45,655	-	131,329
Consumption by transport	-	-	-	14,118	34,623	-	3	2,054	-	939	-	-	51,738
Road	-	-	-	13,098	32,959	-	3	2,054	-	-	-	-	48,114
Rail	-	-	-	-	718	-	-	-	-	939	-	-	1,657
Air	-	-	-	1,020	-	-	-	-	-	-	-	-	1,020
Inland and coastal waterways	-	-	-	-	898	-	-	-	-	-	-	-	898
By other modes of transportation	-	-	-	-	47	-	-	-	-	-	-	-	48
Cons. By Households and Other con	529	231	-	10,233	27,225	-	13,192	7,739	-	31,673	159,929	1,588	252,339
Households	239	231	-	10,152	-	-	12,536	6,605	-	14,221	153,877	140	198,003
Agriculture	-	-	-	-	9,821	-	-	166	-	9,576	-	-	19,563
Other consumers	289	-	-	81	17,404	-	656	968	-	7,876	6,052	1,448	34,774

Energy Balance Sheet of SAARC Region by-Source 2008

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	290,586	-	41,016	-	-	-	-	76,951	-	14,685	220,870	-	644,107
Imports	37,424	1,289	138,272	10,331	18,533	2,898	3,020	-	-	619	-	43	212,429
Exports	-999	-886	-	-19,118	-20,683	-1,139	-121	-	-	-505	-	-22	-43,473
Marine/aviation bunkers	-	-	-	-5,112	-219	-	-	-	-	-	-	-	-5,331
Stock Exchange	-168	-	-164	-4	9,214	-	1,650	-3	-	-	-	-	10,525
Total Primary Energy Supply	326,844	403	179,124	-13,904	6,845	1,759	4,549	76,948	-	14,799	220,871	21	818,257
Energy Converted	224,389	8,697	-183,333	51,934	75,022	14,613	17,859	-27,188	5,292	68,877	-11,217	2,396	-201,438
Briquetting plants	-	236	-	-	-	-	-	-	-	-	-	-	236
Coke ovens and coke plants	-9,685	8,906	-	-	-	-	-	-	-	-	-	-	-780
Gasworks	-	-	-	-	-	-	-	-	17	-	-	-	17
Blast furnaces	-	-445	-	-	-	-	-	-	5,275	-	-	-	4,830
Petroleum refineries	-	-	-180,768	53,280	88,600	14,613	15,115	-	-	-	-	-	-9,160
NGL processing plants	-	-	-2,564	-	-	-	2,744	-	-	-	-	-	180
Electric power plants	-214,704	-	-	-1,346	-13,579	-	-	-27,188	-	68,877	-6,766	-	-194,705
Other conversion industries	-	-	-	-	-	-	-	-	-	-	-4,451	2,396	-2,056
Consumption by energy sector	-9	-	-	-	-3,497	-2,009	-9,499	-5,785	-	-4,582	-	-	-25,382
Losses in transportation and dist	-	-	-	-	-1	-	-	-577	-	-15,697	-	-	-16,276
Consumption for non-energy uses	-	-	-	-4,499	-	-16,354	-	-15,203	-	-	-	-	-36,056
Statistical differences	1,382	-143	-4,209	-1,165	-1,491	-2,001	-665	-7,307	-	592	-	8	-15,000
Final Energy Consumption	101,063	9,243	-	34,696	79,860	10	13,575	35,502	5,292	62,804	209,653	2,408	554,106
Consumption by industry and const.	100,578	9,007	-	3,508	12,464	10	158	24,531	5,292	27,908	48,853	-	232,308
Iron and steel industry	22,135	9,007	-	74	2,418	-	-	11,869	5,292	-	-	-	50,794
Chemical industry	1,916	-	-	1,387	3,128	-	7	-	-	-	-	-	6,437
Other industry and construction	76,527	-	-	2,047	6,918	10	151	12,662	-	27,908	48,853	-	175,077
Consumption by transport	3	-	-	15,329	17,702	-	705	2,725	-	1,026	-	-	37,490
Road	-	-	-	14,576	12,241	-	4	2,725	-	-	-	-	29,546
Rail	3	-	-	-	2,438	-	-	-	-	1,026	-	-	3,467
Air	-	-	-	753	2	-	-	-	-	-	-	-	755
Inland and coastal waterways	-	-	-	-	2,038	-	-	-	-	-	-	-	2,038
By other modes of transportation	-	-	-	-	983	-	700	-	-	-	-	-	1,684
Cons. By Households and Other cons	483	236	-	15,859	49,694	-	12,713	8,246	-	33,870	160,800	2,408	284,308
Households	216	236	-	10,172	-	-	12,437	7,055	-	15,057	154,618	158	199,949
Agriculture	-	-	-	-	1,784	-	-	159	-	10,450	-	-	12,392
Other consumers	267	-	-	5,687	47,911	-	276	1,031	-	8,363	6,183	2,250	71,966

Energy Balance Sheet of SAARC Region by-Source 2009

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	313,311	-	41,109	-	-	-	-	92,295	-	14,505	217,075	-	678,295
Imports	45,604	1,629	160,939	6,843	18,784	3,586	3,449	-	-	610	-	44	241,488
Exports	-1,414	-99	-	-25,386	-23,650	-2,728	-145	-	-	-502	-	-19	-53,943
Marine/aviation bunkers	-	-	-	-5,512	-394	-	-	-	-	-	-	-	-5,906
Stock Exchange	-9,409	-	-63	40	16,532	-4	1,647	-4	-	-	-	-	8,740
Total Primary Energy Supply	348,092	1,530	201,985	-24,014	11,271	855	4,950	92,291	-	14,612	217,076	25	868,673
Energy Converted	241,133	8,612	-208,649	63,037	87,892	20,967	20,960	-35,911	5,442	74,458	-13,033	2,398	-214,961
Briquetting plants	-	248	-	-	-	-	-	-	-	-	-	-	248
Coke ovens and coke plants	-13,003	8,524	-	-	-	-	-	-	-	-	-	-	-4,479
Gasworks	-	-	-	-	-	-	-	-	18	-	-	-	18
Blast furnaces	-	-160	-	-	-	-	-	-	5,425	-	-	-	5,265
Petroleum refineries	-	-	-206,013	63,820	102,740	20,967	18,133	-	-	-	-	-	-353
NGL processing plants	-	-	-2,637	-	-	-	2,827	-	-	-	-	-	190
Electric power plants	-228,130	-	-	-783	-14,849	-	-	-35,911	-	74,458	-8,577	-	-213,792
Other conversion industries	-	-	-	-	-	-	-	-	-	-	-4,455	2,398	-2,058
Consumption by energy sector	-10	-	-	-	-3,763	-2,562	-11,390	-2,427	-	-4,592	-	-	-24,743
Losses in transportation and dist	-	-	-	-2	-1	-	6	-1,187	-	-17,432	-	-	-18,622
Consumption for non-energy uses	-	-	-	-1,280	-	-19,826	-	-20,235	-	-	-	-	-41,341
Statistical differences	-572	604	-6,664	616	8,706	-584	-1,980	-6,453	-	-671	-	9	-6,989
FINAL ENERGY CONSUMPTION	107,522	9,538	-	37,125	86,693	19	16,500	38,983	5,442	67,718	204,043	2,413	575,995
Consumption by industry and const.	107,088	9,290	-	1,663	12,995	19	1,135	27,093	5,442	31,153	41,141	-	237,021
Iron and steel industry	23,487	9,290	-	3	2,470	-	-	13,529	5,442	-	-	-	54,222
Chemical industrv	1,523	-	-	607	3,296	-	7	-	-	-	-	-	5,433
Other industry and construction	82,077	-	-	1,054	7,229	19	1,129	13,564	-	31,153	41,141	-	177,366
Consumption by transport	-	-	-	17,818	-17,310	-	831	3,196	-	1,049	-	-	40,264
Road	-	-	-	17,055	12,492	-	255	3,196	-	-	-	-	32,998
Rail	-	-	-	-	2,688	-	-	-	-	1,049	-	-	3,737
Air	-	-	-	763	2	-	-	-	-	-	-	-	765
Inland and coastal waterways	-	-	-	-	1,792	-	-	-	-	-	-	-	1,792
By other modes of transportation	-	-	-	-	397	-	576	-	-	-	-	-	973
Cons. By Households and Other cons	434	248	-	17,643	56,327	-	14,533	8,694	-	35,516	162,901	2,413	298,710
Households	372	248	-	10,196	-	-	13,262	7,437	-	14,809	156,631	157	203,112
Agriculture	-	-	-	-	2,006	-	-	170	-	11,078	-	-	13,253
Other consumers	62	-	-	7,447	54,322	-	1,271	1,088	-	9,629	6,271	2,256	82,346

Energy Balance Sheet of SAARC Region by-Source 2010

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	314,501	-	45,305	-	-	-	-	97,743	-	16,362	224,366	-	698,277
Imports	43,092	1,121	171,648	10,368	19,169	1,292	5,430	-	-	715	3	62	252,900
Exports	-2,552	-514	-	-31,382	-27,123	-2,841	-171	-	-	-497	-	-24	-65,104
Marine/aviation bunkers	-	-	-	-5,574	-447	-2	-	-	-	-	-	-	-6,023
Stock Exchange	-4,194	-	-112	58	-4,600	1	2,137	-18	-	-	-	-	-6,728
Total Primary Energy Supply	350,847	607	216,841	-26,531	-13,002	-1,550	7,396	97,725	-	16,580	224,369	38	873,320
Energy Converted	-216,067	7,522	-221,872	66,848	95,446	23,137	21,025	-38,610	5,367	77,656	-14,608	2,405	-191,751
Briquetting plants	-	279	-	-	-	-	-	-	-	-	-	-	279
Coke ovens and coke plants	-9,030	7,402	-	-	-	-	-	-	-	-	-	-	-1,628
Gasworks	-	-	-	-	-	-	-	-	-	-	-	-	-
Blast furnaces	-	-159	-	-	-	-	-	-	18	-	-	-	-141
Petroleum refineries	-	-	-219,361	67,343	105,792	23,137	18,339	-	5,349	-	-	-	599
NGL processing plants	-	-	-2,511	-	-	-	2,686	-	-	-	-	-	175
Electric power plants	-207,037	-	-	-494	-10,343	-	-	-38,610	-	77,656	-10,139	-	-188,967
Other conversion industries	-	-	-	-1	-	-	-	-	-	-	-4,469	2,405	-2,065
Consumption by energy sector	-10	-	-	-	-3,914	-2,891	-12,148	-1,166	-	-4,828	-	-	-24,957
Losses in transportation and dist	-	-	-	-2	-	-	-	-2,034	-	-14,263	-	-	-16,301
Consumption for non-energy uses	-	-	-	-1,788	-	-17,266	-	-17,072	-	-	-	-	-36,126
Statistical differences	37,876	-1,808	-5,030	-748	-2,682	1,409	-1,561	1,699	-	5,657	-7	10	34,815
Final Energy Consumption	96,894	9,937	-	39,276	81,214	22	17,834	37,144	5,367	69,489	209,768	2,433	569,378
Consumption by industry and const.	95,657	9,658	-	1,934	7,460	22	1,177	22,903	5,367	27,015	44,787	-	215,980
Iron and steel industry	25,092	9,658	-	-	267	-	-	10,282	5,367	-	-	-	50,666
Chemical industry	315	-	-	824	893	-	9	-	-	-	-	-	2,041
Other industry and construction	70,251	-	-	1,111	6,300	22	1,169	12,621	-	27,015	44,787	-	163,276
Consumption by transport	-	-	-	20,174	16,930	-	906	3,750	-	1,183	-	-	42,943
Road	-	-	-	19,409	12,265	-	254	3,750	-	-	-	-	35,678
Rail	-	-	-	-	2,741	-	1	-	-	1,183	-	-	3,925
Air	-	-	-	765	1	-	-	-	-	-	-	-	766
Inland and coastal waterways	-	-	-	-	1,112	-	-	-	-	-	-	-	1,112
By other modes of transportation	-	-	-	-	812	-	-	650	-	-	-	-	1,462
Cons. By Households and Other cons	1,237	279	-	17,168	56,824	-	15,751	10,492	-	41,291	164,981	2,433	310,456
Households	553	279	-	9,769	-	-	14,335	9,202	-	18,809	158,626	174	211,747
Agriculture	-	-	-	-	1,346	-	2	197	-	12,012	-	-	13,557
Other consumers	684	-	-	7,398	55,748	-	1,393	1,093	-	10,470	6,355	2,259	85,400

Energy Balance Sheet of SAARC Region By-Source 2011

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	320,340	-	45,702	-	-	-	-	95,090	-	15,759	233,888	-	710,779
Imports	62,616	1,700	175,844	9,183	17,875	1,572	10,019	-	-	1,029	1	63	279,902
Exports	-1,208	-441	-	-31,515	-28,208	-2,847	-193	-	-	-448	-	-22	-64,882
Marine/aviation bunkers	-	-	-	-5,823	-406	-2	-	-	-	-	-	-	-6,232
Stock Exchange	-290	-	18	-29	-3,755	-18	-502	-7	-	-	-	-	-4,582
Total Primary Energy Supply	381,458	1,260	221,564	-28,185	-14,494	-1,296	9,324	95,083	-	16,340	233,889	41	914,984
Energy Converted	-250,880	7,013	-221,400	68,324	98,978	27,156	23,511	-34,411	5,578	80,143	-16,961	2,426	-210,523
Briquetting plants	-	362	-	-	-	-	-	-	-	-	-	-	362
Coke ovens and coke plants	-9,352	6,753	-	-	-	-	-	-	-	-	-	-	-2,599
Gasworks	-	-	-	-	-	-	-	-	19	-	-	-	19
Blast furnaces	-	-102	-	-	-	-	-	-	5,559	-	-	-	5,457
Petroleum refineries	-	-	-218,880	68,568	108,832	27,156	20,813	-	-	-	-	-	6,489
NGL processing plants	-	-	-2,520	-	-	-	2,698	-	-	-	-	-	178
Electric power plants	-241,528	-	-	-243	-9,854	-	-	-34,411	-	80,143	-12,454	-	-218,348
Other conversion industries	-	-	-	-	-	-	-	-	-	-	-4,507	2,426	-2,081
Consumption by energy sector	-340	-	-	-	-3,332	-2,516	-12,452	-1,234	-	-5,310	-	-	-25,184
Losses in transportation and dist	-	-	-	-	-	-	-	-1,167	-	-17,634	-	-	-18,801
Consumption for non-energy uses	-	-	-	-1,727	-	-18,841	-	-17,165	-	-	-	-	-37,733
Statistical differences	45,241	-2,537	164	-2,697	-3,653	4,486	1,384	-1,722	-	-2,776	-	11	37,900
Final Energy Consumption	84,996	10,809	-	41,110	84,805	17	18,999	42,828	5,578	76,316	216,928	2,455	584,841
Consumption by industry and cons	84,995	10,447	-	9,668	7,291	17	1,210	27,252	5,578	33,430	50,040	-	229,929
Iron and steel industry	21,502	10,447	-	0	319	-	-	10,300	5,578	-	-	-	48,147
Chemical industrv	1,607	-	-	8,500	872	-	22	-	-	-	-	-	11,001
Other industry and construction	61,886	-	-	1,168	6,100	17	1,187	16,952	-	33,430	50,040	-	170,781
Consumption by transport	-	-	-	22,009	16,743	-	899	3,873	-	1,211	-	-	44,734
Road	-	-	-	21,428	12,404	-	255	3,873	-	-	-	-	37,960
Rail	-	-	-	-	2,782	-	1	-	-	1,211	-	-	3,994
Air	-	-	-	581	1	-	-	-	-	-	-	-	582
Inland and coastal waterways	-	-	-	-	1,116	-	-	-	-	-	-	-	1,116
By other modes of transportation	-	-	-	-	439	-	643	-	-	-	-	-	1,082

Energy Balance Sheet of SAARC Region by-Source 2012
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derive d Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	387,615	-	46,483	-	-	-	341	90,069	-	101,819	232,953	-	859,280
Imports	104,534	1,990	193,310	10,408	17,577	399	364	-	-	912	5	-	329,501
Exports	-1,977	-730	-12	-33,489	-28,205	-144	-214	-	-	-	-	-	-64,770
Marine/aviation bunkers	-	-	-	-5,895	-485	-	-	-	-	-	-	-	-6,381
Stock Exchange	-8,003	-	169	-168	3,714	26	603	-714	-	-	-	-	-4,375
Total Primary Energy Supply	482,169	1,261	239,950	-29,143	-7,399	280	1,093	89,354	-	102,732	232,958	-	1,113,255
Energy Converted	-317,894	537	-5,147	-419	-10,657	-10,082	-	-30,285	-	85,116	-29,165	-	-317,997
Briquetting plants	-	629	-	-	-	-	-	-	-	-	-	-	629
Coke ovens and coke plants	-11,160	-	-	-	-	-	-	-	-	-	-	-	-11,160
Gasworks	-	-	-	-	-	-	-	-	20	-	-	-	20
Blast furnaces	-	-92	-	-	-	-	-	-	-	-	-	-	-92
Petroleum refineries	-	-	-	-	-	-10,082	-	-118	-	-	-	-	-10,200
Electric power plants	-306,735	-	-	-419	-1,134	-	-	-30,167	-	85,116	-18,739	-	-272,078
Other conversion industries	-	-	-5,147	-	-9,522	-	-	-	-	-	-10,427	-	-25,097
Consumption by energy sector	-337	-	-	-	-3,109	-	-	-1,268	-	-	-	-	-4,714
Losses in transportation and dist	-	-	-	-	-	-	-	-1,516	-	-17,979	-	-	-19,495
Consumption for non-energy uses	-	-	-	-1,542	-	-16,227	-	-16,356	-	-	-	-	-34,125
Statistical differences	61,876	1,238	234,803	-73,439	-109,381	-9,802	18,351	-12,412	7,290	145,975	218	-2,214	262,502
Final Energy Consumption	102,062	560	-	43,877	88,216	-	17,258	70,213	7,290	41,873	203,575	2,214	577,139
Consumption by industry and const.	102,056	252	-	9,845	7,455	-	12	54,065	7,290	8,665	35,465	-	225,105
Iron and steel industry	25,282	125	-	-	289	-	-	10,453	7,290	5,584	-	-	49,023
Chemical industrv	1,723	0	-	9,759	736	-	12	717	-	3,081	-	-	16,027
Other industry and construction	75,051	127	-	86	6,430	-	-	42,894	-	-	35,465	-	160,055
Consumption by transport	-	-	-	25,788	15,923	-	779	3,433	-	1,203	-	-	47,126
Road	-	-	-	25,554	12,152	-	237	3,433	-	-	-	-	41,376
Rail	-	-	-	-	3,061	-	-	-	-	1,203	-	-	4,263
Air	-	-	-	220	1	-	-	-	-	-	-	-	221
Inland and coastal waterways	-	-	-	14	435	-	-	-	-	-	-	-	449
By other modes of transportation	-	-	-	-	274	-	542	-	-	-	-	-	816
Cons. By Households and Other cons	6	309	-	8,244	64,839	-	16,467	12,715	-	32,006	168,110	2,214	304,908
Households	3	309	-	8,097	-	-	14,898	11,211	-	19,308	162,754	-	216,578
Agriculture	-	-	-	-	1,832	-	-	187	-	12,698	-	-	14,716
Other consumers	3	-	-	147	63,007	-	1,569	1,318	-	-	5,356	2,214	73,614

Energy Balance Sheet of SAARC Region by-Source 2013

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	392,666	-	46,156	-	-	-	-	80,782	-	115,771	233,954	-	869,329
Imports	120,420	2,725	198,516	10,135	17,388	4,332	257	-	-	-	5	-	353,778
Exports	-1,510	-129	-	-28,575	-32,568	-114	-	-	-	-	-	-	-62,896
Marine/aviation bunkers	-	-	-	-5,018	-1,751	-3,031	-	-	-	-	-	-	-9,800
Stock Exchange	-5,006	-	-	215	-227	89	-	-	-	-	-	-	-4,929
Total Primary Energy Supply	506,441	2,596	244,672	-23,243	-17,158	1,276	257	80,782	-	115,771	233,959	-	1,145,353
Energy Converted	-337,787	-15,430	-4,879	-332	-7,349	10,233	-	-33,992	-	-	-10,542	-	-400,078
Briquetting plants	-	1,305	-	-	-	-	-	-	-	-	-	-	1,305
Coke ovens and coke plants	-25,820	-	-	-	-	-	-	-	-	-	-	-	-25,820
Gasworks	-	-	-	-	-	-	-	-	20	-	-	-	20
Blast furnaces	-2,091	-15,430	-	-	-	-	-	-	-	-	-	-	-17,521
Petroleum refineries	-	-	-87	-	-	-10,233	-	-	-	-	-	-	-10,320
Electric power plants	-309,877	-	-	-332	-7,349	-	-	-33,992	-	92,973	-5,311	-	-263,888
Other conversion industries	-	-	-4,966	-	-	-	-	-	-	-	-5,231	-	-10,197
Consumption by energy sector	-270	-	-	-	-	-	-	-4,644	-	-	-	-	-4,914
Losses in transportation and dist	-	-	-186	-	-	-	-	-1,115	-	-20,999	-	-	-22,300
Consumption for non-energy uses	-	-	-	-8,484	-1,059	-5,198	-	-19,384	-	-	-	-	-34,125
Statistical differences	-21,607	-13,335	239,607	-71,722	-106,256	-3,656	-16,569	-17,739	-8,366	54,696	5,494	-2,392	38,155
Final Energy Consumption	189,991	501	-	39,664	80,690	9,967	16,826	39,386	8,366	61,075	217,923	2,392	666,780
Consumption by industry and const.	179,065	127	-	4,035	8,815	9,967	0	19,664	8,366	8,665	52,641	-	291,345
Iron and steel industry	41,533	-	-	-	502	-	-	227	8,366	5,584	-	-	56,212
Chemical industry	1,940	-	-	3,184	1,301	-	-	717	-	3,081	-	-	10,223
Other industry and construction	135,592	127	-	851	7,012	9,967	-	18,719	-	-	52,641	-	224,909
Consumption by transport	-	-	-	27,465	59,909	-	218	4,952	-	1,307	-	-	93,852
Road	-	-	-	27,465	55,129	-	217	4,952	-	-	-	-	87,763
Rail	-	-	-	-	3,119	-	-	-	-	1,307	-	-	4,426
Air	-	-	-	1,877	-	-	-	-	-	-	-	-	1,877
Inland and coastal waterways	-	-	-	15	667	-	-	-	-	-	-	-	682
By other modes of transportation	-	-	-	-	1,662	-	1	-	-	-	-	-	1,663
Cons. By Households and Other cons	10,925	374	-	8,163	11,965	-	16,608	14,771	-	51,103	165,282	2,392	281,583
Households	4,256	374	-	8,043	-	-	15,853	12,550	-	22,479	159,910	-	223,465
Agriculture	-	-	-	-	10,594	-	-	203	-	14,365	-	-	25,162
Other consumers	6,669	-	-	120	1,371	-	755	2,018	-	14,259	5,372	2,392	32,956

Energy Balance Sheet of SAARC Region by-Source 2014

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	425,927	-	45,229	-	-	-	-	82,506	-	128,525	243,586	-	925,773
Imports	150,276	2,168	199,666	7,402	21,353	2,612	-	14,185	-	900	5	-	398,567
Exports	-870	-99	-23	-30,531	-30,170	-99	-	-	-	-422	-	-	-62,214
Marine/aviation bunkers	-	-	-	-6,410	-1,662	-1,766	-	-	-	-	-	-	-9,838
Stock Changes	-4,037	-	2	-947	-307	-5	-	-670	-	-	-	-	-5,964
Total Primary Energy Supply	571,296	2,069	244,874	-30,486	-10,786	742	-	96,021	-	129,003	243,591	-	1,246,324
Energy Converted	-383,336	-13,199	6,964	-354	-21,730	-8,091	-	-61,969	-	78,577	-10,669	-4,973	-418,780
Briquetting plants	-	1,212	-	-	-	-	-	-	-	-	-	-	1,212
Coke ovens and coke plants	-39,644	-7,205	-	-	-	-	-	-	21	-	-	-	-46,849
Gasworks	-	-	-	-	-	-	-	-	-	-	-	-	21
Blast furnaces	-	-7,206	-	-	-	-	-	-	-	-	-	-	-7,206
Petroleum refineries	-	-	11,010	-	-	587	-	-	-	-	-	-	11,597
Electric power plants	-343,091	-	-	-341	-20,323	-	-	-29,092	-	105,184	-10,669	-	-298,332
Other conversion industries	-	-	-3,894	-	-1,017	-	-	-5,623	-	-3,853	-	-4,973	-8,867
Consumption by energy sector	-601	-	-	-	-	-	-	-1,829	-	-22,754	-	-	-11,094
Losses in transportation and dist	-	-	-152	-	-	-	-	-	-	-	-	-	-24,735
Consumption for non-energy uses	-	-	-	-13	-390	-8,678	-	-25,425	-	-	-	-	-34,506
Statistical differences	-40,757	-21,112	251,686	-76,572	-113,584	-16,028	-19,959	-31,530	-4,383	85,916	4,924	-7,192	11,409
Final Energy Consumption	228,116	9,982	-	45,719	79,661	-	1	19,959	4,383	95,057	227,998	2,219	745,800
Consumption by industry and const.	208,277	9,635	-	10,397	5,930	1	1,381	19,125	4,383	40,439	54,393	-	353,961
Iron and steel industry	55,800	9,635	-	-	460	-	-	205	4,383	6,239	-	-	76,722
Chemical industry	1,885	-	-	10,180	791	-	37	-	-	3,440	-	-	16,333
Other industry and construction	150,592	-	-	217	4,679	1	1,344	18,920	-	30,760	54,393	-	260,906
Consumption by transport	-	-	-	27,521	61,853	-	188	3,151	-	1,368	-	-	94,081
Road	-	-	-	25,576	57,812	-	187	3,151	-	-	-	-	86,726
Rail	-	-	-	-	3,227	-	-	-	-	1,368	-	-	4,595
Air	-	-	-	1,930	1	-	-	-	-	-	-	-	1,931
Inland and coastal waterways	-	-	-	15	670	-	-	-	-	-	-	-	685
By other modes of transportation	-	-	-	-	143	-	1	-	-	-	-	-	144
Cons. By Households and Other cons	19,839	347	-	7,801	11,878	-	18,390	10,429	-	53,250	173,605	2,219	297,758
Households	4,425	347	-	7,576	-	-	17,839	9,088	-	23,956	166,922	-	230,153
Agriculture	-	-	-	-	10,677	-	-	193	-	15,169	-	-	26,039
Other consumers	15,414	-	-	225	1,201	-	551	1,148	-	14,125	6,683	2,219	41,566

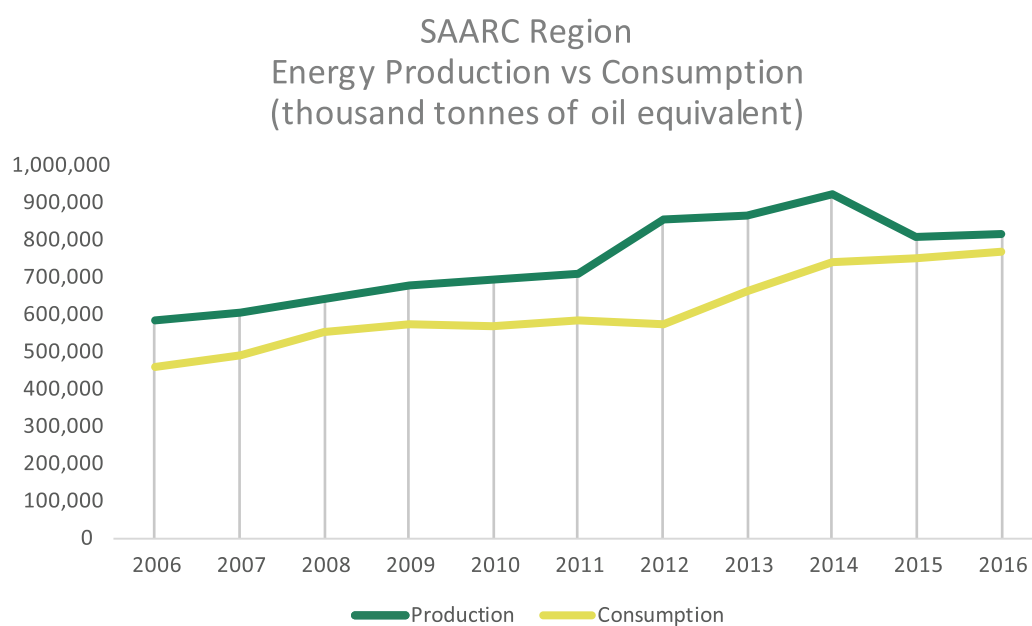
Energy Balance Sheet of SAARC Region By-Source 2015 (Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	290,305	-	46,493	-	-	-	-	89,353	-	133,626	249,673	-	809,450
Imports	147,828	2,059	216,196	4,197	18,029	22,788	10,356	18,918	-	975	-	-	441,345
Exports	-879	-98	-311	-14,635	-27,355	-7,183	-	-	-	-12	-	-	-50,472
Marine/aviation bunkers	-	-	-	-6,109	-1,972	-1	-	-	-	-	-	-	-8,081
Stock Changes	3,494	-	-133	200	-820	-35	-	-150	-	-	-	-	2,556
Total Primary Energy Supply	440,749	1,960	262,245	-16,347	-12,118	15,569	-	-108,121	-	134,590	249,673	-	1,194,798
Energy Converted	-341,630	-36,320	-255,959	-3,406	-12,936	-15,785	-	-66,432	-	80,999	-21,963	-	-673,432
Briquetting plants	-	834	-	-	-	-	-	-	-	-	-	-	834
Coke ovens and coke plants	-26,759	-	-	-	-	-	-	-	-	-	-	-	-26,759
Gasworks	-	-	-	-	-	-	-	-	23	-	-	-	21
Blast furnaces	-	-18,464	-	-	-	-	-	-	-	-	-	-	-18,464
Petroleum refineries	-	-	-251,194	-	-	-	-	-	-	-	-	-	-251,194
Electric power plants	-314,653	-18,690	-	-207	-11,693	-	-	-35,732	-	111,674	-10,990	-	-280,290
Other conversion industries	-	-	-4,765	-	-	-	-	-	-	-	-10,973	-	-15,738
Consumption by energy sector	-218	-	-	-	-1,244	-	-	-871	-	-7,522	-	-	-9,855
Losses in transportation and dist	-	-	-	-	-	-	-	-2,488	-	-23,153	-	-	-25,641
Consumption for non-energy uses	-	-	-	-3,199	-	-15,785	-	-27,341	-	-	-	-	-46,325
Statistical differences	-72,888	-38,389	6,286	-80,316	-122,409	-30,977	-25,486	-23,408	-9,391	82,423	-6,015	-2,500	-323,070
Final Energy Consumption	171,789	4,030	-	57,364	96,111	14,976	25,486	34,398	9,391	102,489	233,725	2,500	752,259
Consumption by industry and const.	169,634	3,944	-	14,091	6,820	14,976	2,348	16,508	9,391	44,139	55,766	-	337,617
Iron and steel industry	39,563	3,944	-	-	492	-	-	189	9,391	5,961	-	-	59,541
Chemical industry	1,838	-	-	11,240	889	-	5	-	-	3,385	-	-	17,357
Other industry and construction	128,233	-	-	2,851	5,439	14,976	2,342	16,319	-	34,793	55,766	-	260,719
Consumption by transport	-	-	-	32,851	18,317	-	205	4,956	-	1,427	-	-	57,756
Road	-	-	-	30,635	13,550	-	203	4,956	-	-	-	-	49,344
Rail	-	-	-	-	3,390	-	-	-	-	1,427	-	-	4,817
Air	-	-	-	2,204	1	-	-	-	-	-	-	-	2,205
Inland and coastal waterways	-	-	-	13	1,226	-	-	-	-	-	-	-	1,239
By other modes of transportation	-	-	-	-	150	-	1	-	-	-	-	-	152
Cons. By Households and Other cons	2,155	86	-	10,422	70,974	-	22,934	12,934	-	56,923	177,959	2,500	356,887
Households	2	86	-	7,466	-	-	20,181	10,795	-	26,446	171,024	-	236,000
Agriculture	-	-	-	-	1,900	-	-	200	-	15,832	-	-	17,932
Other consumers	2,153	-	-	2,956	69,074	-	2,753	1,939	-	14,646	6,935	2,500	102,955

Energy Balance Sheet of SAARC Region by Source 2016

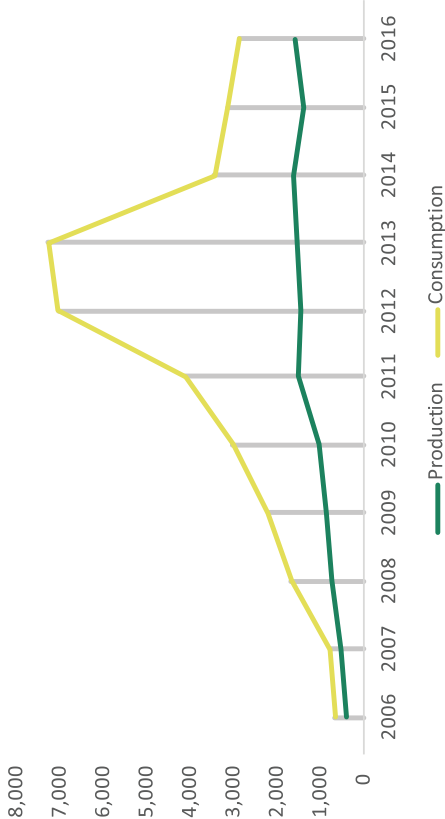
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	296,260	-	46,890	-	-	-	-	91,517	-	141,682	245,805	-	822,155
Imports	170,429	3,059	232,603	5,113	19,909	17,533	10,356	17,137	-	1,098	-	-	477,237
Exports	-1,241	-98	-192	-17,751	-31,166	-3,560	-	-	-	-1,073	-	-	-55,080
Marine/aviation bunkers	-	-	-	-6,368	-2,277	-	-	-	-	-	-	-	-8,646
Stock Changes	-7,573	-973	-62	-811	-811	-	-	-344	-	-	-	-	-10,575
Total Primary Energy Supply	457,876	1,989	279,239	-19,818	-14,346	13,973	10,356	108,310	-	141,708	245,805	-	1,225,091
Energy Converted	-335,206	-31,657	-268,876	-3,421	-11,371	-9,626	-	-70,539	-23	90,452	-46,855	-	-687,121
Briquetting plants	-	836	-	-	-	-	-	-	-	-	-	-	836
Coke ovens and coke plants	-11,963	-	-	-	-	-	-	-	-	-	-	-	-11,963
Gasworks	-	-	-	-	-	-	-	-	23	-	-	-	23
Blast furnaces	-	-11,286	-	-	-	-	-	-	-	-	-	-	-11,286
Petroleum refineries	-	-	-263,524	-	-	-	-	-	-	-	-	-	-263,524
Electric power plants	-323,051	-21,206	-	-253	-11,344	-	-	-37,313	-	115,511	-23,427	-	-301,084
Other conversion industries	-	-	-5,352	-	-	-	-	-	-	-	-23,427	-	-28,779
Consumption by energy sector	-192	-	-	-	-27	-	-	-6,500	-	-765	-	-	-7,484
Losses in transportation and dist	-	-	-	-	-	-	-	-2,499	-	-24,294	-	-	-26,793
Consumption for non-energy uses	-	-	-	-3,168	-	-9,626	-	-24,227	-	-	-	-	-37,021
Statistical differences	-85,766	-39,161	10,364	-82,011	-124,966	-22,708	-16,499	-24,219	-10,455	94,862	-8,617	-238	-309,412
Final Energy Consumption	208,244	9,494	-	55,604	99,222	17,429	26,854	28,763	10,455	112,239	207,567	238	776,108
Consumption by industry and const.	207,618	9,139	-	11,554	6,237	17,429	2,334	13,721	10,455	41,996	51,459	-	371,943
Iron and steel industry	36,858	9,072	-	-	170	-	-	18	10,455	5,686	-	-	62,260
Chemical industrv	1,047	67	-	11,329	128	-	14	-	-	3,677	-	-	16,262
Other industry and construction	169,712	-	-	225	5,939	17,429	2,320	13,703	-	32,633	51,459	-	293,421
Consumption by transport	-	-	-	37,812	71,692	-	611	2,887	-	1,481	-	-	114,482
Road	-	-	-	34,894	63,781	-	206	2,887	-	-	-	-	101,767
Rail	-	-	-	-	3,357	-	-	-	-	1,481	-	-	4,837
Air	-	-	-	2,903	3,142	-	-	-	-	-	-	-	6,045
Inland and coastal waterways	-	-	-	15	1,252	-	-	-	-	-	-	-	1,267
By other modes of transportation	-	-	-	-	160	-	406	-	-	-	-	-	566
Cons. By Households and Other cons	626	354	-	6,237	21,293	-	23,909	12,155	-	68,762	156,108	238	289,682
Households	2	354	-	5,951	-	-	22,408	10,914	-	28,901	149,105	-	217,637
Agriculture	-	-	-	-	2,012	-	-	24	-	17,751	-	-	19,787
Other consumers	624	-	-	286	19,281	-	1,501	1,217	-	22,109	7,002	238	52,258



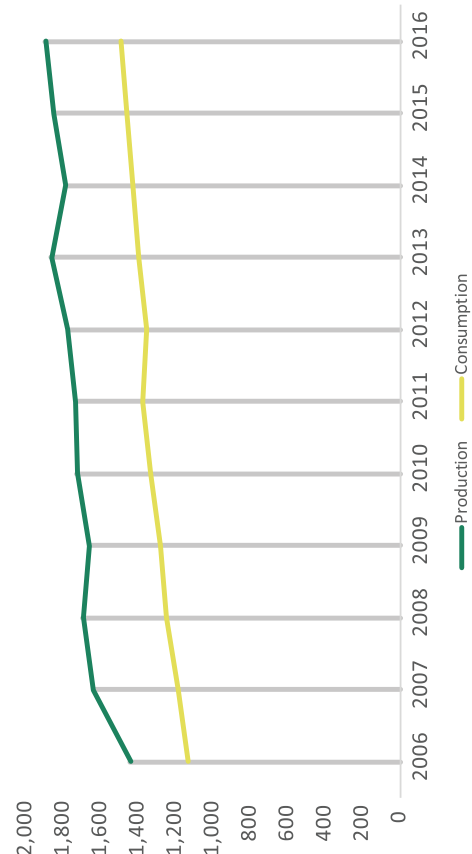
Afghanistan

Energy Production vs Consumption
(thousand tonnes of oil equivalent)



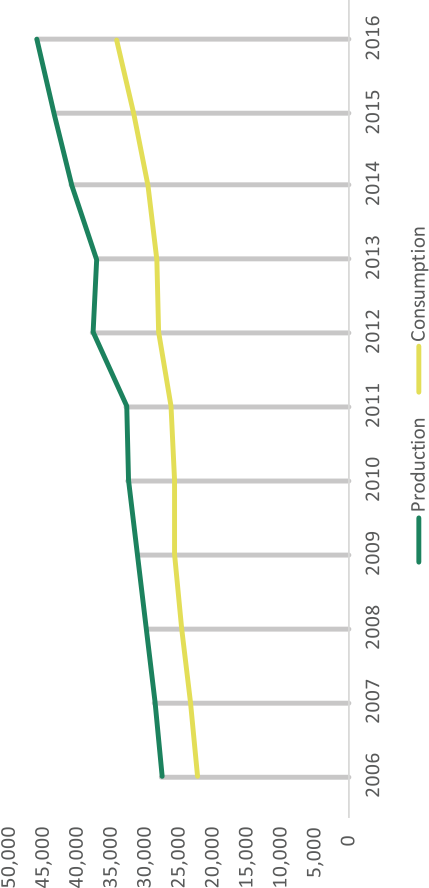
Bhutan

Energy Production vs Consumption
(thousand tonnes of oil equivalent)



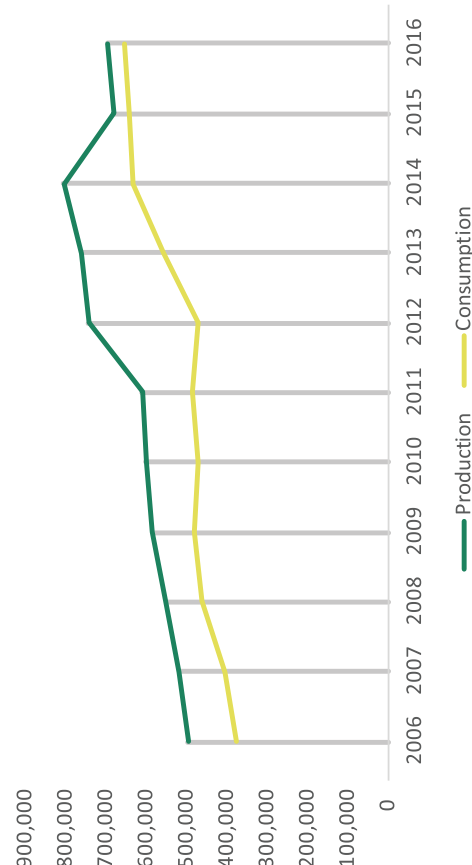
Bangladesh

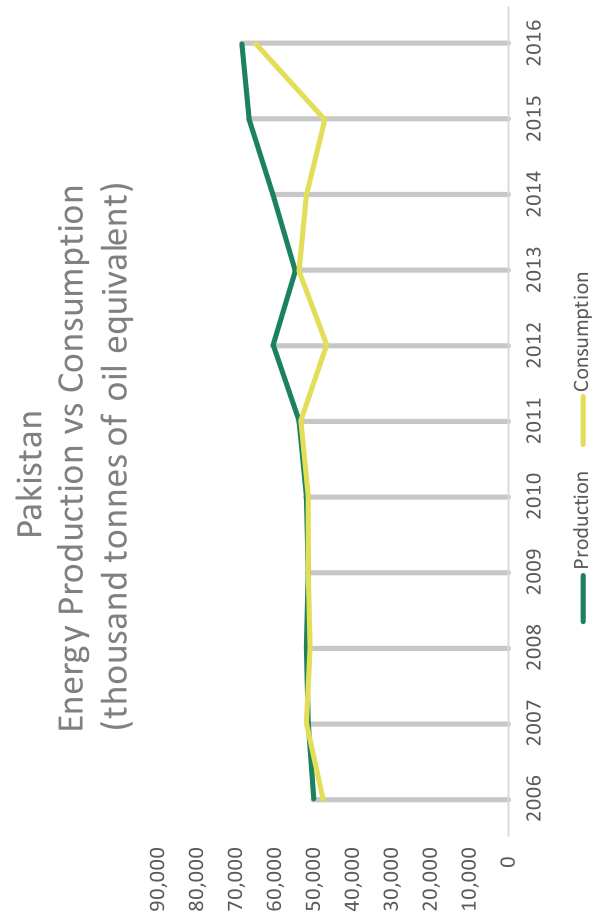
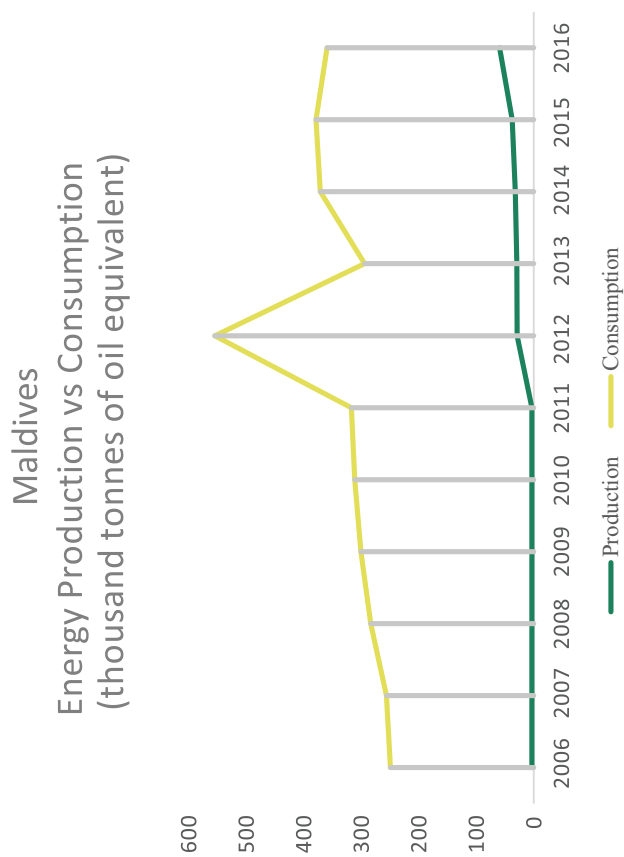
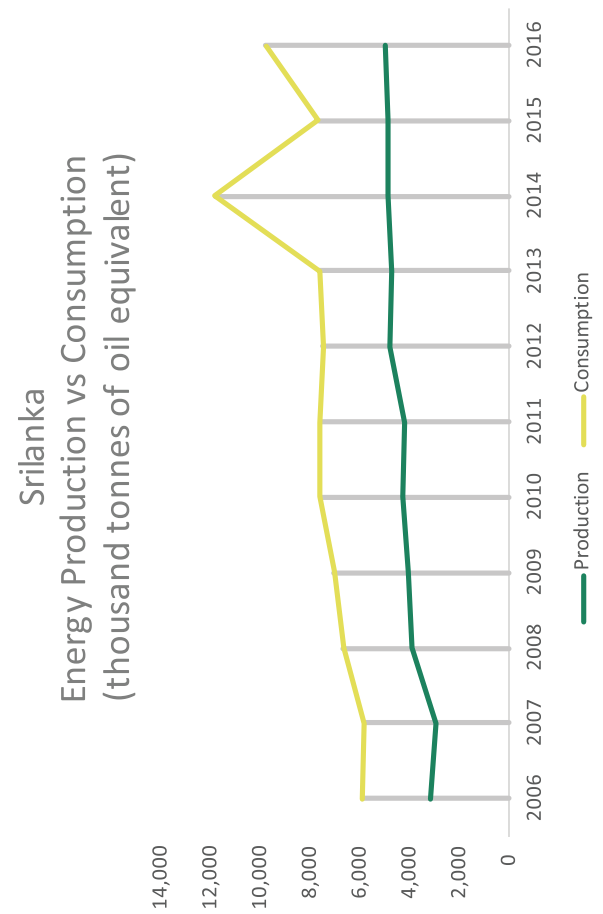
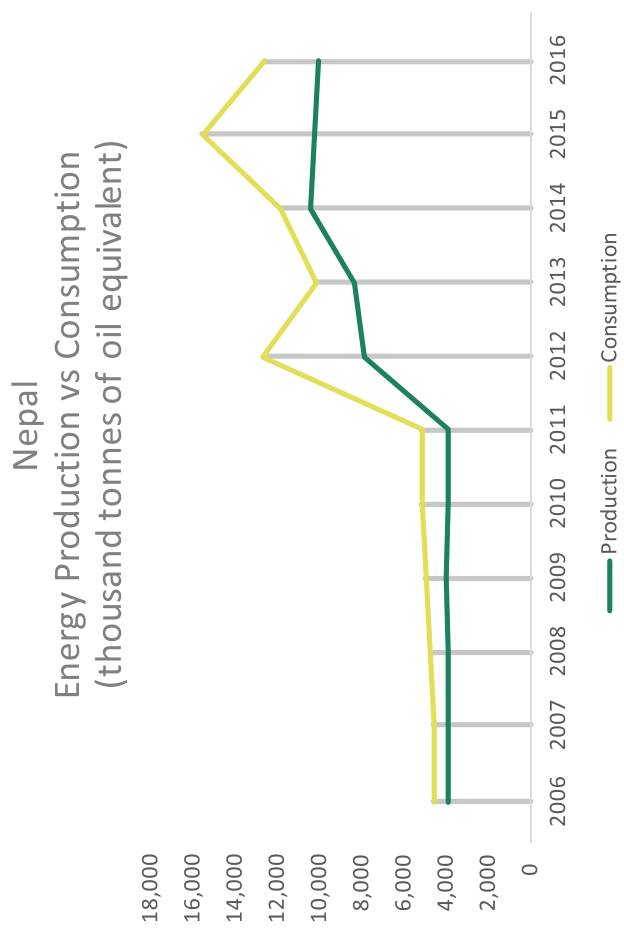
Energy Production vs Consumption
(thousand tonnes of oil equivalent)



India

Energy Production vs Consumption
(thousand tonnes of oil equivalent)





Total Energy Balance Sheet by Country for 2006

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	404	27,672	1,436	497,296	3	3,944	50,220	3,144	584,118
Imports	443	6,241	74	154,399	284	847	19,346	4,172	185,806
Exports	-	-190	-353	-34,347	-	-6	-1,388	-47	-36,331
Marine/aviation Bunkers	-10	-310	-1	-4,033	-	-51	-274	-255	-4,933
Stock Change	-	101	-	-5,814	-	-	-471	-112	-6,296
Total Primary Energy Supply	837	33,513	1,156	607,501	287	4,734	67,434	6,902	722,364
Energy Converted	-174	-5,360	-13	-161,714	-36	-48	-10,462	-356	-178,163
Briquetting Plants	-	-	-	213	-	-	-	-	213
Coke Ovens and Coke Plants	-	-	-	-2,905	-	-	-34	-	-2,939
Gasworks	-	-	-	15	-	-	-	-	15
Blast Furnaces	-	-	-	3,832	-	-	-63	-	3,769
Petroleum Refineries	-	-61	-	-6,572	-	-	-119	156	-6,596
NGL Processing Plants	-	-	-	17	-	-	3	-	20
Electric Power Plants	-50	-5,110	-	-155,257	-36	-3	-10,209	-511	-171,176
Other conversion industries	-125	-189	-13	-1,058	-	-45	-40	-1	-1,470
Consumption by Energy Sector	-4	-147	-	-11,343	-1	-3	-839	182	-12,518
losses in Transportation and Distribution	-17	-998	-10	-15,461	-1	-69	-2,389	-125	-19,069
Consumption by NON-Energy users	-7	-2,772	-1	-32,625	-	-	-3,689	-218	-39,311
Statistical differences	-41	1,921	-	7,206	-	1	2,278	118	11,483
Final Energy Consumption	616	22,316	1,132	379,151	249	4,614	47,777	5,904	461,819
Consumption by industry and construction	28	3,441	64	151,180	-	476	18,370	1,503	175,064
Iron and Steel Industry	-	-	-	45,404	-	-	470	11	45,885
Chemical Industry	-	-	-	2,162	-	-	-	-	2,162
Other Industry and Construction	28	3,441	64	103,614	-	476	17,901	1,492	127,017
Consumption by Transport	342	1,637	54	34,839	225	265	9,568	1,715	4,847
Road	286	1,251	12	31,186	24	265	8,681	1,467	43,172
Rail	-	164	-	2,766	-	1	161	26	3,117
Air	56	-	-	-	17	-	725	189	987
Inland and Coastal Waterways	-	222	-	659	184	-	-	34	1,099
By Other Modes of Transportation	-	-	42	229	-	-	1	-	272
Cons. By households and other consumers	305	17,238	1,014	193,131	24	3,872	19,838	2,686	238,108
Households	251	16,118	997	153,417	19	3,653	17,068	2,371	193,894
Agriculture	5	598	-	16,423	-	66	788	8	17,888
Other consumers	49	522	17	23,292	5	153	1,982	307	26,327

TOTAL ENERGY Balance Sheet by Country for 2007 (Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	557	28,617	1,626	519,612	3	3,954	51,772	2,987	609,127
Imports	511	5,713	95	171,325	294	862	21,381	4,003	204,184
Exports	-	-267	-513	-40,626	-	-5	-1,376	-1	-42,789
Marine/aviation Bunkers	-10	-275	-1	-4,702	-	-55	-296	-103	-5,442
Stock Change	-	107	-	-1,232	-	-	-311	-	-1,431
Total Primary Energy Supply	1,068	33,894	1,207	644,377	297	4,756	71,169	6,890	763,649
Energy Converted	-122	-5,536	-13	-175,509	-41	-48	-10,886	-596	-192,751
Briquetting Plants	-	-	-	231	-	-	-	-	231
Coke Ovens and Coke Plants	-	-	-	-3,484	-	-	-52	-	-3,536
Gasworks	-	-	-	16	-	-	-	-	16
Blast Furnaces	-	-	-	3,810	-	-	-94	-	3,716
Petroleum Refineries	-	-35	-	-6,965	-	-	-299	119	-7,180
NGL Processing Plants	-	-	-	17	-	-	3	-	20
Electric Power Plants	-59	-5,310	-	-168,068	-42	-2	-10,400	-714	-184,596
Other conversion industries	-62	-191	-13	-1,066	1	-46	-44	-1	-1,421
Consumption by Energy Sector	-4	-224	-	-11,508	-	-3	-686	168	-12,593
Losses in Transportation and Distribution	-17	-801	-13	-15,838	-	-71	-2,318	-133	-19,191
Consumption by NON-Energy users	-7	-2,871	-1	-37,717	-	-	-3,703	-129	-44,428
Statistical differences	118	1,138	-	-2,357	-	-1	1,657	36	590
Final Energy Consumption	789	23,325	1,181	406,163	256	4,635	51,919	5,828	494,096
Consumption by industry and construction	28	3,948	78	164,433	-	517	19,582	1,433	190,019
Iron and Steel Industry	-	-	-	49,413	-	-	518	4	49,935
Chemical Industry	-	-	-	8,754	-	-	-	1	8,755
Other Industry and Construction	28	3,948	78	106,266	-	517	19,064	1,428	131,329
Consumption by Transport	381	1,887	60	35,809	230	272	11,315	1,784	51,738
Road	323	1,458	13	34,090	29	272	10,573	1,356	48,114
Rail	-	182	-	1,290	-	1	158	26	1,657
Air	58	-	-	-	13	-	583	366	1,020
Inland and Coastal Waterways	-	247	-	428	188	-	-	36	898
By Other Modes of Transportation	-	-	46	1	-	-	-	-	48
Cons. By households and other consumers	380	17,490	1,043	205,921	26	3,846	21,022	2,611	252,339
Households	304	16,218	1,024	156,427	20	3,635	18,107	2,268	198,003
Agriculture	8	735	-	17,934	-	55	824	7	19,563
Other consumers	68	537	20	31,561	6	156	2,091	336	34,774

Total Energy Balance Sheet by Country for 2008

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	761	29,835	1,685	551,891	3	3,973	52,005	3,954	644,107
Imports	1,078	4,989	108	179,856	331	976	21,017	4,074	212,429
Exports	-1	-136	-535	-41,538	-	-4	-1,259	-	-43,473
Marine/aviation Bunkers	-10	-295	-1	-4,525	-	-56	-322	-123	-5,331
Stock Change	-	-	-	11,159	-	-	-452	-183	10,525
Total Primary Energy Supply	1,828	34,393	1,258	696,843	334	4,889	70,989	7,723	818,257
Energy Converted	-115	-6,031	-4	-183,354	-48	-48	-10,792	-776	-201,438
Briquetting Plants	-	-	-	236	-	-	-	-	236
Coke Ovens and Coke Plants	-	-	-	-634	-	-	-145	-	-780
Gasworks	-	-	-	17	-	-	-	-	17
Blast Furnaces	-	-	-	5,101	-	-	-271	-	4,830
Petroleum Refineries	-	-51	-	-8,793	-	-	-237	-78	-9,160
NGL Processing Plants	-	-	-	157	-	-	23	-	180
Electric Power Plants	-52	-6,061	-	-177,727	-49	-2	-10,117	-698	-194,705
Other conversion industries	-63	-189	-4	-1,710	1	-46	-45	-	-2,056
Consumption by Energy Sector	-5	-247	-	-24,408	-1	-3	-652	-66	-25,382
losses in Transportation and Distribution	-17	-781	-14	-13,464	-2	-76	-1,797	-125	-16,276
Consumption by NON-Energy users	-7	-2,433	-1	-29,846	-	-	-3,692	-79	-36,056
Statistical differences	6	3	-	-18,055	-	-	3,054	-7	-15,000
Final Energy Consumption	1,680	24,628	1,239	463,826	283	4,763	51,002	6,684	554,106
Consumption by industry and construction	367	4,614	103	206,444	-	504	18,650	1,627	232,308
Iron and Steel Industry	-	-	-	50,167	-	-	624	4	50,794
Chemical Industry	-	-	-	6,437	-	-	18,027	1,623	6,437
Other Industry and Construction	367	4,614	103	149,840	-	504	11,114	1,744	175,077
Consumption by Transport	-	2,281	62	20,719	246	406	10,638	1,496	37,490
Road	-	1,820	14	14,292	28	406	7	28	29,546
Rail	-	196	-	3,236	-	-	469	196	3,467
Air	64	-	-	2	24	-	-	24	755
Inland and Coastal Waterways	-	-	-	1,554	194	-	-	-	2,038
By Other Modes of Transportation	-	265	49	1,635	-	-	-	313	1,684
Cons. By households and other consumers	396	17,733	1,074	236,663	37	3,853	21,238	3,133	284,308
Households	320	16,441	1,053	157,096	31	3,611	18,290	3,107	199,949
Agriculture	8	732	-	10,753	-	81	813	5	12,392
Other consumers	68	560	21	68,814	6	162	2,135	200	71,966

Total Energy Balance Sheet by Country for 2009

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	882	31,187	1,650	584,822	3	4,003	51,709	4,040	678,295
Imports	1,829	4,989	117	207,738	349	1,209	21,082	4,175	241,488
Exports	-13	-144	-476	-51,801	-	-6	-1,502	-	-53,943
Marine/aviation Bunkers	-10	-309	-1	-4,883	-	-66	-405	-232	-5,906
Stock Change	-	-	-	8,912	-	-	-312	140	8,740
Total Primary Energy Supply	2,687	35,722	1,290	744,788	352	5,139	70,571	8,124	868,673
Energy Converted	-102	-6,936	-4	-196,315	-50	-49	-10,697	-808	-214,961
Briquetting Plants	-	-	-	248	-	-	-	-	248
Coke Ovens and Coke Plants	-5	-	-	-4,420	-	-	-54	-	-4,479
Gasworks	-	-	-	18	-	-	-	-	18
Blast Furnaces	-	-	-	5,362	-	-	-98	-	5,265
Petroleum Refineries	-	-	-	-112	-	-	-148	-92	-353
NGL Processing Plants	-	-	-	169	-	-	22	-	190
Electric Power Plants	-32	-6,746	-	-195,869	-50	-3	-10,377	-715	-213,792
Other conversion industries	-65	-191	-4	-1,710	1	-47	-42	-	-2,058
Consumption by Energy Sector	-4	-272	-	-23,819	-1	-3	-610	-33	-24,743
Losses in Transportation and Distribution	-17	-629	-14	-15,231	-2	-91	-2,514	-124	-18,622
Consumption by NON-Energy users	-7	-2,198	-1	-35,096	-	-	-3,951	-89	-41,341
Statistical differences	356	2	-	-8,776	-	-2	1,423	8	-6,989
Final Energy Consumption	2,201	25,685	1,271	483,104	300	4,998	51,375	7,062	575,995
Consumption by industry and construction	463	5,071	108	210,951	-	529	18,285	1,614	237,021
Iron and Steel Industry	-	-	-	53,798	-	-	418	6	54,222
Chemical Industry	-	-	-	5,433	-	-	-	-	5,433
Other Industry and Construction	463	5,071	108	151,721	-	529	17,867	1,608	177,366
Consumption by Transport	1,256	2,593	70	22,122	259	556	11,386	2,023	40,264
Road	1,159	2,105	16	16,542	29	556	10,754	1,836	32,998
Rail	-	207	-	3,363	-	-	135	31	3,737
Air	96	-	-	2	26	-	496	144	765
Inland and Coastal Waterways	-	280	-	1,298	204	-	-	10	1,792
By Other Modes of Transportation	-	-	54	917	-	-	-	1	973

Total Energy Balance Sheet by Country for 2010

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,045	32,537	1,718	602,485	3	3,985	52,181	4,323	698,278
Imports	2,277	5,376	156	217,175	352	1,433	21,740	4,388	252,898
Exports	-32	-152	-495	-62,761	-	-3	-1,632	-28	-65,103
Marine/aviation Bunkers	-10	-326	-1	-4,883	-	-82	-333	-389	-6,024
Stock Change	-	-	-	-6,837	-	-	-53	163	-6,727
Total Primary Energy Supply	3,280	37,435	1,378	745,180	355	5,334	71,903	8,457	873,322
Energy Converted	-110	-7,975	-4	-173,066	-43	-48	-9,861	-639	-191,746
Briquetting Plants	-	-	-	279	-	-	-	-	279
Coke Ovens and Coke Plants	-12	-	-	-1,563	-	-	-53	-	-1,628
Gasworks	-	-	-	18	-	-	-	-	18
Blast Furnaces	-	-	-	5,287	-	-	97	-	5,190
Petroleum Refineries	-	-37	-	-4,453	-	-	-172	-88	-4,750
NGL Processing Plants	-	-	-	157	-	-	18	-	175
Electric Power Plants	-31	-7,746	-	-171,080	-43	-1	-9,515	-550	-188,967
Other conversion industries	-67	-193	-4	-1,710	1	-48	-43	-1	-2,064
Consumption by Energy Sector	-2	-287	-	-24,075	-1	-3	-561	-28	-24,957
Losses in Transportation and Distribution	-34	-775	-16	-12,337	-1	-92	-2,917	-127	-16,301
Consumption by NON-Energy users	-7	-2,695	-1	-29,558	-	-	-3,786	-79	-36,125
Statistical differences	99	6	26	31,628	-	-7	-3,082	-19	34,816
Final Energy Consumption	3,028	25,691	1,330	474,515	311	5,197	51,695	7,604	569,378
Consumption by industry and construction	609	4,327	132	190,740	-	665	17,799	1,708	215,980
Iron and Steel Industry	-	-	-	50,264	-	-	392	10	50,666
Chemical Industry	-	-	-	2,040	-	-	-	-	2,040
Other Industry and Construction	609	4,327	132	138,435	-	665	17,407	1,699	163,274
Consumption by Transport	1,922	2,911	91	23,038	274	605	11,761	2,342	4,847
Road	1,889	2,394	19	17,505	31	605	11,123	2,112	35,678
Rail	-	219	-	3,576	-	-	103	26	3,925
Air	33	-	-	1	21	-	535	176	766
Inland and Coastal Waterways	-	298	-	566	221	-	-	27	1,112
By Other Modes of Transportation	-	-	73	1,390	-	-	-	-	1,463
Cons. By households and other consumers	497	18,460	1,108	260,737	37	3,926	22,135	3,554	310,455
Households	454	17,093	1,097	167,102	30	3,627	19,061	3,302	211,767
Agriculture	8	682	-	11,947	-	112	799	10	13,558
Other consumers	35	685	10	81,689	7	187	2,275	243	85,131

Total Energy Balance Sheet by Country for 2011
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,590	32,845	1,721	612,239	3	3,985	54,161	4,235	710,779
Imports	2,937	5,611	175	243,889	362	1,450	20,211	5,257	279,902
Exports	-32	-161	-496	-63,220	-	-3	-909	-63	-64,882
Marine/aviation Bunkers	-10	-346	-1	-4,883	-	-92	-302	-598	-6,232
Stock Change	-	-	-	-4,683	-	-	-4	105	-4,582
Total Primary Energy Supply	4,484	37,950	1,400	783,343	365	5,340	73,167	8,936	914,984
Energy Converted	-121	-7,669	-17	-192,251	-46	-49	-9,352	-1,018	-210,523
Briquetting Plants	-	-	-	362	-	-	-	-	362
Coke Ovens and Coke Plants	-12	-	-	-2,553	-	-	-34	-	-2,599
Gasworks	-	-	-	19	-	-	-	-	19
Blast Furnaces	-	-	-	5,519	-	-	-62	-	5,457
Petroleum Refineries	-	-70	-	6,966	-	-	-152	-255	6,489
NGL Processing Plants	-	-	-	162	-	-	16	-	178
Electric Power Plants	-41	-7,405	-	-201,015	-47	-1	-9,076	-764	-218,348
Other conversion industries	69	-194	-17	-1,710	1	-49	-44	-	-2,081
Consumption by Energy Sector	-24	-291	0	-24,285	-1	-3	-538	-42	-25,184
Losses in Transportation and Distribution	-34	-885	-9	-15,642	-1	-96	-2,021	-113	-18,801
Consumption by NON-Energy users	-7	-2,939	-1	-31,077	-	-	-3,569	-142	-37,733
Statistical differences	168	1	6	33,513	-	-3	4,197	17	37,900
Final Energy Consumption	4,130	26,165	1,367	486,575	317	5,195	53,490	7,604	584,841
Consumption by industry and construction	1,140	4,444	140	203,405	-	655	18,370	1,775	229,929
Iron and Steel Industry	-	-	-	47,830	-	-	311	6	48,147
Chemical Industry	-	-	-	11,001	-	-	-	-	11,001
Other Industry and Construction	1,140	4,444	140	144,574	-	655	18,058	1,769	170,781
Consumption by Transport	2,523	3,012	109	23,612	277	612	12,301	2,289	44,734
Road	2,461	2,460	21	18,411	33	611	11,740	2,224	37,960
Rail	-	234	-	3,662	-	-	71	26	3,994
Air	62	-	-	1	21	-	490	7	582
Inland and Coastal Waterways	-	318	-	545	223	-	-	31	1,116
By Other Modes of Transportation	-	-	88	994	-	-	-	-	1,082
Cons. By households and other consumers	467	18,710	1,118	259,558	40	3,928	22,818	3,540	310,178
Households	420	17,369	1,106	169,164	32	3,614	19,784	3,268	214,758
Agriculture	8	648	-	12,145	-	116	745	3	13,666
Other consumers	38	693	12	78,249	7	198	2,289	268	81,754

Total Energy Balance Sheet by Country for 2012

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,451	37,792	1,763	744,688	29	7,911	60,865	4,782	859,280
Imports	5,651	5,717	109	290,224	477	1,087	22,935	3,302	329,501
Exports	-30	-130	-32	-63,726	-	-	-852	-	-64,770
Marine/aviation Bunkers	-10	-406	-2	-4,790	-130	-95	-288	-660	-6,381
Stock Change	-	-898	-	-3,548	-	-	-126	197	-4,375
Total Primary Energy Supply	7,062	42,075	1,838	962,849	375	8,902	82,534	7,621	1,113,256
Energy Converted	-59	-12,211	-	-289,362	-75	-210	-20,507	-1,223	-323,649
Briquetting Plants	-	-	-	629	-	-	-	-	629
Coke Ovens and Coke Plants	-44	-	-	-10,934	-	-	-182	-	-11,160
Gasworks	-	-	-	20	-	-	-	-	20
Blast Furnaces	-	-	-	-	-	-	-92	-	-92
Petroleum Refineries	-	-118	-	-10,082	-	-	-	-	-10,200
Electric Power Plants	-14	-11,130	-	-253,283	-75	-208	-6,938	-430	-272,078
Other conversion industries	-1	-963	-	-15,712	-	-2	-7,625	-793	-25,097
Consumption by Energy Sector	-	-45	-	-4,444	-	-	-225	-	-4,714
Losses in Transportation and Distribution	-34	-1,005	-1	-15,676	-1	-90	-2,588	-100	-19,495
Consumption by NON-Energy users	-7	-1,613	-1	-29,274	-3	-276	-2,859	-93	-34,125
Statistical differences	68	4,173	-4,094	156,584	155	180	-1,412	248	155,901
Final Energy Consumption	6,893	23,028	5,931	467,508	141	8,146	57,768	5,957	575,372
Consumption by industry and construction	1,050	4,444	4,853	189,173	8	594	24,246	736	225,105
Iron and Steel Industry	-	-	-	48,739	-	-	277	7	49,023
Chemical Industry	-	-	-	15,310	-	-	717	-	16,027
Other Industry and Construction	1,050	4,444	4,853	125,124	8	594	23,252	729	160,055
Consumption by Transport	5,486	2,674	23	23,658	146	842	12,000	2,297	47,126
Road	5,435	2,402	23	18,698	109	841	11,654	2,215	41,376
Rail	-	268	-	3,736	-	1	233	26	4,263
Air	51	-	-	1	23	-	114	32	221
Inland and Coastal Waterways	-	-	-	412	14	-	-	23	449
By Other Modes of Transportation	-	4	-	811	-	-	-	1	816
Cons. By households and other consumers	408	15,910	1,054	255,090	25	6,710	21,635	2,979	303,811
Households	399	14,267	1,052	170,845	25	6,444	20,570	2,975	216,578
Agriculture	8	1,198	-	12,708	-	116	683	2	14,716
Other consumers	-	444	2	71,537	-	151	381	2	72,517

Total Energy Balance Sheet by Country for 2013 (Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,526	37,063	1,850	760,744	29	8,412	54,973	4,732	869,329
Imports	5,834	5,718	117	313,728	496	1,472	21,477	4,936	353,778
Exports	-32	-105	-4	-62,618	-	-	-	-138	-62,896
Marine/aviation Bunkers	-17	-434	-3	-8,040	-166	-95	-432	-612	-9,800
Stock Change	-	25	-	-4,870	-	-	78	-163	-4,929
Total Primary Energy Supply	7,311	42,268	1,831	998,944	359	9,789	76,096	8,755	1,145,352
Energy Converted	-103	-12,637	-	-378,827	-75	-	-7,747	-689	-400,078
Briquetting Plants	-	-	-	1,305	-	-	-	-	1,305
Coke Ovens and Coke Plants	-48	-	-	-25,582	-	-	-190	-	-25,820
Gasworks	-	-	-	20	-	-	-	-	20
Blast Furnaces	-	-	-	-17,425	-	-	-95	-	-17,521
Petroleum Refineries	-	87	-	10,233	-	-	-	-	10,320
Electric Power Plants	-55	-12,547	-	-243,297	-75	-	-7,241	-672	-263,888
Other conversion industries	-	-177	-	-9,782	-	-	-221	-16	-10,197
Consumption by Energy Sector	-	-22	-	-4,678	-	-	-213	-	-4,914
losses in Transportation and Distribution	-41	-759	-1	-18,633	-1	-63	-2,515	-287	-22,300
Consumption by NON-Energy users	-7	-1,613	-1	-29,274	-3	-276	-2,859	-93	-34,125
Statistical differences	39	4,469	680	19,891	111	-1,619	13,892	690	38,154
Final Energy Consumption	7,162	23,362	1,150	566,273	170	11,132	50,435	7,097	666,780
Consumption by industry and construction	1,114	4,615	50	266,246	7	1,893	15,881	1,539	291,344
Iron and Steel Industry	-	-	-	55,938	-	-	268	7	56,212
Chemical Industry	-	-	-	9,042	-	1,182	-	-	10,223
Other Industry and Construction	1,114	4,615	50	201,266	7	711	15,614	1,532	224,909
Consumption by Transport	5,621	2,572	23	69,937	110	917	12,237	2,435	93,852
Road	5,621	2,323	23	65,962	110	916	11,995	1,359	87,763
Rail	-	245	-	3,938	-	1	243	-	4,426
Air	51	-	-	1,675	30	-	121	-	1,877
Inland and Coastal Waterways	-	-	-	666	15	-	-	1	682
By Other Modes of Transportation	-	4	-	37	-	-	-	1,622	1,663
Cons. By households and other consumers	427	16,175	1,077	230,090	53	8,322	22,317	3,123	281,583
Households	377	14,347	1,064	177,119	34	7,321	20,336	2,868	223,465
Agriculture	8	1,106	0	23,212	8	790	33	5	25,162
Other consumers	41	722	13	29,759	11	212	1,947	250	32,956

Total Energy Balance Sheet by Country for 2014
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,904	40,591	1,772	805,342	32	10,443	60,799	4,890	925,773
Imports	4,144	3,356	43	361,816	667	1,144	22,579	4,818	398,567
Exports	-	-83	-440	-60,713	-	-	-978	-	-62,214
Marine/aviation Bunkers	-63	-523	-3	-6,891	-323	-142	-1,095	-798	-9,838
Stock Change	-	-358	-	-4,917	-	-1	-136	-551	-5,964
Total Primary Energy Supply	5,985	42,984	1,372	1,094,637	376	11,444	81,169	8,358	1,246,324
Energy Converted	-1,788	-11,270	-48	-386,257	-73	-474	-17,261	-1,588	-418,759
Briquetting Plants	-	-	-	1,212	-	-	-	-	1,212
Coke Ovens and Coke Plants	-54	-	-	-46,676	-	-	-119	-	-46,849
Gasworks	-	-	-	21	-	-	-	-	21
Blast Furnaces	-	-	-	-7,166	-	-	-40	-	-7,206
Petroleum Refineries	-	53	-	10,887	-	-	572	85	11,597
Electric Power Plants	-43	-9,696	-	-276,863	-66	-1	-10,355	-1,309	-298,332
Other conversion industries	-162	-338	-36	-7,550	-1	-408	-372	-	-8,867
Consumption by Energy Sector	-23	-335	-10	-10,185	-2	-1	-503	-34	-11,094
Losses in Transportation and Distribution	-42	-927	-2	-20,435	-1	-63	-2,991	-273	-24,735
Consumption by NON-Energy users	-1,464	-26	-1	-29,502	-3	-	-3,453	-57	-34,506
Statistical differences	-953	1,485	-107	13,583	-73	-1,002	6,553	-5,324	14,161
Final Energy Consumption	3,619	28,940	1,419	634,675	371	11,907	50,522	11,731	743,184
Consumption by industry and construction	1,170	6,788	178	324,198	8	1,110	18,538	1,942	353,931
Iron and Steel Industry	-	-	-	76,483	-	-	232	7	76,722
Chemical Industry	-	-	-	16,333	-	-	-	-	16,333
Other Industry and Construction	1,170	6,788	178	231,382	8	1,110	18,306	1,935	260,876
Consumption by Transport	1,937	2,479	123	88,423	171	649	8,223	6,616	108,621
Road	1,617	2,475	21	81,959	119	648	7,867	6,559	101,265
Rail	268	-	-	4,059	-	1	242	26	4,596
Air	52	-	-	1,726	36	-	114	3	1,931
Inland and Coastal Waterways	-	-	-	642	16	-	-	27	685
By Other Modes of Transportation	-	4	102	37	-	-	-	1	144
Cons. By households and other consumers	512	19,674	1,118	222,054	192	10,148	23,761	3,172	280,632
Households	448	18,006	1,105	160,124	180	9,853	20,414	2,897	213,027
Agriculture	9	1,137	-	23,968	-	135	785	5	26,039
Other consumers	55	531	13	37,962	12	160	2,563	270	41,566

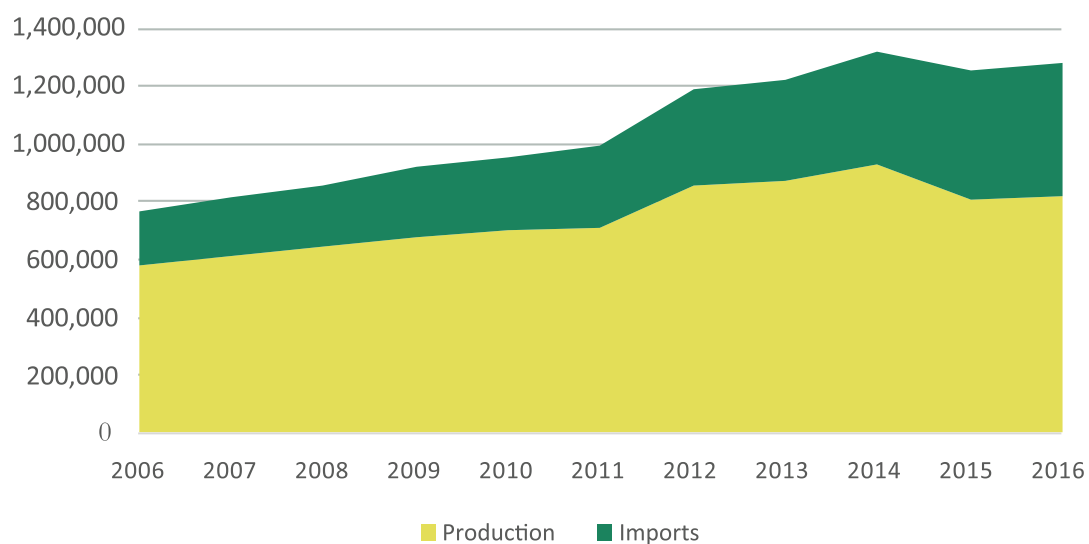
Total Energy Balance Sheet by Country for 2015
(Thousand Tonnes of Oil Equivalent)

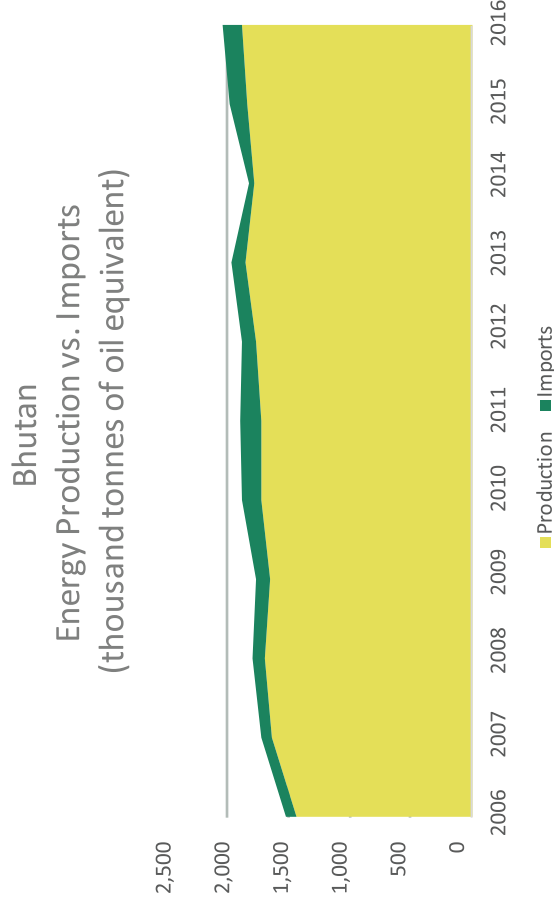
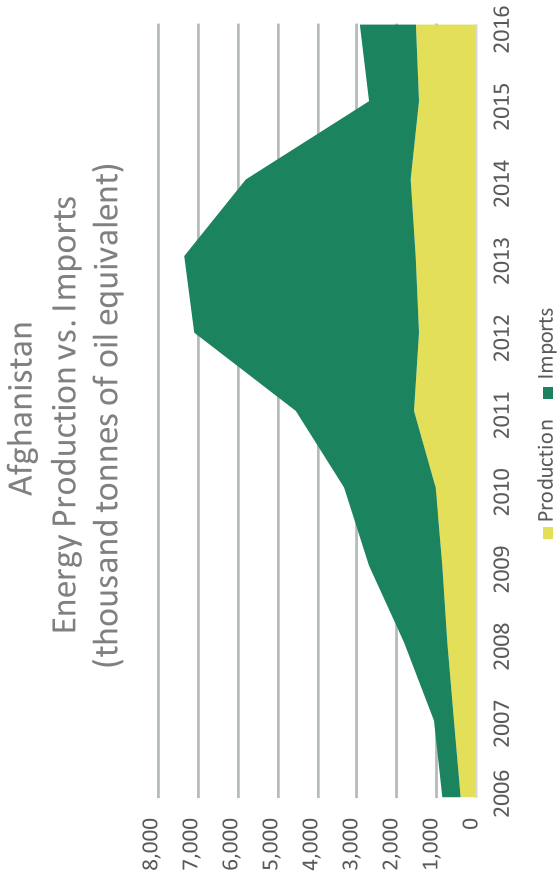
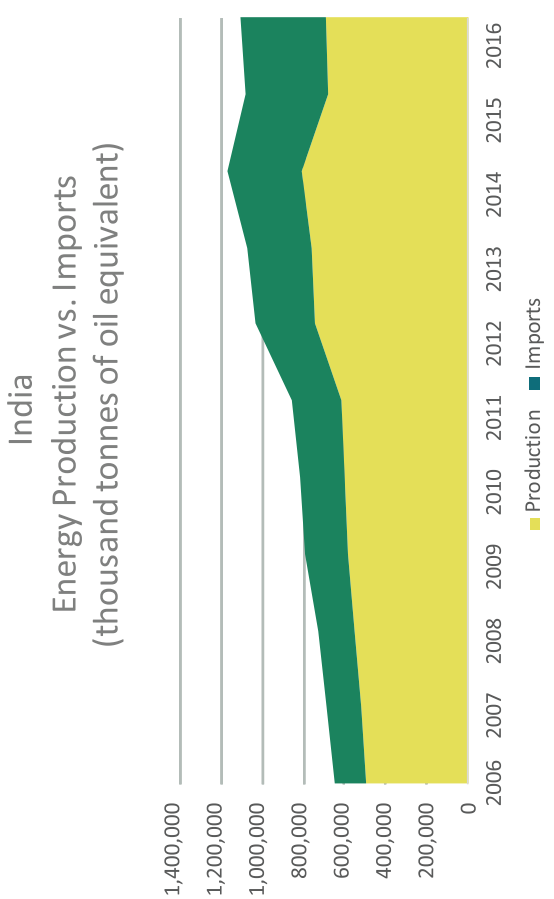
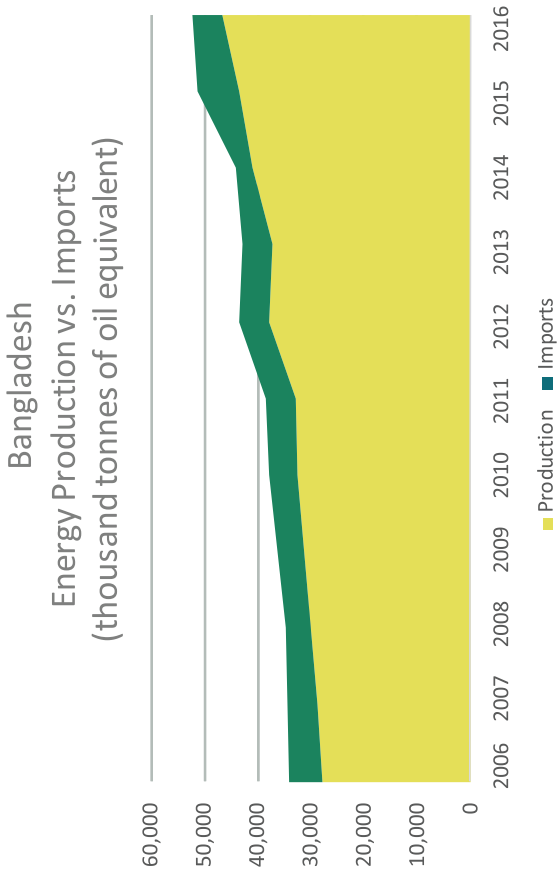
	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,457	43,410	1,835	680,538	37	10,268	66,996	4,908	809,450
Imports	1,241	7,721	134	403,047	481	1,764	21,824	5,134	441,345
Exports	-34	-42	-4	-48,680	-	-	-1,506	-207	-50,472
Marine/aviation Bunkers	-10	-456	-3	-5,917	-81	-96	-778	-740	-8,081
Stock Change	-	-175	-	3,832	-	-	-30	-1,071	2,556
Total Primary Energy Supply	2,654	50,459	1,962	1,032,820	437	11,936	86,507	8,024	1,194,798
Energy Converted	-165	-14,175	-12	-624,179	-71	-126	-25,121	-3,006	-666,855
Briquetting Plants	-	-	-	834	-	-	-	-	834
Coke Ovens and Coke Plants	-44	-	-	-26,467	-	-	-248	-	-26,759
Gasworks	-	-	-	23	-	-	-	-	23
Blast Furnaces	-	-	-	-18,312	-	-	-152	-	-18,464
Petroleum Refineries	-	-1,132	-	-235,223	-	-	-13,131	-1,709	-251,194
Electric Power Plants	-34	-9,913	-	-259,106	-64	-	-10,036	-1,137	-280,290
Other conversion industries	-	-195	-	-15,212	-	-	-330	-	-15,738
Consumption by Energy Sector	-26	-324	-10	-8,958	-2	-3	-483	-48	-9,855
Losses in Transportation and Distribution	-52	-1,088	-2	-20,707	-2	-113	-3,600	-80	-25,641
Consumption by NON-Energy users	-10	-1,523	-1	-41,052	-3	-10	-3,694	-32	-46,325
Statistical differences	-644	1,200	458	-299,542	-19	-241	6,553	-3,941	-296,176
Final Energy Consumption	3,046	32,148	1,480	637,466	378	11,925	57,017	8,799	752,259
Consumption by industry and construction	981	6,900	190	307,475	9	1,166	18,327	2,569	337,617
Iron and Steel Industry	-	-	-	59,314	-	-	227	-	59,541
Chemical Industry	-	-	-	17,357	-	-	-	-	17,357
Other Industry and Construction	981	6,900	190	230,805	9	1,166	18,100	2,569	260,719
Consumption by Transport	1,581	3,348	139	35,174	321	699	13,702	2,792	57,756
Road	1,532	2,660	26	28,222	140	698	13,318	2,748	49,344
Rail	-	289	-	4,229	-	1	260	39	4,817
Air	49	-	-	1,989	39	-	125	3	2,205
Inland and Coastal Waterways	-	399	-	697	142	-	-	-	1,239
By Other Modes of Transportation	-	-	113	38	-	-	-	1	152
Cons. By households and other consumers	484	21,900	1,151	294,816	48	10,060	24,988	3,438	356,886
Households	418	18,483	1,132	181,566	33	9,715	21,509	3,144	236,000
Agriculture	10	1,058	-	15,898	-	126	841	-	17,932
Other consumers	56	2,359	19	97,353	15	220	2,639	294	102,955

Total Energy Balance Sheet by Country for 2016
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,691	46,177	1,881	689,733	59	10,087	67,649	4,879	822,155
Imports	1,243	6,303	146	435,516	510	2,575	24,909	6,036	477,237
Exports	-42	-105	-496	-53,257	-	-	-1,090	-90	-55,080
Marine/aviation Bunkers	-10	-472	-3	-6,544	-70	-132	-286	-1,129	-8,646
Stock Change	-	-550	-	-9,259	-	-	29	-795	-10,575
Total Primary Energy Supply	2,882	51,352	1,529	1,056,189	499	12,530	91,210	8,901	1,225,091
Energy Converted	-245	-13,542	-38	-637,355	-133	-137	-32,299	-3,326	-687,075
Briquetting Plants	-	-	-	836	-	-	-	-	836
Coke Ovens and Coke Plants	-54	-	-	-11,727	-	-	-181	-	-11,963
Gasworks	-	-	-	23	-	-	-	-	23
Blast Furnaces	-	-	-	-11,286	-	-	-	-	-11,286
Petroleum Refineries	-	-1,291	-	-247,846	-	-	-12,623	-1,764	-263,524
Electric Power Plants	-39	-9,107	-	-279,838	-123	-	-10,647	-1,330	-301,084
Other conversion industries	-	-189	-	-28,062	-	-	-528	-	-28,779
Consumption by Energy Sector	-6	-352	-	-6,525	-3	-4	-540	-54	-7,484
Losses in Transportation and Distribution	-52	-1,117	-23	-21,392	-2	-123	-3,999	-86	-26,793
Consumption by NON-Energy users	-94	-1,486	-15	-31,537	-6	-10	-3,781	-92	-37,021
Statistical differences	22	2,065	-1,363	-235,790	-56,216	391	6,553	-9,972	-294,311
Final Energy Consumption	2,462	32,790	2,817	648,800	359	11,864	59,115	15,315	773,524
Consumption by industry and construction	1,223	8,886	206	333,101	120	997	22,257	2,569	369,359
Iron and Steel Industry	-	-	-	62,241	-	-	18	-	62,260
Chemical Industry	-	-	-	16,262	-	-	-	-	16,262
Other Industry and Construction	1,223	8,886	206	254,598	120	997	22,238	2,569	290,837
Consumption by Transport	708	2,729	1,445	89,623	173	422	10,434	8,950	114,482
Road	650	2,004	1,325	78,958	27	421	9,477	8,906	101,768
Rail	-	306	-	4,202	-	1	297	32	4,837
Air	58	-	-	5,307	16	-	660	3	6,045
Inland and Coastal Waterways	-	419	-	711	130	-	-	7	1,267
By Other Modes of Transportation	-	-	120	445	-	-	-	1	566
Cons. By households and other consumers	532	21,176	1,167	226,075	66	10,445	26,425	3,797	289,682
Households	468	19,198	1,146	161,218	34	9,929	22,490	3,154	217,637
Agriculture	9	1,128	-	17,629	-	214	806	1	19,787
Other consumers	54	850	21	47,229	32	302	3,129	642	52,258

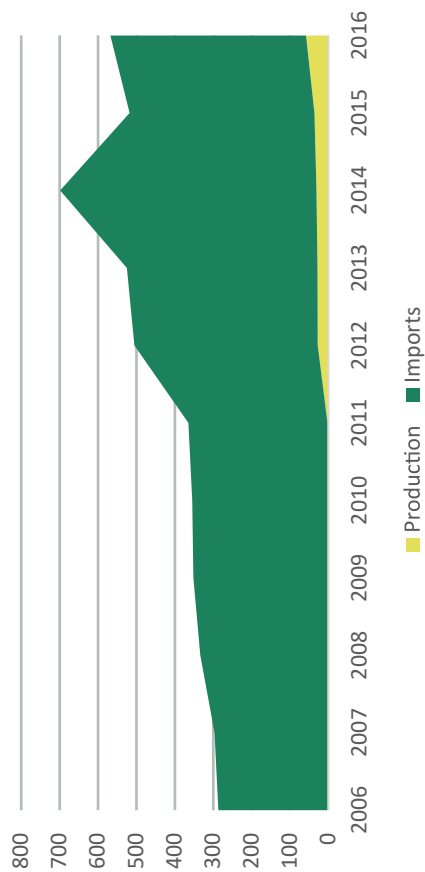
SAARC Region
Energy Production vs Imports
(thousand tonnes of oil equivalent)





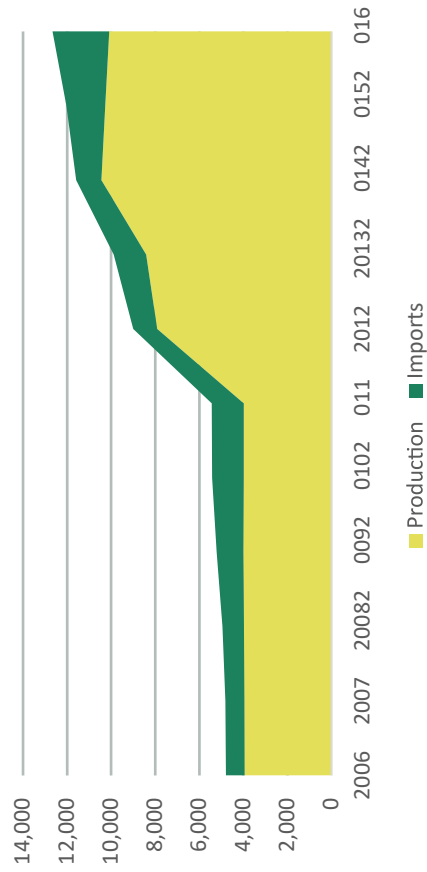
Maldives

Energy Production vs. Imports
(thousand tonnes of oil equivalent)



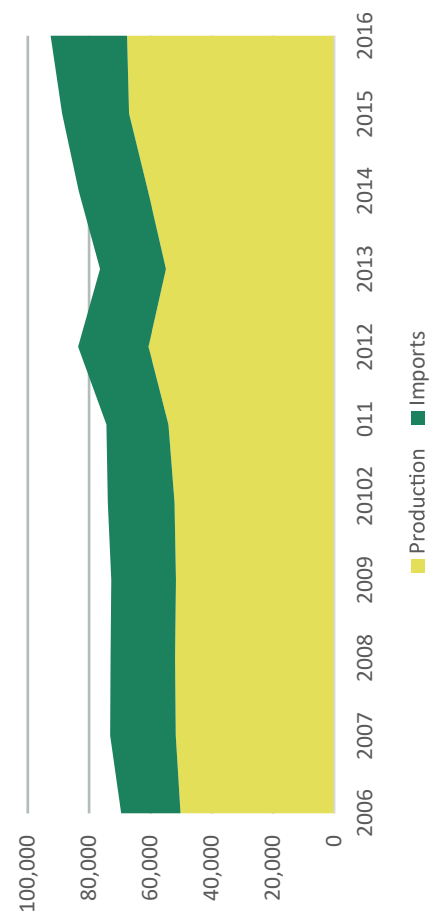
Nepal

Energy Production vs. Imports
(thousand tonnes of oil equivalent)



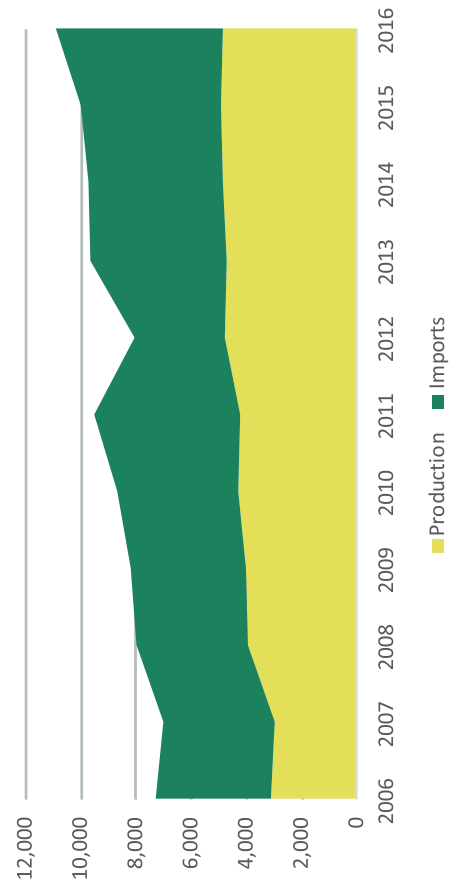
Pakistan

Energy Production vs. Imports
(thousand tonnes of oil equivalent)



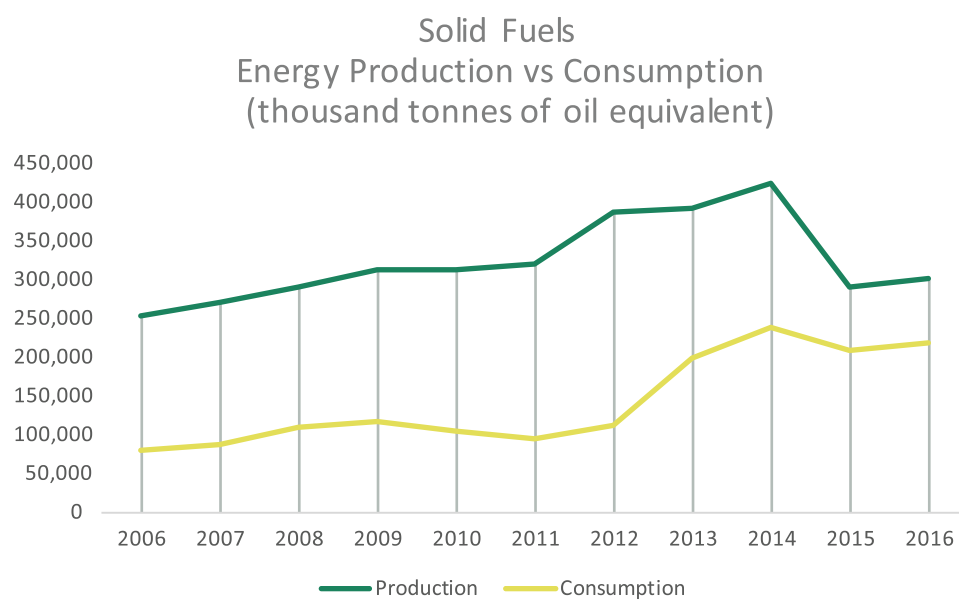
Sri Lanka

Energy Production vs. Imports
(thousand tonnes of oil equivalent)



Solid Fuels Balance Sheet of SAARC Region
(Thousand Tonnes of Coal Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production of Primary Energy	370,130	393,364	422,594	455,644	457,375	465,866	562,277	569,725	618,048	368,418	423,052
Imports	44,454	51,426	56,300	68,690	64,299	93,534	154,574	178,691	221,206	126,700	235,957
Exports	-1,422	-1,511	-2,741	-2,200	-4,460	-2,398	-3,928	-2,379	-1,405	-1,396	-1,912
Stock Change	-8,455	-1,792	-244	-13,683	-6,099	-422	-11,613	-7,264	-4,037	5,143	-13,180
Total Primary Energy Supply	404,708	441,488	475,910	508,451	511,115	556,580	701,310	738,645	833,812	498,865	643,918
Energy Converted	-286,951	-312,989	-313,677	-338,151	-303,284	-354,653	-460,506	-512,541	-575,126	-540,019	-523,840
Briquetting Plants	310	310	336	361	406	526	912	1,894	1,760	1,192	1,194
Coke Ovens and Coke Plants	-4,275	-5,143	-1,134	-6,514	-2,367	-3,780	-16,194	-37,466	-67,981	-38,234	-17,082
Blast Furnaces	-157	-235	-647	-233	-231	-148	-133	-25,424	-10,455	-26,382	-16,117
Electric Power Plants	-282,829	-307,948	-312,240	-331,766	-301,091	-351,251	-445,091	-449,651	-497,849	-476,283	-491,560
Consumption by Energy Sector	-	-	-14	-14	-14	-494	489	-392	-601	-311	-274
Statistical differences	100	699	1,802	46	52,454	62,104	-	-50,703	-85,223	-381,696	-182,503
Final Energy Consumption	117,656	127,799	160,417	170,239	155,363	139,329	-	276,416	343,308	340,232	302,306
Consumption by industry and construction	116,507	126,694	159,367	169,247	153,158	138,800	148,455	260,020	314,487	339,391	300,906
Iron and Steel Industry	58,893	64,741	45,289	47,668	50,536	46,464	36,866	60,268	93,515	69,485	65,587
Chemical Industry	696	690	2,787	2,215	458	2,337	2,500	2,815	2,913	2,626	1,591
Other Industry and Construction	56,918	61,263	111,292	119,364	102,164	89,999	109,089	196,937	218,059	268,205	234,735
Consumption by Transport	-	-	4	-	-	-	-	-	-	-	-
Rail	-	-	4	-	-	-	-	-	-	-	-
Cons. By households and other consumers	1,149	1,105	1,045	992	2,205	528	452	16,396	28,821	841	1,401
Households	527	684	657	902	1,211	528	452	6,718	6,820	4	510
Other consumers	622	421	388	89	994	-	3	9,678	22,001	3,076	891



Solid Fuels Balance Sheet by Country for 2006
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	35	216	98	367,299	-	20	2,461	-	370,130
Imports	-	-	-	39,913	-	239	4,206	96	44,454
Exports	-	-	-66	-1,356	-	-	-	-	-1,422
Stock Change	-	-	-	-8,455	-	-	-	-	-8,455
Total Primary Energy Supply	35	216	32	397,401	-	259	6,668	96	404,708
Energy Converted	-70	-	-	-286,545	-	-	-336	-	-286,951
Briquetting Plants	-	-	-	310	-	-	-	-	310
Coke Ovens and Coke Plants	-	-	-	-4,225	-	-	-50	-	-4,275
Blast Furnaces	-	-	-	-	-	-	-157	-	-157
Electric Power Plants	-70	-	-	-282,630	-	-	-130	-	-282,829
Statistical differences	-35	-283	-	-17	-	14	421	-	100
Final Energy Consumption	-	500	32	110,873	-	245	5,910	96	117,656
Consumption by industry and construction	-	500	32	109,726	-	244	5,909	96	116,507
Iron and Steel Industry	-	-	-	58,853	-	-	40	-	58,893
Chemical Industry	-	-	-	696	-	-	-	-	696
Other Industry and Construction	-	500	32	50,177	-	244	5,870	96	56,918
Cons. By households and other consumers	-	-	-	1,147	-	-	-	-	1,149
Households	-	-	-	525	-	1	1	-	527
Other consumers	-	-	-	622	-	1	1	-	622

Solid Fuels Balance Sheet by Country for 2007
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	243	277	105	389,938	-	14	2,786	-	393,364
Imports	39	-	-	45,081	-	314	5,924	68	51,426
Exports	-	-	-75	-1,435	-	-	-	-	-1,511
Stock Change	-	-	-	-1,792	-	-	-	-	-1,792
Total Primary Energy Supply	282	277	30	431,792	-	328	8,710	68	441,488
Energy Converted	-70	-	-	-312,481	-	-	-438	-	-312,989
Briquetting Plants	-	-	-	336	-	-	-	-	336
Coke Ovens and Coke Plants	-	-	-	-5,067	-	-	-75	-	-5,143
Blast Furnaces	-	-	-	-	-	-	-235	-	-235
Electric Power Plants	-70	-	-	-307,750	-	-	-128	-	-307,948
Statistical differences	212	-2,222	-	-	-	-	710	-	699
Final Energy Consumption	-	500	30	119,311	-	328	7,562	68	127,799
Consumption by industry and construction	-	500	30	118,208	-	327	7,561	68	126,694
Iron and Steel Industry	-	-	-	64,682	-	-	58	-	64,741
Chemical Industry	-	-	-	690	-	-	-	-	690
Other Industry and Construction	-	500	30	52,835	-	327	7,503	68	61,263
Cons. By households and other consumers	-	-	-	1,104	-	1	1	-	1,105
Households	-	-	-	683	-	1	1	-	684
Other consumers	-	-	-	421	-	-	-	-	421

Solid Fuels Balance Sheet by Country for 2008
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	347	600	124	418,983	-	15	2,525	-	422,594
Imports	64	571	-	50,698	-	294	4,602	70	56,300
Exports	-1	-	-81	-2,659	-	-	-	-	-2,741
Stock Change	-	-	-	-256	-	-	-	12	-244
Total Primary Energy Supply	411	1,171	43	466,767	-	309	7,128	82	475,910
Energy Converted	-60	-324	-	-312,339	-	-	-954	-	-313,677
Briquetting Plants	-	-	-	343	-	-	-	-	343
Coke Ovens and Coke Plants	-	-	-	-922	-	-	-211	-	-1,134
Blast Furnaces	-	-	-	-	-	-	-647	-	-647
Electric Power Plants	-60	-324	-	-311,760	-	-	-96	-	-312,240
Consumption by Energy Sector	-	-14	-	-	-	-	-	-	-14
Statistical differences	64	-	-	1,738	-	1	-1	-	1,802
Final Energy Consumption	286	833	43	152,690	-	308	6,175	82	160,417
Consumption by industry and construction	286	833	43	151,646	-	307	6,174	78	159,367
Iron and Steel Industry	-	-	-	45,127	-	-	162	-	45,289
Chemical Industry	-	-	-	2,787	-	-	-	-	2,787
Other Industry and Construction	286	833	43	103,732	-	-	6,012	78	111,292
Consumption by Transport	-	-	-	5	-	-	-	4	4
Rail	-	-	-	5	-	-	-	4	4
Cons. By households and other consumers	-	-	-	1,043	-	1	1	-	1,045
Households	-	-	-	656	-	1	1	-	657
Other consumers	-	-	-	388	-	-	-	-	388

Solid Fuels Balance Sheet by Country for 2009
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	500	634	49	452,095	-	15	2,352	-	455,645
Imports	103	598	-	62,967	-	307	4,625	90	68,690
Exports	-19	-	-27	-2,154	-	-	-	-	-2,200
Stock Change	-	-	-	-13,676	-	-	-	-7	-13,683
Total Primary Energy Supply	584	1,232	21	499,231	-	322	6,977	84	508,451
Energy Converted	-37	-336	-	-337,359	-	-	-419	-	-338,151
Briquetting Plants	-	-	-	361	-	-	-	-	361
Coke Ovens and Coke Plants	-7	-	-	-6,427	-	-	-79	-	-6,513
Blast Furnaces	-	-	-	-	-	-	-233	-	-233
Electric Power Plants	-30	-336	-	-331,293	-	-	-107	-	-331,766
Consumption by Energy Sector	-	-14	-	-	-	-	-	-	-14
Statistical differences	103	-	-	-58	-	-	1	-	46
Final Energy Consumption	443	881	21	161,930	-	322	6,557	84	170,238
Consumption by industry and construction	443	881	21	160,940	-	321	6,557	84	169,247
Iron and Steel Industry	-	-	-	47,610	-	-	58	-	47,668
Chemical Industry	-	-	-	2,125	-	-	-	-	2,125
Other Industry and Construction	443	881	21	111,114	-	321	6,499	-	119,279
Cons. By households and other consumers	-	-	-	991	-	1	-	-	992
Households	-	-	-	901	-	1	-	-	902
Other consumers	-	-	-	89	-	-	-	-	89

Solid Fuels Balance Sheet by Country for 2010
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	725	550	88	453,665	-	16	2,331	-	457,375
Imports	197	741	-	58,537	-	489	4,237	97	64,299
Exports	-46	-	-59	-4,355	-	-	-	-	-4,460
Stock Change	-	-	-	-6,087	-	-	-	-12	-6,099
Total Primary Energy Supply	876	1,291	29	501,761	-	505	6,568	86	511,115
Energy Converted	-48	-342	-	-302,505	-	-	-389	-	-303,284
Briquetting Plants	-	-	-	406	-	-10,462	-	-	406
Coke Ovens and Coke Plants	-18	-	-	-2,273	-	-	-76	-	-2,367
Blast Furnaces	-	-	-	-	-	-34	-231	-	-231
Electric Power Plants	-30	-342	-	-300,638	-	-	-82	-	-301,091
Consumption by Energy Sector	-	-14	-	-	-	-	-	-	-14
Statistical differences	197	-	-	52,256	-	-	-	-	52,454
Final Energy Consumption	631	935	29	146,999	-	505	6,178	86	155,363
Consumption by industry and construction	631	935	29	144,796	-	503	6,178	86	153,158
Iron and Steel Industry	-	-	-	50,478	-	-	58	-	50,536
Chemical Industry	-	-	-	458	-	-	-	-	458
Other Industry and Construction	631	935	29	93,860	-	503	6,121	86	102,164
Cons. By households and other consumers	-	-	-	2,203	-	2	-	-	2,205
Households	-	-	-	1,209	-	2	-	-	1,211
Other consumers	-	-	-	994	-	-	-	-	994

Solid Fuels Balance Sheet by Country for 2011
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,480	644	109	461,175	-	17	2,441	-	465,866
Imports	197	661	-	87,497	-	467	4,028	684	93,534
Exports	-46	-	-73	-2,278	-	-	-	-	-2,398
Stock Change	-	-	-	-165	-	-	-	-257	-422
Total Primary Energy Supply	1,631	1,305	36	546,229	-	484	6,469	427	556,580
Energy Converted	-68	-293	-	-353,650	-	-	-287	-356	-354,653
Briquetting Plants	-	-	-	526	-	-	-	-	526
Coke Ovens and Coke Plants	-18	-	-	-3,713	-	-	-49	-	-3,780
Blast Furnaces	-	-	-	-	-	-	-148	-	-148
Electric Power Plants	-50	-293	-	-350,463	-	-	-90	-356	-351,251
Consumption by Energy Sector	-	-12	-	-482	-	-	-	-	-494
Statistical differences	197	-	-	61,980	-	-	-73	-	62,104
FINAL ENERGY CONSUMPTION	1,366	999	36	130,116	-	484	6,256	72	139,329
Consumption by industry and construction	1,366	999	36	129,590	-	482	6,256	72	138,800
Iron and Steel Industry	-	-	-	46,426	-	-	38	-	46,464
Chemical Industry	-	-	-	2,337	-	-	-	-	2,337
Other Industry and Construction	1,366	999	36	80,826	-	482	6,219	72	90,000
Cons. By households and other consumers	-	-	-	526	-	2	-	-	528
Households	-	-	-	526	-	2	-	-	528

Solid Fuels Balance Sheet by Country for 2012
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,239	834	122	557,366	-	9	2,827	-	562,399
Imports	184	999	-	148,367	-	355	3,707	962	154,574
Exports	-43	-	-47	-3,838	-	-	-	-	-3,928
Stock Change	-	28	-	-11,880	-	-	-	238	-11,613
Total Primary Energy Supply	1,380	1,862	-47	690,015	-	365	6,534	1,200	701,310
Energy Converted	-114	-449	-	-458,860	-	-	-460	-624	-460,506
Briquetting Plants	-	-	-	912	-	-	-	-	912
Coke Ovens and Coke Plants	-64	-	-	-15,866	-	-	-264	-	-16,194
Blast Furnaces	-	-	-	-	-	-	-133	-	-133
Electric Power Plants	-50	-449	-	-443,905	-	-	-63	-624	-445,091
Consumption by Energy Sector	-	-23	-	-466	-	-	-	-	-489
Statistical differences	-43	58	-99	91,146	-	-	-132	477	91,408
Final Energy Consumption	1,309	1,332	52	139,544	-	365	6,207	99	148,907
Consumption by industry and construction	1,309	1,332	52	139,096	-	361	6,207	99	148,455
Iron and Steel Industry	-	-	-	36,866	-	-	-	-	36,866
Chemical Industry	-	-	-	2,500	-	-	-	-	2,500
Other Industry and Construction	1,309	1,332	52	99,729	-	361	6,207	99	109,089
Cons. By households and other consumers	-	-	-	448	-	4	-	-	452
Households	-	-	-	448	-	4	-	-	452
Other consumers	-	-	-	-	-	3	-	-	3

Solid Fuels Balance Sheet by Country for 2013
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,346	854	129	565,274	-	14	2,108	-	569,725
Imports	184	1,019	-	172,044	-	443	3,871	1,130	178,691
Exports	-47	-	-5	-2,326	-	-	-	-	-2,379
Stock Change	-	-105	-	-7,528	-	-	-	369	-7,264
Total Primary Energy Supply	1,483	1,769	-5	727,463	-	457	5,979	1,500	738,645
Energy Converted	-119	-591	-	-510,673	-	-	-480	-677	-512,541
Briquetting Plants	-	-	-	1,894	-	-	-	-	1,894
Coke Ovens and Coke Plants	-69	-	-	-37,121	-	-	-276	-	-37,466
Blast Furnaces	-	-	-	-25,285	-	-	-138	-	-25,424
Electric Power Plants	-50	-591	-	-448,267	-	-	-66	-677	-449,651
Consumption by Energy Sector	-	-32	-	-360	-	-	-	-	-392
Statistical differences	-47	-153	-9,755	-41,348	-	-	-138	739	-50,703
Final Energy Consumption	1,411	1,298	9,750	257,779	-	457	5,637	84	276,416
Consumption by industry and construction	1,411	1,298	72	251,064	-	453	5,637	84	260,020
Iron and Steel Industry	-	-	-	60,268	-	-	-	-	60,268
Chemical Industry	-	-	-	2,815	-	-	-	-	2,815
Other Industry and Construction	1,411	1,298	72	187,981	-	453	5,637	84	196,937
Cons. By households and other consumers	-	-	9,678	6,714	-	4	-	-	16,396
Households	-	-	-	6,714	-	4	-	-	6,718

Solid Fuels Balance Sheet by Country for 2014
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,516	946	122	611,902	-	14	3,548	-	618,048
Imports	186	987	-	214,879	-	792	2,757	1,605	221,206
Exports	-52	-	-26	-1,327	-	-	-	-	-1,405
Stock Change	-	83	-	-4,265	-	-	-	145	-4,037
Total Primary Energy Supply	1,650	2,016	96	821,189	-	806	6,305	1,750	833,812
Energy Converted	-128	-565	-	-572,671	-	-	-400	-1,362	-575,126
Briquetting Plants	-	-	-	1,760	-	-	-	-	1,760
Coke Ovens and Coke Plants	-78	-	-	-67,730	-	-	-173	-	-67,981
Blast Furnaces	-	-	-	-10,397	-	-	-58	-	-10,455
Electric Power Plants	-50	-539	-	-495,729	-	-	-169	-1,362	-497,849
Consumption by Energy Sector	-	-26	-	-575	-	-	-	-	-601
Statistical differences	135	437	1	-86,758	-	801	-130	291	-85,223
Final Energy Consumption	1,387	988	95	334,701	-	5	6,035	97	343,308
Consumption by industry and construction	1,387	988	95	305,885	-	-	6,035	97	314,487
Iron and Steel Industry	-	-	-	93,501	-	-	14	-	93,515
Chemical Industry	-	-	-	2,913	-	-	-	-	2,913
Other Industry and Construction	1,387	988	95	209,471	-	-	6,021	97	218,059
Cons. By households and other consumers	-	-	-	28,816	-	5	-	-	28,821
Households	-	-	-	6,815	-	5	-	-	6,820
Other consumers	-	-	-	22,001	-	-	-	-	22,001

Solid Fuels Balance Sheet by Country for 2015
(Thousand Tonnes of Coal Equivalent)

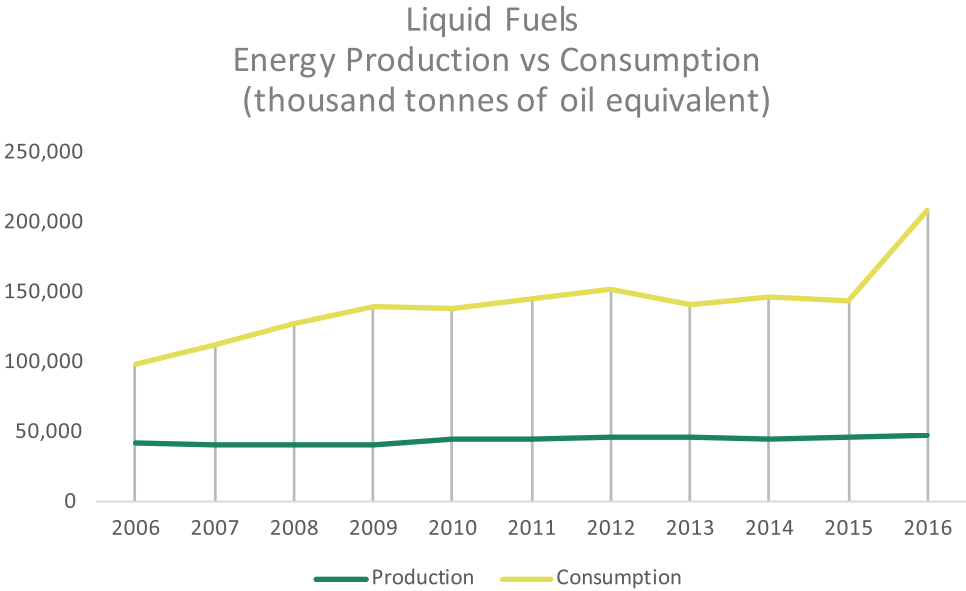
	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,201	482	75	364,238	-	17	2,405	-	368,418
Imports	180	2,616	-	116,847	-	801	4,600	1,656	126,700
Exports	-48	-	-5	-1,343	-	-	-	-	-1,396
Stock Change	-	-176	-	5,404	-	-	-	-85	5,143
Total Primary Energy Supply	1,334	2,922	70	485,146	-	818	7,005	1,571	498,865
Energy Converted	-105	-389	-	-537,195	-	-	-674	-1,655	-540,019
Briquetting Plants	-	-	-	1,192	-	-	-	-	1,192
Coke Ovens and Coke Plants	-62	-	-	-37,817	-	-	-355	-	-38,234
Blast Furnaces	-	-	-	-26,165	-	-	-217	-	-26,382
Electric Power Plants	-43	-373	-	-474,111	-	-	-101	-1,655	-476,283
Consumption by Energy Sector	-	-16	-	-295	-	-	-	-	-311
Statistical differences	-17	1,680	-10	-382,201	-	814	-1,792	-170	-381,696
Final Energy Consumption	1,245	836	80	329,857	-	4	8,123	87	340,232
Consumption by industry and construction	1,245	836	80	329,020	-	-	8,123	87	339,391
Iron and Steel Industry	-	-	-	69,434	-	-	50	-	69,485
Chemical Industry	-	-	-	2,626	-	-	-	-	2,626
Other Industry and Construction	1,245	836	80	256,960	-	925	8,073	87	268,205
Cons. By households and other consumers	-	-	-	837	-	4	-	-	841
Households	-	-	-	-	-	4	-	-	4
Other consumers	-	2,239	-	837	-	-	-	-	3,076

Solid Fuels Balance Sheet by Country for 2016
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	1,494	643	104	418,122	-	18	2,670	-	423,052
Imports	180	1,557	-	224,505	-	992	6,608	2,116	235,957
Exports	-60	-	-	-1,852	-	-	-	-	-1,912
Stock Change	-	-197	-	-13,305	-	-	-	323	-13,180
Total Primary Energy Supply	1,614	2,003	104	627,470	-	1,011	9,278	2,438	643,918
Energy Converted	-121	-496	-	-520,444	-	-	-1,015	-1,763	-523,840
Briquetting Plants	-	-	-	1,194	-	-	-	-	1,194
Coke Ovens and Coke Plants	-78	-	-	-16,746	-	-	-258	-	-17,082
Blast Furnaces	-	-	-	-16,117	-	-	-	-	-16,117
Electric Power Plants	-44	-476	-	-488,520	-	-	-757	-1,763	-491,560
Consumption by Energy Sector	-	-20	-	-254	-	-	-	-	-274
Statistical differences	120	-906	-	-182,507	-	1,005	-822	606	-182,503
Final Energy Consumption	1,373	2,393	104	289,278	-	6	9,085	69	302,306
Consumption by industry and construction	1,373	2,393	104	287,884	-	-	9,085	69	300,906
Iron and Steel Industry	-	-	-	65,587	-	-	-	-	65,587
Chemical Industry	-	-	-	1,591	-	-	-	-	1,591
Other Industry and Construction	1,373	2,393	104	220,706	-	1,007	9,085	69	234,735
Cons. By households and other consumers	-	-	-	1,394	-	6	-	-	1,401
Households	-	-	-	506	-	4	-	-	510
Other consumers	-	-	-	888	-	3	-	-	891

Liquid Fuels Balance Sheet of SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production of Primary Energy	41,901	41,779	41,016	41,109	45,305	45,702	46,623	46,156	45,228	46,496	46,890
Imports	154,894	168,238	173,053	193,600	207,906	214,493	222,971	230,627	228,375	271,057	293,763
Exports	-35,017	-41,255	-41,061	-51,909	-61,516	-62,764	-62,063	-61,257	-60,869	-49,670	-51,644
Marine/aviation Bunkers	-4,933	-5,442	-5,331	-5,906	-6,024	-6,232	6,381	-9,800	-9,838	-8,187	-8,646
Stock Change	-479	-199	10,696	18,152	-2,516	-4,285	4,343	77	-2,511	-769	-1,000
Total Primary Energy Supply	156,366	163,121	178,373	195,047	183,155	186,914	218,254	205,803	200,385	258,927	279,363
Energy Converted	-15,913	-17,332	-23,905	-15,794	-15,412	-3,431	-	-2,129	-23,254	-288,085	-290,125
Petroleum Refineries	-6,596	-7,180	-9,160	-353	-4,750	6,489	10,200	10,320	-	-	-263,524
NGL Processing Plants	20	20	180	190	175	178	-	-	-20,666	-11,899	-
Electric Power Plants	-9,338	-10,172	-14,925	-15,632	-10,836	-10,097	-1,553	-7,681	-3,894	-4,765	-11,597
Other conversion industries	-	-	-	-	-1	-	14,670	-4,966	-1,017	-1,244	-5,352
Consumption by Energy Sector	-6,245	-6,004	-15,005	-17,714	-18,952	-18,301	3,109	-	-152	-	-27
Losses in Transportation and Distribution	-	-10	-1	-3	-4	-	-	-186	-9,082	-18,984	-
Consumption by NON-Energy users	-26,202	-29,782	-20,853	-21,105	-19,054	-20,569	17,769	-13,682	-40,246	217,886	-9,626
Statistical differences	9,302	-2,955	-9,532	94	-1	-317	-	63,963	126,635	168,500	200,935
Final Energy Consumption	98,703	112,948	128,141	140,336	138,345	144,931	108,690	125,645	20,200	35,963	180,521
Consumption by Industry and construction	10,865	13,554	16,139	15,813	10,593	18,186	17,244	19,633	460	492	43,500
Iron and Steel Industry	1,099	1,114	2,492	2,473	267	319	289	502	10,791	12,204	170
Chemical Industry	1,683	8,281	4,521	3,909	1,726	9,394	10,506	1,301	8,949	23,267	11,457
Other Industry and Construction	8,083	4,160	9,127	9,430	8,601	8,473	6,449	17,830	86,757	51,157	32,389
Consumption by Transport	42,891	48,744	33,736	36,019	38,010	39,651	41,821	87,375	83,387	44,185	109,497
Road	41,631	46,060	26,821	29,802	31,928	34,087	37,944	82,594	3,227	3,390	98,675
Rail	2,203	718	2,438	2,688	2,742	2,783	3,061	3,119	-	2,205	3,350
Air	987	1,020	755	765	766	582	-	-	-	1,228	6,045
Inland and Coastal Waterways	1,099	898	2,038	1,792	1,112	1,116	-	-	143	150	1,267
By Other Modes of Transportation	272	48	1,684	973	1,463	1,082	816	1,662	19,679	81,380	160
Cons. By households and other consumers	41,645	50,650	78,266	88,504	89,742	87,094	91,027	18,637	7,576	7,466	27,523
Households	22,110	22,688	22,609	23,458	24,124	24,465	22,994	8,043	10,677	1,885	5,951
Agriculture	8,601	9,821	1,784	2,006	1,348	1,365	1,832	10,594	1,426	72,029	2,012
Other consumers	10,935	18,140	53,873	63,041	64,270	61,265	66,202	2,246	2,246	2,246	19,567



Liquid Fuels Balance Sheet by Country for 2006

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	99	-	38,132	-	-	3,670	-	41,901
Imports	393	6,240	73	126,704	283	655	16,439	4,105	154,894
Exports	-	-190	-	-33,395	-	-	-1,388	-45	-35,017
Marine/aviation Bunkers	-10	-310	-1	-4,033	-	-51	-274	-255	-4,933
Stock Change	-	101	-	-	-	-	-468	-112	-479
Total Primary Energy Supply	383	5,940	72	127,408	283	605	17,981	3,694	156,366
Energy Converted	-20	-625	-	-7,775	-54	-4	-6,679	-756	-15,913
Petroleum Refineries	-	-61	-	-6,572	-	-	-119	156	-6,596
NGL Processing Plants	-	-	-	17	-	-	3	-	20
Electric Power Plants	-20	-564	-	-1,221	-54	-4	-6,563	-912	-9,338
Consumption by Energy Sector	-	-65	-	-5,817	-	-	-188	-175	-6,245
Consumption by NON-Energy users	-7	-505	-1	-24,883	-	-	-589	-218	-26,202
Statistical differences	-18	1,988	-	7,464	-	-9	-242	120	9,302
Final Energy Consumption	374	2,757	71	81,470	229	610	10,767	2,425	98,703
Consumption by industry and construction	3	236	-	8,743	-	36	1,565	283	10,865
Iron and Steel Industry	-	-	-	1,089	-	-	-	11	1,099
Chemical Industry	-	-	-	1,683	-	-	-	-	1,683
Other Industry and Construction	3	236	-	5,972	-	36	1,565	272	8,083
Consumption by Transport	342	1,465	54	33,927	225	265	8,198	1,715	46,192
Road	286	1,079	8	31,186	24	265	7,312	1,467	41,631
Rail	-	164	-	1,854	-	-	160	26	2,203
Air	56	-	-	-	17	-	725	189	987
Inland and Coastal Waterways	-	222	-	659	184	-	-	34	1,099
By Other Modes of Transportation	-	-	42	229	-	-	1	-	272
Cons. By households and other consumers	29	1,056	17	38,800	4	309	1,004	426	41,645
Households	29	525	17	20,470	4	192	541	332	22,110
Agriculture	-	530	-	7,904	-	62	97	8	8,601
Other consumers	-	-	-	10,426	-	56	366	87	10,935

Liquid Fuels Balance Sheet by Country for 2007
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	89	-	37,896	-	-	3,794	-	41,779
Imports	418	5,712	76	139,885	293	610	17,290	3,954	168,238
Exports	-	-267	-	-39,612	-	-	-1,376	-	-41,225
Marine/aviation Bunkers	-10	-275	-1	-4,702	-	-55	-296	-103	-5,442
Stock Change	-	107	-	-	-	-	-310	5	-199
Total Primary Energy Supply	408	5,367	75	133,467	293	556	19,101	3,855	163,121
Energy Converted	-30	-613	-1	-8,336	-63	-3	-7,196	-1,091	-17,332
Petroleum Refineries	-	-35	-	-6,595	-	-	-299	119	-7,180
NGL Processing Plants	-	-	-	17	-	-	-	-	20
Electric Power Plants	-30	-578	-1	-1,388	-63	-3	-6,900	-1,209	-10,172
Consumption by Energy Sector	-	-75	-	-5,767	-	-	-	-162	-6,004
Losses in Transportation and Distribution	-	-	-	-	-	-	-	-10	-10
Consumption by NON-Energy users	-7	-480	-1	-28,725	-	-	-441	-129	-29,782
Statistical differences	-26	1,229	-	-4,029	-	-1	-163	35	-2,955
Final Energy Consumption	397	2,969	74	94,668	231	554	11,527	2,429	112,948
Consumption by industry and construction	3	246	-	11,974	-	13	1,049	269	13,554
Iron and Steel Industry	-	-	-	1,110	-	-	-	4	1,114
Chemical Industry	-	-	-	8,280	-	-	-	1	8,281
Other Industry and Construction	3	246	-	2,584	-	13	1,049	264	4,160
Consumption by Transport	381	1,581	60	34,781	230	272	9,567	1,784	48,744
Road	323	1,151	13	34,090	29	272	8,826	1,356	46,060
Rail	-	182	-	352	-	-	157	26	718
Air	58	-	-	-	13	-	583	366	1,020
Inland and Coastal Waterways	-	247	-	428	188	-	-	36	898
By Other Modes of Transportation	-	-	46	1	-	-	-	-	48
Cons. By households and other consumers	13	1,142	14	47,824	1	269	1,010	376	50,650
Households	13	475	14	21,226	1	163	519	276	22,688
Agriculture	-	667	-	8,987	-	51	109	7	9,821
Other consumers	-	-	-	17,610	1,014	55	382	93	18,140

Liquid Fuels Balance Sheet by Country for 2008

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	103	-	37,391	-	-	3,522	-	41,016
Imports	963	4,596	74	144,495	330	744	17,833	4,018	173,053
Exports	-	-136	-	-39,666	-	-	-1,259	-	-41,061
Marine/aviation Bunkers	-10	-295	-1	-4,525	-	-56	-322	-123	-5,331
Stock Change	-	-	-	11,335	-	-	-449	-191	10,696
Total Primary Energy Supply	953	4,268	74	149,031	330	688	19,326	3,704	178,373
Energy Converted	-31	-660	-	-14,473	-72	3	-7,400	-1,267	-23,905
Petroleum Refineries	-	-51	-	-8,793	-	-	-237	-78	-9,160
NGL Processing Plants	-	-	-	157	-	-	23	-	180
Electric Power Plants	-31	-609	-	-5,835	-72	-3	-7,186	-1,188	-14,925
Consumption by Energy Sector	-	-75	-	-14,775	-	-	-104	-52	15,005
losses in Transportation and Distribution	-	-	-	-	-	-	-	-1	-1
Consumption by NON-Energy users	-7	-420	-1	-19,960	-	-	-387	-79	-20,853
Statistical differences	-27	3	-	-10,053	-	-1	561	-15	-9,532
Final Energy Consumption	942	3,110	73	109,878	258	686	10,874	2,322	128,141
Consumption by industry and construction	3	258	-	14,635	-	17	938	288	16,139
Iron and Steel Industry	-	-	-	2,488	-	-	-	4	2,492
Chemical Industry	-	-	-	4,521	-	-	-	-	4,521
Other Industry and Construction	3	258	-	7,625	-	17	938	284	9,127
Consumption by Transport	917	1,697	62	19,694	246	406	8,973	1,741	33,736
Road	852	1,236	14	14,292	28	406	8,497	1,496	26,821
Rail	-	196	-	2,211	-	182	6	25	2,438
Air	-	-	-	2	24	-	469	196	755
Inland and Coastal Waterways	-	265	-	1,554	194	-	-	24	2,038
By Other Modes of Transportation	-	-	49	1,635	-	-	-	-	1,684
Cons. By households and other consumers	23	1,154	11	75,549	12	263	962	292	78,266
Households	23	518	11	21,188	12	127	461	270	22,609
Agriculture	-	636	-	996	-	77	70	5	1,784
Other consumers	-	-	-	53,366	-	59	431	17	53,873

Liquid Fuels Balance Sheet by Country for 2009

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	72	-	37,571	-	-	3,466	-	41,109
Imports	1,677	4,578	83	163,986	348	944	17,880	4,104	193,600
Exports	-	-144	-	-50,262	-	-	-1,502	-	-51,909
Marine/aviation Bunkers	-10	-309	-1	-4,883	-	-66	-405	-232	-5,906
Stock Change	-	-	-	18,316	-	-	-308	145	18,152
Total Primary Energy Supply	1,667	4,196	82	164,728	348	878	19,131	4,017	195,047
Energy Converted	-21	-642	-	-5,250	-76	-4	-8,497	-1,305	-15,794
Petroleum Refineries	-	-	-	-112	-	-	-148	-92	-353
NGL Processing Plants	-	-	-	169	-	-	22	-	190
Electric Power Plants	-21	-642	-	-5,307	-76	-4	-8,370	-1,212	-15,632
Consumption by Energy Sector	-	-85	-	-17,495	-	-	-115	-19	-17,714
Losses in Transportation and Distribution	-	-	-	-	-	-	-	-3	-3
Consumption by NON-Energy users	-7	-283	-1	-20,324	-	-	-402	-89	-21,105
Statistical differences	285	2	-	549	-	-2	-739	-1	94
Final Energy Consumption	1,354	3,184	81	121,111	273	876	10,855	2,603	140,336
Consumption by industry and construction	3	261	-	14,819	-	28	946	256	15,813
Iron and Steel Industry	-	-	-	2,468	-	-	-	6	2,473
Chemical Industry	-	-	-	3,909	-	-	-	-	3,909
Other Industry and Construction	3	261	-	7,943	-	28	946	250	9,430
Consumption by Transport	1,256	1,799	70	21,074	259	556	8,983	2,023	36,019
Road	1,159	1,312	16	16,542	29	556	8,352	1,836	29,802
Rail	-	207	-	2,315	-	-	135	31	2,688
Air	96	-	-	2	26	-	496	144	765
Inland and Coastal Waterways	-	280	-	1,298	204	-	-	10	1,792
By Other Modes of Transportation	-	-	54	917	-	-	-	1	973
Cons. By households and other consumers	96	1,125	11	85,717	14	292	926	323	88,504
Households	96	523	11	21,964	14	124	444	282	23,458
Agriculture	-	601	-	1,238	-	100	59	8	2,006
Other consumers	-	-	-	62,515	-	68	424	33	63,041

Liquid Fuels Balance Sheet by Country for 2010

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	94	-	41,747	-	-	3,464	-	45,305
Imports	1,983	4,866	105	176,449	352	1,035	18,804	4,311	207,906
Exports	-	-152	-	-59,704	-	-	-1,632	-28	-61,516
Marine/aviation Bunkers	-10	-326	-1	-4,883	-	-82	-333	-389	-6,024
Stock Change	-	-	-	-2,651	-	-	-36	171	-2,516
Total Primary Energy Supply	1,973	4,482	104	150,958	352	954	20,267	4,065	183,155
Energy Converted	-21	-724	-	-5,682	-65	-1	-7,874	-1,045	-15,412
Petroleum Refineries	-	-37	-	-4,453	-	-	-172	-88	-4,750
NGL Processing Plants	-	-	-	157	-	-	18	-	175
Electric Power Plants	-21	-687	-	-1,385	-65	-1	-7,721	-956	-10,836
Other conversion industries	-	-	-	-	-	-	-	-1	-1
Consumption by Energy Sector	-	-79	-	-18,736	-	-	-121	-16	-18,952
losses in Transportation and Distribution	-	-	-	-	-	-	-	-4	-4
Consumption by NON-Energy users	-7	-393	-1	-18,263	-	-	-312	-79	-19,054
Statistical differences	-31	6	-	-9,342	-	-	784	-30	-8,612
Final Energy Consumption	1,976	3,280	103	117,620	287	953	11,176	2,950	138,345
Consumption by industry and construction	3	280	-	8,755	-	32	1,285	239	10,593
Iron and Steel Industry	-	-	-	257	-	-	-	10	267
Chemical Industry	-	-	-	1,726	-	-	-	-	1,726
Other Industry and Construction	3	280	-	6,772	-	32	1,285	229	8,601
Consumption by Transport	1,922	1,905	91	21,855	274	605	9,017	2,342	38,010
Road	1,889	1,388	19	17,505	31	605	8,379	2,112	31,928
Rail	-	219	-	2,393	-	-	103	26	2,742
Air	33	-	-	1	21	-	535	176	766
Inland and Coastal Waterways	-	298	-	566	221	-	-	27	1,112
By Other Modes of Transportation	-	-	73	1,390	-	-	-	-	1,463
Cons. By households and other consumers	51	1,095	12	87,010	13	316	874	370	89,742
Households	51	528	12	22,690	13	133	375	321	24,124
Agriculture	-	567	-	624	-	107	41	10	1,348
Other consumers	-	-	-	63,697	-	76	458	39	64,270

Liquid Fuels Balance Sheet by Country for 2011

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	117	-	42,088	-	-	3,497	-	45,702
Imports	2,570	5,156	124	183,010	362	1,068	17,428	4,775	214,493
Exports	-	-161	-	-61,632	-	-	-909	-63	-62,764
Marine/aviation Bunkers	-10	-346	-1	-4,883	-	-92	-302	-598	-6,232
Stock Change	-	-	-	-4,569	-	-	3	281	-4,285
Total Primary Energy Supply	2,560	4,767	123	154,014	362	976	19,717	4,396	186,914
Energy Converted	-21	-807	-	6,150	-70	-1	-7,347	-1,334	-3,431
Petroleum Refineries	-	-70	-	6,966	-	-	-152	-255	6,489
NGL Processing Plants	-	-	-	162	-	-	16	-	178
Electric Power Plants	-21	-737	-	-978	-70	-1	-7,211	-1,080	-10,097
Consumption by Energy Sector	-	-74	-	-18,087	-	-	-121	-19	-18,301
Consumption by NON-Energy users	-7	-483	-1	-19,642	-	-	-294	-142	-20,569
Statistical differences	-31	8	-	-722	-	-1	423	6	-317
Final Energy Consumption	2,563	3,396	122	123,157	291	976	11,531	2,895	144,931
Consumption by industry and construction	3	303	-	16,287	-	27	1,342	223	18,186
Iron and Steel Industry	-	-	-	314	-	-	-	6	319
Chemical Industry	-	-	-	9,394	-	-	-	-	9,394
Other Industry and Construction	3	303	-	6,579	-	27	1,342	218	8,473
Consumption by Transport	2,523	2,026	109	22,402	277	611	9,414	2,289	39,651
Road	2,461	1,475	21	18,411	33	611	8,852	2,224	34,087
Rail	-	234	-	2,452	-	-	71	26	2,783
Air	62	-	-	1	21	-	490	7	582
Inland and Coastal Waterways	-	318	-	545	223	-	-	31	1,116
By Other Modes of Transportation	-	-	88	994	-	-	-	-	1,082
Cons. By households and other consumers	37	1,066	13	84,469	14	337	776	383	87,094
Households	37	535	13	23,048	14	141	339	338	24,465
Agriculture	-	532	-	696	-	111	23	3	1,365
Other consumers	-	-	-	60,725	-	85	413	42	61,265

Liquid Fuels Balance Sheet by Country for 2012

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	249	-	42,434	-	-	3,940	-	46,623
Imports	5,524	5,028	109	187,977	477	13,889	7,328	2,639	222,971
Exports	-	-130	-	-61,081	-	-	-852	-	-62,063
Marine/aviation Bunkers	-10	-406	-2	-4,790	-130	-95	-288	-660	-6,381
Stock Change	-	-211	-	4,639	-	-	-117	32	4,343
Total Primary Energy Supply	5,534	5,342	110	178,758	607	13,984	10,587	3,332	218,254
Energy Converted	-21	-1,071	-	4,245	-75	-2	-7,833	-1,266	-6,023
Petroleum Refineries	-	118	-	10,082	-	-	-	-	10,200
Electric Power Plants	-21	-1,070	-	-1,040	-75	-2	-7,601	-1,266	-11,076
Other conversion Industries	-	-119	-	-4,797	-	-	-232	-	-5,147
Consumption by Energy Sector	-	-29	-	-3,080	-	-	-	-	-3,109
Consumption by NON-Energy users	-7	-105	-1	-17,285	-3	-276	-	-93	-17,769
Statistical differences	-6	-605	-4,755	42,548	355	12,519	-8,364	-1,100	40,592
Final Energy Consumption	5,512	4,742	4,865	120,090	175	1,186	11,118	3,072	150,762
Consumption by industry and construction	-	154	4,817	10,788	8	-	832	645	17,244
Iron and Steel Industry	-	-	-	282	-	-	-	7	289
Chemical Industry	-	-	-	10,506	-	-	-	-	10,506
Other Industry and Construction	-	154	4,817	-	8	-	832	638	6,449
Consumption by Transport	5,486	1,678	23	22,456	146	841	9,564	2,297	42,491
Road	5,435	1,406	23	18,698	109	841	9,217	2,215	37,944
Rail	-	268	-	2,535	-	-	233	26	3,061
Air	51	-	-	1	23	-	114	32	221
Inland and Coastal Waterways	-	-	-	412	14	-	-	23	449
By Other Modes of Transportation	-	4	-	811	-	-	-	1	816
Cons. By households and other consumers	26	2,911	25	86,846	21	345	722	130	91,027
Households	26	384	12	21,982	11	143	309	126	22,994
Agriculture	-	1,072	-	616	-	110	32	2	1,832
Other consumers	-	1,455	12	64,248	11	92	381	2	66,202

Liquid Fuels Balance Sheet by Country for 2013

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	264	-	42,131	-	-	3,761	-	46,156
Imports	5,707	5,016	117	195,163	496	1,162	18,810	4,157	230,627
Exports	-	-105	-	-61,015	-	-	-	-138	-61,257
Marine/aviation Bunkers	-17	-434	-3	-8,040	-166	-95	-432	-612	-9,800
Stock Change	-	97	-	319	-	-	78	-418	77
Total Primary Energy Supply	5,690	4,839	114	168,558	330	1,067	22,216	2,989	205,803
Energy Converted	-21	-297	-	-1,298	-75	-	-438	-	-2,129
Petroleum Refineries	-	87	-	10,233	-	-	-	-	10,320
Electric Power Plants	-21	-207	-	-6,964	-75	-	-217	-198	-7,681
Other conversion industries	-	-177	-	-4,568	-	-	-221	-	-4,966
losses in Transportation and Distribution	-	-	-	-	-	-	-	-186	-186
Consumption by NON-Energy users	-	-67	-	-13,320	-	-	-145	-149	-13,682
Statistical differences	22	1,460	86	52,812	131	26	9,743	-318	63,963
Final Energy Consumption	5,647	3,015	27	101,127	124	1,040	11,890	2,774	125,645
Consumption by industry and construction	-	144	-	17,418	7	10	1,832	221	19,633
Iron and Steel Industry	-	-	-	495	-	-	-	7	502
Chemical Industry	-	-	-	837	-	-	464	-	1,301
Other Industry and Construction	-	144	-	16,086	7	10	1,368	214	17,830
Consumption by Transport	5,621	1,572	23	66,783	110	907	9,924	2,434	87,375
Road	5,621	1,324	23	64,115	110	907	9,682	813	82,594
Rail	-	245	-	2,631	-	-	243	-	3,119
Air	51	-	-	1,675	30	-	121	-	1,877
Inland and Coastal Waterways	-	-	-	666	15	-	-	1	682
By Other Modes of Transportation	-	4	-	37	-	-	-	1,621	1,662
Cons. By households and other consumers	26	1,298	4	16,926	7	123	133	119	18,637
Households	26	318	4	7,461	7	14	101	114	8,043
Agriculture	-	981	-	9,465	-	110	33	5	10,594
Other consumers	-	-	-	2,054	-	103	89	-	2,246

Liquid Fuels Balance Sheet by Country for 2014

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	261	-	-	40,684	-	-	4,283	-	45,228
Imports	1,708	5,568	129	193,938	667	1,425	20,498	4,443	228,375
Exports	-	-83	-	-59,788	-	-	-977	-21	-60,869
Marine/aviation Bunkers	-63	-523	-3	-6,891	-323	-142	-1,095	-798	-9,838
Stock Change	-	268	-	-1,978	-	-1	-149	-651	-2,511
Total Primary Energy Supply	1,906	5,230	126	165,965	344	1,281	22,560	2,973	200,385
Energy Converted	-92	-1,706	-1	-10,942	-96	-2	-9,257	-1,158	-23,254
Petroleum Refineries	-	53	-	10,847	-	-	572	85	11,557
Electric Power Plants	-21	-1,526	-	-8,765	-94	-2	-9,224	-1,034	-20,666
Other conversion industries	-	-180	-	-3,446	-	-	-268	-	-3,894
Consumption by Energy Sector	-	-27	-	-990	-	-	-	-	-1,017
Losses in Transportation and Distribution	-	-	-	-	-	-	-	-152	-152
Consumption by NON-Energy users	-71	-26	-1	-8,587	-3	-	-338	-57	-9,082
Statistical differences	220	-653	47,244	-84,679	626	5,208	-5,207	-390	-37,630
Final Energy Consumption	1,964	2,817	47,369	60,768	871	6,488	7,758	1,217	129,251
Consumption by industry and construction	-	97	-	18,665	8	11	1,237	182	20,200
Iron and Steel Industry	-	-	-	453	-	-	-	7	460
Chemical Industry	-	-	-	10,791	-	-	-	-	10,791
Other Industry and Construction	-	97	-	7,421	8	11	1,237	175	8,949
Consumption by Transport	1,937	1,440	47,369	24,410	856	6,331	6,110	920	89,373
Road	1,617	1,436	47,267	19,314	804	6,331	5,754	864	83,387
Rail	268	-	-	2,691	-	-	242	26	3,227
Air	52	-	-	1,726	36	-	114	3	1,931
Inland and Coastal Waterways	-	-	-	642	16	-	-	27	685
By Other Modes of Transportation	-	4	102	37	-	-	-	-	143
Cons. By households and other consumers	27	1,281	0	17,692	7	146	410	115	19,679
Households	27	291	-	7,021	7	15	105	110	7,576
Agriculture	-	989	-	9,506	-	128	50	5	10,677
Other consumers	-	1	-	1,166	-	3	256	-	1,426

Liquid Fuels Balance Sheet by Country for 2015

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	311	-	41,564	-	-	4,620	-	46,496
Imports	1,617	5,184	125	240,572	487	994	18,233	3,845	271,057
Exports	-	-43	-	-47,598	-	-	-1,828	-202	-49,670
Marine/aviation Bunkers	-10	-462	-3	-5,995	-82	-98	-795	-741	-8,187
Stock Change	-	69	-	51	-	-	102	-991	-769
Total Primary Energy Supply	1,607	5,060	122	228,594	405	896	20,333	1,911	258,927
Energy Converted	-26	-2,800	-1	-259,839	-100	-10	-23,018	-2,292	-288,085
Petroleum Refineries	-	-1,132	-	-235,223	-	-	-13,131	-1,709	-251,194
Electric Power Plants	-16	-1,345	-	-747	-98	-	-9,142	-551	-11,899
Other conversion industries	-	-195	-	-4,239	-	-	-330	-	-4,765
Consumption by Energy Sector	-	-28	-	-1,216	-	-	-	-	-1,244
Consumption by NON-Energy users	-10	-100	-1	-18,414	-3	-10	-415	-32	-18,984
Statistical differences	16	1,466	19	195,434	30	-50	16,860	4,112	217,886
Final Energy Consumption	1,587	3,598	139	144,560	332	827	13,760	3,699	168,500
Consumption by industry and construction	-	219	-	33,657	9	10	1,287	780	35,963
Iron and Steel Industry	-	-	-	492	-	-	-	-	492
Chemical Industry	-	-	-	12,204	-	-	-	-	12,204
Other Industry and Construction	-	219	-	20,961	9	10	1,287	780	23,267
Consumption by Transport	1,581	2,206	139	31,382	321	688	12,050	2,791	51,157
Road	1,532	1,529	26	25,856	140	688	11,665	2,748	44,185
Rail	-	289	-	2,802	-	-	260	39	3,390
Air	49	-	-	1,989	39	-	125	3	2,205
Inland and Coastal Waterways	-	389	-	697	142	-	-	-	1,228
By Other Modes of Transportation	-	-	113	38	-	-	-	-	150
Cons. By households and other consumers	6	1,173	-	79,521	1	128	423	128	81,380
Households	6	271	-	6,954	1	10	95	128	7,466
Agriculture	-	902	-	828	-	116	40	-	1,885
Other consumers	-	-	-	71,739	-	2	289	-	72,029

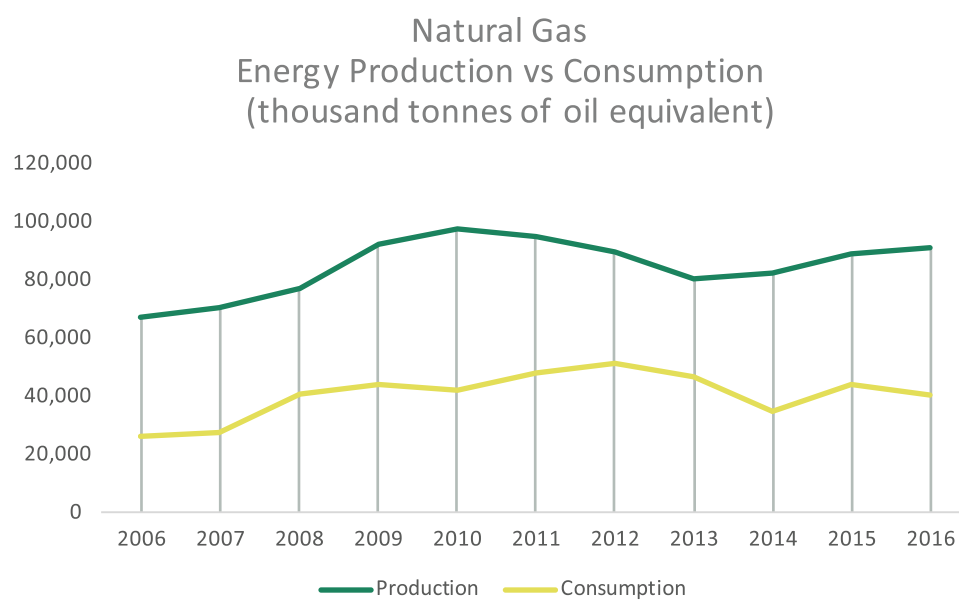
Liquid Fuels Balance Sheet by Country for 2016

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	-	339	-	41,707	-	-	4,845	-	46,890
Imports	738	5,213	139	260,677	510	1,693	20,239	4,554	293,763
Exports	-	-105	-	-50,357	-	-	-1,090	-90	-51,644
Marine/aviation Bunkers	-10	-472	-3	-6,544	-70	-132	-286	-1,129	-8,646
Stock Change	-	-97	-	59	-	-	59	-1,021	-1,000
Total Primary Energy Supply	728	4,877	136	245,541	440	1,561	23,766	2,315	279,363
Energy Converted	-116	-2,808	-15	-262,134	-183	-10	-22,095	-2,765	-290,125
Petroleum Refineries	-	-1,291	-	-247,846	-	-	-12,623	-1,764	-263,524
Electric Power Plants	-21	-1,202	-	-824	-178	-	-8,462	-910	-11,597
Other conversion industries	-	-189	-	-4,635	-	-	-528	-	-5,352
Consumption by Energy Sector	-	-27	-	-	-	-	-	-	-27
Consumption by NON-Energy users	-94	-99	-15	-8,828	-6	-10	-482	-92	-9,626
Statistical differences	200	792	1,338	96,518	81,131	1,789	7,935	11,232	200,935
Final Energy Consumption	718	2,735	1,445	71,097	81,382	3,330	9,124	10,690	180,521
Consumption by industry and construction	-	30	-	11,627	27,580	2,702	1	1,560	43,500
Iron and Steel Industry	-	-	-	170	-	-	-	-	170
Chemical Industry	-	-	-	11,457	-	-	-	-	11,457
Other Industry and Construction	-	30	516	0	27,580	2,702	1	1,560	32,389
Consumption by Transport	708	1,482	1,445	33,968	53,802	404	8,733	8,955	109,497
Road	650	777	1,325	25,141	53,655	404	7,817	8,906	98,675
Rail	-	285	-	2,769	-	-	257	39	3,350
Air	58	-	-	5,307	16	-	660	3	6,045
Inland and Coastal Waterways	-	419	-	711	130	-	-	7	1,267
By Other Modes of Transportation	-	-	120	41	-	-	-	-	160
Cons. By households and other consumers	10	1,223	-	25,501	-	224	390	175	27,523
Households	10	220	7	5,443	-	17	81	174	5,951
Agriculture	-	969	-	824	-	204	13	1	2,012
Other consumers	-	34	-	19,234	-	3	296	-	19,567

Natural Gas Balance Sheet of SAARC Region
(Million Cubic Meters)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production of Primary Energy	79,675	83,188	90,467	107,636	113,777	111,033	98,896	88,000	89,879	95,789	98,109
Imports	-	-	-	-	-	-	-	-	15,453	20,281	18,371
Stock Change	-4	-1	-4	-5	-22	-8	-778	-1	-670	-161	-369
Total Primary Energy Supply	79,671	83,187	90,463	107,631	113,756	111,025	98,118	87,999	104,662	115,909	116,111
Energy Converted	-27,222	-27,474	-26,032	-35,529	-38,661	3s804	-	-37,070	-68,165	-71,191	-75,595
GasWorks	17	18	19	19	20	21	22	22	23	25	25
Blast Furnaces	4,288	4,291	5,847	5,999	5,916	6,145	-	-	-	-	-
Electric Power Plants	-31,526	-31,783	-31,898	-41,548	-44,597	-39,970	32,899	-37,070	-31,690	-38,306	-40,000
Consumption by energy Sector	-2,447	-2,549	-6,435	-2,717	-1,318	-1,387	1,383	-5,064	-6,126	-934	-6,968
Losses in Transportation and distribution	-1,689	-1,709	-703	-1,451	-2,487	-1,425	-1,654	-1,215	-2,653	-2,667	-2,679
Consumption for non-energy users	-15,104	-16,835	-17,413	-22,990	-19,530	-19,626	17,837	-21,139	-27,696	-29,310	-25,972
Statistical differences	2,188	1,630	-7,772	-6,868	2,152	-1,444	-	-17,220	-24,331	-19,139	-16,290
Final Energy Consumption	31,020	32,990	47,652	51,813	49,607	56,227	75,102	40,730	33,132	34,547	30,835
Consumption by industry and construction	20,065	21,038	34,268	37,324	32,393	37,413	58,947	21,443	18,339	17,697	14,710
Iron and Steel Industry	4,791	4,811	19,017	21,001	17,328	17,573	11,387	247	224	203	20
Chemical Industry	-	-	-	-	-	-	782	782	-	-	-
Other Industry and Construction	15,273	16,227	15,252	16,323	15,065	19,840	46,778	20,414	18,115	17,494	14,690
Consumption by Transport	1,886	2,513	3,332	3,907	4,583	4,734	3,739	5,394	3,433	2,984	3,094
Road	1,886	2,513	3,332	3,907	4,583	4,734	3,739	5,394	3,433	5,313	3,094
Cons. By households and other consumers	9,070	9,439	10,052	10,582	12,631	14,080	12,416	13,892	11,360	13,865	13,031
Households	7,779	8,070	8,612	9,063	11,075	12,436	12,213	13,671	9,900	11,572	11,700
Agriculture	196	185	178	189	220	202	203	221	209	215	25
Other consumers	1,095	1,184	1,261	1,330	1,336	1,442	1,318	2,018	1,251	2,079	1,305



Natural Gas Balance Sheet by Country for 2006
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	16,382	-	26,047	-	-	37,242	-	79,675
Stock Change	-	-	-	-	-	-	-4	-	-4
Total Primary Energy Supply	4	16,382	-	26,047	-	-	37,237	-	79,670
Energy Converted	-4	-8,452	-	-7,849	-	-	-10,917	-	-27,222
Gasworks	-	-	-	17	-	-	-	-	17
Blast Furnaces	-	-	-	4,232	-	-	55	-	4,287
Electric Power Plants	-4	-8,452	-	-12,098	-	-	-10,972	-	-31,526
Consumption by energy Sector	-	-	-	-2,039	-	-	-408	-	-2,447
Losses in Transportation and distribution	-	-1,030	-	-	-	-	-659	-	-1,689
Consumption for non-energy users	-	-2,735	-	-8,552	-	-	-3,797	-	-15,084
Statistical differences	-	-	-	-543	-	-	2,731	-	2,188
Final Energy Consumption	-	4,145	-	8,151	-	-	18,274	-	30,570
Consumption by industry and construction	-	1,973	-	7,490	-	-	10,601	-	20,064
Iron and Steel Industry	-	-	-	4,249	-	-	542	-	4,791
Other Industry and Construction	-	1,973	-	3,241	-	-	10,059	-	15,273
Consumption by Transport	-	209	-	-	-	-	1,677	-	1,886
Road	-	209	-	-	-	-	1,677	-	1,886
Cons. By households and other consumers	-	1,963	-	660	-	-	6,446	-	9,069
Households	-	1,777	-	488	-	-	5,513	-	7,778
Agriculture	-	24	-	172	-	-	-	-	196
Other consumers	-	163	-	-	-	-	932	-	1,095

Natural Gas Balance Sheet by Country for 2007
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	17,486	-	27,761	-	-	37,936	-	83,187
Stock Change	-	-	-	-	-	-	-1	-	-1
Total Primary Energy Supply	4	17,486	-	27,761	-	-	37,936	-	83,187
Energy Converted	-4	-8,821	-	-7,946	-	-	-10,703	-	-27,474
Gasworks	-	-	-	18	-	-	-	-	18
Blast Furnaces	-	-	-	4,209	-	-	83	-	4,292
Electric Power Plants	-4	-8,821	-	-12,173	-	-	-10,785	-	-31,783
Consumption by energy Sector	-	-	-	-2,093	-	-	-456	-	-2,549
Losses in Transportation and distribution	-	-809	-	-	-	-	-901	-	-1,710
Consumption for non-energy users	-	-2,907	-	-9,933	-	-	-3,995	-	-16,835
Statistical differences	-	-	-	-	-	-	1,630	-	1,630
Final Energy Consumption	-	4,949	-	7,789	-	-	20,252	-	32,990
Consumption by industry and construction	-	2,410	-	7,588	-	-	11,041	-	21,039
Iron and Steel Industry	-	-	-	4,226	-	-	585	-	4,811
Other Industry and Construction	-	2,410	-	3,361	-	-	10,456	-	16,227
Consumption by Transport	-	373	-	-	-	-	2,140	-	2,513
Road	-	373	-	-	-	-	2,140	-	2,513
Cons. By households and other consumers	-	2,167	-	201	-	-	7,071	-	9,439
Households	-	1,967	-	39	-	-	6,063	-	8,069
Agriculture	-	23	-	162	-	-	-	-	185
Other consumers	-	176	-	-	-	-	1,008	-	1,184

Natural Gas Balance Sheet by Country for 2008
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	155	18,688	-	33,215	-	-	38,409	-	90,467
Stock Change	-	-	-	-	-	-	-4	-	-4
Total Primary Energy Supply	155	18,688	-	33,215	-	-	38,405	-	90,463
Energy Converted	-	-9,782	-	-6,520	-	-	-9,731	-	-26,033
Gasworks	-	-	-	19	-	-	-	-	19
Blast Furnaces	-	-	-	5,635	-	-	213	-	5,848
Electric Power Plants	-	-9,782	-	-12,173	-	-	-9,944	-	-31,899
Consumption by energy Sector	-	-	-	-5,979	-	-	-457	-	-6,436
Losses in Transportation and distribution	-	-508	-	-	-	-	-195	-	-703
Consumption for non-energy users	-	-2,447	-	-10,920	-	-	-4,046	-	-17,413
Statistical differences	-	-	-	-10,826	-	-	3,053	-	-7,773
FINAL ENERGY CONSUMPTION	155	5,951	-	20,623	-	-	20,923	-	47,652
Consumption by industry and construction	155	2,867	-	20,364	-	-	10,882	-	34,268
Iron and Steel Industry	-	-	-	18,389	-	-	628	-	19,017
Other Industry and Construction	155	2,867	-	1,975	-	-	10,254	-	15,251
Consumption by Transport	-	710	-	-	-	-	2,622	-	3,332
Road	-	710	-	-	-	-	2,622	-	3,332
Cons. By households and other consumers	-	2,374	-	259	-	-	7,419	-	10,052
Households	-	2,147	-	103	-	-	6,363	-	8,613
Agriculture	-	22	-	156	-	-	-	-	178
Other consumers	-	205	-	-	-	-	1,056	-	1,261

Natural Gas Balance Sheet by Country for 2009
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	142	20,333	-	48,031	-	-	39,130	-	107,636
Stock Change	-	-	-	-	-	-	-5	-	-5
Total Primary Energy Supply	142	20,333	-	48,031	-	-	39,125	-	107,631
Energy Converted	-	-10,917	-	-15,664	-	-	-8,949	-	-35,530
Gasworks	-	-	-	19	-	-	-	-	19
Blast Furnaces	-	-	-	5,923	-	-	77	-	6,000
Electric Power Plants	-	-10,917	-	-21,606	-	-	-9,025	-	-41,548
Consumption by energy Sector	-	-	-	-2,348	-	-	-369	-	-2,717
Losses in Transportation and distribution	-	-333	-	-	-	-	-1,118	-	-1,451
Consumption for non-energy users	-	-2,328	-	-16,317	-	-	-4,345	-	-22,990
Statistical differences	-	-	-	-9,515	-	-	2,647	-	-6,868
Final Energy Consumption	142	6,756	-	23,218	-	-	21,697	-	51,813
Consumption by industry and construction	142	3,244	-	22,800	-	-	11,138	-	37,324
Iron and Steel Industry	-	-	-	20,537	-	-	464	-	21,001
Other Industry and Construction	142	3,244	-	2,263	-	-	10,674	-	16,323
Consumption by Transport	-	965	-	-	-	-	2,942	-	3,907
Road	-	965	-	-	-	-	2,942	-	3,907
Cons. By households and other consumers	-	2,547	-	418	-	-	7,617	-	10,582
Households	-	2,295	-	249	-	-	6,519	-	9,063
Agriculture	-	20	-	169	-	-	-	-	189
Other consumers	-	232	-	-	-	-	1,098	-	1,330

Natural Gas Balance Sheet by Country for 2010
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	142	21,883	-	52,808	-	-	38,944	-	113,777
Stock Change	-	-	-	-	-	-	-22	-	-22
Total Primary Energy Supply	142	21,883	-	52,808	-	-	38,923	-	113,756
Energy Converted	-	-12,502	-	-17,989	-	-	-8,171	-	-38,662
Gasworks	-	-	-	20	-	-	-	-	20
Blast Furnaces	-	-	-	5,840	-	-	76	-	5,916
Electric Power Plants	-	-505	-	-23,849	-	-	-8,247	-	-32,601
Consumption by energy Sector	-	-	-	-1,010	-	-	308	-	-702
Losses in Transportation and distribution	-	-499	-	-	-	-	-1,988	-	-2,487
Consumption for non-energy users	-	-2,797	-	-12,477	-	-	-4,255	-	-19,529
Statistical differences	-	-	-	-661	-	-	2,814	-	2,153
Final Energy Consumption	142	6,085	-	21,993	-	-	21,387	-	49,607
Consumption by industry and construction	142	2,013	-	20,196	-	-	10,042	-	32,393
Iron and Steel Industry	-	-	-	16,897	-	-	431	-	17,328
Other Industry and Construction	142	2,013	-	3,299	-	-	9,611	-	15,065
Consumption by Transport	-	1,223	-	-	-	-	3,360	-	4,583
Road	-	1,223	-	-	-	-	3,360	-	4,583
Cons. By households and other consumers	-	2,849	-	1,797	-	-	7,985	-	12,631
Households	-	2,572	-	1,602	-	-	6,901	-	11,075
Agriculture	-	25	-	195	-	-	-	-	220
Other consumers	-	253	-	-	-	-	1,084	-	1,337

Natural Gas Balance Sheet by Country for 2011

(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	161	22,048	-	48,136	-	-	40,688	-	111,033
Stock Change	-	-	-	-	-	-	-8	-	-8
Total Primary Energy Supply	161	22,048	-	48,136	-	-	40,680	-	111,025
Energy Converted	-	-	-	-13,008	-	-	-8,502	-	-21,510
Gasworks	-	-	-	21	-	-	-	-	21
Blast Furnaces	-	-	-	6,096	-	-	49	-	6,145
Electric Power Plants	-	-12,295	-	-19,125	-	-	-8,550	-	-39,970
Consumption by energy Sector	-	-	-	-1,140	-	-	-247	-	-1,387
Losses in Transportation and distribution	-	-610	-	-	-	-	-815	-	-1,425
Consumption for non-energy users	-	-2,985	-	-12,631	-	-	-4,010	-	-19,626
Statistical differences	-	0	-	-6,127	-	-	4,684	-	-1,443
Final Energy Consumption	161	6,158	-	27,485	-	-	22,423	-	56,227
Consumption by industry and construction	161	1,953	-	25,373	-	-	9,926	-	37,413
Iron and Steel Industry	-	-	-	17,223	-	-	350	-	17,573
Other Industry and Construction	161	1,953	-	8,150	-	-	9,576	-	19,840
Consumption by Transport	-	1,197	-	-	-	-	3,536	-	4,733
Road	-	1,197	-	-	-	-	3,536	-	4,733
Cons. By households and other consumers	-	3,008	-	2,112	-	-	8,961	-	14,081
Households	-	2,718	-	1,935	-	-	7,783	-	12,436
Agriculture	-	25	-	177	-	-	-	-	202
Other consumers	-	264	-	-	-	-	1,178	-	1,442

Natural Gas Balance Sheet by Country for 2012
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	160	21,708	-	40,636	-	-	36,392	-	98,896
Stock Change	-	-769	-	-	-	-	-9	-	-778
Total Primary Energy Supply	160	20,939	-	40,636	-	-	36,383	-	98,118
Energy Converted	-	-12,047	-	-12,813	-	-	-8,017	-	-32,877
GasWorks	-	-	-	22	-	-	-	-	22
Electric Power Plants	-	-12,047	-	-12,835	-	-	-8,017	-	-32,899
Consumption by energy Sector	-	-	-	-1,138	-	-	-245	-	-1,383
Losses in Transportation and distribution	-	-563	-	-	-	-	-1,091	-	-1,654
Consumption for non-energy users	-	-1,644	-	-13,075	-	-	-3,117	-	-17,837
Statistical differences	-	-1,846	-	-26,222	-	-	-3,985	-	-32,053
FINAL ENERGY CONSUMPTION	160	8,531	-	39,832	-	-	27,898	-	76,420
Consumption by industry and construction	160	3,617	-	37,656	-	-	17,514	-	58,947
Iron and Steel Industry	-	-	-	11,127	-	-	260	-	11,387
Chemical Industry	-	-	-	-	-	-	782	-	782
Other Industry and Construction	160	3,617	-	26,529	-	-	16,472	-	46,778
Consumption by Transport	-	1,085	-	0	-	-	2,654	-	3,739
Road	-	1,085	-	0	-	-	2,654	-	3,739
Cons. By households and other consumers	-	3,828	-	2,176	-	-	7,730	-	13,734
Households	-	2,489	-	1,994	-	-	7,730	-	12,213
Agriculture	-	21	-	182	-	-	-	-	203
Other consumers	-	1,318	-	-	-	-	-	-	1,318

Natural Gas Balance Sheet by Country for 2013 (Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	154	22,583	-	34,583	-	-	30,681	-	88,000
Stock Change	-	8	-	-	-	-	-9	-	-1
Total Primary Energy Supply	154	22,590	-	34,583	-	-	30,672	-	87,999
Energy Converted	-	-13,013	-	-16,445	-	-	-7,611	-	-37,070
Gas Works	-	-	-	22	-	-	-	-	22
Electric Power Plants	-	-13,013	-	-16,445	-	-	-7,611	-	-37,070
Consumption by energy Sector	-	-	-	-4,832	-	-	-233	-	-5,064
Losses in Transportation and distribution	-	-180	-	-	-	-	-1,035	-	-1,215
Consumption for non-energy users	-	-1,691	-	-16,489	-	-	-2,960	-	-21,139
Statistical differences	-	262	-	-17,485	-	-	3	-	-17,220
Final Energy Consumption	154	7,444	-	14,301	-	-	18,830	-	40,730
Consumption by industry and construction	154	3,828	-	8,489	-	-	8,972	-	21,443
Iron and Steel Industry	-	-	-	-	-	-	247	-	247
Chemical Industry	-	-	-	-	-	-	782	-	782
Other Industry and Construction	154	3,828	-	8,489	-	-	7,943	-	20,414
Consumption by Transport	-	1,089	-	1,786	-	-	2,520	-	5,394
Road	-	1,089	-	1,786	-	-	2,520	-	5,394
Cons. By households and other consumers	-	2,527	-	4,027	-	-	7,339	-	13,892
Households	-	2,505	-	3,827	-	-	7,339	-	13,671
Agriculture	-	22	-	200	-	-	-	-	221
Other consumers	-	226	-	848	-	3	941	-	2,018

Natural Gas Balance Sheet by Country for 2014
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	142	23,159	-	32,745	-	-	33,833	-	89,879
Imports	-	-	-	15,453	-	-	-	-	15,453
Stock Change	-	-683	-	-	-	-	13	-	-670
Total Primary Energy Supply	142	22,476	-	48,198	-	-	33,846	-	104,662
Energy Converted	-1,518	-14,138	-	-39,397	-	-	-13,089	-	-68,142
GasWorks	-	-	-	23	-	-	-	-	23
Electric Power Plants	-	-13,574	-	-10,708	-	-	-7,408	-	-31,690
Consumption by energy Sector	-	-	-	-5,928	-	-	-198	-	-6,126
Losses in Transportation and distribution	-	-564	-	-	-	-	-2,089	-	-2,653
Consumption for non-energy users	-1,518	-	-	-22,784	-	-	-3,394	-	-27,696
Statistical differences	-3,035	94	-	-20,467	-	-	-900	-	-24,308
Final Energy Consumption	141	8,244	-	6,484	-	-	18,263	-	33,132
Consumption by industry and construction	141	4,006	-	6,297	-	-	7,895	-	18,339
Iron and Steel Industry	-	-	-	-	-	-	224	-	224
Other Industry and Construction	141	4,006	-	6,297	-	-	7,671	-	18,115
Consumption by Transport	-	1,132	-	-	-	-	2,301	-	3,433
Road	-	1,132	-	-	-	-	2,301	-	3,433
Cons. By households and other consumers	-	3,106	-	187	-	-	8,067	-	11,360
Households	-	2,833	-	-	-	-	7,067	-	9,900
Agriculture	-	22	-	187	-	-	-	-	209
Other consumers	-	251	-	-	-	-	1,000	-	1,251

Natural Gas Balance Sheet by Country for 2015

(Million Cubic Meters)

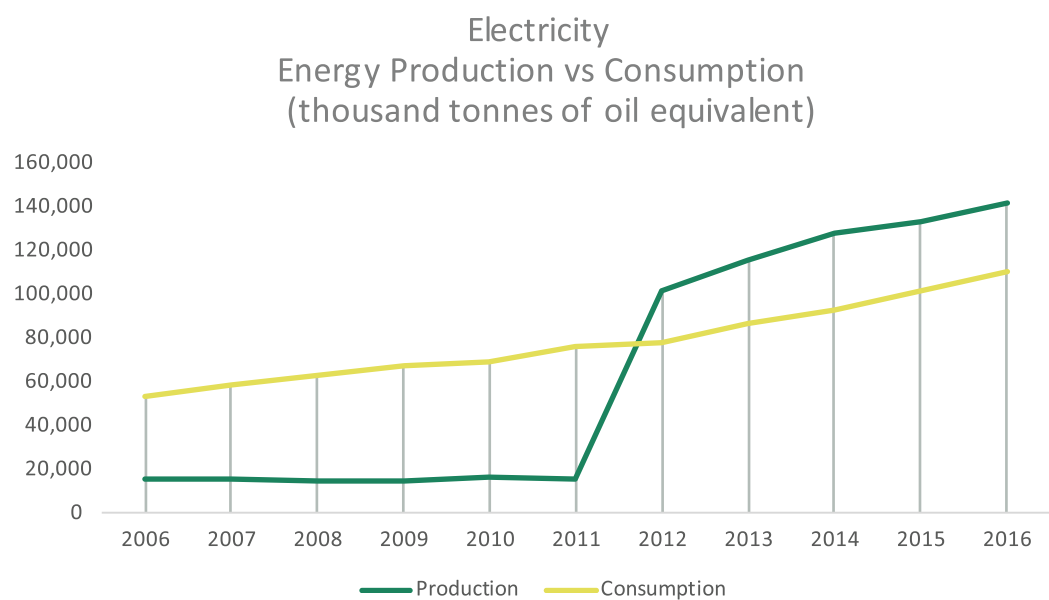
	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	146	25,237	-	31,193	-	-	39,214	-	95,789
Imports	-	-	-	20,281	-	-	-	-	20,281
Stock Change	-	-129	-	-	-	-	-32	-	-161
Total Primary Energy Supply	146	25,107	-	51,474	-	-	39,182	-	115,909
Energy Converted	-	-16,368	-	-41,248	-	-	-13,576	-	-71,191
GasWorks	-	-	-	25	-	-	-	-	25
Electric Power Plants	-	-14,276	-	-16,234	-	-	-7,795	-	-38,306
Consumption by energy Sector	-	-	-	-771	-	-	-163	-	-934
Losses in Transportation and distribution	-	-565	-	-	-	-	-2,102	-	-2,667
Consumption for non-energy users	-	-1,526	-	-24,268	-	-	-3,516	-	-29,310
Statistical differences	-	-1,800	-	-21,495	-	-	4,156	-	-19,139
Final Energy Consumption	146	9,014	-	7,453	-	-	17,934	-	34,547
Consumption by industry and construction	146	4,179	-	5,554	-	-	7,819	-	17,697
Iron and Steel Industry	-	-	-	-	-	-	203	-	203
Other Industry and Construction	146	4,179	-	5,554	-	-	7,616	-	17,494
Consumption by Transport	-	1,212	-	-	-	-	1,772	-	2,984
Road	-	1,212	-	2,329	-	-	1,772	-	5,313
Cons. By households and other consumers	-	3,623	-	1,899	-	-	8,344	-	13,865
Households	-	3,343	-	822	-	-	7,407	-	11,572
Agriculture	-	23	-	192	-	-	-	-	215
Other consumers	-	257	-	884	-	-	937	-	2,079

Natural Gas Balance Sheet by Country for 2016
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	165	27,530	-	31,457	-	-	38,957	-	98,109
Imports	-	-	-	18,371	-	-	-	-	18,371
Stock Change	-	-337	-	-	-	-	-32	-	-369
Total Primary Energy Supply	165	27,193	-	49,828	-	-	38,925	-	116,111
Energy Converted	-	-16,030	-	-44,486	-	-	-15,079	-	-75,595
GasWorks	-	-	-	25	-	-	-	-	25
Electric Power Plants	-	-13,978	-	-16,758	-	-	-9,264	-	-40,000
Consumption by energy Sector	-	-	-	-6,804	-	-	-164	-	-6,968
Losses in Transportation and distribution	-	-565	-	-	-	-	-2,114	-	-2,679
Consumption for non-energy users	-	-1,487	-	-20,948	-	-	-3,537	-	-25,972
Statistical differences	-	-333	-	-16,465	-	-	508	-	-16,290
Final Energy Consumption	165	10,009	-	859	-	-	19,801	-	30,835
Consumption by industry and construction	165	4,413	-	679	-	-	9,453	-	14,710
Iron and Steel Industry	-	-	-	-	-	-	20	-	20
Other Industry and Construction	165	4,413	-	679	-	-	9,434	-	14,690
Consumption by Transport	-	1,315	-	-	-	-	1,780	-	3,094
Road	-	1,315	-	-	-	-	1,780	-	3,094
Cons. By households and other consumers	-	4,281	-	181	-	-	8,568	-	13,031
Households	-	4,002	-	-	-	-	7,699	-	11,700
Agriculture	-	25	-	-	-	-	-	-	25
Other consumers	-	254	-	181	-	-	870	-	1,305

Electricity Balance Sheet of SAARC Region
(Million Kilowatt hours)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production of Primary Energy	180,690	184,699	173,856	171,725	193,716	186,571	196,111	231,445	218,519	216,145	217,507
Imports	4,062	6,646	7,334	7,223	8,460	12,188	9,428	10,785	10,641	11,343	12,772
Exports	-3,937	-5,779	-5,983	-5,946	-5,881	-5,299	-4,894	-5,652	-4,994	-5,725	-12,477
Total Primary Energy Supply	180,815	185,566	175,207	173,002	196,294	193,460	200,645	236,578	224,166	221,763	217,802
Energy Converted	717,639	775,713	815,454	881,534	919,400	948,843	1,006,929	1,099,876	928,806	942,195	1,052,163
Electric Power Plants	717,639	775,713	815,454	881,534	919,400	948,843	1,006,929	1,099,876	1,243,317	1,299,022	1,343,649
Consumption by Energy Sector	-48,465	-51,171	-54,247	-54,368	-57,163	-62,864	-64,149	-88,924	-45,546	-87,503	-8,896
Losses in Transportation and Distribution	-209,360	-210,509	-185,847	-206,382	168,859	-208,774	-210,136	-246,379	-268,965	-269,324	-282,590
Statistical differences	4,436	7,743	7,010	-7,948	66,972	-32,867	12,329	-29,527	-265,667	-381,170	-223,412
Final Energy Consumption	636,193	691,855	743,557	801,733	822,701	903,532	920,960	1,030,678	1,104,127	1,188,301	1,201,889
Consumption by industry and construction	280,179	305,741	330,414	368,836	319,836	395,794	403,525	428,621	458,505	509,556	384,809
Iron and Steel Industry	-	-	-	-	-	-	-	66,010	73,754	69,345	5,686
Chemical Industry	-	-	-	-	-	-	-	36,413	40,663	39,372	3,677
Other Industry and Construction	280,179	305,741	330,414	368,836	319,836	395,794	403,525	326,198	344,088	404,719	379,595
Consumption by Transport	10,818	11,122	12,148	12,415	14,009	14,333	14,214	15,453	16,183	16,600	17,224
Rail	10,818	11,122	12,148	12,415	14,009	14,333	14,214	15,453	16,183	16,600	17,224
Cons. By households and other consumers	345,197	374,993	400,995	420,483	488,856	493,406	503,221	586,604	629,439	662,145	799,856
Households	157,741	168,365	178,269	175,332	222,680	224,238	228,225	265,704	283,169	307,627	336,186
Agriculture	107,879	113,379	123,718	131,152	142,216	143,503	150,093	169,802	179,304	184,156	206,489
Other consumers	79,577	93,249	99,008	113,999	123,959	125,665	124,903	151,098	166,966	170,362	257,181



Electricity Balance Sheet by Country for 2006
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	646	1,389	4,519	132,522	-	2,735	34,241	4,638	180,690
Imports	594	-	11	2,957	-	329	171	-	4,062
Exports	-	-	-3,644	-216	-	-77	-	-	-3,937
Total Primary Energy Supply	1,240	1,389	886	135,263	-	2,987	34,412	4,638	180,815
Energy Converted	267	28,490	2	619,932	212	13	63,972	4,751	717,639
Electric Power Plants	267	28,490	2	619,932	212	13	63,972	4,751	717,639
Consumption by Energy Sector	-52	-961	-	-43,577	-8	-33	-3,760	-74	-48,465
Losses in Transportation and Distribution	-200	-1,778	-121	-183,043	-8	-815	-21,912	-1,483	-209,360
Statistical differences	15	1,513	3	2,904	-	1	-	-	4,436
Final Energy Consumption	1,240	25,627	764	525,671	196	2,151	72,712	7,832	636,193
Consumption by industry and construction	300	13,646	497	241,216	-	849	21,066	2,605	280,179
Iron and Steel Industry	-	6,085	-	-	-	-	-	-	6,085
Chemical Industry	-	-	-	20,196	-	-	-	-	20,196
Other Industry and Construction	300	13,646	497	241,216	-	849	21,066	2,605	280,179
Consumption by Transport	-	-	-	10,800	-	6	12	-	10,818
Rail	-	-	-	10,800	-	6	12	-	10,818
Cons. By households and other consumers	940	11,981	268	273,655	196	1,296	51,634	5,227	345,197
Households	300	9,313	114	111,001	137	918	33,335	2,622	157,740
Agriculture	60	572	-	99,023	-	48	8,176	-	107,879
Other consumers	580	2,096	153	63,631	59	330	10,123	2,605	79,577

Electricity Balance Sheet by Country for 2007
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	684	1,392	6,560	137,546	-	2,783	31,784	3,950	184,699
Imports	785	-	7	5,230	-	425	199	-	6,646
Exports	-	-	-5,429	-290	-	-60	-	-	-5,779
Total Primary Energy Supply	1,469	1,392	1,138	142,486	-	3,148	31,983	3,950	185,566
Energy Converted	266	29,894	2	675,556	245	9	63,877	5,864	775,713
Electric Power Plants	266	29,894	2	675,556	245	9	63,877	5,864	775,713
Consumption by Energy Sector	-53	-1,757	-	-45,531	-	-31	-3,718	-81	-51,171
Losses in Transportation and Distribution	-200	-1,602	-151	-187,513	-	-845	-18,742	-1,457	-210,510
Statistical differences	-18	724	-1	7,039	-	-1	-	-	7,743
Final Energy Consumption	1,500	27,203	990	577,959	245	2,282	73,400	8,216	691,795
Consumption by industry and construction	300	15,097	681	265,406	-	901	20,729	2,627	305,741
Other Industry and Construction	300	15,097	681	265,406	-	901	20,729	2,627	305,741
Consumption by Transport	-	-	-	11,108	-	6	8	-	11,122
Rail	-	-	-	11,108	-	6	8	-	11,122
Cons. By households and other consumers	1,200	12,106	310	301,445	245	1,375	52,663	5,649	374,993
Households	300	9,410	128	120,918	172	963	33,704	2,771	168,366
Agriculture	100	578	-	104,182	-	47	8,472	-	113,379
Other consumers	800	2,118	182	76,345	74	365	10,487	2,878	93,249

Electricity Balance Sheet by Country for 2008
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	541	950	6,961	129,050	-	2,803	29,402	4,149	173,856
Imports	835	-	17	5,899	-	356	227	-	7,334
Exports	-	-	-5,609	-327	-	-46	-	-	-5,982
Total Primary Energy Supply	1,376	950	1,368	134,622	-	3,113	29,629	4,149	175,207
Energy Converted	247	33,369	-	713,481	280	9	62,214	5,854	815,454
Electric Power Plants	247	33,369	-	713,481	280	9	62,214	5,854	815,454
Consumption by Energy Sector	-55	-1,929	-	-49,977	-10	-31	-2,077	-168	-54,247
Losses in Transportation and Distribution	-200	-4,293	-166	-159,409	-18	-896	-19,396	-1,469	-185,847
Statistical differences	-132	-	-	7,143	-	1	-2	-	7,010
Final Energy Consumption	1,500	28,097	1,203	631,574	252	2,194	70,372	8,366	743,558
Consumption by industry and construction	300	-	869	290,027	-	846	19,330	2,957	314,329
Other Industry and Construction	300	16,085	869	290,027	-	846	19,330	2,957	330,414
Consumption by Transport	-	-	-	12,138	-	5	5	-	12,148
Rail	-	-	-	12,138	-	5	5	-	12,148
Cons. By households and other consumers	1,200	12,012	334	329,409	252	1,343	51,037	5,409	400,996
Households	300	9,053	137	132,135	176	946	32,282	3,239	178,268
Agriculture	100	928	-	113,847	-	48	8,795	-	123,718
Other consumers	800	2,031	196	83,427	76	349	9,960	2,169	99,008

Electricity Balance Sheet by Country for 2009
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	775	417	6,998	125,545	-	3,102	30,987	3,901	171,725
Imports	957	-	19	5,359	-	639	249	-	7,223
Exports	-	-	-5,353	-519	-	-75	-	-	-5,947
Total Primary Energy Supply	1,732	417	1,665	130,385	-	-3,666	31,236	3,901	165,670
Energy Converted	114	36,808	-	773,844	298	13	64,371	6,086	881,534
Electric Power Plants	114	36,808	-	773,844	298	13	64,371	6,086	881,534
Consumption by Energy Sector	-53	-2,092	-	-49,706	-10	-37	-2,303	-167	-54,368
Losses in Transportation and Distribution	-200	-4,214	-167	-180,321	-19	-1,073	-18,957	-1,431	-206,382
Statistical differences	-7	-1	-	-7,942	-	2	-	-	-7,948
Final Energy Consumption	1,600	30,920	1,498	682,144	269	2,567	74,347	8,389	801,734
Consumption by industry and construction	300	17,619	1,110	326,252	-	960	19,823	2,773	368,837
Other Industry and Construction	300	17,619	1,110	326,252	-	960	19,823	2,773	368,837
Consumption by Transport	-	-	-	12,408	-	5	2	-	12,415
Rail	-	-	-	11,134	-	5	2	-	7
Cons. By households and other consumers	1,300	13,301	388	343,484	269	1,602	54,522	5,616	420,482
Households	300	9,833	148	126,080	175	1,151	34,272	3,373	175,332
Agriculture	100	1,098	-	120,209	-	56	9,689	-	131,152
Other consumers	900	2,370	241	97,195	94	395	10,561	2,243	113,999

Electricity Balance by Country for 2010
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	767	729	7,328	140,752	-	3,204	35,231	5,705	193,716
Imports	1,867	-	20	5,610	-	694	269	-	8,460
Exports	-	-	-5,268	-584	-	-30	-	-	-5,882
Total Primary Energy Supply	2,634	729	2,081	145,778	-	3,868	35,500	5,705	196,295
Energy Converted	125	4b981	1	813,787	256	3	59,152	5,096	878,420
Electric Power Plants	125	40,981	1	813,787	256	3	59,152	5,096	919,401
Consumption by Energy Sector	-27	-2,344	-	-52,380	-9	-30	-2,239	-134	-57,163
Losses in Transportation and Distribution	-404	-4,316	-193	-146,063	15	-1,094	-15,315	-1,458	-168,828
Statistical differences	-72	-	314	66,730	-	-	-1	-	66,971
Final Energy Consumption	2,400	35,050	1,574	694,392	232	2,746	77,099	9,209	822,702
Consumption by industry and construction	500	20,026	1,323	272,589	-	1,043	21,027	3,148	319,656
Other Industry and Construction	500	20,026	1,323	272,589	-	1,043	21,207	3,148	319,836
Consumption by Transport	-	-	-	14,003	-	5	1	-	14,009
Rail	-	-	-	14,003	-	5	1	-	14,009
Cons. By households and other consumers	1,900	15,024	251	407,800	232	1,698	55,891	6,060	488,856
Households	1,387	10,912	154	169,326	151	1,214	35,885	3,651	222,680
Agriculture	100	1,123	-	131,967	-	55	8,971	-	142,216
Other consumers	413	2,989	97	106,507	81	429	11,035	2,409	123,960

Electricity Balance Sheet by Country for 2011
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	829	872	7,067	136,028	-	3,309	33,782	4,684	186,571
Imports	2,732	-	20	8,441	-	721	274	-	12,188
Exports	-	-	-5,268	-	-	-31	-	-	-5,299
Total Primary Energy Supply	3,561	872	1,820	144,469	-	3,999	34,056	4,684	193,461
Energy Converted	176	43,189	-	836,978	274	3	61,308	6,916	948,844
Electric Power Plants	176	43,189	-	836,978	274	3	61,308	6,916	948,844
Consumption by Energy Sector	-286	-2,476	-	-57,238	-9	-31	-2,550	-274	-62,864
Losses in Transportation and Distribution	-404	-4,528	-106	-185,193	-15	-1,137	-16,054	-1,338	-208,775
Statistical differences	747	-81	76	-33,587	-	-19	-1	-1	-32,866
Final Energy Consumption	2,300	37,138	1,638	772,603	250	2,853	76,761	9,990	903,533
Consumption by industry and construction	600	21,696	1,365	346,469	-	1,084	21,801	3,379	396,394
Other Industry and Construction	600	21,096	1,365	346,469	-	1,084	21,801	3,379	395,794
Consumption by Transport	-	-	-	14,327	-	5	1	-	14,333
Rail	-	-	-	14,327	-	5	-	-	14,332
Cons. By households and other consumers	1,700	16,042	273	411,807	250	1,764	54,959	6,611	493,406
Households	1,145	11,958	160	170,034	162	1,261	35,589	3,928	224,237
Agriculture	100	1,136	2	133,660	-	57	8,548	-	143,503
Other consumers	455	2,948	112	108,113	87	446	10,822	2,682	125,665

Electricity Balance Sheet by Country for 2012
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	878	777	6,827	146,497	-	3,533	34,140	3,459	196,111
Imports	3,071	-	37	5,152	-	793	375	-	9,428
Exports	-	-	-4,890	-	-	-4	-	-	-4,894
Total Primary Energy Supply	3,949	777	1,974	151,649	-	4,322	34,515	3,459	200,645
Energy Converted	144	47,785	-	888,538	297	10	61,716	8,439	1,006,929
Electric Power Plants	144	47,785	-	888,538	297	10	61,716	8,439	1,006,929
Consumption by Energy Sector	-206	-2,914	-120	-57,238	-10	-24	-3,341	-296	-64,149
Losses in Transportation and Distribution	-404	-5,757	-23	-185,306	-16	-1,066	-16,372	-1,192	-210,136
Statistical differences	218	-197	62	12,513	-1	2	-270	2	12,329
Final Energy Consumption	3,265	40,088	1,769	785,130	272	3,240	76,788	10,408	920,960
Consumption by industry and construction	600	22,163	1,462	352,291	-	1,168	22,313	3,528	403,525
Other Industry and Construction	600	22,163	1,462	352,291	-	1,168	22,313	3,528	403,525
Consumption by Transport	-	-	-	14,206	-	8	-	-	14,214
Rail	-	-	-	14,206	-	8	-	-	14,214
Cons. By households and other consumers	2,665	17,925	307	418,633	272	2,064	54,475	6,880	503,221
Households	1,922	13,287	182	171,040	138	1,476	36,116	4,064	228,225
Agriculture	100	1,267	2	140,960	-	67	7,697	-	150,093
Other consumers	643	3,371	123	106,633	134	521	10,662	2,816	124,903

Electricity Balance Sheet by Country for 2013
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	824	894	7,640	175,865	-	3,120	35,927	7,175	231,445
Imports	3,615	-	108	5,598	-	1,072	392	-	10,785
Exports	-	-	-5,648	-	-	-4	-	-	-5,652
Total Primary Energy Supply	4,439	894	2,100	181,463	-	4,188	36,319	7,175	236,578
Energy Converted	218	52,000	1	980,599	313	10	61,865	4,870	1,099,876
Electric Power Plants	218	52,000	1	980,599	313	10	61,865	4,870	1,099,876
Consumption by Energy Sector	-266	-3,183	-176	-81,588	-13	-40	-3,394	-264	-88,924
Losses in Transportation and Distribution	-490	-6,992	-21	-220,257	-16	-745	-16,657	-1,201	-246,379
Statistical differences	879	85	68	-29,838	11	-	-757	25	-29,527
Final Energy Consumption	3,022	42,634	1,836	890,055	273	3,413	78,890	10,555	1,030,678
Consumption by industry and construction	800	23,915	1,519	374,278	-	1,222	23,297	3,590	428,621
Iron and Steel Industry	-	-	-	66,010	-	-	-	-	66,010
Chemical Industry	-	-	-	36,413	-	-	-	-	36,413
Other Industry and Construction	800	23,915	1,519	271,855	-	1,222	23,297	3,590	326,198
Consumption by Transport	-	-	-	15,447	-	6	-	-	15,453
Rail	-	-	-	15,447	-	6	-	-	15,453
Cons. By households and other consumers	2,222	18,719	317	500,330	273	2,185	55,593	6,965	586,604
Households	1,634	14,265	193	207,237	140	1,505	36,717	4,013	265,704
Agriculture	100	1,244	2	160,331	-	89	8,036	-	169,802
Other consumers	488	3,210	122	132,762	133	591	10,840	2,952	151,098

Electricity Balance Sheet by Country for 2014
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	895	588	7,003	165,455	-	3,498	36,518	4,562	218,519
Imports	3,710	-	187	4,998	-	1,318	428	-	10,641
Exports	-	-	-4,991	-	-	-3	-	-	-4,994
Total Primary Energy Supply	4,605	588	2,199	170,453	-	4,813	36,946	4,562	224,166
Energy Converted	-620	45,390	-137	832,225	293	-755	46,256	6,153	928,806
Electric Power Plants	154	55,108	1	1,111,341	327	10	68,390	7,986	1,243,317
Consumption by Energy Sector	-274	-3,351	-114	-37,566	-18	-15	-3,801	-407	-45,546
Losses in Transportation and Distribution	-500	-6,367	-24	-241,550	-16	-750	-18,333	-1,426	-268,965
Statistical differences	-556	-12,658	-79	-224,765	-1,370	-33,057	5,175	1,644	-265,667
Final Energy Consumption	3,767	48,918	2,004	948,327	1,629	36,350	55,893	7,239	1,104,127
Consumption by industry and construction	800	26,681	1,661	398,843	1,252	25,510	3,758	-	458,505
Iron and Steel Industry	-	-	-	73,754	-	-	-	-	73,754
Chemical Industry	-	-	-	40,663	-	-	-	-	40,663
Other Industry and Construction	800	26,681	1,661	284,426	1,252	25,510	3,758	-	344,088
Consumption by Transport	-	-	-	16,177	-	6	-	-	16,183
Rail	-	-	-	16,177	-	6	-	-	16,183
Cons. By households and other consumers	2,967	22,237	343	533,307	377	10,834	52,135	7,239	629,439
Households	2,205	17,191	211	217,405	150	1,571	40,390	4,046	283,169
Agriculture	110	1,513	2	168,913	83	8,683	-	-	179,304
Other consumers	652	3,533	130	146,989	145	580	11,745	3,193	166,966

Electricity Balance Sheet by Country for 2015
(Million Kilowatt hours)

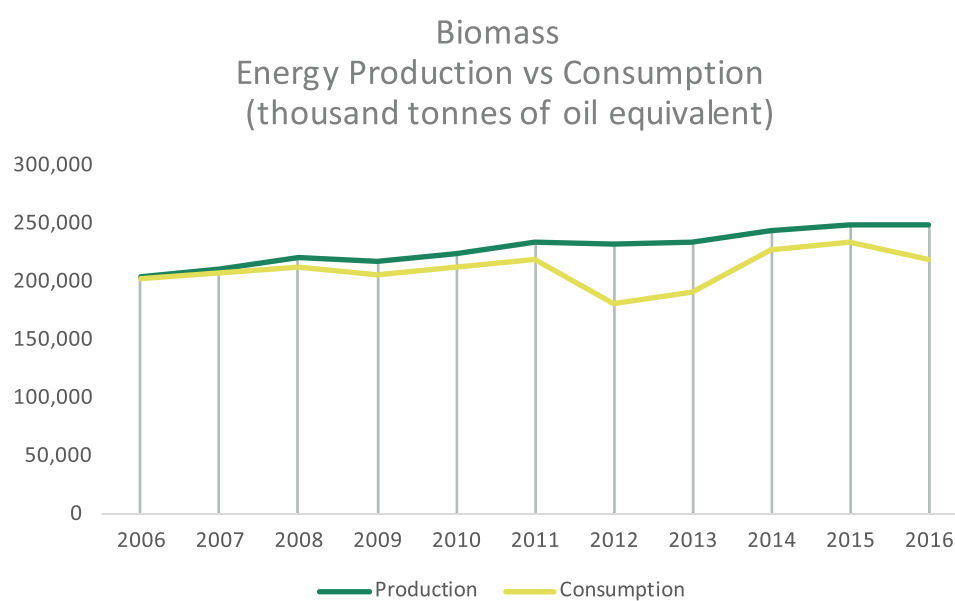
	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	890	566	7,748	158,960	-	3,496	38,515	5,970	216,145
Imports	3,779	-	125	5,244	-	1,758	437	-	11,343
Exports	-	-	-5,722	-	-	-3	-	-	-5,725
Total Primary Energy Supply	4,669	566	2,151	164,204	-	5,251	38,952	5,970	221,763
Energy Converted	-760	48,453	-128	838,172	345	-1,354	52,098	5,369	942,195
Electric Power Plants	145	58,287	1	1,158,338	387	-	75,009	6,855	1,299,022
Consumption by Energy Sector	-305	-3,315	-111	-79,302	-24	-39	-3,846	-561	-87,503
Losses in Transportation and Distribution	-600	-6,519	-18	-240,864	-18	-1,315	-19,065	-925	-269,324
Statistical differences	-884	-9,385	-163	-346,870	-148	-10,566	-15,146	1,992	-381,170
Final Energy Consumption	3,888	48,570	2,057	1,029,080	451	13,109	83,285	7,861	1,188,301
Consumption by industry and construction	900	27,035	1,636	451,412	-	1,210	27,363	-	509,556
Iron and Steel Industry	-	-	-	69,345	-	-	-	-	69,345
Chemical Industry	-	-	-	39,372	-	-	-	-	39,372
Other Industry and Construction	900	27,035	1,636	342,695	-	1,210	27,363	3,880	404,719
Consumption by Transport	-	-	-	16,594	-	6	-	-	16,600
Rail	-	-	-	16,594	-	6	-	-	16,600
Cons. By households and other consumers	2,988	21,535	421	561,074	451	11,893	55,922	7,861	662,145
Households	2,220	16,397	223	238,876	175	1,967	43,324	4,445	307,627
Agriculture	111	1,443	2	173,185	101	9,314	-	-	184,156
Other consumers	657	3,695	196	149,013	175	612	12,598	3,416	170,362

Electricity Balance Sheet by Country for 2016
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	926	566	7,952	160,423	-	4,237	39,182	4,221	217,507
Imports	4,400	-	84	5,617	-	2,175	496	-	12,772
Exports	-	-	-5,764	-6,710	-	-3	-	-	-12,477
Total Primary Energy Supply	5,326	566	2,272	159,330	-	6,409	39,678	4,221	217,802
Energy Converted	-520	53,119	-266	939,446	588	-1,481	53,184	8,092	1,052,163
Electric Power Plants	150	63,591	-	1,188,280	639	-	81,268	9,721	1,343,649
Consumption by Energy Sector	-70	-3,614	-	-	-31	-48	-4,502	-631	-8,896
Losses in Transportation and Distribution	-600	-6,858	-266	-248,834	-20	-1,433	-23,582	-997	-282,590
Statistical differences	-230	-9,732	-268	-183,014	-56	-1,478	-30,751	2,118	-223,412
Final Energy Consumption	4,366	52,945	2,009	1,032,956	593	4,925	95,529	8,566	1,201,889
Consumption by industry and construction	900	29,470	1,548	327,111	35	1,735	24,010	-	384,809
Iron and Steel Industry	-	-	-	5,686	-	-	-	-	5,686
Chemical Industry	-	-	-	3,677	-	-	-	-	3,677
Other Industry and Construction	900	29,470	1,548	317,748	35	1,735	24,010	4,149	379,595
Consumption by Transport	-	-	-	17,217	-	7	-	-	17,224
Rail	-	-	-	17,217	-	7	-	-	17,224
Cons. By households and other consumers	3,466	23,475	460	688,628	558	3,183	71,519	8,566	799,856
Households	2,730	17,874	237	259,311	187	2,305	48,698	4,844	336,186
Agriculture	106	1,573	2	195,473	-	113	9,221	-	206,489
Other consumers	630	4,028	221	233,844	371	765	13,600	3,723	257,181

Biomass Energy Balance Sheet of SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Production of Primary Energy	204,972	210,760	220,870	217,075	224,366	233,888	231,896	236,113	243,587	249,670	245,805
Imports	1	23	43	44	65	63	5	5	5	-	-
Exports	-5	-6	-22	-19	-24	-22	-	-	-	-	-
Total Primary Energy Supply	204,969	210,777	220,891	217,100	224,408	233,929	231,901	236,118	243,592	249,670	245,805
Energy Converted	-2,573	-2,526	-8,822	-10,635	-12,203	-14,536	-29,165	-10,542	-15,641	-21,981	-46,876
Electric Power Plants	-1,103	-1,104	-6,766	-8,577	-10,139	-12,454	-18,739	-5,311	-10,668	-10,990	-23,449
Other Conversion Industries	-1,470	-1,421	-2,056	-2,057	-2,064	-2,081	-10,427	-5,231	-4,973	-10,990	-23,427
Statistical differences	-2	1,078	8	9	4	11	-	158	-2,266	-8,536	-8,870
Final Energy Consumption	202,398	207,173	212,061	206,456	212,201	219,383	270,736	212,551	230,217	236,224	216,347
Consumption by industry and construction	43,359	45,655	48,853	41,141	44,787	50,040	35,465	52,641	54,393	55,766	51,459
Other Industry and Construction	43,359	45,655	48,853	41,141	44,787	50,040	35,465	52,641	54,393	55,766	51,459
Cons. By households and other consumers	159,039	161,518	163,208	165,315	167,414	169,342	235,270	159,910	175,824	180,459	156,340
Households	151,692	154,017	154,775	156,788	158,800	160,646	162,754	159,910	166,922	171,024	149,105
Other consumers	7,347	7,500	8,433	8,527	8,614	8,696	7,570	7,764	8,902	9,435	7,234



Biomass Energy Balance Sheet by Country for 2006
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	321	13,830	987	171,826	3	3,699	11,554	2,752	204,972
Imports	-	-	-	-	-	-	-	1	1
Exports	-	-	-	-2	-	-	-	-2	-4
Total Primary Energy Supply	321	13,830	987	171,824	3	3,699	11,554	2,751	204,969
Energy Converted	-125	-189	-13	-2,161	-	-45	-40	-1	-2,574
Electric Power Plants	-	-	-	-1,103	-	-	-	-	-1,103
Other Conversion Industries	-125	-189	-13	-1,058	-	-45	-40	-1	-1,471
Statistical differences	-	-	-	-	-	-	-	-2	-2
Final Energy Consumption	197	13,641	974	169,663	3	3,654	11,514	2,752	202,398
Consumption by industry and construction	-	86	-	39,832	-	201	2,306	934	43,359
Other Industry and Construction	-	86	-	39,832	-	201	2,306	934	43,359
Cons. By households and other consumers	197	13,555	974	129,831	3	3,453	9,209	1,817	159,039
Households	197	13,344	970	122,768	3	3,383	9,209	1,818	151,692
Other consumers	-	211	4	7,063	-	70	-	-	7,348

Biomass Energy Balance Sheet by Country for 2007
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	328	13,834	999	176,834	3	3,709	12,399	2,653	210,759
Imports	-	-	19	-	-	-	-	3	22
Exports	-	-	-3	-2	-	-	-	-1	-6
Total Primary Energy Supply	328	13,834	1,016	176,832	3	3,709	12,399	2,655	210,776
Energy Converted	-62	-191	-13	-2,170	1	-46	-44	-1	-2,526
Electric Power Plants	-	-	-	-1,104	-	-	-	-	-1,104
Other Conversion Industries	-62	-191	-13	-1,066	1	-46	-44	-1	-1,422
Statistical differences	-	-	-	1,078	-	-	-	1	1,079
Final Energy Consumption	266	13,643	1,003	173,585	4	3,663	12,355	2,653	207,172
Consumption by industry and construction	-	100	-	41,891	-	203	2,566	895	45,655
Other Industry and Construction	-	100	-	41,891	-	203	2,566	895	45,655
Cons. By households and other consumers	266	13,543	1,003	131,694	4	3,460	9,789	1,758	161,517
Households	266	13,330	999	124,482	4	3,390	9,789	1,758	154,018
Other consumers	-	213	4	7,212	-	71	-	-	7,500

Biomass Energy Balance Sheet by Country for 2008
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	335	13,865	1,012	185,427	3	3,726	12,898	3,603	220,869
Imports	-	-	33	1	-	-	-	8	42
Exports	-	-	-6	-17	-	-	-	-	-23
Total Primary Energy Supply	335	13,865	1,039	185,412	4	3,726	12,898	3,612	220,891
Energy Converted	-63	-189	-4	-8,472	1	-46	-45	-4	-8,822
Electric Power Plants	-	-	-	-6,762	-	-	-	-4	-6,766
Other Conversion Industries	-63	-189	-4	-1,710	1	-46	-45	-	-2,056
Statistical differences	-	-	-	-	-	-	-	8	8
Final Energy Consumption	272	13,677	1,035	176,940	4	3,680	12,853	3,599	212,060
Consumption by industry and construction	-	65	-	44,601	-	203	2,948	1,036	48,853
Other Industry and Construction	-	65	-	44,601	-	203	2,948	1,036	48,853
Cons. By households and other consumers	272	13,612	1,035	132,339	4	3,476	9,906	2,564	163,208
Households	272	13,392	1,031	124,203	4	3,403	9,906	2,564	154,775
Other consumers	-	220	4	8,135	-	73	-	-	8,432

Biomass Energy Balance Sheet by Country for 2009
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	342	13,916	1,025	182,292	3	3,730	12,055	3,712	217,075
Imports	-	-	33	2	-	-	-	9	44
Exports	-	-	-6	-14	-	-	-	-	-20
Total Primary Energy Supply	342	13,916	1,052	182,280	4	3,730	12,055	3,720	217,099
Energy Converted	-65	-191	-4	-10,271	1	-47	-42	-17	-10,636
Electric Power Plants	-	-	-	-8,560	-	-	-	-17	-8,577
Other Conversion Industries	-65	-191	-4	-1,710	1	-47	-42	-	-2,058
Statistical differences	-	-	-	-	-	-	-	9	9
Final Energy Consumption	278	13,726	1,048	172,010	4	3,684	12,013	3,694	206,457
Consumption by industry and construction	-	47	-	37,768	-	199	2,061	1,066	41,141
Other Industry and Construction	-	47	-	37,768	-	199	2,061	1,066	41,141
Cons. By households and other consumers	278	13,679	1,048	134,242	4	3,485	9,952	2,628	165,316
Households	278	13,456	1,043	126,016	4	3,411	9,952	2,628	156,788
Other consumers	-	222	5	8,226	-	74	-	-	8,527

Biomass Energy Balance Sheet by Country for 2010
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	352	14,000	1,038	189,091	3	3,703	12,337	3,841	224,365
Imports	-	-	50	1	-	3	-	10	64
Exports	-	-	-10	-1	-	-	-	-	-11
Total Primary Energy Supply	352	14,000	1,078	189,079	4	3,706	12,337	3,852	224,408
Energy Converted	-67	-193	-4	-11,825	1	-48	-43	-24	-12,203
Electric Power Plants	-	-	-	-10,115	-	-	-	-24	-10,139
Other Conversion Industries	-67	-193	-4	-1,710	1	-48	-43	-	-2,064
Statistical differences	-	-	-	-	-	-7	-	10	3
Final Energy Consumption	285	13,808	1,074	177,253	4	3,665	12,294	3,817	212,200
Consumption by industry and construction	-	56	-	41,113	-	199	2,274	1,145	44,787
Other Industry and Construction	-	56	-	41,113	-	199	2,274	1,145	44,787
Cons. By households and other consumers	285	13,752	1,074	136,141	4	3,466	10,020	2,672	167,414
Households	285	13,527	1,072	127,828	4	3,391	10,020	2,673	158,800
Other consumers	-	224	2	8,313	-	75	-	-	8,614

Biomass Energy Balance Sheet by Country for 2011
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	355	14,073	1,050	197,969	3	3,694	12,906	3,839	233,889
Imports	-	-	50	1	-	-	-	11	62
Exports	-	-	-	-21	-	-	-	-	-21
Total Primary Energy Supply	355	14,073	1,099	197,949	4	3,694	120,906	3,850	341,930
Energy Converted	-69	-194	-17	-14,141	1	-49	-44	-23	-14,536
Electric Power Plants	-	-	-	-12,431	-	-	-	-23	-12,454
Other Conversion Industries	-69	-194	-17	-1,710	1	-49	-44	-	-2,082
Statistical differences	-	-	-	-	-	-	-	11	11
Final Energy Consumption	286	13,879	1,082	183,808	4	3,645	12,862	3,816	219,382
Consumption by industry and construction	-	65	-	45,774	-	205	2,779	1,217	50,040
Other Industry and Construction	-	65	-	45,774	-	205	2,779	1,217	50,040
Cons. By households and other consumers	286	13,814	1,082	138,033	4	3,440	10,083	2,599	169,341
Households	286	13,588	1,080	129,641	4	3,365	10,083	2,599	160,646
Other consumers	-	226	2	8,392	-	76	-	-	8,696

Biomass Energy Balance Sheet by Country for 2012
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	364	13,638	-	193,260	3	7,609	13,246	3,775	231,896
Imports	-	-	-	-	-	5	-	-	5
Exports	-	-	-	-	-	-	-	-	-
Total Primary Energy Supply	364	13,638	-	193,260	3	7,614	13,246	3,775	231,901
Energy Converted	-	-	-	-10,410	-	-	-	-16	-10,427
Electric Power Plants	-	-	-	-5,205	-	-	-	-	-5,205
Other Conversion Industries	-	-	-	-5,205	-	-	-	-16	-5,222
Statistical differences	153	2,885	-1,024	11,304	1	1,040	98	1,231	15,687
Final Energy Consumption	210	10,754	1,024	171,546	2	6,574	13,148	2,528	205,787
Consumption by industry and construction	-	56	-	32,003	-	346	3,038	23	35,465
Other Industry and Construction	-	56	-	32,003	-	346	3,038	23	35,465
Cons. By households and other consumers	210	10,698	1,024	139,543	2	6,229	10,110	2,505	170,322
Households	210	10,474	1,024	132,254	2	6,173	10,110	2,505	162,754
Other consumers	-	223	-	7,289	-	56	-	-	7,568

Biomass Energy Balance Sheet by Country for 2013
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	370	13,710	-	196,341	3	8,645	13,322	3,721	236,113
Imports	-	-	-	-	-	5	-	-	5
Exports	-	-	-	-	-	-	-	-	-
Total Primary Energy Supply	370	13,710	-	196,341	4	8,650	13,322	3,721	236,118
Energy Converted	-	-	-	-10,518	-	-	-	-24	-10,542
Electric Power Plants	-	-	-	-5,304	-	-	-	-8	-5,311
Other Conversion Industries	-	-	-	-5,215	-	-	-	-16	-5,231
Statistical differences	158	-	-	-	-	-	-	-	158
Final Energy Consumption	213	10,566	1,036	176,410	2	7,427	13,223	3,675	212,551
Consumption by industry and construction	-	65	-	47,849	-	389	3,077	1,260	52,641
Other Industry and Construction	-	65	-	47,849	-	389	3,077	1,260	52,641
Cons. By households and other consumers	213	10,501	1,036	128,560	2	7,038	10,146	2,415	159,910
Households	213	10,501	1,036	128,560	2	7,038	10,146	2,415	159,910
Other consumers	-	225	2	7,481	-	56	-	-	7,764

Biomass Energy Balance Sheet by Country for 2014
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	377	13,878	1,086	200,365	3	10,132	13,959	3,786	243,587
Imports	-	-	-	-	-	5	-	-	5
Exports	-	-	-	-	-	-	-	-	-
Total Primary Energy Supply	377	13,878	1,086	200,365	3	10,137	13,959	3,786	243,592
Energy Converted	-162	-158	-36	-14,760	-1	-408	-104	-12	-15,641
Electric Power Plants	-	-	-	-10,656	-	-	-	-12	-10,668
Other Conversion Industries	-162	-158	-36	-4,104	-1	-408	-104	-	-4,973
Statistical differences	-	4	1	-2,076	-	-143	-42	-10	-2,266
Final Energy Consumption	215	13,715	1,049	187,681	2	9,871	13,897	3,785	230,217
Consumption by industry and construction	-	64	-	48,909	-	431	3,649	1,340	54,393
Other Industry and Construction	-	64	-	48,909	-	431	3,649	1,340	54,393
Cons. By households and other consumers	215	13,651	1,049	138,772	2	9,440	10,248	2,445	175,824
Households	215	13,651	1,047	129,928	2	9,439	10,193	2,445	166,922
Other consumers	-	-	2	8,844	-	1	55	-	8,902

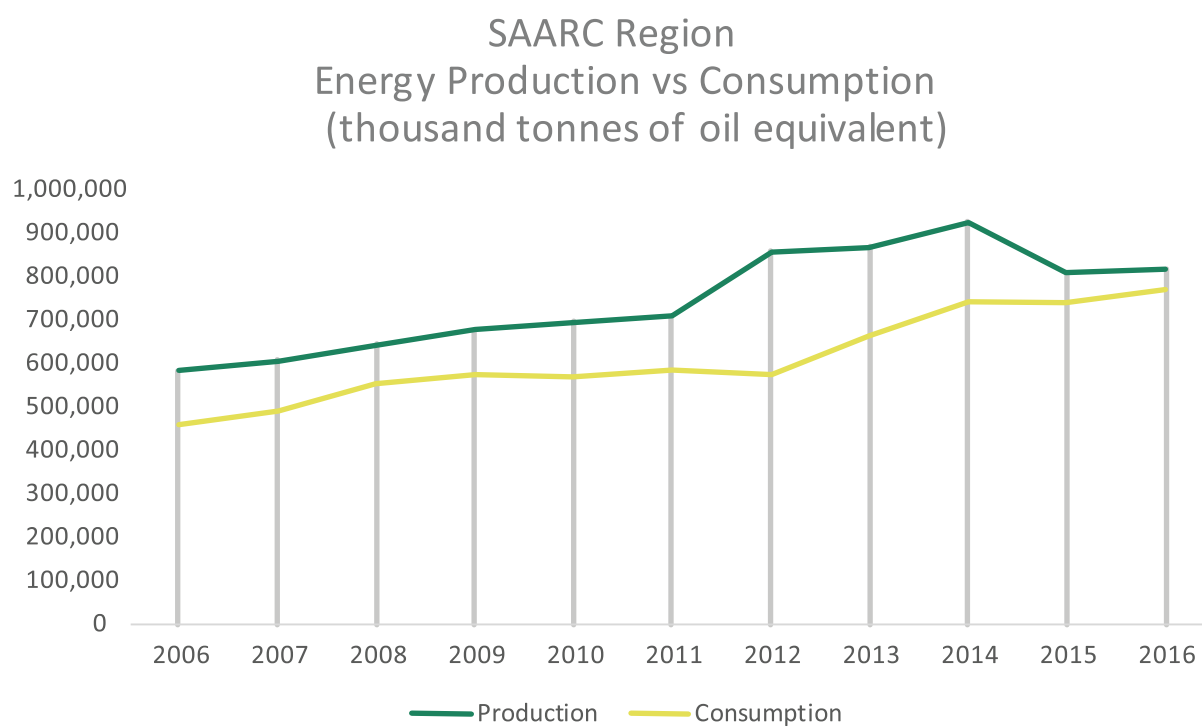
Biomass Energy Balance Sheet by Country for 2015
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	391	14,147	1,116	206,064	4	9,955	14,221	3,771	249,670
Imports	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-
Total Primary Energy Supply	391	14,147	1,116	206,064	4	9,955	14,221	3,771	249,670
Energy Converted	-	-	-	-21,946	-	-	-	-35	-21,981
Electric Power Plants	-	-	-	-10,973	-	-	-	-17	-10,990
Other Conversion Industries	-	-	-	-10,973	-	-	-	-17	-10,990
Statistical differences	170	206	9	-9,011	1	17	107	-35	-8,536
Final Energy Consumption	221	13,941	1,107	193,128	3	9,939	14,114	3,771	236,224
Consumption by industry and construction	-	42	-	50,173	-	482	3,667	1,402	55,766
Other Industry and Construction	-	42	-	50,173	-	482	3,667	1,402	55,766
Cons. By households and other consumers	221	13,899	1,107	142,955	3	9,457	10,447	2,369	180,459
Households	221	13,665	1,105	133,816	3	9,398	10,447	2,369	171,024
Other consumers	-	234	2	9,140	-	59	-	-	9,435

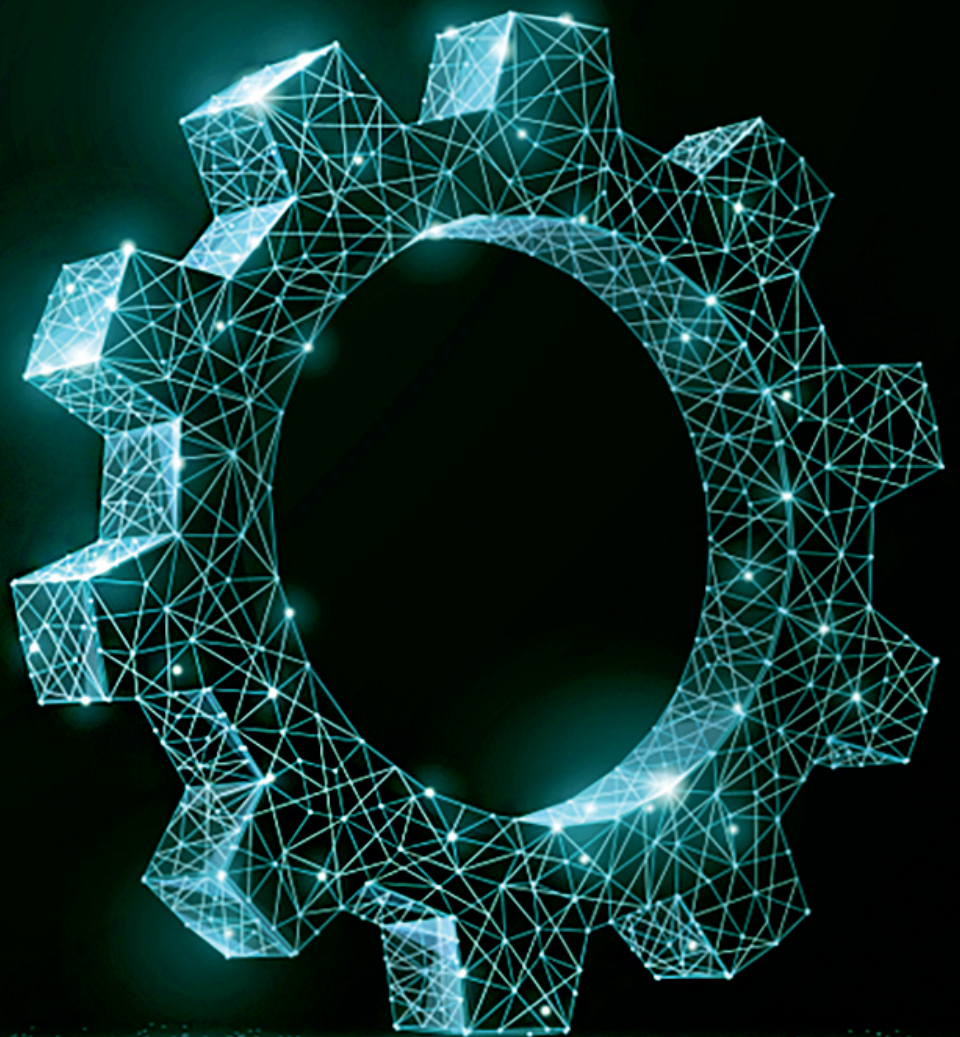
Biomass Energy Balance Sheet by Country for 2016

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	398	14,177	1,125	202,737	4	9,709	14,011	3,644	245,805
Imports	-	-	-	-	-	-	-	-	-
Exports	-	-	-	-	-	-	-	-	-
Total Primary Energy Supply	398	14,177	1,125	202,737	4	9,709	14,011	3,644	245,805
Energy Converted	-	-	-	-46,855	-	-	-	-22	-46,876
Electric Power Plants	-	-	-	-23,427	-	-	-	-22	-23,449
Other Conversion Industries	-	-	-	-23,427	-	-	-	-	-23,427
Statistical differences	174	210	9	-9,375	1	22	110	-22	-8,870
Final Energy Consumption	224	13,968	1,116	165,257	3	9,687	13,901	3,644	207,799
Consumption by industry and construction	-	45	-	46,497	-	141	3,373	1,402	51,459
Other Industry and Construction	-	45	-	46,497	-	141	3,373	1,402	51,459
Cons. By households and other consumers	224	13,923	1,116	118,760	3	9,545	10,527	2,242	156,340
Households	224	13,691	1,114	111,813	3	9,493	10,527	2,242	149,105
Other consumers	-	232	2	6,947	-	53	-	-	7,234



PART II
ENERGY
PRODUCTION
AND SUPPLY

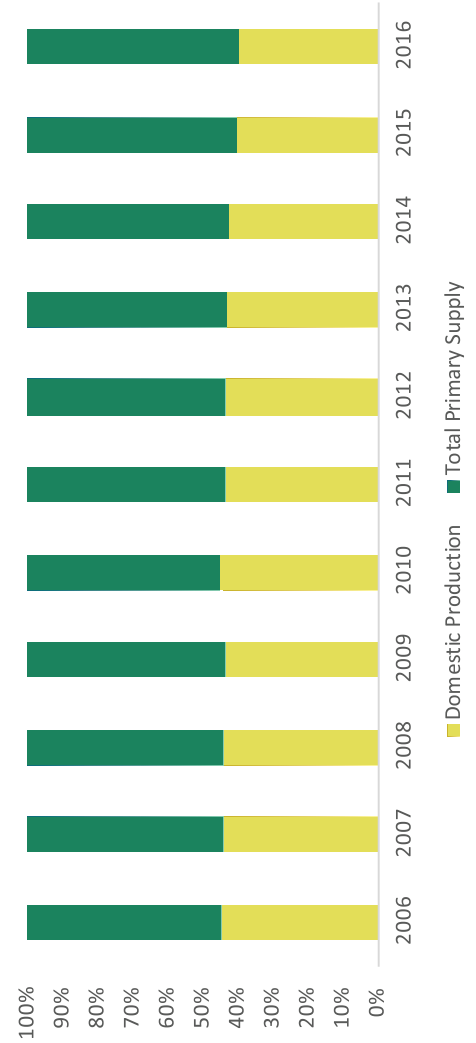


Domestic energy Production in SAARC Region

(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	404	557	761	882	1,045	1,590	1,451	1,526	1,643	1,457	1,691
Bangladesh	27,672	28,617	29,835	31,187	32,537	32,845	37,792	37,063	40,852	43,410	46,177
Bhutan	1,436	1,626	1,685	1,650	1,718	1,721	1,763	1,850	1,772	1,835	1,881
India	497,296	519,612	551,891	584,822	602,485	612,239	744,688	760,744	805,342	680,538	689,733
Maldives	3	3	3	3	3	3	29	29	32	37	59
Nepal	3,944	3,954	3,973	4,003	3,985	3,985	7,911	8,412	10,443	10,268	10,087
Pakistan	50,220	51,772	52,005	51,709	52,181	54,161	60,665	54,973	60,799	66,996	67,649
Sri Lanka	3,144	2,987	3,954	4,040	4,323	4,235	4,782	4,732	4,890	4,908	4,879
Total SAARC Region	584,118	609,127	644,107	678,295	698,278	710,779	858,957	869,200	925,772	809,449	822,155

SAARC Region Domestic Production vs Primary Supply (thousand tonnes of oil equivalent)



Domestic Energy Production in SAARC Region for 2006

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	24	-	4	55	321	404
Bangladesh	149	99	13,477	117	13,830	27,672
Bhutan	67	-	-	382	987	1,436
India	252,563	38,132	23,581	11,913	171,826	498,015
Maldives	-	-	-	-	3	3
Nepal	14	-	-	231	3,699	3,944
Pakistan	1,692	3,670	30,412	2,892	11,554	50,220
Sri Lanka	-	-	-	392	2,752	3,144
Total SAARC Region	254,509	41,901	67,474	15,982	204,972	584,838

Domestic Energy Production in SAARC Region for 2007

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	167	-	4	58	328	557
Bangladesh	191	89	14,386	118	13,834	28,618
Bhutan	72	-	-	554	999	1,625
India	268,131	37,896	25,133	11,618	176,834	519,612
Maldives	-	-	-	-	3	3
Nepal	10	-	-	235	3,709	3,954
Pakistan	1,916	3,794	30,979	2,685	12,399	51,773
Sri Lanka	-	-	-	334	2,653	2,987
Total SAARC Region	270,487	41,779	70,502	15,602	210,759	609,129

Domestic Energy Production in SAARC Region for 2008

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	239	-	142	46	335	762
Bangladesh	412	103	15,374	80	13,865	29,834
Bhutan	85	-	-	588	1,012	1,685
India	288,103	37,391	30,070	10,900	185,427	551,891
Maldives	-	-	-	-	3	3
Nepal	10	-	-	237	3,726	3,973
Pakistan	1,736	3,522	31,365	2,483	12,898	52,004
Sri Lanka	-	-	-	350	3,603	3,953
Total SAARC Region	290,585	41,016	76,951	14,684	220,869	644,105

Domestic Energy Production in SAARC Region for 2009

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	344	-	130	65	342	881
Bangladesh	436	72	16,728	35	13,916	31,187
Bhutan	33	-	-	591	1,025	1,649
India	310,871	37,571	43,484	10,604	182,292	584,822
Maldives	-	-	-	-	3	3
Nepal	10	-	-	262	3,730	4,002
Pakistan	1,617	3,466	31,954	2,617	12,055	51,709
Sri Lanka	-	-	-	330	3,711	4,041
Total SAARC Region	313,311	41,109	92,296	14,504	217,074	678,294

Domestic Energy Production in SAARC Region for 2010

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	499	-	130	65	352	1,046
Bangladesh	378	94	18,003	62	14,000	32,537
Bhutan	60	-	-	619	1,038	1,717
India	311,951	41,747	47,808	11,889	189,091	602,486
Maldives	-	-	-	-	3	3
Nepal	11	-	-	271	3,703	3,985
Pakistan	1,603	3,464	31,802	2,976	12,337	52,182
Sri Lanka	-	-	-	482	3,841	4,323
Total SAARC Region	314,502	45,305	97,743	16,364	224,365	698,279

Domestic Energy Production in SAARC Region for 2011

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	1,018	-	147	70	355	1,590
Bangladesh	443	117	18,139	74	14,073	32,846
Bhutan	75	-	-	597	1,050	1,722
India	317,115	42,088	43,578	11,490	197,969	612,240
Maldives	-	-	-	-	3	3
Nepal	12	-	-	279	3,694	3,985
Pakistan	1,678	3,497	33,226	2,853	12,906	54,160
Sri Lanka	-	-	-	396	3,819	4,215
Total SAARC Region	320,341	45,702	95,090	15,759	233,869	710,761

Domestic Energy Production in SAARC Region for 2012

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	854	-	147	86	364	1451
Bangladesh	575	249	19222	4108	13638	37792
Bhutan	122	-		578	1063	1763
India	384109	42434	37302	87583	193260	744688
Maldives	-	-	-	25	3	29
Nepal	6	-	-	300	7604	7911
Pakistan	1948	3940	33398	8132	13246	60665
Sri Lanka	-	-	-	1006	3775	4782
Total SAARC Region	387493	46623	90069	101819	232953	858957

Domestic Energy Production in SAARC Region for 2013

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	927	-	142	86	370	1,526
Bangladesh	589	264	20,730	4,487	10,993	37,063
Bhutan	129	-	-	646	1,074	1,850
India	389,558	42,131	31,746	100,968	196,341	760,744
Maldives	-	-	-	26	3	29
Nepal	10	-	-	265	8,138	8,412
Pakistan	1,453	3,761	28,164	8,273	13,322	54,973
Sri Lanka	-	-	-	1,019	3,713	4,732
Total SAARC Region	392,666	46,156	80,782	115,771	233,954	869,329

Domestic Energy Production in SAARC Region for 2014

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	1,045	-	130	90	377	1,643
Bangladesh	652	261	21,260	4,802	13,878	40,852
Bhutan	84	-	-	602	1,086	1,772
India	421,692	40,684	30,059	112,542	200,365	805,342
Maldives	-	-	-	28	3	32
Nepal	10	-	-	302	10,132	10,443
Pakistan	2,445	4,283	31,057	9,055	13,959	60,799
Sri Lanka	-	-	-	1,103	3,786	4,890
Total SAARC Region	425,927	45,228	82,506	128,524	243,587	925,772

Domestic Energy Production in SAARC Region for 2015

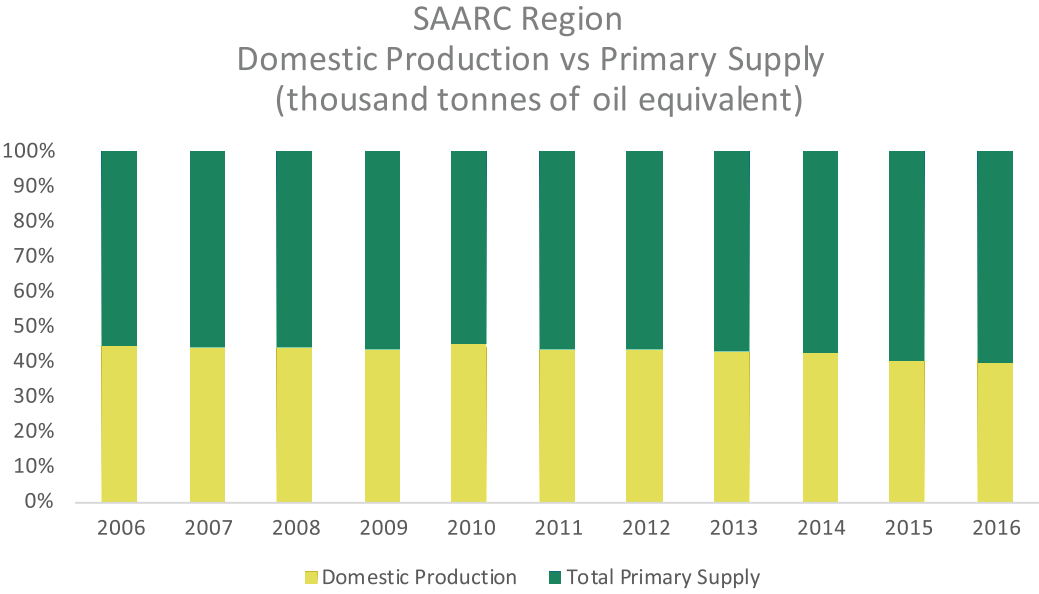
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	841	-	136	89	391	1,457
Bangladesh	337	311	23,541	5,073	14,147	43,410
Bhutan	52	-	-	666	1,116	1,835
India	287,380	41,564	29,097	116,434	206,064	680,538
Maldives	-	-	-	34	4	37
Nepal	12	-	-	301	9,955	10,268
Pakistan	1,683	4,620	36,579	9,893	14,221	66,996
Sri Lanka	-	-	-	1,137	3,771	4,908
Total SAARC Region	290,305	46,496	89,353	133,626	249,670	809,450

Domestic Energy Production in SAARC Region for 2016

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	1,046	-	154	93	398	1,691
Bangladesh	450	339	25,680	5,530	14,177	46,177
Bhutan	73	-	-	684	1,125	1,881
India	292,808	41,707	29,343	123,137	202,737	689,733
Maldives	-	-	-	55	4	59
Nepal	13	-	-	365	9,709	10,087
Pakistan	1,870	4,845	36,340	10,584	14,011	67,649
Sri Lanka	-	-	-	1,235	3,644	4,879
Total SAARC Region	296,260	46,890	91,517	141,682	245,805	822,155



Total Primary Energy Supply in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	837	1,058	1,828	2,687	3,280	4,484	1,592	1,903	3,789	1,896	2,126
Bangladesh	33,513	33,894	34,393	35,722	37,435	37,950	40,299	37,883	42,354	41,658	43,904
Bhutan	1,156	1,207	1,258	1,290	1,378	1,400	578	-	19,066	1,350	1,383
India	607,501	644,377	696,843	744,788	745,180	783,343	985,059	1,022,021	1,064,478	1,060,642	1,085,560
Maldives	287	297	334	352	355	365	29	3	1,003	4	4
Nepal	4,734	4,756	4,889	5,139	5,334	5,340	8,160	10,556	16,295	10,979	10,869
Pakistan	67,434	71,169	70,989	70,571	71,903	73,167	70,660	62,625	90,161	71,046	74,021
Sri Lanka	6,902	6,890	7,723	8,124	8,457	8,936	6,896	10,361	9,176	7,223	7,226
Total SAARC Region	724,370	765,655	820,265	870,682	875,332	916,996	1,113,273	1,145,352	1,246,324	1,194,798	1,225,091

Total Primary Energy Supply in SAARC Region 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	24	-	383	4	105	321	837
Bangladesh	149	-	5,940	13,477	117	13,830	33,513
Bhutan	22	-	72	-	75	987	1,156
India	270,410	2,853	127,408	23,581	11,425	171,824	607,501
Maldives	-	-	283	-	-	3	286
Nepal	178	-	605	-	252	3,699	4,734
Pakistan	4,585	-	17,981	30,408	2,907	11,554	67,435
Sri Lanka	65	1	3,694	-	392	2,751	6,903
Total SAARC Region	275,433	2,854	156,366	67,470	15,273	204,969	722,365

Total Primary Energy Supply in SAARC Region 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	167	27	408	4	124	328	1,058
Bangladesh	191	-	5,367	14,386	118	13,834	33,896
Bhutan	21	-	75	-	96	1,016	1,208
India	294,342	2,569	133,467	25,133	12,035	176,832	644,378
Maldives	-	-	293	-	-	3	296
Nepal	226	-	556	-	266	3,709	4,757
Pakistan	5,989	-	19,101	30,978	2,701	12,399	71,168
Sri Lanka	47	-	3,855	-	334	2,655	6,891
Total SAARC Region	300,983	2,596	163,122	70,501	15,674	210,776	763,652

Total Primary Energy Supply in SAARC Region 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	239	44	953	142	116	335	1,829
Bangladesh	805	-	4,268	15,374	80	13,865	34,392
Bhutan	29	-	74	-	116	1,039	1,258
India	320,600	359	149,031	30,070	11,371	185,412	696,843
Maldives	-	-	330	-	-	4	334
Nepal	212	-	688	-	263	3,726	4,889
Pakistan	4,901	-	19,326	31,361	2,503	12,898	70,989
Sri Lanka	57	-	3,704	-	350	3,612	7,723
Total SAARC Region	326,843	403	178,374	76,947	14,799	220,891	818,257

Total Primary Energy Supply in SAARC Region 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	344	58	1,667	130	149	342	2,690
Bangladesh	847	-	4,196	16,728	35	13,916	35,722
Bhutan	15	-	82	-	141	1,052	1,290
India	341,810	1,473	164,728	43,484	11,013	182,280	744,788
Maldives	-	-	348	-	-	4	352
Nepal	221	-	878	-	310	3,730	5,139
Pakistan	4,797	-	19,131	31,949	2,638	12,055	70,570
Sri Lanka	58	-	4,017	-	330	3,720	8,125
Total SAARC Region	348,092	1,531	195,047	92,291	14,616	217,099	868,676

Total Primary Energy Supply in SAARC Region 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	499	104	1,973	130	222	352	3,280
Bangladesh	888	-	4,482	18,003	62	14,000	37,435
Bhutan	20	-	104	-	176	1,078	1,378
India	344,519	504	150,958	47,808	12,313	189,079	745,181
Maldives	-	-	352	-	-	4	356
Nepal	347	-	954	-	327	3,706	5,334
Pakistan	4,516	-	20,267	31,784	2,998	12,337	71,902
Sri Lanka	59	-	4,065	-	482	3,852	8,458
Total SAARC Region	350,848	608	183,155	97,725	16,580	224,408	873,324

Total Primary Energy Supply in SAARC Region 2011

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	1,018	104	2,560	147	301	355	4,485
Bangladesh	897	-	4,767	18,139	74	14,073	37,950
Bhutan	24	-	123	-	154	1,099	1,400
India	374,444	1,156	154,014	43,578	12,202	197,949	783,343
Maldives	-	-	362	-	-	4	366
Nepal	333	-	976	-	338	3,694	5,341
Pakistan	4,448	-	19,717	33,219	2,876	12,906	73,166
Sri Lanka	294	-	4,396	-	396	3,850	8,936
Total SAARC Region	381,458	1,260	186,915	95,083	16,341	233,930	914,987

Total Primary Energy Supply in SAARC Region 2012

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	854	141	5,470	147	86	364	7,062
Bangladesh	1,245	-	3,156	19,927	4,108	13,638	42,075
Bhutan	22	-	136	-	578	1,102	1,838
India	490,762	8,194	203,301	37,302	30,029	193,260	962,849
Maldives	-	-	346	-	25	3	375
Nepal	252	-	13,794	-	300	7,609	21,954
Pakistan	4,504	127	10,067	33,407	8,132	13,246	69,483
Sri Lanka	499	-	2,341	-	1,006	3,775	7,621
Total SAARC Region	498,136	8,462	238,611	90,783	44,265	232,998	1,113,256

Total Primary Energy Supply in SAARC Region 2013

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	927	127	5,408	142	336	370	7,311
Bangladesh	1,358	-	5,594	21,072	535	13,710	42,268
Bhutan	-	114	-	-	180	1,537	1,831
India	509,219	18,980	222,840	32,259	19,305	196,341	998,944
Maldives	-	-	356	-	-	3	359
Nepal	315	-	1,067	-	360	8,047	9,789
Pakistan	4,120	120	24,198	28,611	5,635	13,322	76,006
Sri Lanka	524	-	3,419	-	4,196	616	8,755
Total SAARC Region	516,464	19,340	262,882	82,084	30,547	233,946	1,145,352

Total Primary Energy Supply in SAARC Region 2014

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	1,155	127	3,814	130	390	369	5,985
Bangladesh	1,317	-	5,796	21,943	50	13,878	42,984
Bhutan	68	-	127	-	187	990	1,372
India	575,073	27,025	166,309	44,959	80,906	200,365	1,094,637
Maldives	-	-	372	-	-	4	376
Nepal	4,488	-	1,262	-	408	5,286	11,444
Pakistan	-	50	23,017	31,044	13,099	13,959	81,169
Sri Lanka	1,039	-	3,135	-	385	3,799	8,358
Total SAARC Region	583,140	27,202	203,832	98,076	95,425	238,649	1,246,324

Total Primary Energy Supply in SAARC Region 2015

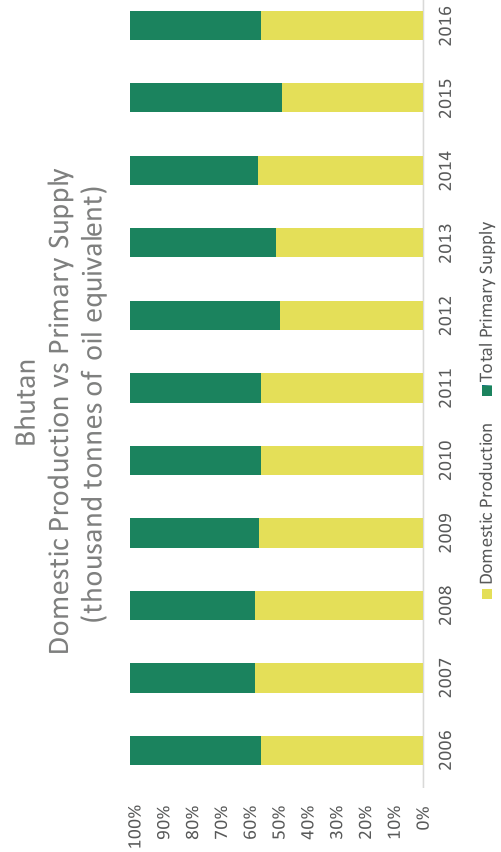
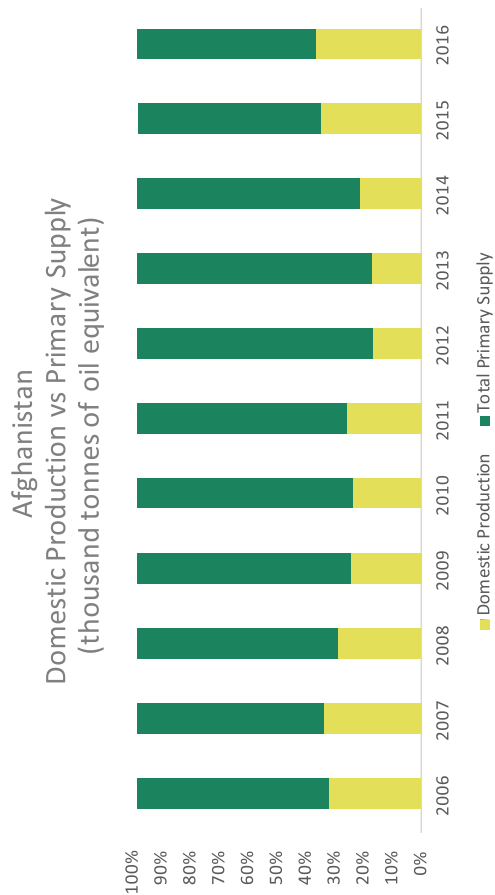
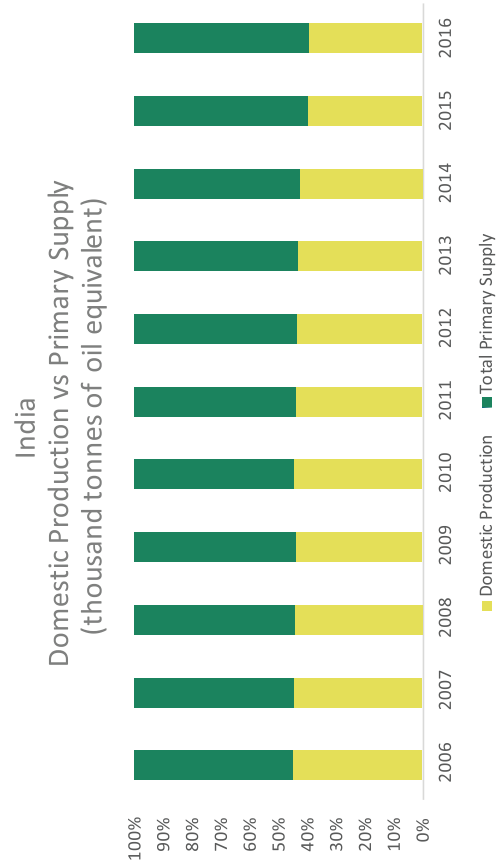
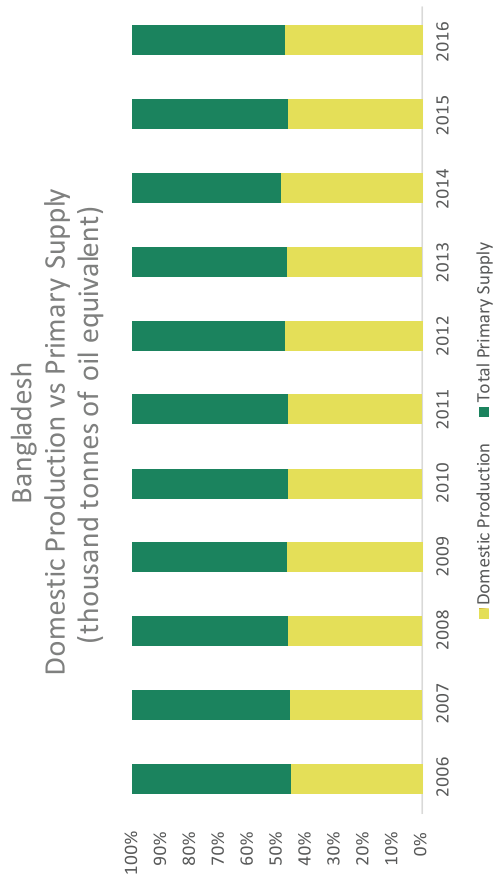
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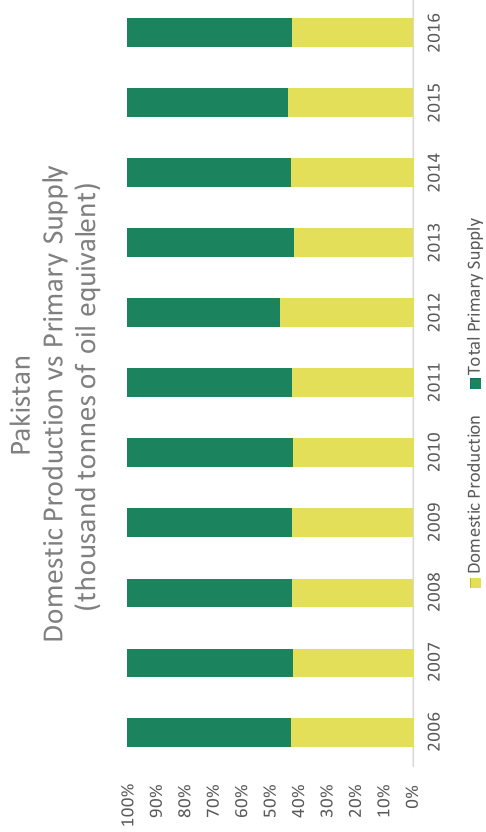
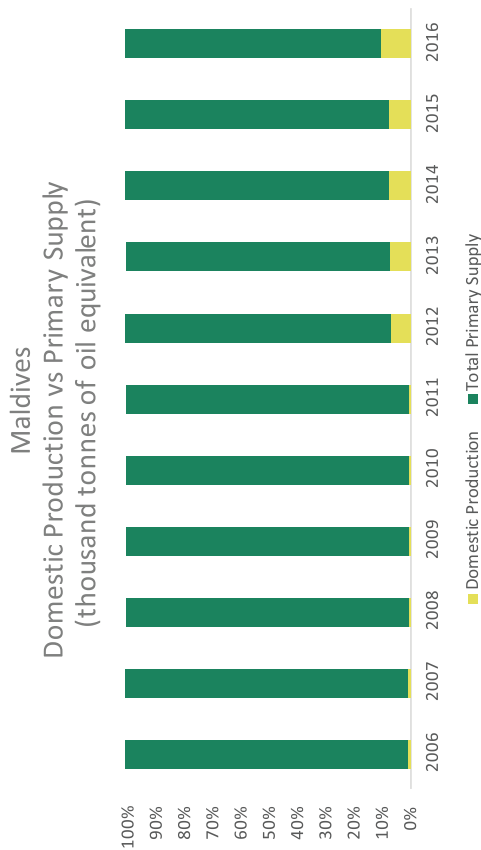
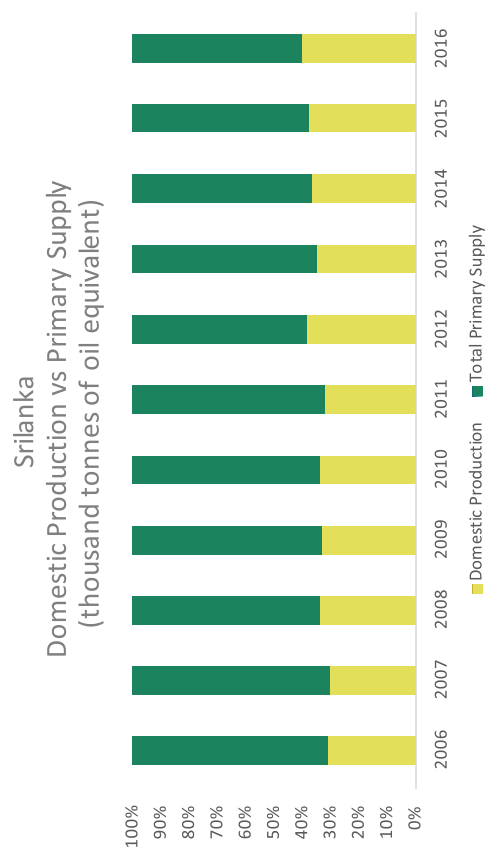
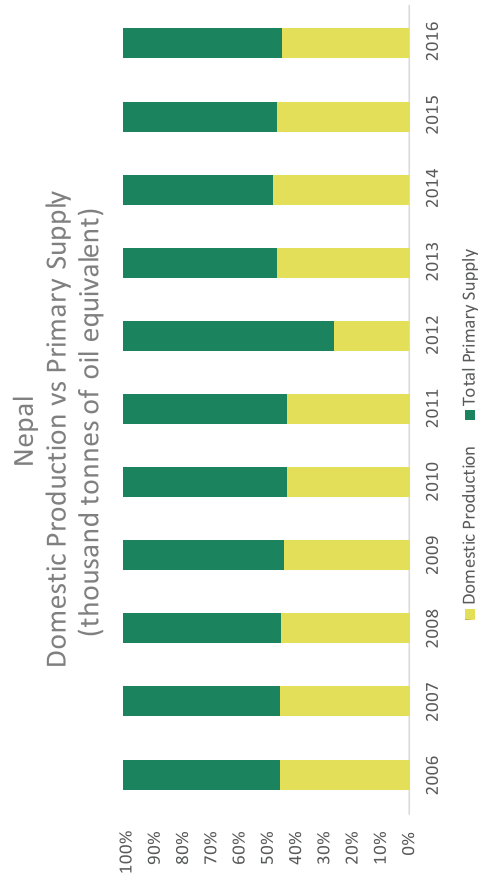
	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	841	126	758	136	401	391	2,654
Bangladesh	2,258	11	8,887	25,107	49	14,147	50,459
Bhutan	49	-	612	-	185	1,116	1,962
India	512,884	19,688	228,594	51,474	14,116	206,064	1,032,821
Maldives	-	-	433	-	-	4	437
Nepal	572	-	957	-	451	9,955	11,936
Pakistan	4,905	189	27,234	36,609	3,349	14,221	86,507
Sri Lanka	1,212	-	2,510	-	513	3,788	8,023
Total SAARC Region	522,721	20,014	269,985	113,326	19,064	249,688	1,194,798

Total Primary Energy Supply in SAARC Region 2016

(Thousand tonnes of oil equivalent)

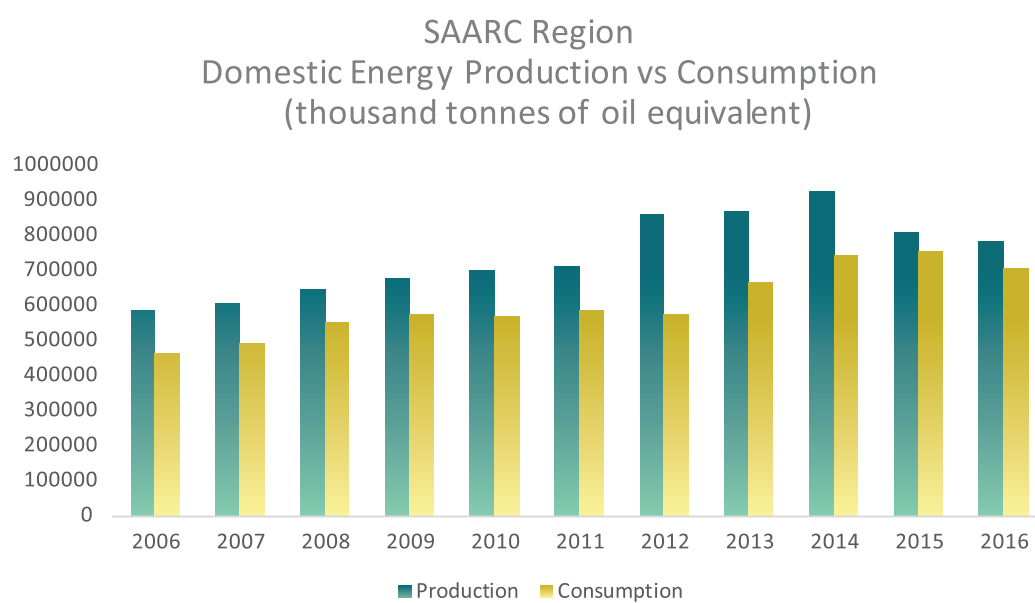
	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	1,046	126	756	154	401	398	2,882
Bangladesh	2,023	-	9,108	25,995	49	14,177	51,352
Bhutan	73	-	-	-	185	1,271	1,528
India	532,250	27,460	233,167	46,480	14,116	202,715	1,056,189
Maldives	-	-	495	-	-	4	499
Nepal	708	-	1,563	-	550	9,709	12,530
Pakistan	6,892	-	11,401	35,833	3,349	33,736	91,210
Sri Lanka	1,458	-	5,162	-	362	1,919	8,901
Total SAARC Region	544,449	27,586	261,652	108,462	19,012	263,929	1,225,091





PART III
ENERGY
CONSUMPTION





Final Energy Consumption in SAARC Region

(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	676	789	1,680	2,201	3,028	4,130	7,049	7,281	3,459	3,172	3,002
Bangladesh	22,316	23,325	24,628	25,685	25,697	26,165	27,998	28,243	29,627	31,628	34,000
Bhutan	1,132	1,181	1,239	1,271	1,330	1,366	1,349	1,388	1,419	1,454	1,487
India	379,151	406,163	463,826	483,104	474,515	486,575	471,263	557,899	632,609	644,423	649,727
Maldives	249	256	283	300	311	317	554	294	371	925	359
Nepal	4,614	4,635	4,763	4,998	5,197	5,195	12,711	10,133	11,907	15,584	12,328
Pakistan	47,777	51,919	51,002	51,375	51,695	53,490	46,940	53,899	51,938	47,401	65,859
Sri Lanka	5,904	5,828	6,684	7,062	7,604	7,603	7,507	7,643	11,852	7,671	9,346
Total SAARC Region	461,819	494,096	554,106	575,996	569,377	584,841	575,372	666,780	743,184	752,258	776,108

Final Energy Consumption in SAARC Region for 2006 (Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	-	-	176	198	-	-	-	105	197	676
Bangladesh	344	-	875	1,873	9	3,410	-	2,165	13,641	22,316
Bhutan	22	-	24	42	5	-	-	65	974	1,132
India	65,397	10,842	21,591	48,633	11,246	3,532	3,847	44,400	169,663	379,151
Maldives	-	-	45	184	-	-	-	17	3	249
Nepal	168	-	231	278	100	-	-	182	3,654	4,613
Pakistan	4,037	27	2,124	7,993	650	15,245	45	6,142	11,514	47,777
Sri Lanka	65	1	865	1,378	182	-	-	662	2,752	5,905
Total SAARC Region	70,033	10,870	25,931	60,579	12,192	22,187	3,892	53,738	202,398	461,819

Final Energy Consumption in SAARC Region for 2007 (Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	-	-	288	110	-	-	-	127	266	791
Bangladesh	344	-	839	2,117	13	4,072	-	2,298	13,643	23,326
Bhutan	21	-	22	46	6	-	-	84	1,003	1,182
India	71,479	10,562	26,712	55,581	12,375	3,225	3,826	48,817	173,585	406,162
Maldives	-	-	43	188	-	-	-	21	4	256
Nepal	226	-	197	254	103	-	-	193	3,663	4,636
Pakistan	5,160	40	2,320	8,694	612	16,470	67	6,200	12,355	51,918
Sri Lanka	47	-	918	1,326	185	-	-	699	2,653	5,828
Total SAARC Region	77,277	10,602	31,339	68,316	13,294	23,767	3,893	58,439	207,172	494,096

Final Energy Consumption in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	197	-	670	272	-	142	-	127	272	1,680
Bangladesh	573	-	876	2,189	44	4,896	-	2,373	13,677	24,628
Bhutan	29	-	18	49	6	-	-	102	1,035	1,239
India	95,861	9,132	29,813	67,458	12,607	13,552	5,118	53,345	176,940	463,826
Maldives	-	-	53	194	11	-	-	21	4	283
Nepal	212	-	156	402	129	-	-	185	3,680	4,763
Pakistan	4,135	111	2,241	8,048	585	16,912	174	5,944	12,853	51,002
Sri Lanka	57	-	870	1,259	193	-	-	707	3,599	6,685
Total SAARC Region	101,064	9,243	34,697	79,871	13,575	35,502	5,292	62,804	212,060	554,106

Final Energy Consumption in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	305	-	852	502	-	130	-	135	278	2,201
Bangladesh	606	-	892	2,248	44	5,558	-	2,612	13,726	25,685
Bhutan	15	-	20	54	7	-	-	127	1,048	1,271
India	101,849	9,499	31,618	73,995	15,498	15,640	5,380	57,617	172,010	483,104
Maldives	-	-	56	204	13	-	-	23	4	300
Nepal	221	-	163	557	156	-	-	217	3,684	4,998
Pakistan	4,469	40	2,664	7,599	591	17,655	63	6,280	12,013	51,374
Sri Lanka	58	-	860	1,552	190	-	-	709	3,694	7,063
Total SAARC Region	107,523	9,539	37,125	86,711	16,499	38,983	5,443	67,720	206,457	575,996

Final Energy Consumption in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	434	-	1,221	755	-	130	-	203	285	3,028
Bangladesh	643	-	927	2,309	44	5,006	-	2,960	13,808	25,697
Bhutan	20	-	23	73	8	-	-	133	1,074	1,330
India	91,183	9,897	32,851	67,898	16,871	14,605	5,305	58,651	177,253	474,514
Maldives	-	-	53	221	13	-	-	20	4	311
Nepal	347	-	179	597	176	-	-	232	3,665	5,196
Pakistan	4,209	40	3,035	7,626	516	17,403	62	6,512	12,294	51,697
Sri Lanka	59	-	987	1,758	205	-	-	778	3,817	7,604
Total SAARC Region	96,895	9,937	39,276	81,237	17,833	37,144	5,367	69,489	212,200	569,377

Final Energy Consumption in SAARC Region for 2011

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	939	-	1,755	808	-	147	-	194	286	4,130
Bangladesh	687	-	968	2,383	44	5,066	-	3,137	13,879	26,165
Bhutan	24	-	26	88	8	-	-	138	1,082	1,366
India	78,687	10,783	33,714	71,424	18,019	19,344	5,538	65,257	183,808	486,574
Maldives	-	-	55	223	14	-	-	21	4	317
Nepal	333	-	189	586	201	-	-	241	3,645	5,195
Pakistan	4,276	26	3,508	7,531	493	18,271	40	6,484	12,862	53,491
Sri Lanka	49	-	895	1,779	220	-	-	844	3,816	7,603
Total SAARC Region	84,995	10,809	41,110	84,822	18,999	42,828	5,578	76,316	219,382	584,841

Final Energy Consumption in SAARC Region for 2012

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	776	127	4,641	872	-	147	-	276	210	7,049
Bangladesh	918	-	638	3,028	22	6,842	-	3,391	13,158	27,998
Bhutan	36	-	27	102	8	-	-	150	1,027	1,349
India	95,751	9,819	34,779	73,709	17,677	19,281	7,252	66,422	146,573	471,263
Maldives	252	-	43	223	11	-	-	23	2	554
Nepal	4,278	-	255	720	222	-	-	274	6,962	12,711
Pakistan	68	23	4,097	7,466	441	18,201	38	6,496	10,110	46,940
Sri Lanka	2	-	936	1,715	238	-	-	881	3,735	7,507
Total SAARC Region	102,081	9,969	45,418	87,834	18,619	44,471	7,290	77,913	181,778	575,372

Final Energy Consumption in SAARC Region for 2013

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	845	127	4,827	872	-	142	-	256	213	7,281
Bangladesh	887	-	609	2,776	21	7,060	-	3,607	13,283	28,243
Bhutan	50	-	27	110	7	-	-	156	1,038	1,388
India	190,155	3,645	30,169	66,713	17,482	13,964	8,325	75,299	152,147	557,899
Maldives	-	-	57	198	13	-	-	23	2	294
Nepal	315	-	280	763	249	-	-	289	8,237	10,133
Pakistan	3,885	24	4,445	7,791	536	17,280	41	6,674	13,223	53,899
Sri Lanka	58	-	943	1,827	247	-	-	893	3,675	7,643
Total SAARC Region	196,194	3,797	41,358	81,050	18,556	38,445	8,366	87,196	191,818	666,780

Final Energy Consumption in SAARC Region for 2014
(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	972	127	816	881	-	130	-	319	215	3,459
Bangladesh	692	-	600	2,891	19	7,569	-	4,138	13,716	29,627
Bhutan	67	-	24	102	8	-	-	170	1,049	1,419
India	224,680	8,973	38,534	65,569	18,801	5,949	4,367	80,228	185,508	632,609
Maldives	-	-	81	248	15	-	-	25	2	371
Nepal	565	-	317	920	276	-	-	295	9,533	11,907
Pakistan	4,219	10	5,071	7,719	601	16,767	17	7,303	10,231	51,938
Sri Lanka	68	-	990	1,872	248	-	-	930	7,744	11,852
Total SAARC Region	231,264	9,110	46,433	80,202	19,968	30,415	4,384	93,409	227,998	743,184

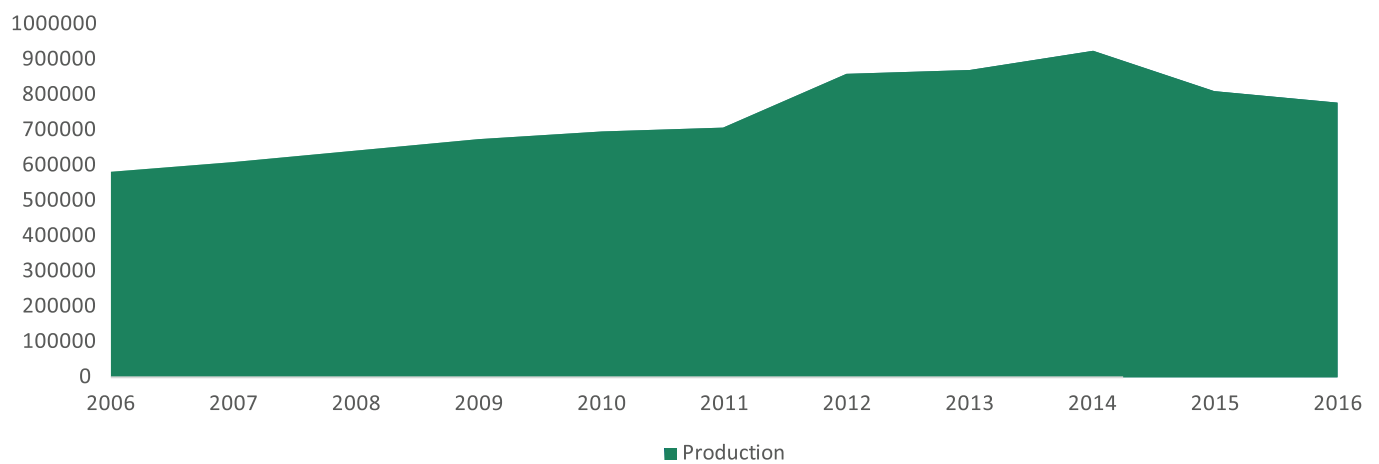
Final Energy Consumption in SAARC Region for 2015
(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Other Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	767	126	977	610	-	-	136	-	334	221	3,172
Bangladesh	1,985	11	273	3,050	-	19	8,408	-	4,175	13,707	31,628
Bhutan	49	-	-	113	-	8	-	-	177	1,107	1,454
India	199,499	3,992	23,177	80,729	16,774	22,011	9,515	9,391	88,468	190,868	644,423
Maldives	15	-	40	257	-	14	-	-	39	3	378
Nepal	4,196	-	14	636	-	251	-	-	1,127	9,933	16,156
Pakistan	53	38	313	8,207	-	726	16,729	61	7,160	14,114	47,401
Sri Lanka	61	-	139	2,693	-	331	-	-	676	3,771	7,671
Total SAARC Region	206,610	4,166	24,933	96,294	16,774	23,361	34,789	9,452	102,156	233,725	752,259

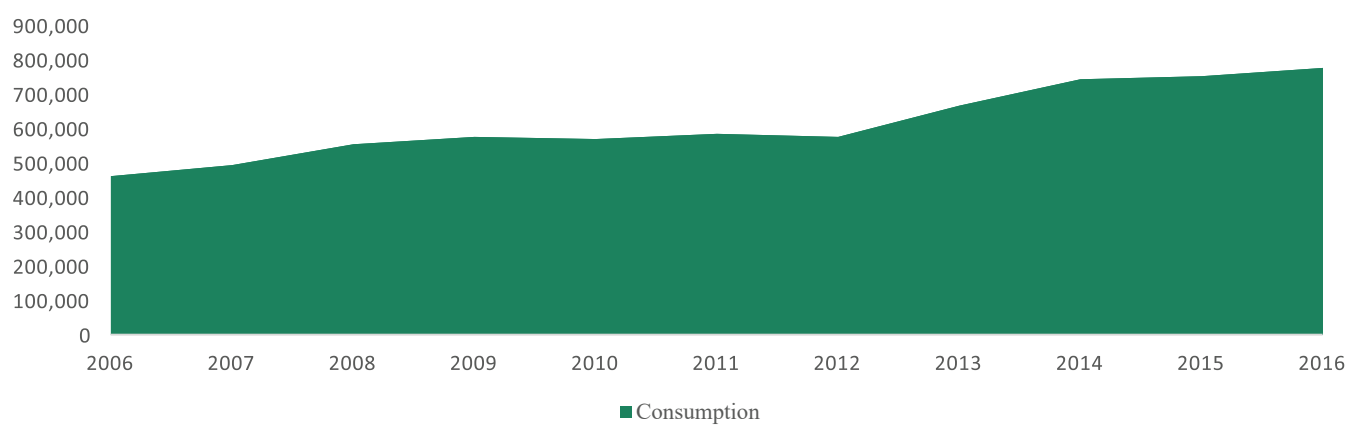
Final Energy Consumption in SAARC Region for 2016
(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Other Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Country Total
Afghanistan	961	126	684	478	-	-	154	-	375	224	3,002
Bangladesh	1,675	1,448	-	3,235	-	18	9,336	-	4,552	13,736	34,000
Bhutan	73	-	-	121	-	5	-	-	173	1,116	1,487
India	193,467	9,427	44,456	84,659	19,867	24,324	7,563	8,811	91,665	165,489	649,727
Maldives	-	-	59	231	-	15	-	-	51	3	359
Nepal	708	-	-	1,101	-	409	-	-	423	9,687	12,328
Pakistan	6,362	-	7,835	9,711	-	1,367	18,471	-	8,212	13,901	65,859
Sri Lanka	48	-	1,731	2,428	-	402	-	-	1,093	3,644	9,346
Total SAARC Region	203,294	11,000	54,765	101,963	19,867	26,540	35,524	8,811	106,544	207,799	776,108

SAARC Region
Domestic Energy Production
(thousand tonnes of oil equivalent)



SAARC Region
Energy Consumption
(thousand tonnes of oil equivalent)



Energy Consumption in Iron and Steel Industry in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-	-	-	-	-	-
Bhutan	-	-	-	-	-	-	-	-	-	-	-
India	45,404	49,413	50,167	53,798	50,264	47,830	48,739	55,938	76,483	59,314	62,241
Maldives	-	-	-	-	-	-	-	-	-	-	-
Nepal	-	-	-	-	-	-	-	-	-	-	-
Pakistan	470	518	624	418	392	311	277	268	232	227	18
Sri Lanka	11	4	4	6	10	6	7	7	7	-	-
Total SAARC Region	45,885	49,935	50,795	54,222	50,666	48,147	49,023	56,212	76,722	59,541	62,259

Energy Consumption in Iron and Steel Industry in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	29,839	10,630	34	1,054	-	3,847	-	45,404
Pakistan	-	27	-	-	398	45	-	470
Sri Lanka	-	-	-	11	-	-	-	11
Total SAARC Region	29,839	10,657	34	1,065	398	3,892	-	45,885

Energy Consumption in Iron and Steel Industry in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	34147	10331	56	1054	-	3826	-	49414
Pakistan	-	40	-	-	410	67	-	518
Sri Lanka	-	-	-	4	-	-	-	10
Total SAARC Region	34147	10371	56	1058	410	3893	-	49935

Energy Consumption in Iron and Steel Industry in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	22,135	8,896	74	2,414	11,530	5,118	-	50,167
Pakistan	-	111	-	-	339	174	-	624
Sri Lanka	-	-	-	4	-	-	-	4
Total SAARC Region	22,135	9,007	74	2,418	11,869	5,292	-	50,795

Energy Consumption in Iron and Steel Industry in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	23,487	9,250	3	2,464	13,213	5,380	-	53,797
Pakistan	-	40	-	-	316	63	-	419
Sri Lanka	-	-	-	6	-	-	-	6
Total SAARC Region	23,487	9,290	3	2,470	13,529	5,443	-	54,222

Energy Consumption in Iron and Steel Industry in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	25,092	9,618	-	257	9,992	5,305	-	50,264
Pakistan	-	40	-	-	290	62	-	392
Sri Lanka	-	-	-	10	-	-	-	10
Total SAARC Region	25,092	9,658	-	267	10,282	5,367	-	50,666

Energy Consumption in Iron and Steel Industry in SAARC Region for 2011

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	21,502	10,421	-	314	10,054	5,538	-	47,829
Pakistan	-	26	-	-	246	40	-	312
Sri Lanka	-	-	-	6	-	-	-	6
Total SAARC Region	21,502	10,447	-	320	10,300	5,578	-	48,147

Energy Consumption in Iron and Steel Industry in SAARC Region for 2012

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	25,282	125	-	282	10,214	7,252	5,584	48,739
Pakistan	-	-	-	-	239	38	-	277
Sri Lanka	-	-	-	7	-	-	-	7
Total SAARC Region	25,282	125	-	289	10,453	7,290	5,584	49,023

Energy Consumption in Iron and Steel Industry in SAARC Region for 2013

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	41,533	-	-	495	-	8,325	5,584	55,938
Pakistan	-	-	-	-	227	41	-	277
Sri Lanka	-	-	-	7	-	-	-	7
Total SAARC Region	41,533	-	-	502	227	8,366	5,584	56,212

Energy Consumption in Iron and Steel Industry in SAARC Region for 2014

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	55,800	9,625	-	453	-	4,366	6,239	76,483
Pakistan	-	10	-	-	205	17	-	232
Sri Lanka	-	-	-	7	-	-	-	7
Total SAARC Region	55,800	9,635	-	460	205	4,383	6,239	76,722

Energy Consumption in Iron and Steel Industry in SAARC Region for 2015

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	39,563	3,906	-	492	-	-	9,391	59,314
Pakistan	-	38	-	-	189	-	-	227
Total SAARC Region	39,563	3,944	-	492	189	-	9,391	59,541

Energy Consumption in Iron and Steel Industry in SAARC Region for 2016

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Country Total
India	36,858	9,072	-	170	-	10,455	5,686	62,241
Pakistan	-	-	-	-	18	-	-	18
Total SAARC Region	36,858	9,072	-	170	18	10,455	5,686	62,260

Final Energy Consumption in Chemical Industry in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-	-	-	-	-	-
Bhutan	-	-	-	-	-	-	-	-	-	-	-
India	2,162	8,754	6,437	5,433	2,040	11,001	12,229	9,042	16,333	16,442	16,262
Maldives	-	-	-	-	-	-	-	-	-	-	-
Nepal	-	-	-	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	717	1,182	-	-	-
Sri Lanka	-	1	-	-	-	-	-	-	-	-	-
Total SAARC Region	2,162	8,755	6,437	5,433	2,040	11,001	12,946	10,223	16,333	16,442	16,262

Energy Consumption in Chemical Industry in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	479	-	1,239	435	9	-	-	2,162
Total SAARC Region	479	-	1,239	435	9	-	-	2,162

Energy Consumption in Chemical Industry in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	475	-	6,262	2,011	6	-	-	8,754
Sri Lanka	-	-	-	1	-	-	-	1
Total SAARC Region	475	-	6,262	2,012	6	-	-	8,755

Energy Consumption in Chemical Industry in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,916	-	1,387	3,128	7	-	-	6,438
Total SAARC Region	1,916	-	1,387	3,128	7	-	-	6,438

Energy Consumption in Chemical Industry in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,523	-	607	3,296	7	-	-	5,433
Total SAARC Region	1,523	-	607	3,296	7	-	-	5,433

Energy Consumption in Chemical Industry in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	315	-	824	893	9	-	-	2,041
Total SAARC Region	315	-	824	893	9	-	-	2,041

Energy Consumption in Chemical Industry in SAARC Region for 2011

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,607	-	8,500	872	22	-	-	11,001
Total SAARC Region	1,607	-	8,500	872	22	-	-	11,001

Energy Consumption in Chemical Industry in SAARC Region for 2012

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,723	-	9,759	736	12	-	-	12,229
Pakistan	-	-	717	-	-	-	-	717
Total SAARC Region	1,723	-	10,476	736	12	-	-	12,946

Energy Consumption in Chemical Industry in SAARC Region for 2013

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,940	-	3,184	837	-	-	3,081	9,042
Pakistan	-	-	-	464	-	717	-	1,182
Total SAARC Region	1,940	-	3,184	1,301	-	717	3,081	10,223

Energy Consumption in Chemical Industry in SAARC Region for 2014

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,885	-	10,180	791	37	-	3,440	16,333
Total SAARC Region	1,885	-	10,180	791	37	-	3,440	16,333

Energy Consumption in Chemical Industry in SAARC Region for 2015

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,047	-	11,334	870	6	-	3,385	16,642
Total SAARC Region	1,047	-	11,334	870	6	-	3,385	16,642

Energy Consumption in Chemical Industry in SAARC Region for 2016

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Lpg and Refinery Gas	Natural Gas	Electricity	Country Total
India	1,047	67	11,329	128	14	-	3,677	16,262
Total SAARC Region	1,047	-	11,329	128	14	-	3,677	16,262

Energy Consumption in Road Transport in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	286	323	852	1,159	1,889	2,461	5,435	5,621	1,617	1,532	650
Bangladesh	1,251	1,458	1,820	2,105	2,394	2,460	2,402	2,323	2,475	2,660	2,004
Bhutan	12	13	14	16	19	21	23	23	47,267	26	1,325
India	31,186	34,090	14,292	16,542	17,505	18,411	18,698	65,962	19,489	28,222	25,329
Maldives	24	29	28	29	31	33	109	110	804	140	53,655
Nepal	265	272	406	556	605	611	841	916	6,343	698	421
Pakistan	8,681	10,573	10,638	10,754	11,123	11,740	11,654	11,995	7,867	13,318	9,477
Sri Lanka	1,467	1,356	1,496	1,836	2,112	2,224	2,215	813	864	2,748	8,906
Total SAARC Region	43,172	48,114	29,546	32,997	35,678	37,961	41,376	87,763	86,726	49,344	101,767

Energy Consumption in Road Transport in SAARC Region for 2006

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	88	198	-	-	286
Bangladesh	318	762	-	172	1,252
Bhutan	12	-	-	-	12
India	9,639	21,547	-	-	31,186
Maldives	24	-	-	-	24
Nepal	74	187	3	-	264
Pakistan	1,155	6,157	-	1,370	8,681
Sri Lanka	463	1,004	-	-	1,467
Total SAARC Region	11,773	29,855	3	1,542	43,172

Energy Consumption in Road Transport in SAARC Region for 2007

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	214	110	-	-	323
Bangladesh	338	813	-	307	1,458
Bhutan	13	-	-	-	13
India	10,559	23,531	-	-	34,090
Maldives	29	-	-	-	29
Nepal	73	195	3	-	271
Pakistan	1,478	7,348	-	1,748	10,574
Sri Lanka	394	962	-	-	1,356
Total SAARC Region	13,098	32,959	3	2,055	48,114

Energy Consumption in Road Transport in SAARC Region for 2008

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	580	272	-	-	852
Bangladesh	362	875	-	584	1,820
Bhutan	14	-	-	-	14
India	11,423	2,869	-	-	14,292
Maldives	28	-	-	-	28
Nepal	91	310	4	-	405
Pakistan	1,560	6,938	-	2,141	10,638
Sri Lanka	519	978	-	-	1,497
Total SAARC Region	14,577	12,242	4	2,725	29,546

Energy Consumption in Road Transport in SAARC Region for 2009

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	657	502	-	-	1,159
Bangladesh	382	929	-	794	2,105
Bhutan	16	-	-	-	16
India	13,323	2,970	250	-	16,542
Maldives	29	-	-	-	29
Nepal	120	431	6	-	556
Pakistan	1,967	6,385	-	2,402	10,754
Sri Lanka	561	1,275	-	-	1,836
Total SAARC Region	17,055	12,492	256	3,196	32,997

Energy Consumption in Road Transport in SAARC Region for 2010

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	1,134	755	-	-	1,889
Bangladesh	405	983	-	1,006	2,394
Bhutan	19	-	-	-	19
India	14,753	2,505	247	-	17,505
Maldives	31	-	-	-	31
Nepal	138	460	7	-	605
Pakistan	2,288	6,091	-	2,743	11,123
Sri Lanka	641	1,471	-	-	2,112
Total SAARC Region	19,409	12,265	254	3,749	35,678

Energy Consumption in Road Transport in SAARC Region for 2011

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	1,653	808	-	-	2,461
Bangladesh	432	1,042	-	985	2,460
Bhutan	21	-	-	-	21
India	15,582	2,581	247	-	18,410
Maldives	33	-	-	-	33
Nepal	154	450	8	-	612
Pakistan	2,816	6,036	-	2,888	11,740
Sri Lanka	737	1,487	-	-	2,224
Total SAARC Region	21,428	12,404	255	3,873	37,961

Energy Consumption in Road Transport in SAARC Region for 2012

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	4,563	872	-	-	5,435
Bangladesh	273	1,133	-	996	2,402
Bhutan	23	-	-	-	23
India	16,264	2,204	229	-	18,698
Maldives	17	92	-	-	109
Nepal	230	602	8	-	841
Pakistan	3,408	5,809	-	2,436	11,654
Sri Lanka	776	1,439	-	-	2,215
Total SAARC Region	25,554	12,152	237	3,433	41,376

Energy Consumption in Road Transport in SAARC Region for 2013

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	4,749	872	-	-	5,621
Bangladesh	287	1,037	-	1,000	2,323
Bhutan	23	-	-	-	23
India	17,694	46,420	208	1,639	65,962
Maldives	20	90	-	-	110
Nepal	262	645	9	-	916
Pakistan	3,617	6,065	-	2,313	11,995
Sri Lanka	813	-	-	-	813
Total SAARC Region	27,465	55,129	217	4,952	87,763

Energy Consumption in Road Transport in SAARC Region for 2014

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	737	881	-	-	1,617
Bangladesh	303	1,133	-	1,039	2,475
Bhutan	24	47,243	-	-	47,267
India	19,201	113	175	-	19,489
Maldives	21	783	-	-	804
Nepal	297	6,034	12	-	6,343
Pakistan	4,129	1,625	-	2,112	7,867
Sri Lanka	864	-	-	-	864
Total SAARC Region	25,576	57,812	187	3,152	86,726

Energy Consumption in Road Transport in SAARC Region for 2015

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	922	610	-	-	1,532
Bangladesh	308	1,221	-	1,131	2,660
Bhutan	26	-	-	-	26
India	23,112	2,745	193	2,173	28,222
Maldives	22	118	-	-	140
Nepal	179	509	10	-	698
Pakistan	5,182	6,483	-	1,653	13,318
Sri Lanka	884	1,864	-	-	2,748
Total SAARC Region	30,635	13,550	203	4,956	49,344

Energy Consumption in Road Transport in SAARC Region for 2016

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	614	36	-	-	650
Bangladesh	299	478	-	1,226	2,004
Bhutan	28	1,297	-	-	1,325
India	25,141	53,629	189	-	78,958
Maldives	27	-	-	-	27
Nepal	301	103	17	-	421
Pakistan	6,935	881	-	1,660	9,477
Sri Lanka	1,548	7,358	-	-	8,906
Total SAARC Region	34,894	63,781	206	2,887	101,767

Energy Consumption in Rail Transport Sector in SAARC Region
(Thousand tonnes of oil equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	164	182	196	207	219	234	268	245	268	289	306
Bhutan	-	-	-	-	-	-	-	-	-	-	-
India	2,766	1,290	3,236	3,363	3,575	3,661	3,736	3,938	4,059	4,229	4,202
Maldives	-	-	-	-	-	-	-	-	-	-	-
Nepal	1	1	-	-	-	-	1	1	1	1	1
Pakistan	161	158	7	135	103	71	233	243	242	260	297
Sri Lanka	26	26	28	31	26	26	26	-	26	39	32
Total SAARC Region	3,118	1,657	3,467	3,736	3,923	3,992	4,263	4,426	4,596	4,818	4,838

Energy Consumption in Rail Transport in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	164	-	164
Bhutan	-	-	-
India	1,854	912	2,766
Maldives	-	-	-
Nepal	-	1	1
Pakistan	160	1	161
Sri Lanka	26	-	26
Total SAARC Region	2,204	914	3,118

Energy Consumption in Rail Transport in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	182	-	182
Bhutan	-	-	-
India	352	938	1,290
Maldives	-	-	-
Nepal	-	1	1
Pakistan	157	1	158
Sri Lanka	26	-	26
Total SAARC Region	717	940	1,657

Energy Consumption in Rail Transport in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	196	-	196
Bhutan	-	-	-
India	2,211	1,025	3,236
Maldives	-	-	-
Nepal	-	-	-
Pakistan	6	-	6
Sri Lanka	28	-	28
Total SAARC Region	2,441	1,025	3,466

Energy Consumption in Rail Transport in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	207	-	207
Bhutan	-	-	-
India	2,315	1,048	3,363
Maldives	-	-	-
Nepal	-	-	-
Pakistan	135	-	135
Sri Lanka	31	-	31
Total SAARC Region	2,688	1,048	3,736

Energy Consumption in Rail Transport in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	219	-	219
Bhutan	-	-	-
India	2,392	1,183	3,575
Maldives	-	-	-
Nepal	-	-	-
Pakistan	103	-	103
Sri Lanka	26	-	26
Total SAARC Region	2,740	1,183	3,923

Energy Consumption in Rail Transport in SAARC Region for 2011

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	234	-	234
Bhutan	-	-	-
India	2,451	1,210	3,661
Maldives	-	-	-
Nepal	-	-	-
Pakistan	71	-	71
Sri Lanka	26	-	26
Total SAARC Region	2,782	1,210	3,992

Energy Consumption in Rail Transport in SAARC Region for 2012

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	268	-	268
Bhutan	-	-	-
India	2,535	1,202	3,736
Maldives	-	-	-
Nepal	-	1	1
Pakistan	233	-	233
Sri Lanka	26	-	26
Total SAARC Region	3,061	1,203	4,263

Energy Consumption in Rail Transport in SAARC Region for 2013

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	245	-	245
Bhutan	-	-	-
India	2,631	1,307	3,938
Maldives	-	-	-
Nepal	-	1	1
Pakistan	243	-	243
Sri Lanka	-	-	-
Total SAARC Region	3,119	1,307	4,426

Energy Consumption in Rail Transport in SAARC Region for 2014

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	268	-	268
Bhutan	-	-	-
India	2,691	1,368	4,059
Maldives	-	-	-
Nepal	-	1	1
Pakistan	242	-	242
Sri Lanka	26	-	26
Total SAARC Region	3,227	1,369	4,596

Energy Consumption in Rail Transport in SAARC Region for 2015

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	289	-	289
Bhutan	-	-	-
India	2,802	1,427	4,229
Maldives	-	-	-
Nepal	-	1	1
Pakistan	260	-	260
Sri Lanka	39	-	39
Total SAARC Region	3,390	1,427	4,817

Energy Consumption in Rail Transport in SAARC Region for 2016

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	-	-	-
Bangladesh	306	-	306
Bhutan	-	-	-
India	2,722	1,480	4,202
Maldives	-	-	-
Nepal	-	1	1
Pakistan	297	-	297
Sri Lanka	32	-	32
Total SAARC Region	3,357	1,481	4,837

Energy Consumption in Other Modes of Transportation in SAARC Region

(Thousand Tonnes of oil equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	56	58	64	96	33	62	-	-	-	-	-
Bangladesh	222	247	265	280	298	318	4	4	4	-	-
Bhutan	42	46	49	54	73	88	101	-	102	113	120
India	888	429	3,191	2,217	1,957	1,540	811	37	37	38	445
Maldives	201	201	218	230	243	244	-	-	-	-	-
Nepal	-	-	-	-	-	-	-	-	-	-	-
Pakistan	726	584	469	497	535	491	-	-	-	-	-
Sri Lanka	223	402	220	155	203	38	1	1,622	1	1	1
Total SAARC Region	2,358	1,967	4,476	3,529	3,342	2,781	917	1,663	144	152	566

Energy Consumption in other Modes of Transportation in SAARC Region for 2006

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	56	-	-	56
Bangladesh	-	222	-	222
Bhutan	-	42	-	42
India	-	888	-	888
Maldives	17	184	-	201
Nepal	-	-	-	-
Pakistan	726	-	-	726
Sri Lanka	189	34	-	223
Total SAARC Region	988	1,370	-	2,358

Energy Consumption in other Modes of Transportation in SAARC Region for 2007

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	58	-	-	58
Bangladesh	-	247	-	247
Bhutan	-	46	-	46
India	-	429	-	429
Maldives	13	188	-	201
Nepal	-	-	-	-
Pakistan	584	-	-	584
Sri Lanka	366	36	-	402
Total SAARC Region	1,021	946	-	1,967

Energy Consumption in other Modes of Transportation in SAARC Region for 2008

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	64	-	-	64
Bangladesh	-	265	-	265
Bhutan	-	49	-	49
India	-	2,491	700	3,191
Maldives	24	194	-	218
Nepal	-	-	-	-
Pakistan	469	-	-	469
Sri Lanka	196	24	-	220
Total SAARC Region	753	3,023	700	4,476

Energy Consumption in other Modes of Transportation in SAARC Region for 2009

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	96	-	-	96
Bangladesh	-	280	-	280
Bhutan	-	54	-	54
India	-	1,642	575	2,217
Maldives	26	204	-	230
Nepal	-	-	-	-
Pakistan	497	-	-	497
Sri Lanka	144	10	1	155
Total SAARC Region	763	2,190	576	3,529

Energy Consumption in other Modes of Transportation in SAARC Region for 2010

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	33	-	-	33
Bangladesh	-	298	-	298
Bhutan	-	73	-	73
India	-	1,306	650	1,956
Maldives	21	221	-	242
Nepal	-	-	-	-
Pakistan	535	-	-	535
Sri Lanka	176	27	-	203
Total SAARC Region	765	1,925	650	3,340

Energy Consumption in other Modes of Transportation in SAARC Region for 2011

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	62	-	-	62
Bangladesh	-	318	-	318
Bhutan	-	88	-	88
India	-	897	643	1,540
Maldives	21	223	-	244
Nepal	-	-	-	-
Pakistan	491	-	-	491
Sri Lanka	7	31	-	38
Total SAARC Region	581	1,557	643	2,781

Energy Consumption in other Modes of Transportation in SAARC Region for 2012

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	-	-	-	-
Bangladesh	-	4	-	4
Bhutan	-	101	-	101
India	-	270	540	811
Maldives	-	-	-	-
Nepal	-	-	-	-
Pakistan	-	-	-	-
Sri Lanka	-	-	1	1
Total SAARC Region	-	375	542	917

Energy Consumption in other Modes of Transportation in SAARC Region for 2013

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	-	-	-	-
Bangladesh	-	4	-	4
Bhutan	-	-	-	-
India	-	37	-	37
Maldives	-	-	-	-
Nepal	-	-	-	-
Pakistan	-	-	-	-
Sri Lanka	-	1,621	1	1,622
Total SAARC Region	-	1,662	1	1,663

Energy Consumption in other Modes of Transportation in SAARC Region for 2014

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	-	-	-	-
Bangladesh	-	4	-	4
Bhutan	-	102	-	102
India	-	37	-	37
Maldives	-	-	-	-
Nepal	-	-	-	-
Pakistan	-	-	-	-
Sri Lanka	-	-	1	1
Total SAARC Region	-	143	1	144

Energy Consumption in other Modes of Transportation in SAARC Region for 2015

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	-	-	-	-
Bangladesh	-	-	-	-
Bhutan	-	113	-	113
India	-	38	-	38
Maldives	-	-	-	-
Nepal	-	-	-	-
Pakistan	-	-	-	-
Sri Lanka	-	-	1	1
Total SAARC Region	-	151	1	152

Energy Consumption in other Modes of Transportation in SAARC Region for 2016

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	-	-	-	-
Bangladesh	-	-	-	-
Bhutan	-	120	-	120
India	-	41	404	445
Maldives	-	-	-	-
Nepal	-	-	-	-
Pakistan	-	-	-	-
Sri Lanka	-	-	1	1
Total SAARC Region	-	160	406	566

Energy Consumption in Household Sector in SAARC Region

(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	251	304	320	399	454	420	399	377	448	418	468
Bangladesh	16,118	16,218	16,441	16,698	17,093	17,369	14,267	14,347	18,006	18,483	19,198
Bhutan	997	1,024	1,053	1,067	1,097	1,106	1,052	1,064	18,231	1,132	1,146
India	153,417	156,427	157,096	159,474	167,102	169,164	170,845	177,119	160,124	181,566	161,218
Maldives	19	19	30	32	29	31	25	34	180	33	34
Nepal	3,653	3,635	3,611	3,633	3,627	3,614	6,444	7,321	9,853	9,715	9,929
Pakistan	17,068	18,107	18,290	18,614	19,061	19,784	20,570	20,336	20,414	21,509	22,490
Sri Lanka	2,371	2,268	3,107	3,195	3,302	3,268	2,975	2,868	2,897	3,144	3,154
Total SAARC Region	193,894	198,002	199,948	203,112	211,765	214,756	216,578	223,465	230,153	236,000	217,637

Energy Consumption in Household Sector in SAARC Region for 2006

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	29	-	-	25	197	251
Bangladesh	-	-	517	9	1,462	787	13,344	16,118
Bhutan	-	-	12	5	-	10	970	997
India	148	213	9,328	11,142	442	9,376	122,768	153,417
Maldives	-	-	4	-	-	12	3	19
Nepal	1	-	133	59	-	78	3,383	3,653
Pakistan	1	-	108	433	4,502	2,816	9,209	17,068
Sri Lanka	-	-	209	123	-	221	1,818	2,371
Total SAARC Region	150	213	10,340	11,771	6,406	13,325	151,692	193,894

Energy Consumption in Household Sector in SAARC Region for 2007

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	13	-	-	25	266	304
Bangladesh	-	-	462	13	1,618	795	13,330	16,218
Bhutan	-	-	8	6	-	11	999	1,024
India	238	231	9,287	11,939	36	10,213	124,482	156,427
Maldives	-	-	1	-	-	14	3	18
Nepal	1	-	104	59	-	81	3,390	3,635
Pakistan	1	-	123	397	4,951	2,847	9,789	18,108
Sri Lanka	-	-	153	123	-	234	1,758	2,268
Total SAARC Region	240	231	10,151	12,537	6,605	14,220	154,017	198,002

Energy Consumption in Household Sector in SAARC Region for 2008

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	23	-	-	25	272	320
Bangladesh	-	-	474	44	1,766	765	13,392	16,441
Bhutan	-	-	4	6	-	12	1,031	1,053
India	215	236	9,383	11,805	93	11,161	124,203	157,096
Maldives	-	-	1	11	-	15	3	30
Nepal	1	-	55	72	-	80	3,403	3,611
Pakistan	1	-	100	361	5,196	2,727	9,906	18,290
Sri Lanka	-	-	133	138	-	274	2,564	3,107
Total SAARC Region	217	236	10,173	12,437	7,055	15,059	154,774	199,948

Energy Consumption in Household Sector in SAARC Region for 2009

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	96	-	-	25	278	399
Bangladesh	-	-	479	44	1,888	831	13,456	16,698
Bhutan	-	-	4	7	-	12	1,043	1,066
India	371	248	9,353	12,611	225	10,649	126,016	159,473
Maldives	-	-	1	13	-	15	3	32
Nepal	1	-	36	88	-	97	3,411	3,633
Pakistan	-	-	93	351	5,324	2,895	9,952	18,615
Sri Lanka	-	-	135	148	-	285	2,628	3,196
Total SAARC Region	372	248	10,197	13,262	7,437	14,809	156,787	203,112

Energy Consumption in Household Sector in SAARC Region for 2010

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	51	-	-	117	285	453
Bangladesh	-	-	484	44	2,116	922	13,527	17,093
Bhutan	-	-	5	8	-	13	1,072	1,098
India	552	279	8,963	13,727	1,450	14,302	127,828	167,101
Maldives	-	-	-	13	-	13	3	29
Nepal	-	-	34	99	-	103	3,391	3,627
Pakistan	-	-	88	287	5,636	3,031	10,020	19,062
Sri Lanka	-	-	144	178	-	308	2,672	3,302
Total SAARC Region	552	279	9,769	14,356	9,202	18,809	158,798	211,765

Energy Consumption in Household Sector in SAARC Region for 2011

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	37	-	-	97	286	420
Bangladesh	-	-	490	44	2,236	1,010	13,588	17,368
Bhutan	-	-	5	8	-	14	1,080	1,106
India	-	362	8,267	14,781	1,751	14,362	129,641	169,164
Maldives	-	-	-	14	-	14	3	31
Nepal	1	-	29	112	-	107	3,365	3,614
Pakistan	-	-	82	257	6,356	3,006	10,083	19,784
Sri Lanka	-	-	146	192	-	332	2,599	3,269
Total SAARC Region	1	362	9,056	15,408	10,343	18,942	160,645	214,756

Energy Consumption in Household Sector in SAARC Region for 2012

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	26	-	-	163	210	399
Bangladesh	-	-	361	22	2,285	1,124	10,474	14,267
Bhutan	-	-	4	8	-	15	1,024	1,052
India	-	309	7,461	14,522	1,830	14,470	132,254	170,845
Maldives	-	-	-	11	-	12	2	25
Nepal	3	-	19	124	-	125	6,173	6,444
Pakistan	-	-	98	211	7,096	3,055	10,110	20,570
Sri Lanka	-	-	126	-	-	344	2,505	2,975
Total SAARC Region	3	309	8,097	14,898	11,211	19,308	162,754	216,578

Energy Consumption in Household Sector in SAARC Region for 2013

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	26	-	-	138	213	377
Bangladesh	-	-	318	21	2,300	1,207	10,501	14,347
Bhutan	-	-	4	7	-	16	1,036	1,064
India	4,253	374	7,461	15,425	3,513	17,532	128,560	177,119
Maldives	-	-	7	13	-	12	2	34
Nepal	3	-	14	139	-	127	7,038	7,321
Pakistan	-	-	101	247	6,737	3,106	10,146	20,336
Sri Lanka	-	-	114	-	-	339	2,415	2,868
Total SAARC Region	4,256	374	8,043	15,853	12,550	22,479	159,910	223,465

Energy Consumption in Household Sector in SAARC Region for 2014

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	27	19	-	187	215	448
Bangladesh	-	-	291	8	2,601	1,454	13,651	18,006
Bhutan	-	-	0	17,166	-	18	1,047	18,231
India	4,421	347	7,021	15	-	18,392	129,928	160,124
Maldives	-	-	7	157	-	13	2	180
Nepal	4	-	15	262	-	133	9,439	9,853
Pakistan	-	-	105	212	6,487	3,417	10,193	20,414
Sri Lanka	-	-	110	-	-	342	2,445	2,897
Total SAARC Region	4,425	347	7,576	17,839	9,088	23,956	166,922	230,153

Energy Consumption in Household Sector in SAARC Region for 2015

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	6	-	-	191	221	418
Bangladesh	-	-	271	19	3,119	1,410	13,665	18,483
Bhutan	-	-	-	8	-	19	1,105	1,132
India	-	86	6,954	19,407	767	20,536	133,816	181,566
Maldives	-	-	1	14	-	15	3	33
Nepal	2	-	10	134	-	169	9,398	9,715
Pakistan	-	-	95	333	6,909	3,724	10,447	21,509
Sri Lanka	-	-	128	265	-	382	2,369	3,144
Total SAARC Region	2	86	7,466	20,181	10,795	26,446	171,024	236,000

Energy Consumption in Household Sector in SAARC Region for 2016

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	10	-	-	235	224	468
Bangladesh	-	-	220	18	3,733	1,537	13,691	19,198
Bhutan	-	-	7	5	-	20	1,114	1,146
India	-	354	5,443	21,315	-	22,292	111,813	161,218
Maldives	-	-	-	15	-	16	3	34
Nepal	2	-	17	219	-	198	9,493	9,929
Pakistan	-	-	81	514	7,181	4,186	10,527	22,490
Sri Lanka	-	-	174	322	-	416	2,242	3,154
Total SAARC Region	2	354	5,951	22,408	10,914	28,901	149,105	217,637

Energy Consumption in Agriculture Sector in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	5	8	8	8	8	8	8	8	9	10	9
Bangladesh	598	735	732	711	682	648	1,198	1,106	1,137	1,058	1,128
Bhutan	-	-	-	-	-	-	-	-	-	-	-
India	16,423	17,934	10,753	11,544	11,947	12,145	12,708	23,212	23,968	15,898	17,629
Maldives	-	-	-	-	-	-	-	8	-	-	-
Nepal	66	55	81	105	112	116	116	790	135	126	214
Pakistan	788	824	813	877	799	745	683	33	785	841	806
Sri Lanka	8	7	5	8	10	3	2	5	5	-	1
Total SAARC Region	17,888	19,563	12,392	13,253	13,558	13,665	14,716	25,162	26,039	17,933	19,787

Energy Consumption in Agriculture Sector in SAARC Region 2006

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	5	5
Bangladesh	530	19	48	597
Bhutan	-	-	-	-
India	7,904	156	8,364	16,424
Maldives	-	-	-	-
Nepal	62	-	4	66
Pakistan	97	-	691	788
Sri Lanka	8	-	-	8
Total SAARC Region	8,601	175	9,112	17,888

Energy Consumption in Agriculture Sector in SAARC Region 2007

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	667	19	49	735
Bhutan	-	-	-	-
India	8,987	146	8,800	17,933
Maldives	-	-	-	-
Nepal	51	-	4	55
Pakistan	109	-	716	825
Sri Lanka	7	-	-	7
Total SAARC Region	9,821	165	9,577	19,563

Energy Consumption in Agriculture Sector in SAARC Region 2008

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	636	18	78	732
Bhutan	-	-	-	-
India	996	141	9,616	10,753
Maldives	-	-	-	-
Nepal	77	-	4	81
Pakistan	70	-	743	813
Sri Lanka	5	-	-	5
Total SAARC Region	1,784	159	10,449	12,392

Energy Consumption in Agriculture Sector in SAARC Region 2009

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	601	17	93	711
Bhutan	-	-	-	-
India	1,238	153	10,153	11,544
Maldives	-	-	-	-
Nepal	100	-	5	105
Pakistan	59	-	818	877
Sri Lanka	8	-	-	8
Total SAARC Region	2,006	170	11,077	13,253

Energy Consumption in Agriculture Sector in SAARC Region 2010

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	567	20	95	682
Bhutan	-	-	-	-
India	621	179	11,146	11,946
Maldives	-	-	-	-
Nepal	107	-	5	112
Pakistan	41	-	758	799
Sri Lanka	10	-	-	10
Total SAARC Region	1,346	199	12,012	13,557

Energy Consumption in Agriculture Sector in SAARC Region 2011

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	532	20	96	648
Bhutan	-	-	-	-
India	690	166	11,289	12,145
Maldives	-	-	-	-
Nepal	111	-	5	116
Pakistan	23	-	722	745
Sri Lanka	3	-	-	3
Total SAARC Region	1,359	186	12,120	13,665

Energy Consumption in Agriculture Sector in SAARC Region 2012

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	1,072	20	107	1,198
Bhutan	-	-	-	-
India	616	167	11,925	12,708
Maldives	-	-	-	-
Nepal	110	-	6	116
Pakistan	32	-	651	683
Sri Lanka	2	-	-	2
Total SAARC Region	1,832	187	12,698	14,716

Energy Consumption in Agriculture Sector in SAARC Region 2013

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	8	8
Bangladesh	981	20	105	1,106
Bhutan	-	-	-	-
India	9,465	183	13,564	23,212
Maldives	-	-	8	8
Nepal	110	-	680	790
Pakistan	33	-	-	33
Sri Lanka	5	-	-	5
Total SAARC Region	10,594	203	14,365	25,162

Energy Consumption in Agriculture Sector in SAARC Region 2014

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	9	9
Bangladesh	989	21	128	1,137
Bhutan	-	-	-	-
India	9,506	172	14,290	23,968
Maldives	-	-	-	-
Nepal	128	-	7	135
Pakistan	50	-	735	785
Sri Lanka	5	-	-	5
Total SAARC Region	10,677	193	15,169	26,039

Energy Consumption in Agriculture Sector in SAARC Region 2015

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	10	10
Bangladesh	913	21	124	1,058
Bhutan	-	-	-	-
India	830	179	14,888	15,898
Maldives	-	-	-	-
Nepal	117	-	9	126
Pakistan	40	-	801	841
Sri Lanka	-	-	-	-
Total SAARC Region	1,900	200	15,831	17,932

Energy Consumption in Agriculture Sector in SAARC Region 2016

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan	-	-	9	9
Bangladesh	969	24	135	1,128
Bhutan	-	-	-	-
India	824	-	16,804	17,629
Maldives	-	-	-	-
Nepal	204	-	10	214
Pakistan	13	-	793	806
Sri Lanka	1	-	-	1
Total SAARC Region	2,012	24	17,751	19,787

Energy Consumption by Other Consumers in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Afghanistan	49	68	68	76	35	38	-	41	55	56	54
Bangladesh	522	537	560	613	685	693	1,541	722	531	2,359	850
Bhutan	17	20	21	25	10	12	2	13	13	19	21
India	23,292	31,561	68,814	79,012	81,689	78,249	71,537	29,759	37,962	97,353	47,229
Maldives	5	6	6	8	7	7	-	11	12	15	32
Nepal	153	156	162	175	187	198	151	212	160	220	302
Pakistan	1,982	2,091	2,135	2,213	2,275	2,289	381	1,947	2,563	2,639	3,129
Sri Lanka	307	336	200	223	243	268	2	250	270	294	642
Total SAARC Region	26,327	34,775	71,966	82,345	85,131	81,754	73,614	32,956	41,567	102,955	52,259

Energy Consumption by Other Consumers in SAARC Region for 2006

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	49	-	49
Bangladesh	-	-	-	-	134	177	211	522
Bhutan	-	-	-	-	-	13	4	17
India	428	161	10,195	71	-	5,375	7,063	23,293
Maldives	-	-	-	-	-	5	-	5
Nepal	-	17	-	38	-	28	70	153
Pakistan	-	50	99	217	761	855	-	1,982
Sri Lanka	-	-	28	59	-	220	-	307
Total SAARC Region	428	228	10,322	385	895	6,722	7,348	26,328

Energy Consumption by Other Consumers in SAARC Region for 2007

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	68	-	68
Bangladesh	-	-	-	-	145	179	213	537
Bhutan	-	-	-	-	-	15	4	20
India	289	17	17,255	338	-	6,448	7,212	31,561
Maldives	-	-	-	-	-	6	-	6
Nepal	-	14	-	41	-	31	70	156
Pakistan	-	48	119	215	823	886	-	2,091
Sri Lanka	-	1	30	62	-	243	-	336
Total SAARC Region	289	80	17,404	656	968	7,876	7,499	34,775

Energy Consumption by Other Consumers in SAARC Region for 2008

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	68	-	68
Bangladesh	-	-	-	-	169	172	220	561
Bhutan	-	-	-	-	-	17	4	21
India	267	5,619	47,746	-	-	7,047	8,135	68,814
Maldives	-	-	-	-	-	6	-	6
Nepal	-	7	-	52	-	29	73	162
Pakistan	-	59	148	224	862	841	-	2,134
Sri Lanka	-	1	16	-	-	183	-	200
Total SAARC Region	267	5,686	47,910	276	1,031	8,363	8,432	71,966

Energy Consumption by Other Consumers in SAARC Region for 2009

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	76	-	76
Bangladesh	-	-	-	-	191	200	222	613
Bhutan	-	-	-	-	-	20	5	25
India	62	7,380	54,167	968	-	8,209	8,226	79,012
Maldives	-	-	-	-	-	8	-	8
Nepal	-	5	-	63	-	33	74	175
Pakistan	-	60	124	240	897	892	-	2,213
Sri Lanka	-	2	31	-	-	189	-	223
Total SAARC Region	62	7,447	54,322	1,271	1,088	9,627	8,527	82,345

Energy Consumption by Other Consumers in SAARC Region for 2010

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	35	-	35
Bangladesh	-	-	-	-	208	252	224	685
Bhutan	-	-	-	-	-	8	2	10
India	684	7,311	55,292	1,093	-	8,996	8,313	81,689
Maldives	-	-	-	-	-	7	-	7
Nepal	-	5	-	71	-	36	75	187
Pakistan	-	77	152	229	885	932	-	2,275
Sri Lanka	-	5	34	-	-	203	-	243
Total SAARC Region	684	7,398	55,478	1,393	1,093	10,469	8,614	85,131

Energy Consumption by Other Consumers in SAARC Region for 2011

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	38	-	38
Bangladesh	-	-	-	-	217	249	226	692
Bhutan	-	-	-	-	-	9	2	11
India	-	298	59,267	1,160	-	9,132	8,392	78,249
Maldives	-	-	-	-	-	7	-	7
Nepal	-	4	-	81	-	38	76	199
Pakistan	-	70	108	235	962	914	-	2,289
Sri Lanka	-	5	37	-	-	227	-	269
Total SAARC Region	-	377	59,412	1,476	1,179	10,614	8,696	81,754

Energy Consumption by Other Consumers in SAARC Region for 2012

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	-	-	-
Bangladesh	-	-	-	-	1318	-	-	223
Bhutan	-	-	-	-	-	-	2	-
India	-	117	62881	1250	-	-	5353	1936
Maldives	-	-	-	-	-	-	-	-
Nepal	3	3	-	89	-	-	1	55
Pakistan	-	25	126	230	-	-	-	-
Sri Lanka	-	2	-	-	-	-	-	-
Total SAARC Region	3	147	63007	1569	1318	-	5356	2214

Energy Consumption by Other Consumers in SAARC Region for 2013

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	41	-	41
Bangladesh	-	-	-	-	226	272	225	723
Bhutan	-	-	-	-	-	11	2	13
India	6,669	117	1,366	570	848	12,708	7,481	29,759
Maldives	-	-	-	-	-	11	-	11
Nepal	-	3	-	100	3	50	56	212
Pakistan	-	-	5	85	941	917	-	1,947
Sri Lanka	-	-	-	-	-	250	-	250
Total SAARC Region	6,669	120	1,371	755	2,018	14,259	5,372	32,957

Energy Consumption by Other Consumers in SAARC Region for 2014

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	55	-	55
Bangladesh	-	1	-	-	231	299	-	531
Bhutan	-	-	-	-	-	11	2	13
India	15,414	120	1,046	104	-	12,435	8,843	37,962
Maldives	-	-	-	-	-	12	-	12
Nepal	-	3	-	107	-	49	1	160
Pakistan	-	101	155	340	919	994	55	2,563
Sri Lanka	-	-	-	-	-	270	-	270
Total SAARC Region	15,414	225	1,201	551	1,149	14,125	8,901	41,567

Energy Consumption by Other Consumers in SAARC Region for 2015

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	56	-	56
Bangladesh	1,567	-	-	-	240	318	234	2,359
Bhutan	-	-	-	-	-	17	2	19
India	586	2,833	68,905	2,253	825	12,810	8,940	97,153
Maldives	-	-	-	-	-	15	-	15
Nepal	-	2	-	106	-	53	59	220
Pakistan	-	120	168	393	874	1,083	-	2,639
Sri Lanka	-	-	-	-	-	294	-	294
Total SAARC Region	2,153	2,956	69,074	2,753	1,939	14,646	9,235	102,955

Energy Consumption by Other Consumers in SAARC Region for 2016

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	BioMass Energy	Country Total
Afghanistan	-	-	-	-	-	54	-	54
Bangladesh	-	34	-	-	237	346	232	850
Bhutan	-	-	-	-	-	19	2	21
India	622	121	19,113	154	169	20,103	6,947	47,229
Maldives	-	-	-	-	-	32	-	32
Nepal	2	3	-	173	-	66	59	303
Pakistan	-	127	168	853	811	1,169	-	3,129
Sri Lanka	-	-	-	322	-	320	-	642
Total SAARC Region	624	286	19,281	1,501	1,217	22,109	7,002	52,259

Energy Consumption for Thermal Power Generation in SAARC Region

(Thousand Tonnes of Oil Equivalent)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Solid Fuels	194,480	211,752	214,704	228,130	207,037	241,528	241,528	241,528	280,984	290,691	323,030
Liquid Fuels	9,338	10,172	14,925	15,632	10,836	10,097	10,097	10,097	20,475	11,899	11,366
Natural Gas	26,870	27,088	27,188	35,911	38,610	34,412	34,411	34,411	29,092	35,732	37,313
Others	1,103	1,104	6,766	8,577	10,139	12,454	12,454	12,454	10,670	10,990	41,345
Total	231,791	250,116	263,583	288,250	266,622	298,491	298,490	298,490	341,221	349,312	413,054

Energy Consumed for Thermal Power Generation in SAARC Region for 2006
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	48	20	4	-	72
Bangladesh	-	564	6953	-	7517
Bhutan	-	-	-	-	-
India	194343	1221	10952	1103	207619
Maldives	-	54	-	-	54
Nepal	-	4	-	-	4
Pakistan	89	6563	8960	-	15612
Sri Lanka	-	912	-	-	912
Total SAARC Region	194480	9338	26869	1103	231790

Energy Consumed for Thermal Power Generation in SAARC Region for 2007
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	48	30	4	-	82
Bangladesh	-	578	7257	-	7835
Bhutan	-	1	-	-	1
India	211616	1388	11020	1104	225128
Maldives	-	63	-	-	63
Nepal	-	3	-	-	3
Pakistan	88	6900	8807	-	15795
Sri Lanka	-	1209	-	-	1209
Total SAARC Region	211752	10172	27088	1104	250116

Energy Consumed for Thermal Power Generation in SAARC Region for 2008
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	41	31	-	-	72
Bangladesh	223	609	8047	-	8879
Bhutan	-	-	-	-	-
India	214374	5835	11020	6762	237991
Maldives	-	72	-	-	72
Nepal	-	3	-	-	3
Pakistan	66	7186	8120	4	15376
Sri Lanka	-	1188	-	-	1188
Total SAARC Region	214704	14924	27187	6766	263581

Energy Consumed for Thermal Power Generation in SAARC Region for 2009

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	21	21	-	-	42
Bangladesh	231	642	8,981	-	9,854
Bhutan	-	-	-	-	-
India	227,804	5,307	19,560	8,560	261,231
Maldives	-	76	-	-	76
Nepal	-	4	-	-	4
Pakistan	74	8,370	7,370	-	15,814
Sri Lanka	-	1,212	-	17	1,229
Total SAARC Region	228,130	15,632	35,911	8,577	288,250

Energy Consumed for Thermal Power Generation in SAARC Region for 2010

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	21	21	-	-	42
Bangladesh	235	687	10,285	-	11,207
Bhutan	-	-	-	-	-
India	206,725	1,385	21,591	10,115	239,816
Maldives	-	65	-	-	65
Nepal	-	1	-	-	1
Pakistan	56	7,721	6,734	-	14,511
Sri Lanka	-	956	-	24	980
Total SAARC Region	207,037	10,836	38,610	10,139	266,622

Energy Consumed for Thermal Power Generation in SAARC Region for 2011

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	34	21	-	-	55
Bangladesh	202	737	10,115	-	11,054
Bhutan	-	-	-	-	-
India	240,986	978	17,314	12,431	271,709
Maldives	-	70	-	-	70
Nepal	-	1	-	-	1
Pakistan	62	7,211	6,982	-	14,255
Sri Lanka	244	1,080	-	23	1,347
Total SAARC Region	241,528	10,098	34,411	12,454	298,491

Energy Consumed for Thermal Power Generation in SAARC Region for 2012

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	34	21	-	-	55
Bangladesh	202	737	10,115	-	11,054
Bhutan	-	-	-	-	-
India	240,986	978	17,314	12,431	271,709
Maldives	-	70	-	-	70
Nepal	-	1	-	-	1
Pakistan	62	7,211	6,982	-	14,255
Sri Lanka	244	1,080	-	23	1,347
Total SAARC Region	241,528	10,098	34,411	12,454	298,491

Energy Consumed for Thermal Power Generation in SAARC Region for 2013

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	34	21	-	-	55
Bangladesh	202	737	10,115	-	11,054
Bhutan	-	-	-	-	-
India	240,986	978	17,314	12,431	271,709
Maldives	-	70	-	-	70
Nepal	-	1	-	-	1
Pakistan	62	7,211	6,982	-	14,255
Sri Lanka	244	1,080	-	23	1,347
Total SAARC Region	241,528	10,098	34,411	12,454	298,491

Energy Consumed for Thermal Power Generation in SAARC Region for 2014

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	35	21	-	-	56
Bangladesh	371	1,525	12,461	-	14,357
Bhutan	-	-	-	-	0
India	279,523	8,579	9,830	10,657	308,589
Maldives	-	94	-	-	94
Nepal	-	-	-	-	0
Pakistan	116	9,223	6,801	-	16,140
Sri Lanka	939	1,033	-	13	1,985
Total SAARC Region	280,984	20,475	29,092	10,670	341,221

Energy Consumed for Thermal Power Generation in SAARC Region for 2015

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	31	16	-	-	47
Bangladesh	333	1,345	13,317	-	14,995
Bhutan	-	-	-	-	-
India	289,394	747	15,144	10,973	316,258
Maldives	-	98	-	-	98
Nepal	-	-	-	-	-
Pakistan	93	9,142	7,271	-	16,506
Sri Lanka	840	551	-	17	1,408
Total SAARC Region	290,691	11,899	35,732	10,990	349,312

Energy Consumed for Thermal Power Generation in SAARC Region for 2016

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	31	22	-	-	52
Bangladesh	333	1,190	13,039	-	14,562
Bhutan	-	-	-	-	-
India	320,901	820	15,632	41,324	378,677
Maldives	-	180	-	-	180
Nepal	-	-	-	-	-
Pakistan	530	8,249	8,642	-	17,420
Sri Lanka	1,235	907	-	22	2,164
Total SAARC Region	323,030	11,366	37,313	41,345	413,055

PART IV
ENERGY
RESOURCES
AND RESERVES



Soild Fuels Resources and Reserves in SAARC Region in 2006
(Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	-	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	95,866	52,240	157,435	4,258	4,258	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,303	1,981	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	97,033	52,307	157,840	7,562	6,240	100,968	143	5	184

Soild Fuels Resources and Reserves in SAARC Region in 2009
(Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	293	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	105,820	56,100	157,435	4,258	4,500	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,451	2,070	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	106,987	56,460	157,840	7,710	6,571	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2010

(Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	293	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	105,820	56,100	157,435	4,500	4,500	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,451	2,070	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	106,987	56,460	157,840	7,952	6,571	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2011

(Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	293	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	105,820	56,100	157,435	4,500	4,500	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,451	2,070	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	106,987	56,460	157,840	7,952	6,571	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2012 (Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	293	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	105,820	56,100	157,435	4,500	4,500	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,451	2,070	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	106,987	56,460	157,840	7,952	6,571	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2013 (Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	293	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	105,820	56,100	157,435	4,500	4,500	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,451	2,070	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	106,987	56,460	157,840	7,952	6,571	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2014
(Million Tonnes)

	Bituminous/Anthracite			Sub-Bituminous /Lignite			Peat		
	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place	Proved Amount in Place	Proved Recoverable Reserves	Estimated Additional Amount in Place
Afghanistan	112	66	400	-	-	-	-	-	-
Bangladesh	1,054	293	-	-	-	-	138	-	138
Bhutan	-	-	-	-	-	-	-	-	-
India	105,820	56,100	157,435	4,500	4,500	32,893	-	-	-
Maldives	-	-	-	1	1	7	-	-	-
Nepal	-	-	-	3,451	2,070	68,068	-	-	-
Pakistan	1	1	5	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-	5	5	46
Total SAARC Region	106,987	56,460	157,840	7,952	6,571	100,968	143	5	184

The data set “Solid Fuels Resources and Reserves” for the year 2015-16 is not yet available

Oil and Gas Reserves in SAARC Region in 2006

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,074	786
Pakistan	840	40
Total SAARC Region	2,308	829

Oil and Gas Reserves in SAARC Region in 2007

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	391	3
India	1,054	725
Pakistan	843	40
Total SAARC Region	2,338	768

Oil and Gas Reserves in SAARC Region in 2008

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,073	740
Pakistan	839	42
Total SAARC Region	2,306	785

Oil and Gas Reserves in SAARC Region in 2009

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,074	740
Pakistan	840	42
Total SAARC Region	2,308	785

Oil and Gas Reserves in SAARC Region in 2010

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,074	740
Pakistan	840	42
Total SAARC Region	2,308	785

Oil and Gas Reserves in SAARC Region in 2011

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,074	740
Pakistan	840	42
Total SAARC Region	2,308	785

Oil and Gas Reserves in SAARC Region in 2012

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,074	777
Pakistan	840	40
Total SAARC Region	2,308	820

Oil and Gas Reserves in SAARC Region in 2013

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	344	3
India	1,074	777
Pakistan	840	40
Total SAARC Region	2,308	820

Oil and Gas Reserves in SAARC Region in 2014

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	232	4
India	1,487	763
Pakistan	542	50
Total SAARC Region	2,311	817

Oil and Gas Reserves in SAARC Region in 2015

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	232	4
India	1,487	764
Pakistan	542	50
Total SAARC Region	2,311	818

Oil and Gas Reserves in SAARC Region in 2016

	Proved Recoverable Reserves	
	Natural Gas (Billion Cubic Meters)	Crude Oil and NGL (Million Tonnes)
Afghanistan	50	-
Bangladesh	232	4
India	1,487	764
Pakistan	542	50
Total SAARC Region	2,308	818

Uranium and HydroPower Resources in SAARC Region

(Thousand Tonnes of Oil Equivalent)

	2006	2009	2010	2011	2012	2013	2014
Afghanistan	-	394,000	394,000	394,000	394,000	394,000	394,000
Bangladesh	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Bhutan	263,000	263,000	263,000	263,000	263,000	263,000	263,000
India	2,638,000	2,638,000	2,638,000	2,638,000	2,638,000	2,638,000	2,638,000
Maldives	-	-	-	-	-	-	-
Nepal	733,000	733,000	733,000	733,000	733,000	733,000	733,000
Pakistan	480,000	475,000	475,000	475,000	475,000	475,000	475,000
Sri Lanka	18,000	21,000	21,000	21,000	21,000	21,000	21,000
Total SAARC Region	4,136,000	4,528,000	4,528,000	4,528,000	4,528,000	4,528,000	4,528,000

Uranium and HydroPower Resources in SAARC Region in 2006

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	-
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	42,600	22,300	2,638,000
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	480,000
Sri Lanka	-	-	18,000
Total SAARC Region	42,600	22,300	4,136,000

Uranium and HydroPower Resources in SAARC Region in 2009

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	394,000
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	55,200	24,900	2,638,000
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	475,000
Sri Lanka	-	-	21,000
Total SAARC Region	55,200	24,900	4,528,000

Uranium and HydroPower Resources in SAARC Region in 2010

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	394,000
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	55,200	24,900	2,638,000
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	475,000
Sri Lanka	-	-	21,000
Total SAARC Region	55,200	24,900	4,528,000

Uranium and HydroPower Resources in SAARC Region in 2011

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	394,000
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	55,200	24,900	263,800,0
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	475,000
Sri Lanka	-	-	21,000
Total SAARC Region	552,00	249,00	452,800,0

Uranium and HydroPower Resources in SAARC Region in 2012

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	394,000
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	55,200	24,900	263,800,0
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	475,000
Sri Lanka	-	-	21,000
Total SAARC Region	552,00	249,00	452,800,0

Uranium and HydroPower Resources in SAARC Region in 2013

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	394,000
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	55,200	24,900	263,800,0
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	475,000
Sri Lanka	-	-	21,000
Total SAARC Region	552,00	249,00	452,800,0

Uranium and HydroPower Resources in SAARC Region in 2014

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year)
	Reasonably Assured Resources	Inferred Resources	
Afghanistan	-	-	394,000
Bangladesh	-	-	4,000
Bhutan	-	-	263,000
India	552,00	249,00	263,800,0
Maldives	-	-	-
Nepal	-	-	733,000
Pakistan	-	-	475,000
Sri Lanka	-	-	21,000
Total SAARC Region	552,00	24,900	452,800,0

- The data set "Uranium and HydroPower Resources" for the year 2015-16 is not yet available.

PART V

ELECTRICITY



Electricity Net Installed Generating Capacities for 2006

(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	489	115	374	-	-	62	55	7	-	-	427	60	367	-	-
Bangladesh	5,245	5,015	230	-	-	1,258	1,258	-	-	-	3,987	3,757	230	-	-
Bhutan	1,505	17	1,488	-	-	-	-	-	-	-	1,505	17	1,488	-	-
India	154,725	116,050	34,775	3,900	-	22,336	22,275	61	-	-	132,389	93,775	34,714	3,900	-
Maldives	58	58	-	-	-	-	-	-	-	-	58	58	-	-	-
Nepal	617	57	560	-	-	151	-	151	-	-	466	57	409	-	-
Pakistan	19,419	12,478	6,479	462	-	5,822	5,822	-	-	-	13,597	6,656	6,479	462	-
Sri Lanka	2,434	1,115	1,316	-	3	-	-	-	-	-	2,434	1,115	1,316	-	3
Total SAARC Region	184,492	134,905	45,222	4,362	3	29,629	29,410	219	-	-	154,863	105,495	45,003	4,362	3

Electricity Net Installed Generating Capacities for 2007

(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	489	115	374	-	-	182	55	127	-	-	307	60	247	-	-
Bangladesh	5,245	5,015	230	-	-	1,258	1,258	-	-	-	3,987	3,757	230	-	-
Bhutan	1,505	17	1,488	-	-	0	-	-	-	-	1,505	17	1,488	-	-
India	168,048	127,958	35,970	4,120	-	24,987	24,926	61	-	-	143,061	103,032	35,909	4,120	-
Maldives	61	61	-	-	-	0	-	-	-	-	61	61	-	-	-
Nepal	622	57	565	-	-	152	-	152	-	-	470	57	413	-	-
Pakistan	19,420	12,478	6,480	462	-	5,822	5,822	-	-	-	13,598	6,656	6,480	462	-
Sri Lanka	2,444	1,115	1,326	-	3	-	-	-	-	-	2,444	1,115	1,326	-	3
Total SAARC Region	197,834	146,816	46,433	4,582	3	32,401	32,061	340	-	-	165,433	114,755	46,093	4,582	3

Electricity Net Installed Generating Capacities for 2008

(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	489	115	374	-	-	182	55	127	-	-	307	60	247	-	-
Bangladesh	5,453	5,223	230	-	-	1,258	1,258	-	-	-	4,195	3,965	230	-	-
Bhutan	1,505	17	1,488	-	-	-	-	-	-	-	1,505	17	1,488	-	-
India	174,947	133,888	36,939	4,120	-	26,981	26,920	61	-	-	147,966	106,968	36,878	4,120	-
Maldives	75	75	-	-	-	-	-	-	-	-	75	75	-	-	-
Nepal	625	57	568	-	-	153	-	153	-	-	472	57	415	-	-
Pakistan	19,785	12,842	6,481	462	-	5,987	5,987	-	-	-	13,798	6,855	6,481	462	-
Sri Lanka	2,641	1,297	1,341	-	3	-	-	-	-	-	2,641	1,297	1,341	-	3
Total SAARC Region	205,520	153,514	47,421	4,582	3	34,561	34,220	341	-	-	170,959	119,294	47,080	4,582	3

Electricity Net Installed Generating Capacities for 2009

(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	489	115	374	-	-	182	55	127	-	-	307	60	247	-	-
Bangladesh	5,719	5,489	230	-	-	1,907	1,907	-	-	-	3,812	3,582	230	-	-
Bhutan	1,505	17	1,488	-	-	-	-	-	-	-	1,505	17	1,488	-	-
India	187,872	146,388	36,924	4,560	-	28,474	28,413	61	-	-	159,398	117,975	36,863	4,560	-
Maldives	75	75	-	-	-	-	-	-	-	-	75	75	-	-	-
Nepal	630	57	573	-	-	155	-	155	-	-	475	57	418	-	-
Pakistan	20,921	13,978	6,481	462	-	7,123	7,123	-	-	-	13,798	6,855	6,481	462	-
Sri Lanka	2,698	1,317	1,378	-	3	-	-	-	-	-	2,698	1,317	1,378	-	3
Total SAARC Region	219,909	167,436	47,448	5,022	3	37,841	37,498	343	-	-	182,068	129,938	47,105	5,022	3

Electricity Net Installed Generating Capacities for 2010
(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	489	115	374	-	-	182	55	127	-	-	307	60	247	-	-
Bangladesh	5,827	5,597	230	-	-	1,911	1,911	-	-	-	3,916	3,686	230	-	-
Bhutan	1,505	17	1,488	-	-	-	-	-	-	-	1,505	17	1,488	-	-
India	206,526	164,118	37,628	4,780	-	32,900	32,839	61	-	-	173,626	131,279	37,567	4,780	-
Maldives	77	77	-	-	-	-	-	-	-	-	77	77	-	-	-
Nepal	630	57	573	-	-	155	-	155	-	-	475	57	418	-	-
Pakistan	22,477	15,209	6,481	787	-	8,363	8,363	-	-	-	14,114	6,846	6,481	787	-
Sri Lanka	2,818	1,402	1,383	-	33	-	-	-	-	-	2,818	1,402	1,383	-	33
Total SAARC Region	240,349	186,592	48,157	5,567	33	43,511	43,168	343	-	-	196,838	143,424	47,814	5,567	33

Electricity Net Installed Generating Capacities for 2011
(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	431	115	316	-	-	182	55	127	-	-	249	60	189	-	-
Bangladesh	6,639	6,409	230	-	-	1,911	1,911	-	-	-	4,728	4,498	230	-	-
Bhutan	1,505	17	1,488	-	-	-	-	-	-	-	1,505	17	1,488	-	-
India	236,387	192,556	39,051	4,780	-	36,510	36,449	61	-	-	199,877	156,107	38,990	4,780	-
Maldives	78	78	-	-	-	-	-	-	-	-	78	78	-	-	-
Nepal	762	53	709	-	-	155	-	155	-	-	607	53	554	-	-
Pakistan	22,797	15,454	6,556	787	-	8,353	8,353	-	-	-	14,444	7,101	6,556	787	-
Sri Lanka	3,140	1,702	1,401	-	37	-	-	-	-	-	3,140	1,702	1,401	-	37
Total SAARC Region	271,739	216,384	49,751	5,567	37	47,111	46,768	343	-	-	224,628	169,616	49,408	5,567	37

Electricity Net Installed Generating Capacities for 2012
(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	431	115	316	-	-	244	55	189	-	-	187	60	127	-	-
Bangladesh	8100	7870	230	-	-	2375	2375	-	-	-	5725	5495	230	-	-
Bhutan	1505	17	1488	-	-	-	-	-	-	-	1505	17	1488	-	-
India	259854	215522	39552	4780	-	36510	36449	61	-	-	223344	179073	39491	4780	-
Maldives	81	81	-	-	-	-	-	-	-	-	81	81	-	-	-
Nepal	762	53	709	-	-	155	-	155	-	-	607	53	554	-	-
Pakistan	23914	16488	6541	885	-	9361	9361	-	-	-	14553	7127	6541	885	-
Sri Lanka	3377	1716	1585	-	76	10	10	-	-	-	3367	1706	1585	-	76
Total SAARC Region	298024	241862	50421	5665	76	48655	48250	405	-	-	249369	193612	50016	5665	76

Electricity Net Installed Generating Capacities for 2013
(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	431	115	316	-	-	182	55	127	-	-	249	60	189	-	-
Bangladesh	8,537	8,222	315	-	-	2,222	2,222	-	-	-	6,315	6,000	315	-	-
Bhutan	1,505	17	1,488	-	-	-	-	-	-	-	1,505	17	1,488	-	-
India	271,290	226,449	40,061	4,780	-	36,510	36,449	61	-	-	234,780	190,000	40,000	4,780	-
Maldives	81	81	-	-	-	-	-	-	-	-	81	81	-	-	-
Nepal	771	53	718	-	-	155	-	155	-	-	616	53	563	-	-
Pakistan	23,914	16,488	6,541	885	-	9,361	9,361	-	-	-	14,553	7,127	6,541	885	-
Sri Lanka	3,218	1,601	1,617	-	-	10	10	-	-	-	3,208	1,591	1,617	-	-
Total SAARC Region	309,747	253,026	51,056	5,665	-	48,440	48,097	343	-	-	261,307	204,929	50,713	5,665	-

Electricity Net Installed Generating Capacities for 2014

(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	431	115	316	-	-	182	55	127	-	-	249	60	189	-	-
Bangladesh	11,557	11,302	230	-	25	2,357	2,357	-	-	-	9,200	8,945	230	-	25
Bhutan	1,631	17	1,614	-	-	-	-	-	-	-	1,631	17	1,614	-	-
India	316,379	241,396	40,061	5,780	29,142	44,657	42,651	61	-	1,945	271,722	198,745	40,000	5,780	27,197
Maldives	270	266	-	-	4	-	-	-	-	-	270	266	-	-	4
Nepal	828	53	775	-	-	175	-	175	-	-	653	53	600	-	-
Pakistan	23,686	15,888	6,893	750	155	8,558	8,558	-	-	-	15,128	7,330	6,893	750	155
Sri Lanka	4,056	2,243	1,664	-	149	10	10	-	-	-	4,046	2,233	1,664	-	149
Total SAARC Region	358,838	271,280	51,553	6,530	29,475	55,939	53,631	363	-	1,945	302,899	217,649	51,190	6,530	27,530

Electricity Net Installed Generating Capacities for 2015

(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	431	115	316	-	-	182	55	127	-	-	249	60	189	-	-
Bangladesh	11,059	10,784	250	-	25	2,377	2,377	-	-	-	8,682	8,407	250	-	25
Bhutan	1,624	18	1,606	-	-	-	-	-	-	-	1,624	18	1,606	-	-
India	287,130	210,430	40,333	5,780	30,587	82,016	79,955	61	-	2,000	205,114	130,475	40,272	5,780	28,587
Maldives	271	266	-	-	5	-	-	-	-	-	271	266	-	-	5
Nepal	801	53	738	-	10	107	-	97	-	10	694	53	641	-	-
Pakistan	25,827	17,234	7,001	750	842	9,283	9,283	-	-	-	16,544	7,951	7,001	750	842
Sri Lanka	3,949	2,108	1,684	-	157	355	20	307	-	28	3,594	2,088	1,377	-	129
Total SAARC Region	331,092	241,008	51,928	6,530	31,626	94,320	91,690	592	-	2,038	236,772	149,318	51,336	6,530	29,588

Electricity Net Installed Generating Capacities for 2016
(Thousand Kilowatts)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	519	135	384	-	-	195	65	130	-	-	324	70	254	-	-
Bangladesh	11,750	11,495	230	-	25	2,279	2,279	-	-	-	9,471	9,216	230	-	25
Bhutan	1,624	9	1,615	-	-	-	-	-	-	-	1,624	9	1,615	-	-
India	376,942	267,129	44,586	6,780	58,447	52,053	48,799	54	-	3,200	324,889	218,330	44,532	6,780	55,247
Maldives	271	266	-	-	5	125	125	-	-	-	146	141	-	-	5
Nepal	982	53	919	-	10	288	-	278	-	10	694	53	641	-	-
Pakistan	29,944	20,488	7,129	1,090	1,237	11,036	11,036	-	-	-	18,908	9,452	7,129	1,090	1,237
Sri Lanka	4,015	2,112	1,772	-	131	412	24	388	-	-	3,603	2,088	1,384	-	131
Total SAARC Region	426,047	301,687	56,635	7,870	59,855	66,388	62,328	850	-	3,210	359,659	239,359	55,785	7,870	56,645

Electricity Net Installed Generating Capacities by-type

(Mega Watts)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thermal	134,905	146,816	153,514	167,436	186,592	216,384	241,862	253,026	271,280	241,008	301,687
Hydro	45,222	46,433	47,421	47,448	48,157	49,751	50,421	51,056	51,553	51,928	56,635
Geo-thermal	3	3	3	3	33	37	76	-	29,475	31,626	7,870
Nuclear	4,362	4,582	4,582	5,022	5,567	5,567	5,655	5,665	6,530	6,530	59,855
Total	184,492	197,834	205,520	219,909	240,349	271,739	298,024	309,747	358,838	331,092	426,047

Production of Electricity by-type for 2006

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	913	267	646	-	-	232	67	165	-	-	681	200	481	-	-
Bangladesh	29,879	28,490	1,389	-	-	5,545	5,545	-	-	-	24,334	22,945	1,389	-	-
Bhutan	4,521	2	4,519	-	-	-	-	-	-	-	4,521	2	4,519	-	-
India	752,454	619,932	113,720	18,802	-	81,799	81,581	218	-	-	670,655	538,351	113,502	18,802	-
Maldives	212	212	-	-	-	-	-	-	-	-	212	212	-	-	-
Nepal	2,748	13	2,735	-	-	25	-	25	-	-	2,723	13	2,710	-	-
Pakistan	98,213	63,972	31,953	2,288	-	34,206	34,206	-	-	-	64,007	29,766	31,953	2,288	-
Sri Lanka	9,389	4,751	4,636	-	2	-	-	-	-	-	9,389	4,751	4,636	-	2
Total SAARC Region	898,329	717,639	159,598	21,090	2	121,807	121,399	408	-	-	776,522	596,240	159,190	21,090	2

Production of Electricity by-type for 2007

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	950	266	684	-	-	271	31	240	-	-	679	235	444	-	-
Bangladesh	31,286	29,894	1,392	-	-	6,908	6,908	-	-	-	24,378	22,986	1,392	-	-
Bhutan	6562	2	6560	-	-	-	-	-	-	-	6562	2	6560	-	-
India	813,102	675,556	120,589	16,957	-	90,476	90,274	202	-	-	722,626	585,282	120,387	16,957	-
Maldives	245	245	-	-	-	-	-	-	-	-	245	245	-	-	-
Nepal	2,792	9	2,783	-	-	31	-	31	-	-	2,761	9	2,752	-	-
Pakistan	95,661	63,877	28,707	3,077	-	35,231	35,231	-	-	-	60,430	28,646	28,707	3,077	-
Sri Lanka	9,814	5,864	3,948	-	2	-	-	-	-	-	9,814	5,864	3,948	-	2
Total SAARC Region	960,412	775,713	164,663	20,034	2	132,917	132,444	473	-	-	827,495	643,269	164,190	20,034	2

Production of Electricity by-type for 2008

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	788	247	541	-	-	229	47	182	-	-	559	200	359	-	-
Bangladesh	34,319	33,369	950	-	-	8,513	8,513	-	-	-	25,806	24,856	950	-	-
Bhutan	6,961	0	6,961	-	-	-	-	-	-	-	6,961	-	6,961	-	-
India	842,531	713,481	114,337	14,713	-	95,905	95,649	256	-	-	746,626	617,832	114,081	14,713	-
Maldives	280	280	-	-	-	-	-	-	-	-	280	280	-	-	-
Nepal	2,812	9	2,803	-	-	38	-	38	-	-	2,774	9	2,765	-	-
Pakistan	91,616	62,214	27,784	1,618	-	34,431	34,431	-	-	-	57,185	27,783	27,784	1,618	-
Sri Lanka	10,003	5,855	4,139	-	9	16	-	10	-	6	9,987	5,855	4,129	-	3
Total SAARC Region	989,310	815,455	157,515	16,331	9	139,132	138,640	486	-	-	850,178	676,815	157,029	16,331	3

Production of Electricity by-type for 2009

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	889	114	775	-	-	270	5	265	-	-	619	109	510	-	-
Bangladesh	37,225	36,808	417	-	-	10,049	10,049	-	-	-	27,176	26,759	417	-	-
Bhutan	6,998	0	6,998	-	-	0	-	-	-	-	6,998	-	6,998	-	-
India	899,389	773,844	106,909	18,636	-	103,108	102,879	229	-	-	796,281	670,965	106,680	18,636	-
Maldives	298	298	-	-	-	0	-	-	-	-	298	298	-	-	-
Nepal	3,115	13	3,102	-	-	42	-	42	-	-	3,073	13	3,060	-	-
Pakistan	95,358	64,371	28,093	2,894	-	36,814	36,814	-	-	-	58,544	27,557	28,093	2,894	-
Sri Lanka	9,988	6,086	3,891	-	11	17	-	10	-	7	9,971	6,086	3,881	-	4
Total SAARC Region	1,053,260	881,534	150,185	21,530	11	150,300	149,747	546	-	-	902,960	731,787	149,639	21,530	4

Production of Electricity by-type for 2010

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	892	125	767	-	-	270	5	265	-	-	622	120	502	-	-
Bangladesh	41,710	40,981	729	-	-	12,607	12,607	-	-	-	29,103	28,374	729	-	-
Bhutan	7,329	1	7,328	-	-	0	-	-	-	-	7,329	1	7,328	-	-
India	954,539	813,787	114,486	26,266	-	109,693	109,464	229	-	-	844,846	704,323	114,257	26,266	-
Maldives	256	256	-	-	-	0	-	-	-	-	256	256	-	-	-
Nepal	3,207	3	3,204	-	-	43	-	43	-	-	3,164	3	3,161	-	-
Pakistan	94,383	59,152	31,811	3,420	-	37,214	37,214	-	-	-	57,169	21,938	31,811	3,420	-
Sri Lanka	10,800	5,096	5,644	-	60	17	-	10	-	7	10,783	5,096	5,634	-	53
Total SAARC Region	1,113,116	919,401	163,969	29,686	60	159,844	159,290	547	-	7	953,272	760,111	163,422	29,686	53

Production of Electricity by-type for 2011

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	1,005	176	829	-	-	286	5	281	-	-	719	171	548	-	-
Bangladesh	44,061	43,189	872	-	-	12,893	12,893	-	-	-	31,168	30,296	872	-	-
Bhutan	7,067	0	7,067	-	-	0	-	-	-	-	7,067	-	7,067	-	-
India	973,006	836,978	103,741	32,287	-	128,401	128,172	229	-	-	844,605	708,806	103,512	32,287	-
Maldives	274	274	-	-	-	0	-	-	-	-	274	274	-	-	-
Nepal	3,312	3	3,309	-	-	44	-	44	-	-	3,268	3	3,265	-	-
Pakistan	95,090	61,308	28,517	5,265	-	39,674	39,674	-	-	-	55,416	21,634	28,517	5,265	-
Sri Lanka	11,619	6,934	4,584	-	101	37	18	11	-	8	11,582	6,916	4,573	-	93
Total SAARC Region	1,135,434	948,862	148,919	37,552	101	181,335	180,762	565	-	8	954,099	768,100	148,354	37,552	93

Production of Electricity by-type for 2012

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	1,022	144	878	-	-	301	5	296	-	-	721	139	582	-	-
Bangladesh	48,562	47,785	777	-	-	13,208	13,208	-	-	-	35,354	34,577	777	-	-
Bhutan	6,827	0	6,827	-	-	0	-	-	-	-	6,827	-	6,827	-	-
India	1,035,264	888,538	113,855	32,871	-	128,401	128,172	229	-	-	906,863	760,366	113,626	32,871	-
Maldives	594	297	297	-	-	0	-	-	-	-	594	297	297	-	-
Nepal	3,543	10	3,533	-	-	84	-	84	-	-	3,459	10	3,449	-	-
Pakistan	96,126	61,716	29,857	4,553	-	40,174	40,174	-	-	-	55,952	21,542	29,857	4,553	-
Sri Lanka	11,887	8,439	3,291	-	156	8	-	-	-	8	11,879	8,439	3,291	-	149
Total SAARC Region	1,203,825	1,006,929	159,315	37,424	156	182,176	181,559	609	-	8	1,021,649	825,370	158,706	37,424	149

Production of Electricity by-type for 2013

(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	1,022	218	804	-	-	276	5	271	-	-	746	213	533	-	-
Bangladesh	52,894	52,000	894	-	-	14,277	14,277	-	-	-	38,617	37,723	894	-	-
Bhutan	7,641	1	7,640	-	-	-	-	-	-	-	7,641	1	7,640	-	-
India	1,156,464	980,599	141,637	34,228	-	188,251	188,122	129	-	-	968,213	792,477	141,508	34,228	-
Maldives	303	303	-	-	-	-	-	-	-	-	303	303	-	-	-
Nepal	3,130	10	3,120	-	-	137	-	137	-	-	2,993	10	2,983	-	-
Pakistan	97,792	61,865	31,173	4,754	-	40,000	40,000	-	-	-	57,792	21,865	31,173	4,754	-
Sri Lanka	4,883	4,870	13	-	-	11	-	11	-	-	4,872	4,870	2	-	-
Total SAARC Region	1,324,129	1,099,866	185,281	38,982	-	242,952	242,404	548	-	-	1,081,177	857,462	184,733	38,982	-

Production of Electricity by-type for 2014 (Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	1,049	154	895	-	-	307	5	302	-	-	742	149	593	-	-
Bangladesh	55,845	55,108	588	-	149	15,418	15,418	-	-	-	40,427	39,690	588	-	149
Bhutan	7,004	1	7,003	-	-	-	-	-	-	-	7,004	1	7,003	-	-
India	1,306,904	1,111,341	129,353	36,102	30,108	160,088	159,837	109	-	142	1,146,816	951,504	129,244	36,102	29,966
Maldives	328	326	-	-	2	-	-	-	-	-	328	326	-	-	2
Nepal	3,507	9	3,498	-	-	140	-	140	-	-	3,367	9	3,358	-	-
Pakistan	105,305	68,390	31,428	5,090	397	44,257	44,257	-	-	-	61,048	24,133	31,428	5,090	397
Sri Lanka	8,279	7,985	12	-	282	20	-	11	-	9	8,259	7,985	1	-	273
Total SAARC Region	1,488,221	1,243,314	172,777	41,192	30,938	220,230	219,517	562	-	151	1,267,991	1,023,797	172,215	41,192	30,787

Production of Electricity by-type for 2015 (Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	1,035	145	890	-	-	305	5	300	-	-	730	140	590	-	-
Bangladesh	59,011	58,287	566	-	158	16,109	16,109	-	-	-	42,902	42,178	566	-	158
Bhutan	7,749	1	7,748	-	-	-	-	-	-	-	7,749	1	7,748	-	-
India	1,354,382	1,158,338	121,546	37,414	37,084	218,948	215,325	169	-	3,454	1,135,434	943,013	121,377	37,414	33,630
Maldives	392	387	-	-	5	0	-	-	-	-	392	387	-	-	5
Nepal	29,972	26,469	3,496	-	7	154	-	154	-	-	3,349	-	3,342	-	7
Pakistan	95,460	55,337	33,913	4,602	1,608	48,599	48,540	-	-	59	66,533	26,469	33,913	4,602	1,549
Sri Lanka	13,171	6,855	5,970	0	346	1,123	58	1,065	-	-	12,048	6,797	4,905	-	346
Total SAARC Region	1,561,172	1,305,819	174,129	42,016	39,208	285,238	280,037	1,688	-	3,513	1,269,137	1,018,985	172,441	42,016	35,695

Production of Electricity by-type for 2016
(Million KiloWatt-hours)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	1,077	150	927	-	-	318	5	313	-	-	759	145	614	-	-
Bangladesh	64,327	63,591	566	-	170	17,264	17,264	-	-	-	47,063	46,327	566	-	170
Bhutan	7,953	-	7,953	-	-	-	-	-	-	-	7,953	-	7,953	-	-
India	1,396,811	1,188,280	122,507	37,916	48,108	198,432	194,764	129	-	3,539	1,198,379	993,516	122,378	37,916	44,569
Maldives	644	639	-	-	5	219	219	-	-	-	425	420	-	-	5
Nepal	33,962	29,718	4,237	-	7	155	-	155	-	-	4,089	-	4,082	-	7
Pakistan	103,030	61,180	32,183	6,999	2,668	51,550	51,550	-	-	-	71,568	29,718	32,183	6,999	2,668
Sri Lanka	14,362	9,721	4,221	-	420	187	91	25	-	71	14,175	9,630	4,196	-	349
Total SAARC Region	1,622,166	1,353,279	172,594	44,915	51,378	268,125	263,893	622	-	3,610	1,344,411	1,079,756	171,972	44,915	47,768

Electricity Generation By-Type
(Giga Watt-Hours)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Thermal	717,639	775,713	815,456	881,534	919,401	948,845	1,006,929	1,099,866	1,243,314	1,305,819	1,353,279
Hydro	159,598	164,663	157,515	150,185	163,969	148,919	159,315	185,281	172,777	174,129	172,594
Geo-thermal	2	2	9	11	60	101	156		30,938	39,208	44,915
Nuclear	21,090	20,034	16,331	21,530	29,686	37,552	37,424	38,982	41,192	42,016	51,378
Total	898,329	960,412	989,311	1,053,260	1,113,116	1,135,417	1,203,825	1,324,129	1,488,221	1,561,172	1,622,166

Utilization of Installed Electric Generating Capacity by-type for 2006
(KiloWatt-hours per Kilowatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	5,862	4,551	1,311	-	-	1,218	1,218	-	-	-	4,644	3,333	1,311	-	-
Bangladesh	16,194	10,155	6,039	-	-	4,048	4,048	-	-	-	12,146	6,107	6,039	-	-
Bhutan	3,152	115	3,037	-	-	-	-	-	-	-	3,152	115	3,037	-	-
India	21,068	9,403	6,844	4,821	-	7,236	3,662	3,574	-	-	13,832	5,741	3,270	4,821	-
Maldives	3,655	3,655	-	-	-	-	-	-	-	-	3,655	3,655	-	-	-
Nepal	7,020	228	6,792	-	-	166	-	166	-	-	6,854	228	6,626	-	-
Pakistan	20,231	10,347	4,932	4,952	-	5,875	5,875	-	-	-	14,356	4,472	4,932	4,952	-
Sri Lanka	8,451	4,261	3,523	-	-	-	-	-	-	-	8,451	4,261	3,523	-	667
Total SAARC Region	85,633	42,715	32,478	9,773	-	18,543	14,803	3,740	-	-	67,090	27,912	28,738	9,773	667

Utilization of Installed Electric Generating Capacity by-type for 2007
(KiloWatt-hours per Kilowatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	8,169	4,481	3,688	-	-	2,454	564	1,890	-	-	5,715	3,917	1,798	-	-
Bangladesh	17,661	11,609	6,052	-	-	5,491	5,491	-	-	-	12,170	6,118	6,052	-	-
Bhutan	4,524	115	4,409	-	-	-	-	-	-	-	4,524	115	4,409	-	-
India	20,123	9,343	6,664	4,116	-	6,973	3,662	3,311	-	-	13,150	5,681	3,353	4,116	-
Maldives	4,016	4,016	-	-	-	-	-	-	-	-	4,016	4,016	-	-	-
Nepal	7,025	158	6,867	-	-	204	-	204	-	-	6,821	158	6,663	-	-
Pakistan	21,445	10,355	4,430	6,660	-	6,051	6,051	-	-	-	15,394	4,304	4,430	6,660	-
Sri Lanka	8,903	5,259	2,977	-	-	-	-	-	-	-	8,903	5,259	2,977	-	667
Total SAARC Region	91,866	45,336	35,087	10,776	-	21,173	15,768	5,405	-	-	70,693	29,568	29,682	10,776	667

Utilization of Installed Electric Generating Capacity by-type for 2008
(KiloWatt-hours per Kilowatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	7,074	4,188	2,886	-	-	2,288	855	1,433	-	-	4,786	3,333	1,453	-	-
Bangladesh	17,166	13,036	4,130	-	-	6,767	6,767	-	-	-	10,399	6,269	4,130	-	-
Bhutan	4,701	23	4,678	-	-	-	-	-	-	-	4,701	23	4,678	-	-
India	20,190	9,329	7,290	3,571	-	7,750	3,553	4,197	-	-	12,440	5,776	3,093	3,571	-
Maldives	3,733	3,733	-	-	-	-	-	-	-	-	3,733	3,733	-	-	-
Nepal	7,069	158	6,911	-	-	248	-	248	-	-	6,821	158	6,663	-	-
Pakistan	17,593	9,804	4,287	3,502	-	5,751	5,751	-	-	-	11,842	4,053	4,287	3,502	-
Sri Lanka	8,593	4,514	3,079	-	-	-	-	-	-	-	8,593	4,514	3,079	-	1,000
Total SAARC Region	86,119	44,785	33,261	7,073	-	22,804	16,926	5,878	-	-	63,315	27,859	27,383	7,073	1,000

Utilization of Installed Electric Generating Capacity by-type for 2009
(KiloWatt-hours per KiloWatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	6,060	1,908	4,152	-	-	2,178	91	2,087	-	-	3,882	1,817	2,065	-	-
Bangladesh	14,553	12,740	1,813	-	-	5,270	5,270	-	-	-	9,283	7,470	1,813	-	-
Bhutan	4,720	17	4,703	-	-	-	-	-	-	-	4,720	17	4,703	-	-
India	20,043	9,308	6,648	4,087	-	7,375	3,621	3,754	-	-	12,668	5,687	2,894	4,087	-
Maldives	3,973	3,973	-	-	-	-	-	-	-	-	3,973	3,973	-	-	-
Nepal	7,820	228	7,592	-	-	271	-	271	-	-	7,549	228	7,321	-	-
Pakistan	19,787	9,188	4,335	6,264	-	5,168	5,168	-	-	-	14,619	4,020	4,335	6,264	-
Sri Lanka	8,770	4,621	2,816	-	-	-	-	-	-	-	8,770	4,621	2,816	-	1,333
Total SAARC Region	85,726	41,983	32,059	10,351	-	20,262	14,150	6,112	-	-	65,464	27,833	25,947	10,351	1,333

Utilization of Installed Electric Generating Capacity by-type for 2010
(KiloWatt-hours per KiloWatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	6,210	2,091	4,119	-	-	2,178	91	2,087	-	-	4,032	2,000	2,032	-	-
Bangladesh	17,465	14,295	3,170	-	-	6,597	6,597	-	-	-	10,868	7,698	3,170	-	-
Bhutan	4,984	59	4,925	-	-	-	-	-	-	-	4,984	59	4,925	-	-
India	20,988	8,698	6,795	5,495	-	7,087	3,333	3,754	-	-	13,901	5,365	3,041	5,495	-
Maldives	3,325	3,325	-	-	-	-	-	-	-	-	3,325	3,325	-	-	-
Nepal	7,892	53	7,839	-	-	277	-	277	-	-	7,615	53	7,562	-	-
Pakistan	16,908	7,654	4,908	4,346	-	4,450	4,450	-	-	-	12,458	3,204	4,908	4,346	-
Sri Lanka	9,315	3,635	4,074	-	-	-	-	-	-	-	9,315	3,635	4,074	-	1,606
Total SAARC Region	87,087	39,810	35,830	9,841	-	20,589	14,471	6,118	-	-	66,498	25,339	29,712	9,841	1,606

Utilization of Installed Electric Generating Capacity by-type for 2011

(KiloWatt-hours per Kilowatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	8053	2941	5112	-	-	2304	91	2213	-	-	5749	2850	2899	-	-
Bangladesh	17273	13482	3791	-	-	6747	6747	-	-	-	10526	6735	3791	-	-
Bhutan	4773	24	4749	-	-	-	-	-	-	-	4773	24	4749	-	-
India	21221	8057	6409	6755	-	7270	3516	3754	-	-	13951	4541	2655	6755	-
Maldives	3513	3513	-	-	-	-	-	-	-	-	3513	3513	-	-	-
Nepal	6235	57	6178	-	-	284	-	284	-	-	5951	57	5894	-	-
Pakistan	18837	7797	4350	6690	-	4750	4750	-	-	-	14087	3047	4350	6690	-
Sri Lanka	9841	4063	3264	-	-	-	-	-	-	-	9841	4063	3264	-	2514
Total SAARC Region	89746	39934	33853	13445	-	21355	15104	6251	-	-	68391	24830	27602	13445	2514

Utilization of Installed Electric Generating Capacity by-type for 2012

(KiloWatt-hours per Kilowatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	8,053	2,941	5,112	-	-	2,304	91	2,213	-	-	5,749	2,850	2,899	-	-
Bangladesh	17,273	13,482	3,791	-	-	6,747	6,747	-	-	-	10,526	6,735	3,791	-	-
Bhutan	4,773	24	4,749	-	-	-	-	-	-	-	4,773	24	4,749	-	-
India	21,221	8,057	6,409	6,755	-	7,270	3,516	3,754	-	-	13,951	4,541	2,655	6,755	-
Maldives	3,513	3,513	-	-	-	-	-	-	-	-	3,513	3,513	-	-	-
Nepal	6,235	57	6,178	-	-	284	-	284	-	-	5,951	57	5,894	-	-
Pakistan	18,837	7,797	4,350	6,690	-	4,750	4,750	-	-	-	14,087	3,047	4,350	6,690	-
Sri Lanka	9,841	4,063	3,264	-	-	-	-	-	-	-	9,841	4,063	3,264	-	2,514
Total SAARC Region	89,746	39,934	33,853	13,445	-	21,355	15,104	6,251	-	-	68,391	24,830	27,602	13,445	2,514

Utilization of Installed Electric Generating Capacity by-type for 2013

(KiloWatt-hours per KiloWatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	8,053	2,941	5,112	-	-	2,304	91	2,213	-	-	5,749	2,850	2,899	-	-
Bangladesh	17,273	13,482	3,791	-	-	6,747	6,747	-	-	-	10,526	6,735	3,791	-	-
Bhutan	4,773	24	4,749	-	-	-	-	-	-	-	4,773	24	4,749	-	-
India	21,221	8,057	6,409	6,755	-	7,270	3,516	3,754	-	-	13,951	4,541	2,655	6,755	-
Maldives	3,513	3,513	-	-	-	-	-	-	-	-	3,513	3,513	-	-	-
Nepal	6,235	57	6,178	-	-	284	-	284	-	-	5,951	57	5,894	-	-
Pakistan	18,837	7,797	4,350	6,690	-	4,750	4,750	-	-	-	14,087	3,047	4,350	6,690	-
Sri Lanka	9,841	4,063	3,264	-	-	-	-	-	-	-	9,841	4,063	3,264	-	2,514
Total SAARC Region	89,746	39,934	33,853	13,445	-	21,355	15,104	6,251	-	-	68,391	24,830	27,602	13,445	2,514

Utilization of Installed Electric Generating Capacity by-type for 2014

(KiloWatt-hours per KiloWatt)

	Self-Producers and Public Utilities					Self-Producers					Public Utilities				
	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal	Total	Thermal	Hydro	Nuclear	Geo Thermal
Afghanistan	8,053	2,941	5,112	-	-	2,304	91	2,213	-	-	5,749	2,850	2,899	-	-
Bangladesh	17,273	13,482	3,791	-	-	6,747	6,747	-	-	-	10,526	6,735	3,791	-	-
Bhutan	4,773	24	4,749	-	-	-	-	-	-	-	4,773	24	4,749	-	-
India	21,221	8,057	6,409	6,755	-	7,270	3,516	3,754	-	-	13,951	4,541	2,655	6,755	-
Maldives	3,513	3,513	-	-	-	-	-	-	-	-	3,513	3,513	-	-	-
Nepal	6,235	57	6,178	-	-	284	-	284	-	-	5,951	57	5,894	-	-
Pakistan	18,837	7,797	4,350	6,690	-	4,750	4,750	-	-	-	14,087	3,047	4,350	6,690	-
Sri Lanka	9,841	4,063	3,264	-	-	-	-	-	-	-	9,841	4,063	3,264	-	2,514
Total SAARC Region	89,746	39,934	33,853	13,445	-	21,355	15,104	6,251	-	-	68,391	24,830	27,602	13,445	2,514

The data set "Utilization of Installed Electric Generating Capacity by-type" for the year 2015-16 is not yet available.

Electricity Production, Trade and Supply for 2006

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	913	594	-	1,507
Bangladesh	29,879	-	-	29,879
Bhutan	4,521	11	3,644	8,176
India	752,454	2,957	216	755,627
Maldives	212	-	-	212
Nepal	2,748	329	77	3,154
Pakistan	98,213	171	-	98,384
Sri Lanka	9,389	-	-	9,389
Total SAARC Region	898,329	4,062	3,937	906,328

Electricity Production, Trade and Supply for 2007

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	950	785	-	1,735
Bangladesh	31,286	-	-	31,286
Bhutan	6,562	7	5,429	11,998
India	813,102	5,230	290	818,622
Maldives	245	-	-	245
Nepal	2,792	425	60	3,277
Pakistan	95,661	199	-	95,860
Sri Lanka	9,814	-	-	9,814
Total SAARC Region	960,412	6,646	5,779	961,279

Electricity Production, Trade and Supply for 2008

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	788	835	-	1,623
Bangladesh	34,319	-	-	34,319
Bhutan	6,961	17	5,609	12,587
India	842,531	5,899	327	848,757
Maldives	280	-	-	280
Nepal	2,812	356	46	3,214
Pakistan	91,616	227	-	91,843
Sri Lanka	10,003	-	-	10,003
Total SAARC Region	989,310	7,334	5,982	1,002,626

Electricity Production, Trade and Supply for 2009

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	889	957	-	1,846
Bangladesh	37,225	-	-	37,225
Bhutan	6,998	20	5,352	12,370
India	899,389	5,359	519	905,267
Maldives	298	-	-	298
Nepal	3,115	639	75	3,829
Pakistan	95,358	249	-	95,607
Sri Lanka	9,988	-	-	9,988
Total SAARC Region	1,053,260	7,224	5,946	1,066,430

Electricity Production, Trade and Supply for 2010

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	892	1,867	-	2,759
Bangladesh	41,710	-	-	41,710
Bhutan	7,329	20	5,268	12,617
India	954,539	5,610	584	960,733
Maldives	256	-	-	256
Nepal	3,207	694	30	3,931
Pakistan	94,383	269	-	94,652
Sri Lanka	10,801	-	-	10,801
Total SAARC Region	1,113,117	8,460	5,882	1,127,459

Electricity Production, Trade and Supply for 2011

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1,005	2,732	-	3,737
Bangladesh	44,061	-	-	44,061
Bhutan	7,068	20	5,268	12,356
India	973,006	8,441	-	981,447
Maldives	274	-	-	274
Nepal	3,312	721	31	4,064
Pakistan	95,090	274	-	95,364
Sri Lanka	11,600	-	-	11,600
Total SAARC Region	1,135,416	12,188	5,299	1,152,903

Electricity Production, Trade and Supply for 2012

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1,022	3,071	-	4,093
Bangladesh	48,562	-	-	48,562
Bhutan	6,827	37	4,890	11,754
India	1,035,264	5,152	-	1,040,416
Maldives	297	-	-	297
Nepal	3,543	793	4	4,340
Pakistan	96,126	375	-	96,501
Sri Lanka	11,897	-	-	11,897
Total SAARC Region	1,203,538	9,428	4,894	1,217,860

Electricity Production, Trade and Supply for 2013

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1,042	3,615	-	4,657
Bangladesh	52,894	-	-	52,894
Bhutan	7,641	108	5,648	13,397
India	1,156,464	5,598	-	1,162,062
Maldives	313	-	-	313
Nepal	3,130	1,072	4	4,206
Pakistan	97,792	392	-	98,184
Sri Lanka	12,045	-	-	12,045
Total SAARC Region	1,331,321	10,785	5,652	1,347,759

Electricity Production, Trade and Supply for 2014

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1,049	3,710	-	4,759
Bangladesh	55,845	-	-	55,845
Bhutan	7,004	187	4,992	12,183
India	1,308,873	4,998	-	1,313,871
Maldives	329	-	-	329
Nepal	3,508	1,318	3	4,829
Pakistan	105,305	428	-	105,733
Sri Lanka	12,832	-	-	12,832
Total SAARC Region	1,494,744	10,641	4,995	1,510,381

Electricity Production, Trade and Supply for 2015

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1,034	3,779	-	4,813
Bangladesh	59,011	-	-	59,011
Bhutan	7,748	125	5,722	13,595
India	1,354,382	5,244	-	1,359,626
Maldives	391	-	-	391
Nepal	3,503	1,758	3	5,264
Pakistan	115,073	437	-	115,510
Sri Lanka	13,227	-	-	13,227
Total SAARC Region	1,554,368	11,343	5,725	1,571,437

Electricity Production, Trade and Supply for 2016

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1,076	4,400	-	5,476
Bangladesh	64,327	-	-	64,327
Bhutan	7,954	84	5,763	13,801
India	1,432,358	5,617	6,710	1,444,685
Maldives	644	-	-	644
Nepal	4,244	2,175	3	6,422
Pakistan	123,118	496	-	123,614
Sri Lanka	14,361	-	-	14,361
Total SAARC Region	1,648,082	12,772	12,477	1,673,331



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