



SOUTH ASIAN ASSOCIATION FOR REGIONAL COOPERATION
Comprising Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka

**SAARC ENERGY
DATA BOOK (2003-2013)**

SAARC ENERGY CENTRE
Islamabad, Pakistan
December 2016

INSIDE FRONT COVER
BLANK



SAARC ENERGY DATA BOOK (2003-2013)

Published by

SAARC Energy Centre

697, St. 43, E-11/4 (NPF), Islamabad, Pakistan

Tel: +(92 51) 222 2089. Fax: +(92 51) 222 1937

E-mail: info@saarcenergy.org

Also available on Website

www.saarcenergy.org

Islamabad, Pakistan, December 2016

LIST OF CONTENTS

Foreword	iv
Concepts and definitions of terms used	v
Conversion factors	xiii
Abbreviations	xiv
 ENERGY BALANCES	
Total energy ('000' toe)	2
Solid fuels ('000' tce)	25
Liquid fuels ('000' toe)	37
Natural gas (million cubic metre)	49
Electricity (million kWh)	61
Biomass energy ('000' toe)	73
 ENERGY PRODUCTION AND SUPPLY	
Total domestic energy production ('000' toe)	86
Total energy supplies ('000' toe)	93
 ENERGY CONSUMPTION	
Total final energy consumption by-country ('000' toe)	101
Energy consumption in iron and steel industry ('000' toe)	113
Energy consumption in chemical industry ('000' toe)	118
Energy consumption in road transport ('000' toe)	123
Energy consumption in rail transport ('000' toe)	129
Energy consumption in other modes of transportation ('000' toe)	135
Energy consumption in household sector ('000' toe)	141
Energy consumption in agriculture sector ('000' toe)	147
Energy consumption by other consumers ('000' toe)	153
Energy consumption for Thermal power generation ('000' toe)	159
 ENERGY RESOURCES AND RESERVES	
Solid fuels resources and reserves	166
Oil and natural gas reserves	173
Uranium and hydropower resources	175
 ELECTRICITY	
Electricity net Installed generating capacities (thousand kW)	194
Electricity production by type (million kWh)	206
Utilization of installed electricity generating capacities (kWh/kW)	207
Electricity production, trade and supply (million kWh)	218

FOREWORD

This is the fourth 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 2003 to 2013. 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 in the 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: December 2016

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
1 Tera Joule	1	0.0235	0.2778	0.0341	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	29.3076
Lignite	11.2834
Peat	9.5250
Patent fuel (hard coal briquettes)	29.3076
Lignite briquettes	19.6361
Gas coke	26.3768
Coke-oven coke	26.3768
Brown coal coke	19.6361
Oil Equivalent	42.6216
Crude petroleum	42.3000
Natural gas liquids	45.1923
Aviation gasoline	43.9614
Motor gasoline	43.9614
Natural gasoline	44.8992
Jet fuel	43.1994
Kerosene	43.1994
Naphtha	44.1289
White/industrial spirit	43.2078
Residual fuel oil	41.4996
Gas-diesel oil	42.4960
Lubricants	42.1401
Feed stocks	43.9405
Plant condensate	44.3131
Bitumen (asphalt)	41.8000
Petroleum wax	43.3334
Petroleum coke	36.4000
Other petroleum products	42.4960
Liquefied petroleum gas	45.5440
Refinery gas	41.8760
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)	3.6000
Fuel wood (10 ³ m ³)	9.1350
Bagasse	7.7221
Other biomass and wastes	8.4000
Vegetal wastes	12.5000
Other non-commercial energy sources	8.4000
Alcohol	27.6300
Biodiesel	37.0000
Charcoal	28.8888

**SPECIFIC CONVERSION FACTORS
(T/J Thousand tonnes)**

HARD COAL

		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Bangladesh		20.934	20.934	20.934	20.934	20.926	20.926	20.926	20.926	20.926	20.926	20.900
India		24.283	24.283	24.283	24.283	24.283	24.283	24.283	24.283	24.283	24.283	24.300
Pakistan	A	19.799	19.799	19.800	19.800	19.800	19.800	19.800	19.800	19.800	19.800	18.800
	B	29.002	29.002	29.002	29.002	29.000	29.000	29.000	29.100	29.100	29.100	27.600
	C	22.236	22.768	23.655	23.190	23.190	23.190	24.901	25.122	24.942	25.000	24.000

LIGNITE/BROWN COAL (TJ/Thousand tonnes)

India	9.6715	9.672	9.672	9.672	9.672	9.672	9.672	9.672	9.672	9.546	9.546	9.500
-------	--------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

A: Specific factor used to convert production, exports and stock change data.

B: Specific factors used to 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	Value is zero

Part I:

ENERGY BALANCES

TOTAL ENERGY BALANCE SHEET OF SAARC REGION

(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Production of Primary Energy	518731	533969	552853	584118	609127	644107	678295	698278	710779	859297	869329
Imports	135702	149162	158699	185806	204184	212429	241488	252898	279902	329501	353778
Exports	-16578	-20439	-23437	-36331	-42789	-43473	-53943	-65103	-64882	-64770	-62896
Marine/aviation bunkers	-3149	-3656	-4308	-4933	-5442	-5331	-5906	-6024	-6232	-6381	-9800
Stock Exchange	-487	-1446	-5590	-6296	-1431	10525	8740	-6727	-4582	-4375	-4929
TOTAL PRIMARY ENERGY SUPPLY	634218	657592	678217	722364	763649	88257	868673	873322	914984	1113272	1145353
ENERGY Converted	-158914	-169087	-171168	-178163	-192751	201438	-2141161	-191746	210523	-403742	-400078
Briquetting plants	311	210	274	213	231	236	248	279	362	0	0
Coke ovens and coke plants	-3948	-4065	-4251	-2939	-3536	-780	-4479	-1628	-2599	-11160	-25820
Gasworks	15	14	15	15	16	17	18	18	19	0	0
Blast furnaces	3140	2872	3214	3769	3716	4830	5265	5190	5457	-92	-17521
Petroleum refineries	6800	-3687	-6054	-6596	-7180	-9160	-353	-4750	6489	-10200	10320
NGL processing plants	21	20	20	20	20	180	190	175	178	0	0
Electric power plants	-153956	-165971	-165921	-171176	-184596	-194705	-213792	-188967	-218348	-272078	-263888
Other conversion industries	2303	1520	1535	-1470	-1421	-2056	-2058	-2064	-2081	-25097	-10197
Consumption by energy sector	-9419	-9814	-10407	-12518	-12593	-25382	-24743	-24957	-25184	-4714	-4914
Losses in transportation & distribution	-18222	-18009	-18484	-19069	-19191	-16276	-18622	-16301	-18801	-1517	-1301
Consumption for non-energy uses	-32584	-35410	-34096	-39311	-4442-8	-36056	-41341	-36125	-37733	-34125	-34125
Statistical differences	5985	9991	12048	11483	590	-15000	-6989	34816	37900	93803	38155
FINAL ENERGY CONSUMPTION	409094	415280	432013	46189	494096	554106	57995	569378	584841	575372	666780
Consumption by industry and const.	152,787	152,123	163,438	175,064	190,019	232,308	237,021	215,980	229,929	225105	291345
Iron and steel industry	31068	32283	35444	45885	49935	50794	54222	50666	48147	49023	56212
Chemical industry	5458	5680	2017	2162	8755	6437	5433	2040	11001	16027	10223
Other industry and construction	116261	114160	125977	127017	131329	175077	177366	163274	170781	160055	224909
Consumption by transport	43106	45661	44625	48647	51737	37490	40265	42944	44734	46456	93852
Road	38652	40932	39329	43172	48114	29546	32998	35678	37960	41376	87763
Rail	2728	2884	3174	3117	1657	3467	3737	3925	3994	4263	4426
Air	853	982	972	987	1020	755	765	766	582	0	0
Inland and coastal waterways	622	663	895	1099	898	2038	1792	1112	1116	0	0
By other modes of transportation	251	200	255	272	48	1684	973	1463	1082	917	1663
Cons. By Households and Other consu	213201	117496	223949	298108	252339	284308	298710	310455	310178	303811	281583
Households	182818	186790	190255	193894	198003	199949	203112	211767	214758	216578	223465
Agriculture	11457	11759	9438	17888	19563	12392	13253	13558	13666	14716	25162
Other consumers	18926	18947	24257	26327	34774	71966	82346	85131	81754	73614	32956

Energy Balance Sheet of SAARC Region By-Source 2003
(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	213778		40254					58074		11088	195536		518731
Imports	16603	1173	99124	4825	8940	2810	2048			177		1	135702
Exports	-951	-122	-236	-7835	-6942	-332				-154		-6	-16578
Marine/aviation bunkers				-2957	-192								-3149
Stock Exchange								6	0				-487
TOTAL PRIMARY ENERGY SUPPLY	228469	1051	139266	-5931	2109	2483	2048	58080		11111	195536	-5	634218
ENERGY Converted	-177395	8498	-139050	40490	51099	16720	11445	-27367	3426	51970	-1056	2304	-158914
Briquetting plants		311					2694						311
Coke ovens and coke plants	-12407	8459											-3948
Gasworks									15				15
Blast furnaces		-271					-2933		3411				3140
Petroleum refineries			-134670	41634	62472	15013	8751						-6800
NGL processing plants			-4380			1707	2694						21
Electric power plants	-164988			-1144	-11373			-27367		51970	-1055		-153957
Other conversion industries		48471									-1	2304	2303
Consumption by energy sector			-82		-231			-2476		-3697			-9419
Losses in transport. and distribution				-1	-4			-1197		-17020			-18222
Consumption for non-energy uses				245M		-8978		-14239					-32584
Statistical differences	2603		135	1987	-3784	3916	250	-2910		5056	43	8	5985
FINAL ENERGY CONSUMPTION	48471	9549		24524	56757	6308	10311	15711	3426	37308	194437	2292	409094
Consumption by industry and const.	47711	9238		1987	18950	6308	2	9796	3426	12880	42336		152786
Iron and steel industry	16905	9238		406	761			332	3426				31068
Chemical industrv	1181			106	3392			779					5458
Other industry and construction	29626	1		1476	14797	6308	153	8685		12880	42336		116261
Consumption by transport	3			10769	31189		2	365		779			43107
Road		757		9915	28370		2	365					38652
Rail	3	209		10620	1946		9997			779			2728
Air				853									853
Inland and coastal waterways					622								622
By other modes of transportation	587				251								251
Cons. By Households and Other cons	757			11768	6617		10156	5550		23469	152101	2292	213201
Households	209	311		10620			9997	4737		10452	146389	102	182818
Agriculture					3349		0	146		7961			11457
Other consumers	548			1148	3268		158	667		5236	5712	2190	18926

Energy Balance Sheet of SAARC Region By-Source 2004
(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	227054		40737					60807		11807	193564		533969
Imports	20824	1557	105694	4243	10825	3154	2679			186	0	1	149162
Exports	-797	-96	-40	-9572	-9080	-527	-155			-169		-3	-20439
Marine/aviation bunkers				-3435	-221								-3656
Stock Exchange	-1596		-74	-19	240	-4		7					-1446
TOTAL PRIMARY ENERGY SUPPLY	245485	1461	146317	-8783	1764	2623	2524	60815		11824	193564	-2	657592
ENERGY Converted	-191956	8163	-146409	44400	58119	15102	11892	-26809	3227	54631	-1069	1521	-169087
Briquetting plants		210											210
Coke ovens and coke plants	-12459	8394											-4065
Gasworks									14				14
Blast furnaces		-441							3313				2872
Petroleum refineries			-142227	45395	70352	13492	9300						-3687
NGL processing plants			-4182			1610	2592						20
Electric power plants	-179497			-995	-254			-26809		54631	-1067		-165971
Other conversion industries											-1	1521	1520
Consumption by energy sector			-93				-3058	-2529		-3880			-9814
Losses in transportation and dist				0			0	-778		-17232			-18009
Consumption for non-energy uses				-12272		-9354		-13784					-35410
Statistical differences	3120	1	-186	-1621	742	3473	4	-774		5178	45	8	9991
FINAL ENERGY CONSUMPTION	50409	9624	0	24966	58886	4897	11355	17688	3327	40166	192451	1511	415280
Consumption by industry and const.	49738	9413		1428	19663	4898	78	10722	3327	14161	38695		152123
Iron and steel industry	18275	9413		124	814			330	3327				32283
Chemical industrv	1261			99	3536		0	784					5680
Other industry and construction	30201	1		1204	15314	4898	78	9608		14161	38695		114660
Consumption by transport				11716	32577		2	562		804			45660
Road				10734	29633		2	562					40932
Rail					2081					804			2884
Air				982									982
Inland and coastal waterways					663								663
By other modes of transportation				0	200								200
Cons. By Households and Other cons	671	210		11822	6646		11274	6404		25201	153756	1511	217496
Households	185	210		10828			10665	5462		11392	147943	105	186790
Agriculture					3442		0	200		8117			11759
Other consumers	487			994	3204		609	742		5692	5813	1406	18947

Energy Balance Sheet of SAARC Region By-Source 2005
(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	241081		39533					63334		13724	195181		552853
Imports	24617	1621	109117	5332	11500	3129	3192			189		1	158699
Exports	-1166	-97		-11644	-10252	-51	-57			-166		-3	-23437
Marine/aviation bunkers				-4024	-284								-4308
Stock Exchange	-5890		286	42	-27	-4		2					-5590
TOTAL PRIMARY ENERGY SUPPLY	258642	1524	148936	-10924	937	3075	31335	63336		13746	195181	-2	678217
ENERGY Converted	-198457	8583	-148549	45148	61950	13782	12075	-25790	3425	56209	-1081	1537	-171168
Briquetting plants		274											274
Coke ovens and coke plants	-12756	8505											-4251
Gasworks									15				15
Blast furnaces		-196							3410				3214
Petroleum refineries			-143851	46020	70638	11615	9525						-6054
NGL processing plants			-4698			2167	2551						20
Electric power plants	-185701			-872	-8688			-25790		56209	-1080		-165921
Other conversion industries											-1	1537	1535
Consumption by energy sector			-91		-123		-3215	-2564		-4414			-10407
Losses in transportation and dist					-1			-1021		-17462			-18484
Consumption for non-energy uses				-10753		-11028		-12315					-34096
Statistical differences	-18		296	210	9005	2200	-88	631		-268	73	7	12048
FINAL ENERGY CONSUMPTION	60203	10107		23891	53759	3628	12083	21014	3425	48348	194027	1528	432013
Consumption by industry and const.	59590	9833		1088	13798	3628		12717	3425	20784	38575		163438
Iron and steel industry	20825	9832		57	948			356	3425				35444
Chemical industrv	703			129	357			828					2017
Other industry and construction	38062	1		902	12493	3628		11533		20784	38575		125977
Consumption by transport				11967	30920		3	894		842			44626
Road				10995	27437		3	894					39329
Rail					2333					842			3174
Air				972									972
Inland and coastal waterways					895								895
By other modes of transportation					255								255
Cons. By Households and Other cons	613	274		10835	9041			12080		26723	155452	1528	223949
Households	167	274		10644				11091		12120	149533	109	190255
Agriculture					846			241		8350			9438
Other consumers	446			191	8194			989		6253	5919	1419	24257

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	254510		41901					67474		15262	204972		584119
Imports	27667	2901	122321	10056	17235	2497	2784			343		1	185805
Exports	-930	-47		-17804	-15098	-1997	-120			-333		-5	-36334
Marine/aviation bunkers				-4659	-274								-4933
Stock Exchange	-5814		-145	-65	-285	16		-3					-6296
TOTAL PRIMARY ENERGY SUPPLY	275433	2854	164078	-12472	1577	518	2665	67471		15272	204972	-3	722365
ENERGY Converted	-205331	8017	-163800	50748	68970	16128	12041	-26870	3892	60615	-4129	1556	-178163
Briquetting plants		213											213
Coke ovens and coke plants	-10851	7912											-2939
Gasworks									15				15
Blast furnaces		-108							3877				3769
Petroleum refineries			-158908	51431	77624	13848	9408						-6597
NGL processing plants			-4892			2280	2633						21
Electric power plants	-194480			-683	-8655			-26870		60615	-1103		-171176
Other conversion industries											-3026	1556	-1470
Consumption by energy sector			-88		-3748		-2409	-2179		-4094			-12518
Losses in transportation and dist								-1386		-17683			-19069
Consumption for non-energy uses				-11732		-14470		-13110					-39312
Statistical differences	69		189	614	6241	2153	105	1739		375	-2		11483
FINAL ENERGY CONSUMPTION	70033	10870		25931	60557	24	12192	22188	3892	53736	200845	1553	461821
Consumption by industry and const.	69456	10657		2604	8205	24	33	13170	3892	23665	43359		175065
Iron and steel industry	29839	10657		34	1065			398	3892				45885
Chemical industrv	479			1239	435								2153
Other industry and construction	39138	1		1330	6705	24	25	12772		23665	43359		127019
Consumption by transport				12759	33429		3	1541		914			48646
Road				11772	29856		3	1541					43172
Rail					2203					914			3117
Air				987									987
Inland and coastal waterways					1099								1099
By other modes of transportation				1	271								272
Cons. By Households and Other cons	577	213		10568	18923		12155	7477		29157	157486	1553	238109
Households	149	213		10339			11771	6406		13323	151575	116	193892
Agriculture					8601			175		9112			17888
Other consumers	428			228	10322		384	895		6721	5910	1437	26325

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	270486		41779					70501		15600	210760		609127
Imports	32706	2656	133116	11812	16901	3073	3336			561	0	22	204184
Exports	-979	-60		-20187	-19019	-1944	-106			-488	0	-6	-42789
Marine/aviation bunkers				-5263	-180								-5442
Stock Exchange	-1232		-111	220	-318	11	0	-1					-1431
TOTAL PRIMARY ENERGY SUPPLY	300982	2595	174783	-13418	2615	1140	3230	70501		15674	210760	16	76349
ENERGY Converted	223252	8033	-173711	52498	73415	18030	12437	-27088	3894	65520	-4100	1575	-192751
Briquetting plants		231											231
Coke ovens and coke plants	-11500	7963											-3536
Gasworks					0				16				16
Blast furnaces		-162							3878				3716
Petroleum refineries			-169202	53378	82706	16089	9847						-7180
NGL processing plants			-4510			1940	2589						20
Electric power plants	-211752			-880	-9292			-27088		65520	-1104		-184596
Other conversion industries											-2996	1575	-1421
Consumption by energy sector			-81		-3528		-2394	-2267		-4322			-12593
Losses in transportation and dist			-8	0	-2		0	-1401		-17781			-19191
Consumption for non-energy uses				-12584		-17198		-14646					-44428
Statistical differences	454	27	983	-4842	-1044	1969	-21	1331	0	654	1075	3	590
FINAL ENERGY CONSUMPTION	77276	10602	0	31338	68313	3	13293	23767	3894	58437	205585	1588	494096
Consumption by industry and const.	76747	10371		6988	6466	3	98	13974	3894	25824	45655		190019
Iron and steel industry	34147	10371		56	1058			410	3894				49935
Chemical industrv	475			6262	2012		6						8755
Other industry and construction	42126			670	3395	3	92	13564		25824	45655		131329
Consumption by transport				14118	34623		3	2054		939			51738
Road				13098	32959		3	2054					48114
Rail					718					939			1657
Air				1020									1020
Inland and coastal waterways					898								898
By other modes of transportation				0	47		0						48
Cons. By Households and Other cons	529	231		10233	27225		13192	7739		31673	159929	1588	252339
Households	239	231		10152			12536	6605		14221	153877	140	198003
Agriculture					9821		0	166		9576			19563
Other consumers	289			81	17404		656	968		7876	6052	1448	34774

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	290586		41016					76951		14685	220870		644107
Imports	37424	1289	138272	10331	18533	2898	3020			619	0	43	212429
Exports	-999	-886		-19118	-20683	-1139	-121			-505	0	-22	-43473
Marine/aviation bunkers				-5112	-219	0							-5331
Stock Exchange	-168		-164	-4	9214	0	1650	-3					10525
TOTAL PRIMARY ENERGY SUPPLY	326844	403	179124	-13904	6845	1759	4549	76948		14799	220871	21	818257
ENERGY Converted	224389	8697	-183333	51934	75022	14613	17859	-27188	5292	68877	-11217	2396	-201438
Briquetting plants		236											236
Coke ovens and coke plants	-9685	8906											-780
Gasworks									17				17
Blast furnaces		-445							5275				4830
Petroleum refineries			-180768	53280	88600	14613	15115						-9160
NGL processing plants			-2564				2744						180
Electric power plants	-214704			-1346	-13579			-27188		68877	-6766		-194705
Other conversion industries											-4451	2396	-2056
Consumption by energy sector	-9				-3497	-2009	-9499	-5785		-4582			-25382
Losses in transportation and dist				0	-1		0	-577		-15697			-16276
Consumption for non-energy uses				-4499		-16354		-15203					-36056
Statistical differences	1382	-143	-4209	-1165	-1491	-2001	-665	-7307		592	0	8	-15000
FINAL ENERGY CONSUMPTION	101063	9243		34696	79860	10	13575	35502	5292	62804	209653	2408	554106
Consumption by industry and const.	100578	9007		3508	12464	10	158	24531	5292	27908	48853	0	232308
Iron and steel industry	22135	9007		74	2418			11869	5292				50794
Chemical industrv	1916			1387	3128		7						6437
Other industry and construction	76527			2047	6918	10	151	12662		27908	48853		175077
Consumption by transport	3			15329	17702		705	2725		1026			37490
Road				14576	12241		4	2725					29546
Rail	3				2438					1026			3467
Air				753	2								755
Inland and coastal waterways					2038								2038
By other modes of transportation				0	983		700						1684
Cons. By Households and Other cons	483	236		15859	49694		12713	8246		33870	160800	2408	284308
Households	216	236		10172			12437	7055		15057	154618	158	199949
Agriculture					1784			159		10450			12392
Other consumers	267			5687	47911		276	1031		8363	6183	2250	71966

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	313311		41109					92295		14505	217075		678295
Imports	45604	1629	160939	6843	18784	3586	3449			610	0	44	241488
Exports	-1414	-99		-25386	-23650	-2728	-145			-502	0	-19	-53943
Marine/aviation bunkers				-5512	-394	0							-5906
Stock Exchange	-9409		-63	40	16532	-4	1647	-4					8740
TOTAL PRIMARY ENERGY SUPPLY	348092	1530	201985	-24014	11271	855	4950	92291		14612	217076	25	868673
ENERGY Converted	241133	8612	-208649	63037	87892	20967	20960	-35911	5442	74458	-13033	2398	-214961
Briquetting plants		248											248
Coke ovens and coke plants	-13003	8524											-4479
Gasworks									18				18
Blast furnaces		-160							5425				5265
Petroleum refineries			-206013	63820	102740	20967	18133						-353
NGL processing plants			-2637				2827						190
Electric power plants	-228130			-783	-14849			-35911		74458	-8577		-213792
Other conversion industries				0							-4455	2398	-2058
Consumption by energy sector	-10				-3763	-2562	-11390	-2427		-4592			-24743
Losses in transportation and dist				-2	-1		6	-1187		-17432			-18622
Consumption for non-energy uses				-1280		-19826		-20235					-41341
Statistical differences	-572	604	-6664	616	8706	-584	-1980	-6453		-671	0	9	-6989
FINAL ENERGY CONSUMPTION	107522	9538	0	37125	86693	19	16500	39883	5442	67718	204043	2413	575995
Consumption by industry and const.	107088	9290		1663	12995	19	1135	27093	5442	31153	41141	0	237021
Iron and steel industry	23487	9290		3	2470			13529	5442				54222
Chemical industrv	1523			607	3296		7						5433
Other industry and construction	82077			1054	7229	19	1129	13564		31153	41141	0	177366
Consumption by transport				17818	-117310		831	3196		1049			40264
Road				17055	12492		255	3196					32998
Rail					2688					1049			3737
Air					2								765
Inland and coastal waterways					1792								1792
By other modes of transportation				0	397								973
Cons. By Households and Other cons	434	248		17643	56327			8694		35516	162901	2413	298710
Households	372	248		10196				7437		14809	156631	157	203112
Agriculture					2006			170		11078			13253
Other consumers	62			7447	54322			1088		9629	6271	2256	82346

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	314501		45305					97743		16362	224366		698277
Imports	43092	1121	171648	10368	19169	1292	5430			715	3	62	252900
Exports	-2552	-514		-31382	-27123	-2841	-171			-497		-24	-65104
Marine/aviation bunkers				-5574	-447	-2							-6023
Stock Exchange	-4194		-112	58	-4600	1	2137	-18					-6728
TOTAL PRIMARY ENERGY SUPPLY	350847	607	216841	-26531	-13002	-1550	7396	97725		16580	224369	38	873320
ENERGY Converted	-216067	7522	-221872	66848	95446	23137	21025	-38610	5367	77656	-14608	2405	-191751
Briquetting plants		279											279
Coke ovens and coke plants	-9030	7402											-1628
Gasworks													0
Blast furnaces		-159							18				-141
Petroleum refineries			-219361	67343	105792	23137	18339		5349				599
NGL processing plants			-2511				2686						175
Electric power plants	-207037			-494	-10343			-38610		77656	-10139		-188967
Other conversion industries				-1							-4469	2405	-2065
Consumption by energy sector	-10				-3914	-2891	-12148	-1166		-4828			-24957
Losses in transportation and dist				-2	-2			-2034		-14263			-16301
Consumption for non-energy uses				-1788		-17266		-17072					-36126
Statistical differences	37876	-1808	-5030	-748	-2682	1409	-1561	1699		5657	-7	10	34815
FINAL ENERGY CONSUMPTION	96894	9937		39276	81214	22	17834	37144	5367	69489	209768	2433	569378
Consumption by industry and const.	95657	9658		1934	7460	22	1177	22903	5367	27015	44787		215980
Iron and steel industry	25092	9658			267			10282	5367				50666
Chemical industrv	315			824	893		9						2041
Other industry and construction	70251			1111	6300	22	1169	12621		27015	44787		163276
Consumption by transport				20174	16930		906	3750		1183			42943
Road				19409	12265		254	3750					35678
Rail					2741		1			1183			3925
Air				765	1								766
Inland and coastal waterways					1112								1112
By other modes of transportation					812		650						1462
Cons. By Households and Other cons	1237	279		17168	56824		15751	10492		41291	164981	2433	310456
Households	553	279		9769			14335	9202		18809	158626	174	211747
Agriculture					1346		2	197		12012			13557
Other consumers	684			7398	55748		1393	1093		10470	6355	2259	85400

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	320340		45702					95090		15759	233888		710779
Imports	62616	1700	175844	9183	17875	1572	10019			1029	1	63	279902
Exports	-1208	-441		-31515	-28208	-2847	-193			-448	0	-22	-64882
Marine/aviation bunkers				-5823	-406	-2							-6232
Stock Exchange	-290		18	-29	-3755	-18	-502	-7					-4582
TOTAL PRIMARY ENERGY SUPPLY	381458	1260	221564	-28185	-14494	-1296	9324	95083		16340	233889	41	914984
ENERGY Converted	-250880	7013	-221400	68324	98978	27156	23511	-34411	5578	80143	-16961	2426	-210523
Briquetting plants		362											362
Coke ovens and coke plants	-9352	6753											-2599
Gasworks									19				19
Blast furnaces		-102							5559				5457
Petroleum refineries			-218880	68568	108832	27156	20813						6489
NGL processing plants			-2520				2698						178
Electric power plants	-241528			-243	-9854			-34411		80143	-12454		-218348
Other conversion industries				0							-4507	2426	-2081
Consumption by energy sector	-340				-3332	-2516	-12452	-1234		-5310			-25184
Losses in transportation and dist				0	0			-1167		-17634			-18801
Consumption for non-energy uses				-1727		-18841		-17165					-37733
Statistical differences	45241	-2537	164	-2697	-3653	4486	1384	-1722	0	-2776	0	11	37900
FINAL ENERGY CONSUMPTION	84996	10809	0	41110	84805	17	18999	42828	5578	76316	216928	2455	584841
Consumption by industry and const.	84995	10447		9668	7291	17	1210	27252	5578	33430	50040		229929
Iron and steel industry	21502	10447		0	319			10300	5578				48147
Chemical industry	1607			8500	872		22						11001
Other industry and construction	61886			1168	6100	17	1187	16952		33430	50040	0	170781
Consumption by transport	0			22009	16743		899	3873		1211			44734
Road				21428	12404		255	3873					37960
Rail					2782		1			1211			3994
Air	0			581	1								582
Inland and coastal waterways					1116								1116
By other modes of transportation				0	439		643						1082
Cons. By Households and Other cons	1	362		9433	60771		16891	11703		41675	166887	2455	310178
Households	1	362		9056			15409	10343		18940	160445	201	214758
Agriculture					1359		6	181		12121			13666
Other consumers				377	59412		1476	1179		10614	6442	2254	81754

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	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass energy	Total Energy
Production of Primary Energy	387615		46483					341		101819	232953		859280
Imports	104534	1990	193310	10408	17577	399	364			912	5		329501
Exports	-1977	-730	-12	-33489	-28205	-144	-214						-64770
Marine/aviation bunkers				-5895	-485								-6381
Stock Exchange	-8003		169	-168	3714	26	603	-714					-4375
TOTAL PRIMARY ENERGY SUPPLY	482169	1261	239950	-29143	-7399	280	1093	89354		102732	232958		1113255
ENERGY Converted	-317894	-92	-5147	-419	-10657	-10082		-30285		85116	-29165		-318626
Briquetting plants													
Coke ovens and coke plants	-11160												-11160
Gasworks													
Blast furnaces		-92											-92
Petroleum refineries						-10082		-118					-10200
NGL processing plants													
Electric power plants	-306735			-419	-1134			-30167		85116	-18739		-272078
Other conversion industries			-5147		-9522						-10427		-25097
Consumption by energy sector	-337				-3109			-1268					-4714
Losses in transportation and dist								-1517					-1517
Consumption for non-energy uses				-1542		-16227		-16356					-34125
Statistical differences	61876	609	234803	-74747	-108945	-26029	-16165	-30284	-7290	145975	218	-2214	177806
FINAL ENERGY CONSUMPTION	102062	560		43643	87780		17258	70213	7290	41873	203575	2214	576469
Consumption by industry and const.	102056	252		9845	7455		12	54065	7290	8665	35465		225105
Iron and steel industry	25282	125		0	289			10453	7290	5584			49023
Chemical industry	1723	0		9759	736		12	717		3081			16027
Other industry and construction	75051	127		86	6430			42894			35465		160055
Consumption by transport				25554	15487		779	3433		1203			46456
Road				25554	12152		237	3433					41376
Rail					3061					1203			4263
Air													
Inland and coastal waterways													
By other modes of transportation					274		542						816
Cons. By Households and Other cons	6	309		8244	64839		16467	12715		32006	168110	2214	304908
Households	3	309		8097			14898	11211		19308	162754		216578
Agriculture					1832			187		12698			14716
Other consumers	3			147	63007		1569	1318			5356	2214	73614

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	392666		46156					80782		115771	233954		869329
Imports	120420	2725	198516	10135	17388	4332	257				5		353778
Exports	-1510	-129		-28575	-32568	-114							-62896
Marine/aviation bunkers				-5018	-1751	-3031							-9800
Stock Exchange	-5006			215	-227	89							-4929
TOTAL PRIMARY ENERGY SUPPLY	506441	2596	244672	-23243	-17158	1276	257	80782	0	115771	233959	0	1145353
ENERGY Converted	-337787	-15430	-4879	-332	-7349	10233	0	-33992	0	0	-10542	0	-400078
Briquetting plants													0
Coke ovens and coke plants	-25820												-25820
Gasworks													0
Blast furnaces	-2091	-15430											-17521
Petroleum refineries			-87			-10232.97							-10320
NGL processing plants													0
Electric power plants	-309877			-332	-7349			-33992		92973	-5311		-263888
Other conversion industries			-4966								-5231		-10197
Consumption by energy sector	-270							-4644					-4914
Losses in transportation and dist			-186					-1115					-1301
Consumption for non-energy uses				-8484	-1059	-5198		-19384					-34125
Statistical differences	-21607	-13335	239607	-71722	-106256	-3656	-16569	-17739	-8366	54696	5494	-2392	38155
FINAL ENERGY CONSUMPTION	189991	501	0	39664	80690	9967	16826	39386	8366	61075	217923	2392	666780
Consumption by industry and const	179065	127	0	4035	8815	9967	0	19664	8366	8665	52641	0	291345
Iron and steel industry	41533				502			227	8366	5584			56212
Chemical industry	1940			3184	1301			717		3081			10223
Other industry and construction	135592	127		851	7012	9967		18719			52641		224909
Consumption by transport	0	0	0	27465	59909	0	218	4952	0	1307	0	0	93852
Road				27465.482	55128.66		217.0322	4951.94					87763
Rail					3119					1307			4426
Air													0
Inland and coastal waterways													0
By other modes of transportation					1662		1						1663
Cons. By Households and Other cons	10925	374	0	8163	11965	0	16608	14771	0	51103	165282	2392	281583
Households	4256	374		8043			15853	12550		22479	159910		223465
Agriculture					10594			203		14365			25162
Other consumers	6669			120	1371		755	2018		14259	5372	2392	32956

TOTAL ENERGY Balance Sheet by Country for 2003
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	382	23869	1181	445232	3	3848	42696	1520	518731
Imports	167	4262	68	113770	195	929	12874	3437	135702
Exports		-48	-156	-15209		-17	-1147	-1	-16578
Marine/aviation Bunkers	-8	-265		-2457		-40	-155	-224	-3149
Stock Change		131		-961			221	121	-487
TOTAL PRIMARY ENERGY SUPPLY	540	27948	1093	540374	198	4720	54491	4853	634218
Energy Converted	5	-3386	0	-146899	-23	4	-8237	-417	-158911
Briquetting Plants				311					311
Coke Ovens and Coke Plants				-3444			-504		-3948
Gasworks				15				0	15
Blast Furnaces				3298			-158		3140
Petroleum Refineries		-44		-6835			79	1	-6800
NGL Processing Plants				20			1		21
Electric Power Plants	-56	-3546	0	-142216	-23	-1	-7695	-419	-153956
Other conversion industries	61	204		1952		44	41	1	2303
Consumption by Energy Sector	-4	-131	-1	-8232	0	-10	-875	-167	-9419
losses in Transportation and Distribution	-13	921	-7	-14700	-1	-37	-2424	-119	-18222
Consumption by NON-Energy users	-3	-2843		-26451		-13	-3169	-105	-32584
Statistical differences	-22	-241	6	5320		44	1211	-333	5985
FINAL ENERGY CONSUMPTION	548	20909	1079	338772	174	4660	38574	4377	409094
Consumption by industry and construction	24	2825	-69	135548		478	12488	1354	152786
Iron and Steel Industry				30550			513	5	31068
Chemical Industry				4573			779	106	5458
Other Industry and Construction	24	2825	69	100426		478	11196	1243	116261
Consumption by Transport	343	1237	32	30877	155	234	8670	1759	43107
Road	102	900	7	27937	12	233	7870	1590	38652
Rail		142		2417		1	141	28	2728
Air	41		1		13		659	140	853
Inland and Coastal Waterways		195		296	130			1	622
By Other Modes of Transportation			24	228			0		251
Cons. By households and other consumers	381	16848	978	172346	19	3949	17416	1265	213201
Households	370	15774	974	145679	16	3724	15258	1022	182818
Agriculture	1	629		10002		60	757	8	11457
Other consumers	10	445	4	16665	3	164	1400	235	18926

TOTAL ENERGY Balance Sheet by Country for 2004
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	381	24733	1198	456373	3	3883	45921	1477	533969
Imports	203	4308	81	123364	246	886	16058	4017	149163
Exports		-51	-170	-19091		-9	-1081	-37	-20439
Marine/aviation Bunkers		-273		-2856		-53	-227	-246	-3655
Stock Change		55		-1505			12	-8	-1446
TOTAL PRIMARY ENERGY SUPPLY	584	28773	1109	556285	248	4707	60683	5203	657592
Energy Converted	-1	-4251		-155291	-26	43	-9020	-541	-169087
Briquetting Plants				210					210
Coke Ovens and Coke Plants				-3910			-155		-4065
Gasworks				14					14
Blast Furnaces				3129			-257		2872
Petroleum Refineries		-42		-3761			99	17	-3687
NGL Processing Plants				19			1		20
Electric Power Plants	-64	-4415		-152152	-26	-3	-8751	-559	-165970
Other conversion industries	63	206		1162		45	42	1	1519
Consumption by Energy Sector	-4	-132	-2	-8529	-1	-14	-943	-190	-9815
losses in Transportation and Distribution	-14	-1058	-9	-14826	-1	-43	-1941	-118	-18010
Consumption by NON-Energy users	-7	-2722		-29212		-19	-3339	-112	-35411
Statistical differences	9	-282	6	9144		45	1373	-304	9991
FINAL ENERGY CONSUMPTION	549	20892	1093	339283	221	4629	44068	4546	415281
Consumption by industry and construction	23	2433	66	131793		462	15908	1438	152123
Iron and Steel Industry				31654			624	5	32283
Chemical Industry				4797			784	99	5680
Other Industry and Construction	23	2433	66	95342		462	14500	1334	114160
Consumption by Transport	133	1214	34	32142	197	239	9817	1886	45662
Road	70	875	8	29237	19	238	8797	1688	40932
Rail		143		2425		1	290	26	2885
Air	63		1		16		730	172	982
Inland and Coastal Waterways		196		304	163				663
By Other Modes of Transportation			24	175					199
Cons. By households and other consumers	393	17245	993	175348	23	3928	18343	1223	217496
Households	382	16087	989	148592	20	3701	16076	943	186790
Agriculture	1	690		10260		67	731	10	11759
Other consumers	10	468	4	16496	3	160	1536	270	18947

TOTAL ENERGY Balance Sheet by Country for 2005
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	390	25702	1236	473089	3	3916	46988	1530	552853
Imports	216	4537	67	132311	222	1013	16370	3963	158699
Exports		-84	-170	-21871		-11	-1300	0	-23437
Marine/aviation Bunkers	-10	-309		-3345		-59	-288	-297	-4308
Stock Change		320		-5890			17	-37	-5590
TOTAL PRIMARY ENERGY SUPPLY	596	30167	1133	574295	225	4859	61789	5158	678217
Energy Converted	3	-3747	0	-2E+05	-31	44	-8782	-547	-171168
Briquetting Plants				274					274
Coke Ovens and Coke Plants				-4190			-62		-4251
Gasworks				15				0	15
Blast Furnaces				3328			-114		3214
Petroleum Refineries		-66		-6205			231	-13	-6054
NGL Processing Plants				18			2		20
Electric Power Plants	-63	-3889	0	-2E+05	-31	-2	-8882	-535	-165921
Other conversion industries	65	209		1171		46	43	1	1535
Consumption by Energy Sector	-4	-131	-1	-9267	1	-13	-815	177	-10407
losses in Transportation and Distribution	-13	-908	-10	-15212	-1	-45	-2171	-124	-18484
Consumption by NON-Energy users	-7	-2733		-27761		-21	-3438	-137	-34096
Statistical differences	-6	-19	31	10537		51	1818	-363	12048
FINAL ENERGY CONSUMPTION	581	22667	1092	353410	192	4773	44761	4537	432013
Consumption by industry and construction	24	3003	73	141706		560	16518	1553	163438
Iron and Steel Industry				34953			487	4	35444
Chemical Industry				1060			828	129	2017
Other Industry and Construction	24	3003	73	105693		560	15203	1420	125977
Consumption by Transport	336	1418	34	31640	173	250	9243	1732	44626
Road	80	1012	8	28198	20	249	8248	1514	39329
Rail		171		2711		1	267	25	3174
Air	56		1		13		729	173	972
Inland and Coastal Waterways		235		500	140			20	895
By Other Modes of Transportation			25	231			0		255
Cons. By households and other consumers	421	1826	985	180065	19	3964	19000	1251	223949
Households	395	16868	981	150892	15	3728	16447	930	190255
Agriculture	3	841		7765		67	753	9	9438
Other consumers	24	537	4	21409	4	168	1799	312	24257

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	27672	1436	497296	3	3944	50220	3144	584118
Imports	443	6241	74	154399	284	847	19346	4172	185806
Exports		-190	-353	-34347		-6	-1388	-47	-36331
Marine/aviation Bunkers	-10	-310	-1	-4033		-51	-274	-255	-4933
Stock Change		101		-5814			-471	-112	-6296
TOTAL PRIMARY ENERGY SUPPLY	837	33513	1156	607501	287	4734	67434	6902	722364
Energy Converted	-174	-5360	-13	-161714	-36	-48	-10462	-356	-178163
Briquetting Plants				213					213
Coke Ovens and Coke Plants				-2905			-34		-2939
Gasworks				15					15
Blast Furnaces				3832			-63		3769
Petroleum Refineries		-61		-6572			-119	156	-6596
NGL Processing Plants				17			3		20
Electric Power Plants	-50	-5110	0	-155257	-36	-3	-10209	-511	-171176
Other conversion industries	-125	-189	-13	-1058		-45	-40	-1	-1470
Consumption by Energy Sector	-4	-147		-11343	-1	-3	-839	182	-12518
losses in Transportation and Distribution	-17	-998	-10	-15461	-1	-69	-2389	-125	-19069
Consumption by NON-Energy users	-7	-2772	-1	-32625			-3689	-218	-39311
Statistical differences	-41	1921	0	7206		1	2278	118	11483
FINAL ENERGY CONSUMPTION	616	22316	1132	379151	249	4614	47777	5904	461819
Consumption by industry and construction	28	3441	64	151180		476	18370	1503	175064
Iron and Steel Industry				45404			470	11	45885
Chemical Industry				2162				0	2162
Other Industry and Construction	28	3441	64	103614		476	17901	1492	127017
Consumption by Transport	342	1637	54	34839	225	265	9568	1715	4847
Road	286	1251	12	31186	24	265	8681	1467	43172
Rail		164		2766		1	161	26	3117
Air	56				17		725	189	987
Inland and Coastal Waterways		222		659	184			34	1099
By Other Modes of Transportation			42	229			1		272
Cons. By households and other consumers	305	17238	1014	193131	24	3872	19838	2686	238108
Households	251	16118	997	153417	19	3653	17068	2371	193894
Agriculture	5	598		16423		66	788	8	17888
Other consumers	49	522	17	23292	5	153	1982	307	26327

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	28617	1626	519612	3	3954	51772	2987	609127
Imports	511	5713	95	171325	294	862	21381	4003	204184
Exports		-267	-513	-40626		-5	-1376	-1	-42789
Marine/aviation Bunkers	-10	-275	-1	-4702		-55	-296	-103	-5442
Stock Change		107		-1232			-311		-1431
TOTAL PRIMARY ENERGY SUPPLY	1068	33894	1207	644377	297	4756	71169	6890	763649
Energy Converted	-122	-5536	-13	-175509	-41	-48	-10886	-596	-192751
Briquetting Plants				231					231
Coke Ovens and Coke Plants				-3484			-52		-3536
Gasworks				16				0	16
Blast Furnaces				3810			-94		3716
Petroleum Refineries		-35		-6965			-299	119	-7180
NGL Processing Plants				17			3		20
Electric Power Plants	-59	-5310	0	-168068	-42	-2	-10400	-714	-184596
Other conversion industries	-62	-191	-13	-1066	1	-46	-44	-1	-1421
Consumption by Energy Sector	-4	-224		-11508		-3	-686	168	-12593
losses in Transportation and Distribution	-17	-801	-13	-15838		-71	-2318	-133	-19191
Consumption by NON-Energy users	-7	-2871	-1	-37717			-3703	-129	-44428
Statistical differences	118	1138	0	-2357		-1	1657	36	590
FINAL ENERGY CONSUMPTION	789	23325	1181	406163	256	4635	51919	5828	494096
Consumption by industry and construction	28	3948	78	164433		517	19582	1433	190019
Iron and Steel Industry				49413			518	4	49935
Chemical Industry				8754				1	8755
Other Industry and Construction	28	3948	78	106266		517	19064	1428	131329
Consumption by Transport	381	1887	60	35809	230	272	11315	1784	51738
Road	323	1458	13	34090	29	272	10573	1356	48114
Rail		182		1290		1	158	26	1657
Air	58				13		583	366	1020
Inland and Coastal Waterways		247		428	188			36	898
By Other Modes of Transportation			46	1			0		48
Cons. By households and other consumers	380	17490	1043	205921	26	3846	21022	2611	252339
Households	304	16218	1024	156427	20	3635	18107	2268	198003
Agriculture	8	735		17934		55	824	7	19563
Other consumers	68	537	20	31561	6	156	2091	336	34774

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	29835	1685	551891	3	3973	52005	3954	644107
Imports	1078	4989	108	179856	331	976	21017	4074	212429
Exports	-1	-136	-535	-41538		-4	-1259	0	-43473
Marine/aviation Bunkers	-10	-295	-1	-4525		-56	-322	-123	-5331
Stock Change				11159			-452	-183	10525
TOTAL PRIMARY ENERGY SUPPLY	1828	34393	1258	696843	334	4889	70989	7723	818257
Energy Converted	-115	-6031	-4	-183354	-48	-48	-10792	-776	-201438
Briquetting Plants				236					236
Coke Ovens and Coke Plants				-634			-145		-780
Gasworks				17					17
Blast Furnaces				5101			-271		4830
Petroleum Refineries		-51		-8793			-237	-78	-9160
NGL Processing Plants				157			23		180
Electric Power Plants	-52	-6061		-177727	-49	-2	-10117	-698	-194705
Other conversion industries	-63	-189	-4	-1710	1	-46	-45	0	-2056
Consumption by Energy Sector	-5	-247		-24408	-1	-3	-652	-66	-25382
losses in Transportation and Distribution	-17	-781	-14	-13464	-2	-76	-1797	-125	-16276
Consumption by NON-Energy users	-7	-2433	-1	-29846			-3692	-79	-36056
Statistical differences	6	3		-18055			3054	-7	-15000
FINAL ENERGY CONSUMPTION	1680	24628	1239	463826	283	4763	51002	6684	554106
Consumption by industry and construction	367	4614	103	206444		504	18650	1627	232308
Iron and Steel Industry				50167			624	4	50794
Chemical Industry				6437			18027	1623	6437
Other Industry and Construction	367	4614	103	149840		504	11114	1744	175077
Consumption by Transport		2281	62	20719	246	406	10638	1496	37490
Road		1820	14	14292	28	406	7	28	29546
Rail		196		3236			469	196	3467
Air	64			2	24			24	755
Inland and Coastal Waterways				1554	194		0		2038
By Other Modes of Transportation		265	49	1635				313	1684
Cons. By households and other consumers	396	17733	1074	236663	37	3853	21238	3133	284308
Households	320	16441	1053	157096	31	3611	18290	3107	199949
Agriculture	8	732		10753		81	813	5	12392
Other consumers	68	560	21	68814	6	162	2135	200	71966

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	31187	1650	584822	3	4003	51709	4040	678295
Imports	1829	4989	117	207738	349	1209	21082	4175	241488
Exports	-13	-144	-476	-51801		-6	-1502	0	-53943
Marine/aviation Bunkers	-10	-309	-1	-4883		-66	-405	-232	-5906
Stock Change		0		8912			-312	140	8740
TOTAL PRIMARY ENERGY SUPPLY	2687	35722	1290	744788	352	5139	70571	8124	868673
Energy Converted	-102	-6936	-4	-196315	-50	-49	-10697	-808	-214961
Briquetting Plants				248					248
Coke Ovens and Coke Plants	-5			-4420			-54		-4479
Gasworks				18					18
Blast Furnaces				5362			-98		5265
Petroleum Refineries		0		-112			-148	-92	-353
NGL Processing Plants				169			22		190
Electric Power Plants	-32	-6746	0	-195869	-50	-3	-10377	-715	-213792
Other conversion industries	-65	-191	-4	-1710	1	-47	-42	0	-2058
Consumption by Energy Sector	-4	-272		-23819	-1	-3	-610	-33	-24743
losses in Transportation and Distribution	-17	-629	-14	-15231	-2	-91	-2514	-124	-18622
Consumption by NON-Energy users	-7	-2198	-1	-35096			-3951	-89	-41341
Statistical differences	356	2	0	-8776		-2	1423	8	-6989
FINAL ENERGY CONSUMPTION	2201	25685	1271	483104	300	4998	51375	7062	575995
Consumption by industry and construction	463	5071	108	210951		529	18285	1614	237021
Iron and Steel Industry				53798			418	6	54222
Chemical Industry				5433					5433
Other Industry and Construction	463	5071	108	151721		529	17867	1608	177366
Consumption by Transport	1256	2593	70	22122	259	556	11386	2023	40264
Road	1159	2105	16	16542	29	556	10754	1836	32998
Rail		207		3363		0	135	31	3737
Air	96			2	26		496	144	765
Inland and Coastal Waterways		280		1298	204			10	1792
By Other Modes of Transportation			54	917			0	1	973
Cons. By households and other consumers	483	18022	1092	250031	41	3913	21703	3426	298710
Households	399	16698	1067	159474	33	3633	18614	3195	203112
Agriculture	8	711		11544		105	877	8	13253
Other consumers	76	613	25	79012	8	175	2213	223	82346

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	1045	32537	1718	602485	3	3985	52181	4323	698278
Imports	2277	5376	156	217175	352	1433	21740	4388	252898
Exports	-32	-152	-495	-62761		-3	-1632	-28	-65103
Marine/aviation Bunkers	-10	-326	-1	-4883		-82	-333	-389	-6024
Stock Change		0		-6837			-53	163	-6727
TOTAL PRIMARY ENERGY SUPPLY	3280	37435	1378	745180	355	5334	71903	8457	873322
Energy Converted	-110	-7975	-4	-2E+05	-43	-48	-9861	-639	-191746
Briquetting Plants				279					279
Coke Ovens and Coke Plants	-12			-1563			-53		-1628
Gasworks				18					18
Blast Furnaces				5287			97		5190
Petroleum Refineries		-37		-4453			-172	-88	-4750
NGL Processing Plants				157			18		175
Electric Power Plants	-31	-7746	0	-2E+05	-43	-1	-9515	-550	-188967
Other conversion industries	-67	-193	-4	-1710	1	-48	-43	-1	-2064
Consumption by Energy Sector	-2	-287		-24075	-1	-3	-561	-28	-24957
losses in Transportation and Distribution	-34	-775	-16	-12337	-1	-92	-2917	-127	-16301
Consumption by NON-Energy users	-7	-2695	-1	-29558			-3786	-79	-36125
Statistical differences	99	6	26	31628		-7	-3082	-19	34816
FINAL ENERGY CONSUMPTION	3028	25691	1330	474515	311	5197	51695	7604	569378
Consumption by industry and construction	609	4327	132	190740		665	17799	1708	215980
Iron and Steel Industry				50264			392	10	50666
Chemical Industry				2040					2040
Other Industry and Construction	609	4327	132	138435		665	17407	1699	163274
Consumption by Transport	1922	2911	91	23038	274	605	11761	2342	4847
Road	1889	2394	19	17505	31	605	11123	2112	35678
Rail		219		3576		0	103	26	3925
Air	33			1	21		535	176	766
Inland and Coastal Waterways		298		566	221			27	1112
By Other Modes of Transportation			73	1390			0	0	1463
Cons. By households and other consumers	497	18460	1108	260737	37	3926	22135	3554	310455
Households	454	17093	1097	167102	30	3627	19061	3302	211767
Agriculture	8	682		11947		112	799	10	13558
Other consumers	35	685	10	81689	7	187	2275	243	85131

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	1590	32845	1721	612239	3	3985	54161	4235	710779
Imports	2937	5611	175	243889	362	1450	20211	5257	279902
Exports	-32	-161	-496	-63220		-3	-909	-63	-64882
Marine/aviation Bunkers	-10	-346	-1	-4883		-92	-302	-598	-6232
Stock Change				-4683			-4	105	-4582
TOTAL PRIMARY ENERGY SUPPLY	4484	37950	1400	783343	365	5340	73167	8936	914984
Energy Converted	-121	-7669	-17	-192251	-46	-49	-9352	-1018	-210523
Briquetting Plants				362					362
Coke Ovens and Coke Plants	-12			-2553			-34		-2599
Gasworks				19					19
Blast Furnaces				5519			-62		5457
Petroleum Refineries		-70		6966			-152	-255	6489
NGL Processing Plants				162			16		178
Electric Power Plants	-41	-7405	0	-201015	-47	-1	-9076	-764	-218348
Other conversion industries	69	-194	-17	-1710	1	-49	-44	0	-2081
Consumption by Energy Sector	-24	-291	0	-24285	-1	-3	-538	-42	-25184
losses in Transportation and Distribution	-34	-885	-9	-15642	-1	-96	-2021	-113	-18801
Consumption by NON-Energy users	-7	-2939	-1	-31077			-3569	-142	-37733
Statistical differences	168	1	6	33513		-3	4197	17	37900
FINAL ENERGY CONSUMPTION	4130	26165	1367	486575	317	5195	53490	7604	584841
Consumption by industry and construction	1140	4444	140	203405		655	18370	1775	229929
Iron and Steel Industry				47830			311	6	48147
Chemical Industry				11001					11001
Other Industry and Construction	1140	4444	140	144574		655	18058	1769	170781
Consumption by Transport	2523	3012	109	23612	277	612	12301	2289	44734
Road	2461	2460	21	18411	33	611	11740	2224	37960
Rail		234		3662		0	71	26	3994
Air	62			1	21		490	7	582
Inland and Coastal Waterways		318		545	223			31	1116
By Other Modes of Transportation			88	994			0	0	1082
Cons. By households and other consumers	467	18710	1118	259558	40	3928	22818	3540	310178
Households	420	17369	1106	169164	32	3614	19784	3268	214758
Agriculture	8	648	0	12145		116	745	3	13666
Other consumers	38	693	12	78249	7	198	2289	268	81754

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	1451	37792	1763	744688	29	7911	60865	4782	859280
Imports	5651	5717	109	290224	477	14139	9883	3302	329501
Exports	-30	-130	-32	-63726	0	0	-852	0	-64770
Marine/aviation Bunkers	-10	-406	-2	-4790	-130	-95	-288	-660	-6381
Stock Change	0	-898	0	-3548	0	0	-126	197	-4375
TOTAL PRIMARY ENERGY SUPPLY	7062	42075	1838	962849	375	21954	69482	7621	1113255
Energy Converted	-59	-12211	0	-290011	-75	-210	-14836	-1223	-318626
Briquetting Plants	0	0	0	0	0	0	0	0	0
Coke Ovens and Coke Plants	-44	0	0	-10934	0	0	-182	0	-11160
Gasworks	0	0	0	0	0	0	0	0	0
Blast Furnaces	0	0	0	0	0	0	-92	0	-92
Petroleum Refineries	0	-118	0	-10082	0	0	0	0	-10200
NGL Processing Plants	0	0	0	0	0	0	0	0	0
Electric Power Plants	-14	-11130	0	-253283	-75	-208	-6938	-430	-272078
Other conversion industries	-1	-963	0	-15712	0	-2	-7625	-793	-25097
Consumption by Energy Sector	0	-45	0	-4444	0	0	-225	0	-4714
losses in Transportation and Distribution	0	-516	0	0	0	0	-1000	0	-1516
Consumption by NON-Energy users	-7	-1613	-1	-29274	-3	-276	-2859	-93	-34125
Statistical differences	102	4662	-4093	171611	156	13321	-7204	348	178902
FINAL ENERGY CONSUMPTION	6893	23028	5931	467508	141	8146	57768	5957	575372
Consumption by industry and construction	1050	4444	4853	189173	8	594	24246	736	225105
Iron and Steel Industry	0	0	0	48739	0	0	277	7	49023
Chemical Industry	0	0	0	15310	0	0	717	0	16027
Other Industry and Construction	1050	4444	4853	125124	8	594	23252	729	160055
Consumption by Transport	5435	2674	23	23245	109	842	11887	2242	46456
Road	5435	2402	23	18698	109	841	11654	2215	41376
Rail	0	268	0	3736	0	1	233	26	4263
Air	0	0	0	0	0	0	0	0	0
Inland and Coastal Waterways	0	0	0	0	0	0	0	0	0
By Other Modes of Transportation	0	4	0	811	0	0	0	1	816
Cons. By households and other consumers	408	15910	1055	255090	25	6710	21635	2979	303811
Households	399	14267	1052	170845	25	6444	20570	2975	216578
Agriculture	8	1198	0	12708	0	116	683	2	14716
Other consumers	0	444	2	71537	0	151	381	2	72517

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	1526	37063	1850	760744	29	8412	54973	4732	869329
Imports	5834	5718	117	313728	496	1472	21477	4936	353778
Exports	-32	-105	-4	-62618	0	0	0	-138	-62896
Marine/aviation Bunkers	-17	-434	-3	-8040	-166	-95	-432	-612	-9800
Stock Change	0	25	0	-4870	0	0	78	-163	-4929
TOTAL PRIMARY ENERGY SUPPLY	7311	42268	1831	998944	359	9789	76096	8755	1145352
Energy Converted	-103	-12637	0	-378827	-75	0	-7747	-689	-400078
Briquetting Plants	0	0	0	0	0	0	0	0	0
Coke Ovens and Coke Plants	-48	0	0	-25582	0	0	-190	0	-25820
Gasworks	0	0	0	0	0	0	0	0	0
Blast Furnaces	0	0	0	-17425	0	0	-95	0	-17521
Petroleum Refineries	0	87	0	10233	0	0	0	0	10320
NGL Processing Plants	0	0	0	0	0	0	0	0	0
Electric Power Plants	-55	-12547	0	-243297	-75	0	-7241	-672	-263888
Other conversion industries	0	-177	0	-9782	0	0	-221	-16	-10197
Consumption by Energy Sector	0	-22	0	-4678	0	0	-213	0	-4914
Losses in Transportation and Distribution	0	-165	0	0	0	0	-950	-186	-1301
Consumption by NON-Energy users	-7	-1613	-1	-29274	-3	-276	-2859	-93	-34125
Statistical differences	39	4469	680	19891	111	-1619	13892	690	38154
FINAL ENERGY CONSUMPTION	7162	23362	1150	566273	170	11132	50435	7097	666780
Consumption by industry and construction	1114	4615	50	266246	7	1893	15881	1539	291344
Iron and Steel Industry	0	0	0	55938	0	0	268	7	56212
Chemical Industry	0	0	0	9042	0	1182	0	0	10223
Other Industry and Construction	1114	4615	50	201266	7	711	15614	1532	224909
Consumption by Transport	5621	2572	23	69937	110	917	12237	2435	93852
Road	5621	2323	23	65962	110	916	11995	813	87763
Rail	0	245	0	3938	0	1	243	0	4426
Air									0
Inland and Coastal Waterways									0
By Other Modes of Transportation	0	4	0	37	0	0	0	1622	1663
Cons. By households and other consumers	427	16175	1077	230090	53	8322	22317	3123	281583
Households	377	14347	1064	177119	34	7321	20336	2868	223465
Agriculture	8	1106	0	23212	8	790	33	5	25162
Other consumers	41	722	13	29759	11	212	1947	250	32956

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Production of Primary Energy	31084	330201	350601	370130	393364	422594	455644	457375	465866	562277	569725
Imports	25851	32548	38158	44454	51426	56300	68690	64299	93534	154574	178691
Exports	-1560	-1298	-1837	-1422	-1511	-2741	-2200	-4460	-2398	-3928	-2379
Stock Change	-1397	-2321	-8565	-8455	-1792	-244	-13683	-6099	-422	-11613	-7264
TOTAL PRIMARY ENERGY SUPPLY	333787	359130	378356	404708	441488	475910	508451	511115	556580	701310	738645
Energy Converted	-245623	-267287	-267287	-286951	-312989	-313677	-338151	-303284	-354653	0	-512541
Briquetting Plants	452	306	306	310	310	336	361	406	526	0	0
Coke Ovens and Coke Plants	-5742	-5912	-6183	-4275	-5143	-1134	-6514	-2367	-3780	16194	-37466
Blast Furnaces	-394	-641	-285	-157	-235	-647	-233	-231	-148	-133	-25424
Electric Power Plants	-239939	-261039	-270062	-282829	-307948	-312240	-331766	-301091	-351251	445091	-449651
Consumption by Energy Sector						-14	-14	-14	-494	489	-392
Statistical differences	3786	4539	-27	100	699	1802	46	52454	62104	0	-50703
FINAL ENERGY CONSUMPTION	84378	87305	102251	117656	127799	160417	170239	155363	139329	0	276416
Consumption by industry and construction	82821	86023	100962	116507	126694	159367	169247	153158	138800	148455	260020
Iron and Steel Industry	38019	40267	44585	58893	64741	45289	47668	50536	46464	36866	60268
Chemical Industry	1717	1834	1022	696	690	2787	2215	458	2337	2500	2815
Other Industry and Construction	43085	43922	55354	56918	61263	111292	119364	102164	89999	109089	196937
Consumption by Transport	4	0	0			4				0	0
Rail	4	0	0			4				0	0
Cons. By households and other consumers	1553	1282	1280	1149	1105	1045	992	2205	528	452	16396
Households	756	574	642	527	684	657	902	1211	528	452	6718
Other consumers	797	708	648	622	421	388	89	994		3	9678

Solid Fuels Balance Sheet by Country for 2003
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	35		66	308544		11	2238		310894
Imports		500	25	23388		280	1562	97	25851
Exports			-35	-1525					-1560
Stock Change				-1397					-1397
TOTAL PRIMARY ENERGY SUPPLY	35	500	56	329009		291	3799	97	333787
Energy Converted	-60			-244277			-1286		-245623
Briquetting Plants				452					452
Coke Ovens and Coke Plants				-5009			-734		-5742
Blast Furnaces							-394		-394
Electric Power Plants	-60			-239721			-158		-239939
Consumption by Energy Sector									
Statistical differences	-25			3811					3786
FINAL ENERGY CONSUMPTION		500	56	80922		291	2513	97	84378
Consumption by industry and construction		500	56	79367		290	2512	97	82821
Iron and Steel Industry				37921			98		38019
Chemical Industry				1717					1717
Other Industry and Construction		500	56	39728		290	2414	97	43085
Consumption by Transport				4					4
Rail				4					4
Cons. By households and other consumers				1551		1	1		1553
Households				754		1	1		756
Other consumers				797			0		797

Solid Fuels Balance Sheet by Country for 2004
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	34		30	327029		9	3099		330201
Imports		500	40	28392		248	3272	96	32548
Exports			-20	-1278					-1298
Stock Change				-2321					-2321
TOTAL PRIMARY ENERGY SUPPLY	34	500	50	351822		257	6371	96	359130
Energy Converted	-60			-266215			-1012		-267287
Briquetting Plants				306					306
Coke Ovens and Coke Plants				-5687			-226		-5912
Blast Furnaces							-641		-641
Electric Power Plants	-60			-260834			-145		-261039
Consumption by Energy Sector									
Statistical differences	-26	0		4565		0	0	0	4539
FINAL ENERGY CONSUMPTION		500	50	81042		257	5360	96	87305
Consumption by industry and construction		500	50	79761		256	5360	96	86023
Iron and Steel Industry				40106			160		40267
Chemical Industry				1834					1834
Other Industry and Construction		500	50	37821		256	5200	96	43922
Consumption by Transport				0					0
Rail				0					0
Cons. By households and other consumers				1281		1	0		1282
Households				573		1	0		574
Other consumers				708			0		708

Solid Fuels Balance Sheet by Country for 2005
(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	33		85	347183		9	3291		350601
Imports		500	20	34328		401	2812	96	38158
Exports			-48	-1789					-1837
Stock Change				-8565					-8565
TOTAL PRIMARY ENERGY SUPPLY	33	500	57	371157		410	6103	96	378356
Energy Converted	-60			-275157			-493		-276131
Briquetting Plants				399					399
Coke Ovens and Coke Plants				-6093			-90		-6183
Blast Furnaces							-285		-285
Electric Power Plants	-60			-269884			-118		-270062
Consumption by Energy Sector									
Statistical differences	-27	0				0	0	0	-27
FINAL ENERGY CONSUMPTION	0	500	57	95578		410	5610	96	102251
Consumption by industry and construction		500	57	94291		408	5610	96	100962
Iron and Steel Industry				44514			71		44585
Chemical Industry				1022					1022
Other Industry and Construction		500	57	48754		408	5539	96	55354
Consumption by Transport				0					0
Rail				0					0
Cons. By households and other consumers				1288		2	0		1290
Households				640		2	0		642
Other consumers				648			0		648

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	367299		20	2461		370130
Imports		0		39913		239	4206	96	44454
Exports			-66	-1356					-1422
Stock Change				-8455					-8455
TOTAL PRIMARY ENERGY SUPPLY	35	216	32	397401		259	6668	96	404708
Energy Converted	-70			-286545			-336		-286951
Briquetting Plants				310					310
Coke Ovens and Coke Plants				-4225			-50		-4275
Blast Furnaces							-157		-157
Electric Power Plants	-70			-282630			-130		-282829
Consumption by Energy Sector									
Statistical differences	-35	-283		-17		14	421	0	100
FINAL ENERGY CONSUMPTION		500	32	110873		245	5910	96	117656
Consumption by industry and construction		500	32	109726		244	5909	96	116507
Iron and Steel Industry				58853			40		58893
Chemical Industry				696					696
Other Industry and Construction		500	32	50177		244	5870	96	56918
Consumption by Transport									
Rail									
Cons. By households and other consumers				1147					1149
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	389938		14	2786		393364
Imports	39			45081		314	5924	68	51426
Exports			-75	-1435					-1511
Stock Change				-1792					-1792
TOTAL PRIMARY ENERGY SUPPLY	282	277	30	431792		328	8710	68	441488
Energy Converted	-70			-312481			-438		-312989
Briquetting Plants				336					336
Coke Ovens and Coke Plants				-5067			-75		-5143
Blast Furnaces							-235		-235
Electric Power Plants	-70			-307750			-128		-307948
Consumption by Energy Sector									
Statistical differences	212	-2222	0	0			710	0	699
FINAL ENERGY CONSUMPTION		500	30	119311		328	7562	68	127799
Consumption by industry and construction		500	30	118208		327	7561	68	126694
Iron and Steel Industry				64682			58		64741
Chemical Industry				690					690
Other Industry and Construction		500	30	52835		327	7503	68	61263
Consumption by Transport									
Rail									
Cons. By households and other consumers				1104		1	1		1105
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	418983		15	2525		422594
Imports	64	571		50698		294	4602	70	56300
Exports	-1		-81	-2659					-2741
Stock Change				-256				12	-244
TOTAL PRIMARY ENERGY SUPPLY	411	1171	43	466767		309	7128	82	475910
Energy Converted	-60	-324		-312339			-954		-313677
Briquetting Plants				343					343
Coke Ovens and Coke Plants	0			-922			-211		-1134
Blast Furnaces							-647		-647
Electric Power Plants	-60	-324		-311760			-96		-312240
Consumption by Energy Sector		-14							-14
Statistical differences	64	0	0	1738		1	-1		1802
FINAL ENERGY CONSUMPTION	286	833	43	152690		308	6175	82	160417
Consumption by industry and construction	286	833	43	151646		307	6174	78	159367
Iron and Steel Industry				45127			162		45289
Chemical Industry				2787					2787
Other Industry and Construction	286	833	43	103732			6012	78	111292
Consumption by Transport				5				4	4
Rail				5				4	4
Cons. By households and other consumers				1043		1	1		1045
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	452095		15	2352		455645
Imports	103	598		62967		307	4625	90	68690
Exports	-19		-27	-2154					-2200
Stock Change				-13676				-7	-13683
TOTAL PRIMARY ENERGY SUPPLY	584	1232	21	499231		322	6977	84	508451
Energy Converted	-37	-336		-337359			-419		-338151
Briquetting Plants				361					361
Coke Ovens and Coke Plants	-7			-6427			-79		-6513
Blast Furnaces							-233		-233
Electric Power Plants	-30	-336		-331293			-107		-331766
Consumption by Energy Sector		-14							-14
Statistical differences	103			-58			1		46
FINAL ENERGY CONSUMPTION	443	881	21	161930		322	6557	84	170238
Consumption by industry and construction	443	881	21	160940		321	6557	84	169247
Iron and Steel Industry				47610			58		47668
Chemical Industry				2125					2125
Other Industry and Construction	443	881	21	111114		321	6499		119279
Consumption by Transport									0
Rail									0
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	453665		16	2331		457375
Imports	197	741		58537		489	4237	97	64299
Exports	-46		-59	-4355					-4460
Stock Change				-6087				-12	-6099
TOTAL PRIMARY ENERGY SUPPLY	876	1291	29	501761		505	6568	86	511115
Energy Converted	-48	-342		-302505			-389	0	-303284
Briquetting Plants				406		-10462			406
Coke Ovens and Coke Plants	-18			-2273			-76		-2367
Blast Furnaces						-34	-231		-231
Electric Power Plants	-30	-342		-300638			-82	0	-301091
Consumption by Energy Sector		-14							-14
Statistical differences	197	0	0	52256		0	0	0	52454
FINAL ENERGY CONSUMPTION	631	935	29	146999		505	6178	86	155363
Consumption by industry and construction	631	935	29	144796		503	6178	86	153158
Iron and Steel Industry				50478			58		50536
Chemical Industry				458					458
Other Industry and Construction	631	935	29	93860		503	6121	86	102164
Consumption by Transport									
Rail									
Cons. By households and other consumers				2203		2			2205
Households				1209		2			1211
Other consumers				994					994

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

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	1239	834	122	557366		9	2827		562399
Imports	184	999		148367		355	3707	962	154574
Exports	-43		-47	-3838					-3928
Stock Change		28		-11880				238	-11613
TOTAL PRIMARY ENERGY SUPPLY	1380	1862	-47	690015		365	6534	1200	701310
Energy Converted	-114	-449		-459772			-460	-624	-461418
Briquetting Plants									
Coke Ovens and Coke Plants	-64			-15866			-264		-16194
Blast Furnaces				0			-133		-133
Electric Power Plants	-50	-449		-443905			-63	-624	-445091
Consumption by Energy Sector				-466					-489
Statistical differences	-43	58	-99	90234			-132	477	90496
FINAL ENERGY CONSUMPTION	1309	1332	52	139544		365	6207	99	148907
Consumption by industry and construction	1309	1332	52	139096		361	6207	99	148455
Iron and Steel Industry				36866					36866
Chemical Industry				2500					2500
Other Industry and Construction	1309	1332	52	99729		361	6207	99	109089
Consumption by Transport									
Rail									
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	1346	854	129	565274		14	2108		569725
Imports	184	1019		172044		443	3871	1130	178691
Exports	-47		-5	-2326					-2379
Stock Change		-105	0	-7528				369	-7264
TOTAL PRIMARY ENERGY SUPPLY	1483	1769	-5	727463		457	5979	1500	738645
Energy Converted	-119	-591		-510673			-480	-677	-512541
Briquetting Plants									
Coke Ovens and Coke Plants	-69			-37121			-276		-37466
Blast Furnaces				-25285			-138		-25424
Electric Power Plants	-50	-591		-448267			-66	-677	-449651
Consumption by Energy Sector		-32		-360					-392
Statistical differences	-47	-153	-9755	-41348			-138	739	-50703
FINAL ENERGY CONSUMPTION	1411	1298	9750	257779		457	5637	84	276416
Consumption by industry and construction	1411	1298	72	251064		453	5637	84	260020
Iron and Steel Industry				60268					60268
Chemical Industry				2815					2815
Other Industry and Construction	1411	1298	72	187981		453	5637	84	196937
Consumption by Transport									
Rail									
Cons. By households and other consumers			9678	6714		4			16396
Households				6714		4			6718
Other consumers			9678						9678

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Production of Primary Energy	40254	40737	39533	41901	41779	41016	41109	45305	45702	46623	46156
Imports	117748	126594	132270	154894	168238	173053	193600	207906	214493	222971	230627
Exports	-15345	-19375	-22004	-35017	-41255	-41061	-51909	-61516	-62764	-62063	-61257
Marine/aviation Bunkers	-3149	-3656	-4308	-4933	-5442	-5331	-5906	-6024	-6232	6381	-9800
Stock Change	467	143	298	-479	-199	10696	18152	-2516	-4285	4343	77
TOTAL PRIMARY ENERGY SUPPLY	139975	144444	145789	156366	163121	178373	195047	183155	186914	218254	205803
Energy Converted	-19296	-16896	-15594	-15913	-17332	-23905	-15794	-15412	-3431	0	-2129
Gasworks	0	0	0	0	0	0	0	0	0	0	0
Petroleum Refineries	-6800	-3687	-6054	-6596	-7180	-9160	-353	-4750	6489	10200	10320
NGL Processing Plants	21	20	20	20	20	180	190	175	178	0	0
Electric Power Plants	-12517	-13229	-9560	-9338	-10172	-14925	-15632	-10836	-10097	-1553	-7681
Other conversion industries							0	-1	0	14670	-4966
Consumption by Energy Sector	-3245	-3405	-3429	-6245	-6004	-15005	-17714	-18952	-18301	3109	0
losses in Transportation and Distribution	-5	-155257	-1	0	-10	-1	-3	-4	0	0	-186
Consumption by NON-Energy users	-18345	-21626	-21781	-26202	-29782	-20853	-21105	-19054	-20569	17769	-13682
Statistical differences	1185	2412	11624	9302	-2955	-9532	94	-1	-317	0	63963
FINAL ENERGY CONSUMPTION	97900	100105	93361	98703	112948	128141	140336	138345	144931	108690	125645
Consumption by industry and construction	27398	26067	18514	10865	13554	16139	15813	10593	18186	17244	19633
Iron and Steel Industry	1167	938	1005	1099	1114	2492	2473	267	319	289	502
Chemical Industry	3498	3635	486	1683	8281	4521	3909	1726	9394	10506	1301
Other Industry and Construction	22734	21493	17023	8083	4160	9127	9430	8601	8473	6449	17830
Consumption by Transport	41960	44295	42891	42891	48744	33736	36019	38010	39651	41821	87375
Road	38287	40370	38435	41631	46060	26821	29802	31928	34087	37944	82594
Rail	1946	2081	2333	2203	718	2438	2688	2742	2783	3061	3119
Air	853	982	972	987	1020	755	765	766	582	0	0
Inland and Coastal Waterways	622	663	895	1099	898	2038	1792	1112	1116	0	0
By Other Modes of Transportation	251	200	255	272	48	1684	973	1463	1082	816	1662
Cons. By households and other consumers	28541	29743	31956	41645	50650	78266	88504	89742	87094	91027	18637
Households	20618	21493	21735	22110	22688	22609	23458	24124	24465	22994	8043
Agriculture	3349	3442	847	8601	9821	1784	2006	1348	1365	1832	10594
Other consumers	4574	4808	9375	10935	18140	53873	63041	64270	61265	66202	2246

Liquid Fuels Balance Sheet by Country for 2003

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		106		36893			3256		40254
Imports	158	3918	49	97541	195	723	11794	3369	117748
Exports		-48		-14151			-1147	0	-15345
Marine/aviation Bunkers	-8	-265		-2457		-40	-155	-224	-3149
Stock Change		131		0			215	121	467
TOTAL PRIMARY ENERGY SUPPLY	150	3842	50	117825	195	684	13964	3267	139975
Energy Converted	-37	-498	0	-15322	-35	-1	-2613	-790	-19296
Gasworks								0	0
Petroleum Refineries		-44		-6835			79	1	-6800
NGL Processing Plants				20			1		21
Electric Power Plants	-37	-454	0	-8506	-35	-1	-2693	-791	-12517
Other conversion industries		-70							
Consumption by Energy Sector				-2671			-340	-163	-3245
losses in Transportation and Distribution								-5	-5
Consumption by NON-Energy users	-3	-520		-17327		-13	-377	-105	-18345
Statistical differences	86	0		1603			-48	-333	1185
FINAL ENERGY CONSUMPTION	146	2754	48	80902	160	670	10681	2537	97900
Consumption by industry and construction	3	235		25357		25	1394	384	27398
Iron and Steel Industry				1162				5	1167
Chemical Industry				3392				106	3498
Other Industry and Construction	3	235		20804		25	1394	274	22734
Consumption by Transport	143	1237	32	30097	155	233	8305	1759	41960
Road	102	900	7	27937	12	233	7506	1590	38287
Rail		142		1636			141	28	853
Air	41		1		13		659	140	1946
Inland and Coastal Waterways		195		296	130		0	1	622
By Other Modes of Transportation	0		24	228					251
Cons. By households and other consumers	0	1282	16	25448	5	412	983	395	28541
Households		709	16	18695	5	283	587	322	20618
Agriculture		573		2518		57	193	8	3349
Other consumers			4574	4235		73	202	64	4574

Liquid Fuels Balance Sheet by Country for 2004

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		95		37286			3355		40737
Imports	195	3965	52	103694	245	695	13799	3951	126594
Exports		-51		-18206			-1081	-37	-19375
Marine/aviation Bunkers	0	-273		-2856		-53	-227	-246	-3656
Stock Change		55		91			4	-8	143
TOTAL PRIMARY ENERGY SUPPLY	195	3791	52	120009	245	642	15850	3660	144444
Energy Converted	-50	-505	-1	-12055	-40	-4	-3261	-981	-16896
Gasworks									
Petroleum Refineries		-42		-3761			99	17	-3687
NGL Processing Plants				19			1		20
Electric Power Plants	-50	-464	-1	-8312	-40	-4	-3361	-998	-13229
Other conversion industries									
Consumption by Energy Sector		-67		-2782			-369	-186	-3405
losses in Transportation and Distribution								0	
Consumption by NON-Energy users	-7	-474		-20563		-19	-452	-112	-21626
Statistical differences	0	0		2601		-1	112	-299	2412
FINAL ENERGY CONSUMPTION	138	2744	51	82008	205	620	11657	2680	100105
Consumption by industry and construction	3	237		23294		16	1508	379	26067
Iron and Steel Industry				933				5	938
Chemical Industry				3536				99	3635
Other Industry and Construction	3	237		19455		16	1508	275	21493
Consumption by Transport	133	1214	34	31340	197	238	9254	1886	44295
Road	70	875	8	29237	19	238	8235	1688	40370
Rail		143		1623			289	26	2081
Air	63		1		16		730	172	982
Inland and Coastal Waterways		196		304	163			0	663
By Other Modes of Transportation			24	175			0		200
Cons. By households and other consumers	2	1294	17	26745	8	366	894	416	29743
Households	2	715	17	19665	8	233	530	322	21493
Agriculture		578		2650		63	141	10	3442
Other consumers				4430		70	224	84	4808

Liquid Fuels Balance Sheet by Country for 2005

(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		102		36003			3428		39533
Imports	208	4194	52	108556	221	720	14423	3897	132270
Exports		-84		-20620			-1300	0	-22004
Marine/aviation Bunkers	-10	-309		-3345		-59	-288	-297	-4308
Stock Change		320		0			14	37	298
TOTAL PRIMARY ENERGY SUPPLY	198	4223	52	120594	221	662	16278	3563	145789
Energy Converted	-50	-593	0	-10028	-47	-3	-3875	-997	-15594
Gasworks								0	0
Petroleum Refineries		-66		-6205			231	-13	-6054
NGL Processing Plants				18			2		20
Electric Power Plants	-50	-527	0	-3841	-47	-3	-4108	-984	-9560
Other conversion industries									
Consumption by Energy Sector		-60		-2958			-239	-172	-3429
losses in Transportation and Distribution								-1	-1
Consumption by NON-Energy users	-7	-504		-20655		-21	-458	-137	-21781
Statistical differences	0	0		11256		2	729	-364	11624
FINAL ENERGY CONSUMPTION	141	3066	51	75697	174	636	10975	2620	93361
Consumption by industry and construction	3	228		16181		16	1647	440	18514
Iron and Steel Industry				1001				4	1005
Chemical Industry				357				129	486
Other Industry and Construction	3	228		14822		16	1647	307	17023
Consumption by Transport	136	1418	34	30800	173	249	8348	1732	42891
Road	80	1012	8	28198	20	249	7354	1514	38435
Rail		171		1871			266	25	2333
Air	56		1		13		729	173	972
Inland and Coastal Waterways		235		500	140			20	895
By Other Modes of Transportation			25	231			0		255
Cons. By households and other consumers	2	1420	17	28717	1	371	980	448	31956
Households	2	726	17	19886	1	234	542	326	21735
Agriculture		694		0		62	82	9	847
Other consumers				8831		75	356	113	9375

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		38132			3670		41901
Imports	393	6240	73	126704	283	655	16439	4105	154894
Exports		-190		-33395			-1388	-45	-35017
Marine/aviation Bunkers	-10	-310	-1	-4033		-51	-274	-255	-4933
Stock Change		101					-468	-112	-479
TOTAL PRIMARY ENERGY SUPPLY	383	5940	72	127408	283	605	17981	3694	156366
Energy Converted	-20	-625	0	-7775	-54	-4	-6679	-756	-15913
Gasworks									
Petroleum Refineries		-61		-6572			-119	156	-6596
NGL Processing Plants				17			3		20
Electric Power Plants	-20	-564	0	-1221	-54	-4	-6563	-912	-9338
Other conversion industries									
Consumption by Energy Sector		-65		-5817			-188	-175	-6245
losses in Transportation and Distribution									0
Consumption by NON-Energy users	-7	-505	-1	-24883			-589	-218	-26202
Statistical differences	-18	1988	0	7464			-242	120	9302
FINAL ENERGY CONSUMPTION	374	2757	71	81470	229	610	10767	2425	98703
Consumption by industry and construction	3	236		8743		36	1565	283	10865
Iron and Steel Industry				1089				11	1099
Chemical Industry				1683				0	1683
Other Industry and Construction	3	236		5972		36	1565	272	8083
Consumption by Transport	342	1465	54	33927	225	265	8198	1715	46192
Road	286	1079	8	31186	24	265	7312	1467	41631
Rail		164		1854			160	26	2203
Air	56				17		725	189	987
Inland and Coastal Waterways		222		659	184			34	1099
By Other Modes of Transportation			42	229			1		272
Cons. By households and other consumers	29	1056	17	38800	4	309	1004	426	41645
Households	29	525	17	20470	4	192	541	332	22110
Agriculture		530		7904		62	97	8	8601
Other consumers				10426		56	366	87	10935

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		37896			3794		41779
Imports	418	5712	76	139885	293	610	17290	3954	168238
Exports		-267		-39612			-1376		-41225
Marine/aviation Bunkers	-10	-275	-1	-4702		-55	-296	-103	-5442
Stock Change		107					-310	5	-199
TOTAL PRIMARY ENERGY SUPPLY	408	5367	75	133467	293	556	19101	3855	163121
Energy Converted	-30	-613	-1	-8336	-63	-3	-7196	-1091	-17332
Gasworks									
Petroleum Refineries		-35		-6595			-299	119	-7180
NGL Processing Plants				17					20
Electric Power Plants	-30	-578	-1	-1388	-63	-3	-6900	-1209	-10172
Other conversion industries									
Consumption by Energy Sector		-75		-5767				-162	-6004
losses in Transportation and Distribution								-10	-10
Consumption by NON-Energy users	-7	-480	-1	-28725			-441	-129	-29782
Statistical differences	-26	1229		-4029		-1	-163	35	-2955
FINAL ENERGY CONSUMPTION	397	2969	74	94668	231	554	11527	2429	112948
Consumption by industry and construction	3	246		11974		13	1049	269	13554
Iron and Steel Industry				1110				4	1114
Chemical Industry				8280				1	8281
Other Industry and Construction	3	246		2584		13	1049	264	4160
Consumption by Transport	381	1581	60	34781	230	272	9567	1784	48744
Road	323	1151	13	34090	29	272	8826	1356	46060
Rail		182		352			157	26	718
Air	58				13		583	366	1020
Inland and Coastal Waterways		247		428	188			36	898
By Other Modes of Transportation			46	1					48
Cons. By households and other consumers	13	1142	14	47824	1	269	1010	376	50650
Households	13	475	14	21226	1	163	519	276	22688
Agriculture		667		8987		51	109	7	9821
Other consumers				17610	1014	55	382	93	18140

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		37391			3522		41016
Imports	963	4596	74	144495	330	744	17833	4018	173053
Exports		-136		-39666			-1259		-41061
Marine/aviation Bunkers	-10	-295	-1	-4525		-56	-322	-123	-5331
Stock Change		0		11335			-449	-191	10696
TOTAL PRIMARY ENERGY SUPPLY	953	4268	74	149031	330	688	19326	3704	178373
Energy Converted	-31	-660	0	-14473	-72	3	-7400	-1267	-23905
Gasworks									
Petroleum Refineries		-51		-8793			-237	-78	-9160
NGL Processing Plants				157			23		180
Electric Power Plants	-31	-609	0	-5835	-72	-3	-7186	-1188	-14925
Other conversion industries									
Consumption by Energy Sector		-75		-14775			-104	-52	15005
losses in Transportation and Distribution								-1	-1
Consumption by NON-Energy users	-7	-420	-1	-19960			-387	-79	-20853
Statistical differences	-27	3	0	-10053		-1	561	-15	-9532
FINAL ENERGY CONSUMPTION	942	3110	73	109878	258	686	10874	2322	128141
Consumption by industry and construction	3	258		14635		17	938	288	16139
Iron and Steel Industry				2488				4	2492
Chemical Industry				4521					4521
Other Industry and Construction	3	258		7625		17	938	284	9127
Consumption by Transport	917	1697	62	19694	246	406	8973	1741	33736
Road	852	1236	14	14292	28	406	8497	1496	26821
Rail		196		2211		182	6	25	2438
Air				2	24		469	196	755
Inland and Coastal Waterways		265		1554	194			24	2038
By Other Modes of Transportation			49	1635					1684
Cons. By households and other consumers	23	1154	11	75549	12	263	962	292	78266
Households	23	518	11	21188	12	127	461	270	22609
Agriculture		636		996		77	70	5	1784
Other consumers				53366		59	431	17	53873

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		37571			3466		41109
Imports	1677	4578	83	163986	348	944	17880	4104	193600
Exports		-144		-50262			-1502	0	-51909
Marine/aviation Bunkers	-10	-309	-1	-4883		-66	-405	-232	-5906
Stock Change		0		18316			-308	145	18152
TOTAL PRIMARY ENERGY SUPPLY	1667	4196	82	164728	348	878	19131	4017	195047
Energy Converted	-21	-642	0	-5250	-76	-4	-8497	-1305	-15794
Gasworks									
Petroleum Refineries		0		-112			-148	-92	-353
NGL Processing Plants				169			22		190
Electric Power Plants	-21	-642	0	-5307	-76	-4	-8370	-1212	-15632
Other conversion industries								0	0
Consumption by Energy Sector		-85		-17495			-115	-19	-17714
losses in Transportation and Distribution								-3	-3
Consumption by NON-Energy users	-7	-283	-1	-20324			-402	-89	-21105
Statistical differences	285	2	0	549			-2	-739	-1
FINAL ENERGY CONSUMPTION	1354	3184	81	121111	273	876	10855	2603	140336
Consumption by industry and construction	3	261		14819		28	946	256	15813
Iron and Steel Industry				2468				6	2473
Chemical Industry				3909					3909
Other Industry and Construction	3	261		7943		28	946	250	9430
Consumption by Transport	1256	1799	70	21074	259	556	8983	2023	36019
Road	1159	1312	16	16542	29	556	8352	1836	29802
Rail		207		2315			135	31	2688
Air	96			2	26		496	144	765
Inland and Coastal Waterways		280		1298	204			10	1792
By Other Modes of Transportation			54	917			0	1	973
Cons. By households and other consumers	96	1125	11	85717	14	292	926	323	88504
Households	96	523	11	21964	14	124	444	282	23458
Agriculture		601		1238		100	59	8	2006
Other consumers				62515		68	424	33	63041

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		41747			3464		45305
Imports	1983	4866	105	176449	352	1035	18804	4311	207906
Exports		-152		-59704			-1632	-28	-61516
Marine/aviation Bunkers	-10	-326	-1	-4883		-82	-333	-389	-6024
Stock Change		0		-2651			-36	171	-2516
TOTAL PRIMARY ENERGY SUPPLY	1973	4482	104	150958	352	954	20267	4065	183155
Energy Converted	-21	-724	0	-5682	-65	-1	-7874	-1045	-15412
Gasworks									
Petroleum Refineries		-37		-4453			-172	-88	-4750
NGL Processing Plants				157			18		175
Electric Power Plants	-21	-687	0	-1385	-65	-1	-7721	-956	-10836
Other conversion industries								-1	-1
Consumption by Energy Sector		-79		-18736			-121	-16	-18952
losses in Transportation and Distribution								-4	-4
Consumption by NON-Energy users	-7	-393	-1	-18263			-312	-79	-19054
Statistical differences	-31	6	0	-9342		0	784	-30	-8612
FINAL ENERGY CONSUMPTION	1976	3280	103	117620	287	953	11176	2950	138345
Consumption by industry and construction	3	280		8755		32	1285	239	10593
Iron and Steel Industry				257				10	267
Chemical Industry				1726					1726
Other Industry and Construction	3	280		6772		32	1285	229	8601
Consumption by Transport	1922	1905	91	21855	274	605	9017	2342	38010
Road	1889	1388	19	17505	31	605	8379	2112	31928
Rail		219		2393			103	26	2742
Air	33			1	21		535	176	766
Inland and Coastal Waterways		298		566	221			27	1112
By Other Modes of Transportation			73	1390			0	0	1463
Cons. By households and other consumers	51	1095	12	87010	13	316	874	370	89742
Households	51	528	12	22690	13	133	375	321	24124
Agriculture		567		624		107	41	10	1348
Other consumers				63697		76	458	39	64270

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		42088			3497		45702
Imports	2570	5156	124	183010	362	1068	17428	4775	214493
Exports		-161		-61632			-909	-63	-62764
Marine/aviation Bunkers	-10	-346	-1	-4883		-92	-302	-598	-6232
Stock Change		0		-4569			3	281	-4285
TOTAL PRIMARY ENERGY SUPPLY	2560	4767	123	154014	362	976	19717	4396	186914
Energy Converted	-21	-807	0	6150	-70	-1	-7347	-1334	-3431
Gasworks									
Petroleum Refineries		-70		6966			-152	-255	6489
NGL Processing Plants				162			16		178
Electric Power Plants	-21	-737	0	-978	-70	-1	-7211	-1080	-10097
Other conversion industries								0	0
Consumption by Energy Sector		-74		-18087			-121	-19	-18301
losses in Transportation and Distribution								0	0
Consumption by NON-Energy users	-7	-483	-1	-19642			-294	-142	-20569
Statistical differences	-31	8	0	-722		-1	423	6	-317
FINAL ENERGY CONSUMPTION	2563	3396	122	123157	291	976	11531	2895	144931
Consumption by industry and construction	3	303		16287		27	1342	223	18186
Iron and Steel Industry				314				6	319
Chemical Industry				9394					9394
Other Industry and Construction	3	303		6579		27	1342	218	8473
Consumption by Transport	2523	2026	109	22402	277	611	9414	2289	39651
Road	2461	1475	21	18411	33	611	8852	2224	34087
Rail		234		2452			71	26	2783
Air	62			1	21		490	7	582
Inland and Coastal Waterways		318		545	223			31	1116
By Other Modes of Transportation			88	994			0	0	1082
Cons. By households and other consumers	37	1066	13	84469	14	337	776	383	87094
Households	37	535	13	23048	14	141	339	338	24465
Agriculture		532		696		111	23	3	1365
Other consumers				60725		85	413	42	61265

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		42434			3940		46623
Imports	5524	5028	109	187977	477	13889	7328	2639	222971
Exports		-130		-61081			-852		-62063
Marine/aviation Bunkers	-10	-406	-2	-4790	-130	-95	-288	-660	-6381
Stock Change		-211		4639			-117	32	4343
TOTAL PRIMARY ENERGY SUPPLY	5534	5342	110	178758	607	13984	10587	3332	218254
Energy Converted	-21	-1071		4245	-75	-2	-7833	-1266	-6023
Gasworks									
Petroleum Refineries		118		10082					10200
NGL Processing Plants									
Electric Power Plants	-21	-1070		-1040	-75	-2	-7601	-1266	-11076
Other conversion industries		-119		-4797			-232		-5147
Consumption by Energy Sector		-29		-3080					-3109
losses in Transportation and Distribution									
Consumption by NON-Energy users	-7	-105	-1	-17285	-3	-276		-93	-17769
Statistical differences	45	-605	-4755	42961	392	12519	-8250	-1045	41262
FINAL ENERGY CONSUMPTION	5461	4742	4865	119677	138	1186	11004	3017	150092
Consumption by industry and construction		154	4817	10788	8		832	645	17244
Iron and Steel Industry				282				7	289
Chemical Industry				10506					10506
Other Industry and Construction		154	4817		8		832	638	6449
Consumption by Transport	5435	1678	23	22043	109	841	9450	2242	41821
Road	5435	1406	23	18698	109	841	9217	2215	37944
Rail		268		2535			233	26	3061
Air									
Inland and Coastal Waterways									
By Other Modes of Transportation		4		811				1	816
Cons. By households and other consumers	26	2911	25	86846	21	345	722	130	91027
Households	26	384	12	21982	11	143	309	126	22994
Agriculture		1072		616	0	110	32	2	1832
Other consumers		1455	12	64248	11	92	381	2	66202

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		42131			3761		46156
Imports	5707	5016	117	195163	496	1162	18810	4157	230627
Exports		-105		-61015				-138	-61257
Marine/aviation Bunkers	-17	-434	-3	-8040	-166	-95	-432	-612	-9800
Stock Change		97		319			78	-418	77
TOTAL PRIMARY ENERGY SUPPLY	5690	4839	114	168558	330	1067	22216	2989	205803
Energy Converted	-21	-297		-1298	-75		-438		-2129
Gasworks									
Petroleum Refineries		87		10233					10320
NGL Processing Plants									
Electric Power Plants	-21	-207		-6964	-75		-217	-198	-7681
Other conversion industries		-177		-4568			-221		-4966
Consumption by Energy Sector									
losses in Transportation and Distribution								-186	-186
Consumption by NON-Energy users		-67		-13320			-145	-149	-13682
Statistical differences	22	1460	86	52812	131	26	9743	-318	63963
FINAL ENERGY CONSUMPTION	5647	3015	27	101127	124	1040	11890	2774	125645
Consumption by industry and construction		144		17418	7	10	1832	221	19633
Iron and Steel Industry				495				7	502
Chemical Industry				837			464		1301
Other Industry and Construction		144		16086	7	10	1368	214	17830
Consumption by Transport	5621	1572	23	66783	110	907	9924	2434	87375
Road	5621	1324	23	64115	110	907	9682	813	82594
Rail		245		2631			243		3119
Air									
Inland and Coastal Waterways									
By Other Modes of Transportation		4		37				1621	1662
Cons. By households and other consumers	26	1298	4	16926	7	123	133	119	18637
Households	26	318	4	7461	7	14	101	114	8043
Agriculture		981		9465		110	33	5	10594
Other consumers				2054		103	89		2246

NATURAL GAS Balance Sheet of SAARC Region
(Million Cubic Meters)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Production of Primary Energy	68163	71526	74564	79675	83188	90467	107636	113777	111033	98896	88000
Stock Change	7	9	3	-4	-1	-4	-5	-22	-8	-778	-1
TOTAL PRIMARY ENERGY SUPPLY	68170	71935	74567	79671	83187	90463	107631	113756	111025	98118	87999
Energy Converted	-28058	-27753	-26438	-27222	-27474	-26032	-35529	-38661	3s804	0	-37070
GasWorks	16	15	16	17	18	19	19	20	21	0	0
Blast Furnaces	3782	3681	3777	4288	4291	5847	5999	5916	6145	0	0
Electric Power Plants	-31857	-31450	-30231	-31526	-31783	-31898	-41548	-44597	-39970	32899	-37070
Consumption by energy Sector	-2769	-2829	-2867	-2447	-2549	-6435	-2717	-1318	-1387	1383	-5064
Losses in Transportation and distribution	-1461	-947	-1244	-1689	-1709	-703	-1451	-2487	-1425	-1654	-1215
Consumption for non-energy users	-16321	-15821	-14208	-15104	-16835	-17413	-22990	-19530	-19626	17837	-21139
Statistical differences	-3085	-705	823	2188	1630	-7772	-6868	2152	-1444	0	-17220
FINAL ENERGY CONSUMPTION	22646	24889	28987	31020	32990	47652	51813	49607	56227	75102	40730
Consumption by industry and construction	15440	1642	18935	20065	21038	34268	37324	32393	37413	58947	21443
Iron and Steel Industry	4205	4101	4229	4791	4811	19017	21001	17328	17573	11387	247
Chemical Industry	954	960	1014							782	782
Other Industry and Construction	10281	11364	13692	15273	16227	15252	16323	15065	19840	46778	20414
Consumption by Transport	446	688	1095	1886	2513	3332	3907	4583	4734	3739	5394
Road	446	688	1095	1886	2513	3332	3907	4583	4734	3739	5394
Cons. By households and other consumers	6760	7777	8957	9070	9439	10052	10582	12631	14080	12416	13892
Households	5781	6641	7645	7779	8070	8612	9063	11075	12436	12213	13671
Agriculture	164	229	278	196	185	178	189	220	202	203	221
Other consumers	815	908	1034	1095	1184	1261	1330	1336	1442	1318	2018

NATURAL GAS Balance Sheet BY Country for 2003
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	6	12402		26335			29420		68163
Stock Change							7		7
TOTAL PRIMARY ENERGY SUPPLY	6	12402		26335			29428		68170
Energy Converted	-6	-5611		-11197			-11245		-28058
GasWorks				16					16
Blast Furnaces		33513		3643			139		3782
Electric Power Plants	-6	-5611		-14856			-11383		-31857
Consumption by energy Sector				-2428			-340		-2769
Losses in Transportation and distribution		-599					-862		-1461
Consumption for non-energy users		-2824		-10078			-3419		-16321
Statistical differences		0		-4398			1313		-3085
FINAL ENERGY CONSUMPTION		3368		7029			12249		22646
Consumption by industry and construction		1893		6793			6754		15440
Iron and Steel Industry				3659			545		4205
Chemical Industry							954		954
Other Industry and Construction		1893		3134			5254		10281
Consumption by Transport							446		446
Road							446		446
Cons. By households and other consumers		1475		236			5049		6760
Households		1319		94			4368		5781
Agriculture		22		142					164
Other consumers		134					681		815

NATURAL GAS Balance Sheet BY Country for 2004
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	3	13339		26122			32062		71526
Stock Change							9		9
TOTAL PRIMARY ENERGY SUPPLY	3	13339		26122			32071		71535
Energy Converted	-3	-6815		-8764			-12171		-27753
GasWorks				15					15
Blast Furnaces				3456			225		3681
Electric Power Plants	-3	-6815		-12235			-12397		-31450
Consumption by energy Sector				-2468			-361		-2829
Losses in Transportation and distribution		-746					-201		-947
Consumption for non-energy users		-2733		-9553			-3535		-15821
Statistical differences				-2234			1530		-704
FINAL ENERGY CONSUMPTION		3045		7571			14273		24889
Consumption by industry and construction		1369		7081			7975		16425
Iron and Steel Industry				3471			629		4100
Chemical Industry							960		960
Other Industry and Construction		1369		3609			6386		11364
Consumption by Transport							688		688
Road							688		688
Cons. By households and other consumers		1676		491			5610		7777
Households		1449		347			4844		6640
Agriculture		85		144					229
Other consumers		142					765		907

NATURAL GAS Balance Sheet BY Country for 2005
(Million Cubic Meters)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	3	14340		26573			33648		74564
Stock Change							3		3
TOTAL PRIMARY ENERGY SUPPLY	3	14340		8319			33651		56313
Energy Converted	-3	-6213		-8319			-11903		-26438
GasWorks				16					16
Blast Furnaces				3676			100		3776
Electric Power Plants	-3	-213		-12012			-12003		-24231
Consumption by energy Sector				-2520			-347		-2867
Losses in Transportation and distribution		-913					-331		-1244
Consumption for non-energy users		-2709		-7850			-3649		-14208
Statistical differences				-467			1291		824
FINAL ENERGY CONSUMPTION		4505		8352			16130		28987
Consumption by industry and construction		2025		7515			9395		18935
Iron and Steel Industry				3693			537		4230
Chemical Industry							1014		1014
Other Industry and Construction		2025		3823			7845		13693
Consumption by Transport							1095		1095
Road							1095		1095
Cons. By households and other consumers		2480		837			5640		8957
Households		2144		684			4816		7644
Agriculture		125		153					278
Other consumers		210					824		1034

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	16382		26047			37242		79675
Stock Change							-4		-4
TOTAL PRIMARY ENERGY SUPPLY	4	16382		26047			37237		79670
Energy Converted	-4	-8452		-7849			-10917		-27222
GasWorks				17					17
Blast Furnaces				4232			55		4287
Electric Power Plants	-4	-8452		-12098			-10972		-31526
Consumption by energy Sector				-2039			-408		-2447
Losses in Transportation and distribution		-1030					-659		-1689
Consumption for non-energy users		-2735		-8552			-3797		-15084
Statistical differences				-543			2731		2188
FINAL ENERGY CONSUMPTION		4145		8151			18274		30570
Consumption by industry and construction		1973		7490			10601		20064
Iron and Steel Industry				4249			542		4791
Chemical Industry									0
Other Industry and Construction		1973		3241			10059		15273
Consumption by Transport		209					1677		1886
Road		209					1677		1886
Cons. By households and other consumers		1963		660			6446		9069
Households		1777		488			5513		7778
Agriculture		24		172					196
Other consumers		163					932		1095

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	17486		27761			37936		83187
Stock Change							-1		-1
TOTAL PRIMARY ENERGY SUPPLY	4	17486		27761			37936		83187
Energy Converted	-4	-8821		-7946			-10703		-27474
GasWorks				18					18
Blast Furnaces				4209			83		4292
Electric Power Plants	-4	-8821		-12173			-10785		-31783
Consumption by energy Sector				-2093			-456		-2549
Losses in Transportation and distribution		-809					-901		-1710
Consumption for non-energy users		-2907		-9933			-3995		-16835
Statistical differences				0			1630		1630
FINAL ENERGY CONSUMPTION		4949		7789			20252		32990
Consumption by industry and construction		2410		7588			11041		21039
Iron and Steel Industry				4226			585		4811
Chemical Industry									0
Other Industry and Construction		2410		3361			10456		16227
Consumption by Transport		373					2140		2513
Road		373					2140		2513
Cons. By households and other consumers		2167		201			7071		9439
Households		1967		39			6063		8069
Agriculture		23		162					185
Other consumers		176					1008		1184

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	18688		33215			38409		90467
Stock Change							-4		-4
TOTAL PRIMARY ENERGY SUPPLY	155	18688		33215			38405		90463
Energy Converted		-9782		-6520			-9731		-26033
GasWorks				19					19
Blast Furnaces				5635			213		5848
Electric Power Plants		-9782		-12173			-9944		-31899
Consumption by energy Sector				-5979			-457		-6436
Losses in Transportation and distribution		-508					-195		-703
Consumption for non-energy users		-2447		-10920			-4046		-17413
Statistical differences				-10826			3053		-7773
FINAL ENERGY CONSUMPTION	155	5951		20623			20923		47652
Consumption by industry and construction	155	2867		20364			10882		34268
Iron and Steel Industry				18389			628		19017
Chemical Industry									0
Other Industry and Construction	155	2867		1975			10254		15251
Consumption by Transport		710					2622		3332
Road		710					2622		3332
Cons. By households and other consumers		2374		259			7419		10052
Households		2147		103			6363		8613
Agriculture		22		156					178
Other consumers		205					1056		1261

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	20333		48031			39130		107636
Stock Change							-5		-5
TOTAL PRIMARY ENERGY SUPPLY	142	20333		48031			39125		107631
Energy Converted		-10917		-15664			-8949		-35530
GasWorks				19					19
Blast Furnaces				5923			77		6000
Electric Power Plants		-10917		-21606			-9025		-41548
Consumption by energy Sector				-2348			-369		-2717
Losses in Transportation and distribution		-333					-1118		-1451
Consumption for non-energy users		-2328		-16317			-4345		-22990
Statistical differences				-9515			2647		-6868
FINAL ENERGY CONSUMPTION	142	6756		23218			21697		51813
Consumption by industry and construction	142	3244		22800			11138		37324
Iron and Steel Industry				20537			464		21001
Chemical Industry									0
Other Industry and Construction	142	3244		2263			10674		16323
Consumption by Transport		965					2942		3907
Road		965					2942		3907
Cons. By households and other consumers		2547		418			7617		10582
Households		2295		249			6519		9063
Agriculture		20		169					189
Other consumers		232					1098		1330

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	21883		52808			38944		113777
Stock Change							-22		-22
TOTAL PRIMARY ENERGY SUPPLY	142	21883		52808			38923		113756
Energy Converted		-12502		-17989			-8171		-38662
GasWorks				20					20
Blast Furnaces				5840			76		5916
Electric Power Plants		-505		-23849			-8247		-32601
Consumption by energy Sector				-1010			308		-702
Losses in Transportation and distribution		-499					-1988		-2487
Consumption for non-energy users		-2797		-12477			-4255		-19529
Statistical differences	0	0		-661			2814		2153
FINAL ENERGY CONSUMPTION	142	6085		21993			21387		49607
Consumption by industry and construction	142	2013		20196			10042		32393
Iron and Steel Industry				16897			431		17328
Chemical Industry									0
Other Industry and Construction	142	2013		3299			9611		15065
Consumption by Transport		1223					3360		4583
Road		1223					3360		4583
Cons. By households and other consumers		2849		1797			7985		12631
Households		2572		1602			6901		11075
Agriculture		25		195					220
Other consumers		253					1084		1337

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	22048		48136			40688		111033
Stock Change							-8		-8
TOTAL PRIMARY ENERGY SUPPLY	161	22048		48136			40680		111025
Energy Converted				-13008			-8502		-21510
GasWorks				21					21
Blast Furnaces				6096			49		6145
Electric Power Plants		-12295		-19125			-8550		-39970
Consumption by energy Sector				-1140			-247		-1387
Losses in Transportation and distribution		-610					-815		-1425
Consumption for non-energy users	0	-2985		-12631			-4010		-19626
Statistical differences		0		-6127			4684		-1443
FINAL ENERGY CONSUMPTION	161	6158		27485			22423		56227
Consumption by industry and construction	161	1953		25373			9926		37413
Iron and Steel Industry				17223			350		17573
Chemical Industry									0
Other Industry and Construction	161	1953		8150			9576		19840
Consumption by Transport		1197					3536		4733
Road		1197					3536		4733
Cons. By households and other consumers		3008		2112			8961		14081
Households		2718		1935			7783		12436
Agriculture		25		177					202
Other consumers		264					1178		1442

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	21708		40636			36392		98896
Stock Change		-769					-9		-778
TOTAL PRIMARY ENERGY SUPPLY	160	20939		40636			36383		98118
Energy Converted		-12047		-12835			-8017		-32899
GasWorks									
Blast Furnaces									
Electric Power Plants		-12047		-12835			-8017		-32899
Consumption by energy Sector				-1138			-245		-1383
Losses in Transportation and distribution		-563					-1091		-1654
Consumption for non-energy users		-1644		-13075			-3117		-17837
Statistical differences		-1846		-26244			-3985		-32075
FINAL ENERGY CONSUMPTION	160	8531		39832			27898		76420
Consumption by industry and construction	160	3617		37656			17514		58947
Iron and Steel Industry				11127			260		11387
Chemical Industry							782		782
Other Industry and Construction	160	3617		26529			16472		46778
Consumption by Transport		1085		0			2654		3739
Road		1085		0			2654		3739
Cons. By households and other consumers		3828		2176			7730		13734
Households		2489		1994			7730		12213
Agriculture		21		182					203
Other consumers		1318							1318

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	22583		34583			30681		88000
Stock Change		8					-9		-1
TOTAL PRIMARY ENERGY SUPPLY	154	22590		34583			30672		87999
Energy Converted	0	-13013		-16445			-7611		-37070
GasWorks									0
Blast Furnaces									0
Electric Power Plants		-13013		-16445			-7611		-37070
Consumption by energy Sector				-4832			-233		-5064
Losses in Transportation and distribution		-180					-1035		-1215
Consumption for non-energy users		-1691		-16489			-2960		-21139
Statistical differences		262		-17485			3		-17220
FINAL ENERGY CONSUMPTION	154	7444		14301			18830		40730
Consumption by industry and construction	154	3828		8489			8972		21443
Iron and Steel Industry							247		247
Chemical Industry							782		782
Other Industry and Construction	154	3828		8489			7943		20414
Consumption by Transport		1089		1786			2520		5394
Road		1089		1786			2520		5394
Cons. By households and other consumers		2527		4027			7339		13892
Households		2505		3827			7339		13671
Agriculture		22		200					221
Other consumers		226		848		3	941		2018

Electricity Balance Sheet od SAARC Region

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Production of Primary Energy	131274	139784	162482	180690	184699	173856	171725	193716	186571	196111	231445
Imports	2095	2204	2232	4062	6646	7334	7223	8460	12188	9428	10785
Exports	-1824	-1996	-1996	-3937	-5779	-5983	-5946	-5881	-5299	-4894	-5652
TOTAL PRIMARY ENERGY SUPPLY	131545	139992	162748	180815	185566	175207	173002	196294	193460	200645	236578
Energy Converted	615296	646799	665481	717639	775713	815454	881534	919400	948843	1006929	1099876
Electric Power Plants	615296	646799	665481	717639	775713	815454	881534	919400	948843	1006929	1099876
Consumption by Energy Sector	-43776	-45936	-52261	-48465	-51171	-54247	-54368	-57163	-62864	-64149	-88924
losses in Transportation and Distribution	-201507	-204011	-206736	-209360	-210509	-185847	-206382	168859	-208774	-210136	-246379
Statistical differences	59858	61310	-3177	4436	7743	7010	-7948	66972	-32867	12329	-29527
FINAL ENERGY CONSUMPTION	441700	475534	572410	636193	691855	743557	801733	822701	903532	920960	1030678
Consumption by industry and construction	152488	167659	246063	280179	305741	330414	368836	319836	395794	403525	428621
Iron and Steel Industry										0	66010
Chemical Industry										0	36413
Other Industry and Construction	152488	167659	246063	280179	305741	330414	368836	319836	395794	403525	326198
Consumption by Transport	9227	9513	9963	10818	11122	12148	12415	14009	14333	14214	15453
Rail	9227	9513	9963	10818	11122	12148	12415	14009	14333	14214	15453
Cons. By households and other consumers	279985	298362	316382	345197	374993	400995	420483	488856	493406	503221	586604
Households	134870	134870	143496	157741	168365	178269	175332	222680	224238	228225	265704
Agriculture	94257	96100	98858	107879	113379	123718	131152	142216	143503	150093	169802
Other consumers	61985	67392	74029	79577	93249	99008	113999	123959	125665	124903	151098

Electricity Balance Sheet BY COUNTRY FOR 2003

(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	647	1126	2199	93022		2263	28704	3313	131274
Imports	100		24	1748		150	73		2095
Exports			-1560	-58		-206			-1824
TOTAL PRIMARY ENERGY SUPPLY	747	1126	663	94712		2207	28777	3313	131545
Energy Converted	329	18044	1	540253	141	4	52126	4398	615296
Electric Power Plants	329	18044	1	540253	141	4	52126	4398	615296
Consumption by Energy Sector	-44	-713	-11	-39801		-115	-3041	-50	-43775
losses in Transportation and Distribution	-150	-5064	-81	-174035	-10	-442	-20371	-1354	-201507
Statistical differences	367	-2940	21	60192		0	2220	-2	59858
FINAL ENERGY CONSUMPTION	515	16333	551	360937	131	1654	55271	6309	441701
Consumption by industry and construction	250	6996	366	124573		677	17366	2260	152488
Iron and Steel Industry		6085							6085
Chemical Industry									0
Other Industry and Construction	250	6996	366	124573		677	17366	2260	152488
Consumption by Transport				9210		8	9		9227
Rail				9210		8	9		9227
Cons. By households and other consumers	265	9337	185	227154	131	969	37896	4049	279986
Households	135	7258	185	89736	98	677	23624	2030	123743
Agriculture	15	446		87089		38	6669		94257
Other consumers	115	1633		50329	33	254	7603	2019	61986

Electricity Balance Sheet BY COUNTRY FOR 2004

(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	579	1226	2527	101621		2402	28466	2963	139784
Imports	100		19	1735		241	109		2204
Exports			-1845	-40		-111			-1996
TOTAL PRIMARY ENERGY SUPPLY	679	1226	701	103316		2532	28575	2963	139992
Energy Converted	350	19594	2	564252	160	14	57232	5195	646799
Electric Power Plants	350	19594	2	564252	160	14	57232	5195	646799
Consumption by Energy Sector	-44	-758	-18	-41590	-8	-169	-3303	-46	-45936
Losses in Transportation and Distribution	-165	-5257	-105	-175535	-8	-509	-21037	-1395	-204011
Statistical differences	322	-3416	19	64309		0	140	-64	61310
FINAL ENERGY CONSUMPTION	498	18221	561	386134	144	1868	61327	6781	475534
Consumption by industry and construction	240	7721	373	137589		764	18591	2381	167659
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	240	7721	373	137589		764	18591	2381	167659
Consumption by Transport				9495		6	12		9513
Rail				9495		6	12		9513
Cons. By households and other consumers	258	10500	188	239050	144	1098	42724	4400	298362
Households	130	8206	188	95660	108	773	27601	2204	134870
Agriculture	15	492		88555		50	6988		96100
Other consumers	113	1802		54835	36	275	8135	2196	67392

Electricity Balance Sheet BY COUNTRY FOR 2005
(Million Kilowatt hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	595	1293	2353	118828		2612	33346	3455	162482
Imports	100		21	1763		202	146		2232
Exports			-1624	-209		-133			-1966
TOTAL PRIMARY ENERGY SUPPLY	695	1293	750	120382		2681	33492	3455	162748
Energy Converted	365	20713	2	578406	185	10	60486	5314	665481
Electric Power Plants	365	20713	2	578406	185	10	60486	5314	665481
Consumption by Energy Sector	-50	-844	-6	-47681	-8	-149	-3463	-60	-52261
losses in Transportation and Distribution	-150	-1864	-117	-180099	-8	-538	-22506	-1454	-206736
Statistical differences	150	-305	16	-3443		0	405	0	-3177
FINAL ENERGY CONSUMPTION	710	19603	613	474451	169	2004	67604	7255	572409
Consumption by industry and construction	250	8224	404	214121		814	19803	2447	246063
Iron and Steel Industry		6085							6085
Chemical Industry				20196					20196
Other Industry and Construction	250	8224	404	214121		814	19803	2447	246063
Consumption by Transport				9944		6	13		9963
Rail				9944		6	13		9963
Cons. By households and other consumers	460	11379	209	250386	169	1184	47788	4808	316383
Households	150	8936	209	100090	127	820	30720	2444	143496
Agriculture	30	524		90292		63	7949		98858
Other consumers	280	1919		60004	42	301	9119	2364	74029

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	1389	4519	132522		2735	34241	4638	180690
Imports	594		11	2957		329	171		4062
Exports			-3644	-216		-77			-3937
TOTAL PRIMARY ENERGY SUPPLY	1240	1389	886	135263		2987	34412	4638	180815
Energy Converted	267	28490	2	619932	212	13	63972	4751	717639
Electric Power Plants	267	28490	2	619932	212	13	63972	4751	717639
Consumption by Energy Sector	-52	-961		-43577	-8	-33	-3760	-74	-48465
losses in Transportation and Distribution	-200	-1778	-121	-183043	-8	-815	-21912	-1483	-209360
Statistical differences	15	1513	3	2904		1	0	0	4436
FINAL ENERGY CONSUMPTION	1240	25627	764	525671	196	2151	72712	7832	636193
Consumption by industry and construction	300	13646	497	241216		849	21066	2605	280179
Iron and Steel Industry		6085							6085
Chemical Industry				20196					20196
Other Industry and Construction	300	13646	497	241216		849	21066	2605	280179
Consumption by Transport				10800		6	12		10818
Rail				10800		6	12		10818
Cons. By households and other consumers	940	11981	268	273655	196	1296	51634	5227	345197
Households	300	9313	114	111001	137	918	33335	2622	157740
Agriculture	60	572		99023		48	8176		107879
Other consumers	580	2096	153	63631	59	330	10123	2605	79577

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	1392	6560	137546		2783	31784	3950	184699
Imports	785		7	5230		425	199		6646
Exports			-5429	-290		-60			-5779
TOTAL PRIMARY ENERGY SUPPLY	1469	1392	1138	142486		3148	31983	3950	185566
Energy Converted	266	29894	2	675556	245	9	63877	5864	775713
Electric Power Plants	266	29894	2	675556	245	9	63877	5864	775713
Consumption by Energy Sector	-53	-1757		-45531		-31	-3718	-81	-51171
losses in Transportation and Distribution	-200	-1602	-151	-187513		-845	-18742	-1457	-210510
Statistical differences	-18	724	-1	7039		-1	0	0	7743
FINAL ENERGY CONSUMPTION	1500	27203	990	577959	245	2282	73400	8216	691795
Consumption by industry and construction	300	15097	681	265406		901	20729	2627	305741
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	300	15097	681	265406		901	20729	2627	305741
Consumption by Transport				11108		6	8		11122
Rail				11108		6	8		11122
Cons. By households and other consumers	1200	12106	310	301445	245	1375	52663	5649	374993
Households	300	9410	128	120918	172	963	33704	2771	168366
Agriculture	100	578		104182		47	8472		113379
Other consumers	800	2118	182	76345	74	365	10487	2878	93249

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	6961	129050		2803	29402	4149	173856
Imports	835		17	5899		356	227		7334
Exports			-5609	-327		-46			-5982
TOTAL PRIMARY ENERGY SUPPLY	1376	950	1368	134622		3113	29629	4149	175207
Energy Converted	247	33369	0	713481	280	9	62214	5854	815454
Electric Power Plants	247	33369	0	713481	280	9	62214	5854	815454
Consumption by Energy Sector	-55	-1929		-49977	-10	-31	-2077	-168	-54247
losses in Transportation and Distribution	-200	-4293	-166	-159409	-18	-896	-19396	-1469	-185847
Statistical differences	-132	0		7143		1	-2		7010
FINAL ENERGY CONSUMPTION	1500	28097	1203	631574	252	2194	70372	8366	743558
Consumption by industry and construction	300		869	290027		846	19330	2957	314329
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	300	16085	869	290027		846	19330	2957	330414
Consumption by Transport				12138		5	5		12148
Rail				12138		5	5		12148
Cons. By households and other consumers	1200	12012	334	329409	252	1343	51037	5409	400996
Households	300	9053	137	132135	176	946	32282	3239	178268
Agriculture	100	928		113847		48	8795		123718
Other consumers	800	2031	196	83427	76	349	9960	2169	99008

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	6998	125545		3102	30987	3901	171725
Imports	957		19	5359		639	249		7223
Exports			-5353	-519		-75			-5947
TOTAL PRIMARY ENERGY SUPPLY	1732	417	1665	130385		-3666	31236	3901	165670
Energy Converted	114	36808	0	773844	298	13	64371	6086	881534
Electric Power Plants	114	36808		773844	298	13	64371	6086	881534
Consumption by Energy Sector	-53	-2092		-49706	-10	-37	-2303	-167	-54368
losses in Transportation and Distribution	-200	-4214	-167	-180321	-19	-1073	-18957	-1431	-206382
Statistical differences	-7	-1	0	-7942		2		0	-7948
FINAL ENERGY CONSUMPTION	1600	30920	1498	682144	269	2567	74347	8389	801734
Consumption by industry and construction	300	17619	1110	326252		960	19823	2773	368837
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	300	17619	1110	326252		960	19823	2773	368837
Consumption by Transport				12408		5	2		12415
Rail				JL13484		5	2		7
Cons. By households and other consumers	1300	13301	388	343484	269	1602	54522	5616	420482
Households	300	9833	148	126080	175	1151	34272	3373	175332
Agriculture	100	1098		120209		56	9689		131152
Other consumers	900	2370	241	97195	94	395	10561	2243	113999

Electricity Balance Sheet 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	7328	140752		3204	35231	5705	193716
Imports	1867		20	5610		694	269		8460
Exports			-5268	-584		-30			-5882
TOTAL PRIMARY ENERGY SUPPLY	2634	729	2081	145778		3868	35500	5705	196295
Energy Converted	125	4b981	1	813787	256	3	59152	5096	878420
Electric Power Plants	125	40981	1	813787	256	3	59152	5096	919401
Consumption by Energy Sector	-27	-2344		-52380	-9	-30	-2239	-134	-57163
losses in Transportation and Distribution	-404	-4316	-193	-146063	15	-1094	-15315	-1458	-168828
Statistical differences	-72		314	66730			-1		66971
FINAL ENERGY CONSUMPTION	2400	35050	1574	694392	232	2746	77099	9209	822702
Consumption by industry and construction	500	20026	1323	272589		1043	21027	3148	319656
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	500	20026	1323	272589		1043	21207	3148	319836
Consumption by Transport				14003		5	1		14009
Rail				14003		5	1		14009
Cons. By households and other consumers	1900	15024	251	407800	232	1698	55891	6060	488856
Households	1387	10912	154	169326	151	1214	35885	3651	222680
Agriculture	100	1123		131967		55	8971		142216
Other consumers	413	2989	97	106507	81	429	11035	2409	123960

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	7067	136028		3309	33782	4684	186571
Imports	2732		20	8441		721	274		12188
Exports			-5268	0		-31			-5299
TOTAL PRIMARY ENERGY SUPPLY	3561	872	1820	144469		3999	34056	4684	193461
Energy Converted	176	43189	0	836978	274	3	61308	6916	948844
Electric Power Plants	176	43189	0	836978	274	3	61308	6916	948844
Consumption by Energy Sector	-286	-2476	0	-57238	-9	-31	-2550	-274	-62864
losses in Transportation and Distribution	-404	-4528	-106	-185193	-15	-1137	-16054	-1338	-208775
Statistical differences	747	-81	76	-33587		-19	-1	-1	-32866
FINAL ENERGY CONSUMPTION	2300	37138	1638	772603	250	2853	76761	9990	903533
Consumption by industry and construction	600	21696	1365	346469		1084	21801	3379	396394
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	600	21096	1365	346469		1084	21801	3379	395794
Consumption by Transport				14327		5	1		14333
Rail				14327		5			14332
Cons. By households and other consumers	1700	16042	273	411807	250	1764	54959	6611	493406
Households	1145	11958	160	170034	162	1261	35589	3928	224237
Agriculture	100	1136	2	133660		57	8548		143503
Other consumers	455	2948	112	108113	87	446	10822	2682	125665

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	6827	146497		3533	34140	3459	196111
Imports	3071		37	5152		793	375		9428
Exports			-4890			-4			-4894
TOTAL PRIMARY ENERGY SUPPLY	3949	777	1974	151649	0	4322	34515	3459	200645
Energy Converted	144	47785	0	888538	297	10	61716	8439	1006929
Electric Power Plants	144	47785		888538	297	10	61716	8439	1006929
Consumption by Energy Sector	-206	-2914	-120	-57238	-10	-24	-3341	-296	-64149
losses in Transportation and Distribution	-404	-5757	-23	-185306	-16	-1066	-16372	-1192	-210136
Statistical differences	218	-197	62	12513	-1	2	-270	2	12329
FINAL ENERGY CONSUMPTION	3265	40088	1769	785130	272	3240	76788	10408	920960
Consumption by industry and construction	600	22163	1462	352291	0	1168	22313	3528	403525
Iron and Steel Industry									0
Chemical Industry									0
Other Industry and Construction	600	22163	1462	352291		1168	22313	3528	403525
Consumption by Transport	0	0	0	14206	0	8	0	0	14214
Rail				14206		8			14214
Cons. By households and other consumers	2665	17925	307	418633	272	2064	54475	6880	503221
Households	1922	13287	182	171040	138	1476	36116	4064	228225
Agriculture	100	1267	2	140960		67	7697		150093
Other consumers	643	3371	123	106633	134	521	10662	2816	124903

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	7640	175865		3120	35927	7175	231445
Imports	3615		108	5598		1072	392		10785
Exports			-5648			-4			-5652
TOTAL PRIMARY ENERGY SUPPLY	4439	894	2100	181463	0	4188	36319	7175	236578
Energy Converted	218	52000	1	980599	313	10	61865	4870	1099876
Electric Power Plants	218	52000	1	980599	313	10	61865	4870	1099876
Consumption by Energy Sector	-266	-3183	-176	-81588	-13	-40	-3394	-264	-88924
losses in Transportation and Distribution	-490	-6992	-21	-220257	-16	-745	-16657	-1201	-246379
Statistical differences	879	85	68	-29838	11	0	-757	25	-29527
FINAL ENERGY CONSUMPTION	3022	42634	1836	890055	273	3413	78890	10555	1030678
Consumption by industry and construction	800	23915	1519	374278	0	1222	23297	3590	428621
Iron and Steel Industry				66010					66010
Chemical Industry				36413					36413
Other Industry and Construction	800	23915	1519	271855		1222	23297	3590	326198
Consumption by Transport	0	0	0	15447	0	6	0	0	15453
Rail				15447		6			15453
Cons. By households and other consumers	2222	18719	317	500330	273	2185	55593	6965	586604
Households	1634	14265	193	207237	140	1505	36717	4013	265704
Agriculture	100	1244	2	160331		89	8036		169802
Other consumers	488	3210	122	132762	133	591	10840	2952	151098

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

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Production of Primary Energy	195536	193564	195181	204972	210760	220870	217075	224366	233888	231896	236113
Imports	2	1	2	1	23	43	44	65	63	5	5
Exports	-6	-3	-3	-5	-6	-22	-19	-24	-22	0	0
Stock Change	0										
TOTAL PRIMARY ENERGY SUPPLY	195532	193562	195179	204969	210777	220891	217100	224408	233929	231901	236118
Energy Converted	1248	452	456	-2573	-2526	-8822	-10635	-12203	-14536	-29165	-10542
Electric Power Plants	-1055	-1067	-1080	-1103	-1104	-6766	-8577	-10139	-12454	-18739	-5311
Other Conversion Industries	2303	1520	1535	-1470	-1421	-2056	-2057	-2064	-2081	-10427	-5231
Statistical differences	51	53	80	-2	1078	8	9	4	11	0	158
FINAL ENERGY CONSUMPTION	196729	193962	195554	202398	207173	212061	206456	212201	219383	270736	212551
Consumption by industry and construction	42236	38695	38575	43359	45655	48853	41141	44787	50040	35465	52641
Other Industry and Construction	42336	38695	38575	43359	45655	48853	41141	44787	50040	35465	52641
Consumption by Transport										0	0
Cons. By households and other consumers	154393	155267	156979	159039	161518	163208	165315	167414	169342	235270	159910
Households	146491	148048	149642	151692	154017	154775	156788	158800	160646	162754	159910
Other consumers	7902	7219	7338	7347	7500	8433	8527	8614	8696	7570	7764

Biomass Energy Balance Sheet by Country for 2003
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	298	13465	950	164479	3	3649	11453	1240	195537
Imports								1	1
Exports				-5				-1	-6
TOTAL PRIMARY ENERGY SUPPLY	29	13465	950	164474	3	3649	11453	1240	195263
Energy Converted	61	204		897		44	41	1	1248
Electric Power Plants				-1055					-1055
Other Conversion Industries	61	204		1952		44	41	1	2303
Statistical differences		7	4	-5		44		1	51
FINAL ENERGY CONSUMPTION	358	13662	946	165376	3	3650	11494	1240	196729
Consumption by industry and construction		98		38945		196	2385	712	42336
Other Industry and Construction		98		38945		196	2385	712	42336
Consumption by Transport									0
Cons. By households and other consumers	358	13564	946	126431	3	3454	9109	528	154393
Households	358	13367	942	118800	3	3384	9109	528	146491
Other consumers		197	4	7631		71			7903

Biomass Energy Balance Sheet by Country for 2004
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	306	13560	964	161981	3	3674	11849	1227	193564
Imports				1					1
Exports				-3					-3
TOTAL PRIMARY ENERGY SUPPLY	306	13560	964	161979	3	3674	11849	1227	193562
Energy Converted	63	206		95		45	42	1	452
Electric Power Plants				-1067					-1067
Other Conversion Industries	63	206		1162		45	42	1	1519
Statistical differences		7	4	-5		46		1	53
FINAL ENERGY CONSUMPTION	369	13759	960	162079	3	3674	11891	1227	193962
Consumption by industry and construction		74		34992		205	2632	792	38695
Other Industry and Construction		74		34992		205	2632	792	38695
Consumption by Transport									0
Cons. By households and other consumers	369	13685	960	127087	3	3469	9259	435	155267
Households	369	13486	956	120139	3	3402	9259	435	148049
Other consumers		199	4	6948		67			7218

Biomass Energy Balance Sheet by Country for 2005
(Thousand Tonnes of Oil Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	314	13693	979	164262	3	3689	11004	1238	195182
Imports				1					1
Exports				-3					-3
TOTAL PRIMARY ENERGY SUPPLY	314	13693	979	164260	3	3689	11004	1238	195180
Energy Converted	65	209		91		46	43	1	455
Electric Power Plants				-1080					-1080
Other Conversion Industries	65	209		1171		46	43	1	1535
Statistical differences		7	29	-5		49		1	81
FINAL ENERGY CONSUMPTION	380	13895	950	164356	3	3686	11047	1238	195555
Consumption by industry and construction		71		35800		194	1670	841	38576
Other Industry and Construction		71		35800		194	1670	841	38576
Consumption by Transport									0
Cons. By households and other consumers	380	13824	950	128556	3	3492	9377	397	156979
Households	380	13622	946	121492	3	3424	9377	397	149641
Other consumers		202	4	7064		68			7338

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	13830	987	171826	3	3699	11554	2752	204972
Imports								1	1
Exports				-2				-2	-4
TOTAL PRIMARY ENERGY SUPPLY	321	13830	987	171824	3	3699	11554	2751	204969
Energy Converted	-125	-189	-13	-2161		-45	-40	-1	-2574
Electric Power Plants				-1103					-1103
Other Conversion Industries	-125	-189	-13	-1058		-45	-40	-1	-1471
Statistical differences								-2	-2
FINAL ENERGY CONSUMPTION	197	13641	974	169663	3	3654	11514	2752	202398
Consumption by industry and construction		86		39832		201	2306	934	43359
Other Industry and Construction		86		39832		201	2306	934	43359
Consumption by Transport									0
Cons. By households and other consumers	197	13555	974	129831	3	3453	9209	1817	159039
Households	197	13344	970	122768	3	3383	9209	1818	151692
Other consumers		211	4	7063		70			7348

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	13834	999	176834	3	3709	12399	2653	210759
Imports			19					3	22
Exports			-3	-2				-1	-6
TOTAL PRIMARY ENERGY SUPPLY	328	13834	1016	176832	3	3709	12399	2655	210776
Energy Converted	-62	-191	-13	-2170	1	-46	-44	-1	-2526
Electric Power Plants				-1104					-1104
Other Conversion Industries	-62	-191	-13	-1066	1	-46	-44	-1	-1422
Statistical differences				1078				1	1079
FINAL ENERGY CONSUMPTION	266	13643	1003	173585	4	3663	12355	2653	207172
Consumption by industry and construction		100		41891		203	2566	895	45655
Other Industry and Construction		100		41891		203	2566	895	45655
Consumption by Transport									0
Cons. By households and other consumers	266	13543	1003	131694	4	3460	9789	1758	161517
Households	266	13330	999	124482	4	3390	9789	1758	154018
Other consumers		213	4	7212		71			7500

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	13865	1012	185427	3	3726	12898	3603	220869
Imports			33	1				8	42
Exports			-6	-17					-23
TOTAL PRIMARY ENERGY SUPPLY	335	13865	1039	185412	4	3726	12898	3612	220891
Energy Converted	-63	-189	-4	-8472	1	-46	-45	-4	-8822
Electric Power Plants				-6762				-4	-6766
Other Conversion Industries	-63	-189	-4	-1710	1	-46	-45		-2056
Statistical differences								8	8
FINAL ENERGY CONSUMPTION	272	13677	1035	176940	4	3680	12853	3599	212060
Consumption by industry and construction		65		44601		203	2948	1036	48853
Other Industry and Construction		65		44601		203	2948	1036	48853
Consumption by Transport									0
Cons. By households and other consumers	272	13612	1035	132339	4	3476	9906	2564	163208
Households	272	13392	1031	124203	4	3403	9906	2564	154775
Other consumers		220	4	8135		73			8432

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	13916	1025	182292	3	3730	12055	3712	217075
Imports			33	2				9	44
Exports			-6	-14					-20
TOTAL PRIMARY ENERGY SUPPLY	342	13916	1052	182280	4	3730	12055	3720	217099
Energy Converted	-65	-191	-4	-10271	1	-47	-42	-17	-10636
Electric Power Plants				-8560				-17	-8577
Other Conversion Industries	-65	-191	-4	-1710	1	-47	-42		-2058
Statistical differences								9	9
FINAL ENERGY CONSUMPTION	278	13726	1048	172010	4	3684	12013	3694	206457
Consumption by industry and construction		47		37768		199	2061	1066	41141
Other Industry and Construction		47		37768		199	2061	1066	41141
Consumption by Transport									0
Cons. By households and other consumers	278	13679	1048	134242	4	3485	9952	2628	165316
Households	278	13456	1043	126016	4	3411	9952	2628	156788
Other consumers		222	5	8226		74			8527

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	14000	1038	189091	3	3703	12337	3841	224365
Imports			50	1		3		10	64
Exports			-10	-1					-11
TOTAL PRIMARY ENERGY SUPPLY	352	14000	1078	189079	4	3706	12337	3852	224408
Energy Converted	-67	-193	-4	-11825	1	-48	-43	-24	-12203
Electric Power Plants				-10115				-24	-10139
Other Conversion Industries	-67	-193	-4	-1710	1	-48	-43		-2064
Statistical differences						-7		10	3
FINAL ENERGY CONSUMPTION	285	13808	1074	177253	4	3665	12294	3817	212200
Consumption by industry and construction		56		41113		199	2274	1145	44787
Other Industry and Construction		56		41113		199	2274	1145	44787
Consumption by Transport									0
Cons. By households and other consumers	285	13752	1074	136141	4	3466	10020	2672	167414
Households	285	13527	1072	127828	4	3391	10020	2673	158800
Other consumers		224	2	8313		75			8614

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	14073	1050	197969	3	3694	12906	3839	233889
Imports			50	1				11	62
Exports				-21					-21
TOTAL PRIMARY ENERGY SUPPLY	355	14073	1099	197949	4	3694	120906	3850	341930
Energy Converted	-69	-194	-17	-14141	1	-49	-44	-23	-14536
Electric Power Plants				-12431				-23	-12454
Other Conversion Industries	-69	-194	-17	-1710	1	-49	-44		-2082
Statistical differences								11	11
FINAL ENERGY CONSUMPTION	286	13879	1082	183808	4	3645	12862	3816	219382
Consumption by industry and construction		65		45774		205	2779	1217	50040
Other Industry and Construction		65		45774		205	2779	1217	50040
Consumption by Transport									0
Cons. By households and other consumers	286	13814	1082	138033	4	3440	10083	2599	169341
Households	286	13588	1080	129641	4	3365	10083	2599	160646
Other consumers		226	2	8392		76			8696

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	13638		193260	3	7609	13246	3775	231896
Imports						5			5
Exports									
TOTAL PRIMARY ENERGY SUPPLY	364	13638		193260	3	7614	13246	3775	231901
Energy Converted				-10410				-16	-10427
Electric Power Plants				-5205					-5205
Other Conversion Industries				-5205				-16	-5222
Statistical differences	153	2885	-1024	11304	1	1040	98	1231	15687
FINAL ENERGY CONSUMPTION	210	10754	1024	171546	2	6574	13148	2528	205787
Consumption by industry and construction		56		32003		346	3038	23	35465
Other Industry and Construction		56		32003		346	3038	23	35465
Consumption by Transport									
Cons. By households and other consumers	210	10698	1024	139543	2	6229	10110	2505	170322
Households	210	10474	1024	132254	2	6173	10110	2505	162754
Other consumers		223		7289		56			7568

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	13710		196341	3	8645	13322	3721	236113
Imports						5			5
Exports									
TOTAL PRIMARY ENERGY SUPPLY	370	13710		196341	4	8650	13322	3721	236118
Energy Converted				-10518				-24	-10542
Electric Power Plants				-5304				-8	-5311
Other Conversion Industries				-5215				-16	-5231
Statistical differences	158								158
FINAL ENERGY CONSUMPTION	213	10566	1036	176410	2	7427	13223	3675	212551
Consumption by industry and construction		65		47849		389	3077	1260	52641
Other Industry and Construction		65		47849		389	3077	1260	52641
Consumption by Transport									
Cons. By households and other consumers	213	10501	1036	128560	2	7038	10146	2415	159910
Households	213	10501	1036	128560	2	7038	10146	2415	159910
Other consumers		225	2	7481		56			7764

Part II:

ENERGY PRODUCTION AND SUPPLY

Domestic energy Production in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	382	381	390	404	557	761	882	1045	1590	1451	1526
Bangladesh	23869	24733	25702	27672	28617	29835	31187	32537	32845	37792	37063
Bhutan	1181	1198	1236	1436	1626	1685	1650	1718	1721	1763	1850
India	445232	456373	473089	497296	519612	551891	584822	602485	612239	744688	760744
Maldives	3	3	3	3	3	3	3	3	3	29	29
Nepal	3848	3883	3916	3944	3954	3973	4003	3985	3985	7911	8412
Pakistan	42696	45921	46988	50220	51772	52005	51709	52181	54161	60665	54973
Sri Lanka	1520	1477	1530	3144	2987	3954	4040	4323	4235	4782	4732
Total SAARC Region	518731	533969	552853	584118	609127	644107	678295	698278	710779	858957	869200

Domestic energy Production in SAARC Region for 2003

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	24		6	55	298	383
Bangladesh		106	10203	95	13465	23869
Bhutan	45			186	950	1181
India	212162	36893	23841	7857	164479	445232
Maldives					3	3
Nepal	8			191	3649	3848
Pakistan	1539	3256	24025	2424	11453	42697
Sri Lanka				280	1240	1520
Total SAARC Region	213778	40255	58075	11088	195537	518733

Domestic energy Production in SAARC Region for 2004

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	23		3	49	306	381
Bangladesh		95	10974	104	13560	24733
Bhutan	21			213	964	1198
India	224873	37286	23649	8583	161981	456372
Maldives					3	3
Nepal	6			203	3674	3883
Pakistan	2131	3355	26182	2404	11849	45921
Sri Lanka				250	1227	1477
Total SAARC Region	227054	40736	60808	11806	193564	533968

Domestic energy Production in SAARC Region for 2005

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Country Total
Afghanistan	23		2	50	314	389
Bangladesh		102	11798	109	13693	25702
Bhutan	58			199	979	1236
India	238731	36003	24057	10037	164262	473090
Maldives					3	3
Nepal	6			221	3689	3916
Pakistan	2263	3428	27477	2817	11004	46989
Sri Lanka				292	1238	1530
Total SAARC Region	241081	39533	63334	13725	195182	552855

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	13477	117	13830	27672
Bhutan	67			382	987	1436
India	252563	38132	23581	11913	171826	498015
Maldives					3	3
Nepal	14			231	3699	3944
Pakistan	1692	3670	30412	2892	11554	50220
Sri Lanka				392	2752	3144
Total SAARC Region	254509	41901	67474	15982	204972	584838

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	14386	118	13834	28618
Bhutan	72			554	999	1625
India	268131	37896	25133	11618	176834	519612
Maldives					3	3
Nepal	10			235	3709	3954
Pakistan	1916	3794	30979	2685	12399	51773
Sri Lanka				334	2653	2987
Total SAARC Region	270487	41779	70502	15602	210759	609129

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	15374	80	13865	29834
Bhutan	85			588	1012	1685
India	288103	37391	30070	10900	185427	551891
Maldives					3	3
Nepal	10			237	3726	3973
Pakistan	1736	3522	31365	2483	12898	52004
Sri Lanka				350	3603	3953
Total SAARC Region	290585	41016	76951	14684	220869	644105

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	16728	35	13916	31187
Bhutan	33			591	1025	1649
India	310871	37571	43484	10604	182292	584822
Maldives					3	3
Nepal	10			262	3730	4002
Pakistan	1617	3466	31954	2617	12055	51709
Sri Lanka				330	3711	4041
Total SAARC Region	313311	41109	92296	14504	217074	678294

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	1046
Bangladesh	378	94	18003	62	14000	32537
Bhutan	60			619	1038	1717
India	311951	41747	47808	11889	189091	602486
Maldives					3	3
Nepal	11			271	3703	3985
Pakistan	1603	3464	31802	2976	12337	52182
Sri Lanka				482	3841	4323
Total SAARC Region	314502	45305	97743	16364	224365	698279

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	1018		147	70	355	1590
Bangladesh	443	117	18139	74	14073	32846
Bhutan	75			597	1050	1722
India	317115	42088	43578	11490	197969	612240
Maldives					3	3
Nepal	12			279	3694	3985
Pakistan	1678	3497	33226	2853	12906	54160
Sri Lanka				396	3819	4215
Total SAARC Region	320341	45702	95090	15759	233869	710761

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	0	147	86	364	1451
Bangladesh	575	249	19222	4108	13638	37792
Bhutan	122	0	0	578	1063	1763
India	384109	42434	37302	87583	193260	744688
Maldives	0	0	0	25	3	29
Nepal	6	0	0	300	7604	7911
Pakistan	1948	3940	33398	8132	13246	60665
Sri Lanka	0	0	0	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	0	142	86	370	1526
Bangladesh	589	264	20730	4487	10993	37063
Bhutan	129	0	0	646	1074	1850
India	389558	42131	31746	100968	196341	760744
Maldives	0	0	0	26	3	29
Nepal	10	0	0	265	8138	8412
Pakistan	1453	3761	28164	8273	13322	54973
Sri Lanka	0	0	0	1019	3713	4732
Total SAARC Region	392666	46156	80782	115771	233954	869329

TOTAL PRIMARY ENERGY SUPPLY in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	540	584	596	837	1058	1828	2687	3280	4484	1592	1903
Bangladesh	27948	28773	30167	33513	33894	34393	35722	37435	37950	40299	37883
Bhutan	1093	1109	1133	1156	1207	1258	1290	1378	1400	578	0
India	540374	556285	574295	607501	644377	696843	744788	745180	783343	985059	1022021
Maldives	198	248	225	287	297	334	352	355	365	29	3
Nepal	4720	4707	4859	4734	4756	4889	5139	5334	5340	8160	10556
Pakistan	54491	60683	61786	67434	71169	70989	70571	71903	73167	70660	62625
Sri Lanka	4853	5203	5158	6902	6890	7723	8124	8457	8936	6896	10361
Total SAARC Region	636220	659596	680224	724370	765655	820265	870682	875332	916996	1113273	1145352

Total Primary Energy Supply in SAARC Region 2003

(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		150	6	63	298	541
Bangladesh	344		3842	10203	95	13465	27949
Bhutan	39		49		56	950	1094
India	225184	1050	117825	23841	8000	164474	540374
Maldives			195			3	198
Nepal	200		684		186	3649	4719
Pakistan	2612	1	13964	24031	2431	11453	54492
Sri Lanka	66		3267		280	1240	4853
Total SAARC Region	228469	1051	139976	58081	11111	195532	634220

Total Primary Energy Supply in SAARC Region 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	23		195	3	57	306	584
Bangladesh	344		3791	10974	104	13560	28773
Bhutan	34		52		59	964	1109
India	240460	1461	120009	23649	8727	161979	556285
Maldives			245			3	248
Nepal	177		642		214	3674	4707
Pakistan	4381		15850	26189	2414	11849	60683
Sri Lanka	65	1	3660		250	1227	5203
Total SAARC Region	245484	1462	144444	60815	11825	193562	657592

Total Primary Energy Supply in SAARC Region 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural gas	Electricity	Biomass Energy	Country Total
Afghanistan	23		198	2	59	314	596
Bangladesh	344		4223	11798	109	13693	30167
Bhutan	39		52		63	979	1133
India	253692	1524	120594	24057	10168	164260	574295
Maldives			221			3	224
Nepal	282		662		226	3689	4859
Pakistan	4197		16278	27479	2829	11004	61787
Sri Lanka	65	1	3563		292	1238	5159
Total SAARC Region	258642	1525	145791	63336	13746	195180	678220

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		5940	13477	117	13830	33513
Bhutan	22		72		75	987	1156
India	270410	2853	127408	23581	11425	171824	607501
Maldives			283			3	286
Nepal	178		605		252	3699	4734
Pakistan	4585		17981	30408	2907	11554	67435
Sri Lanka	65	1	3694		392	2751	6903
Total SAARC Region	275433	2854	156366	67470	15273	204969	722365

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	1058
Bangladesh	191		5367	14386	118	13834	33896
Bhutan	21		75		96	1016	1208
India	294342	2569	133467	25133	12035	176832	644378
Maldives			293			3	296
Nepal	226		556		266	3709	4757
Pakistan	5989		19101	30978	2701	12399	71168
Sri Lanka	47		3855		334	2655	6891
Total SAARC Region	300983	2596	163122	70501	15674	210776	763652

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	1829
Bangladesh	805		4268	15374	80	13865	34392
Bhutan	29		74		116	1039	1258
India	320600	359	149031	30070	11371	185412	696843
Maldives			330			4	334
Nepal	212		688		263	3726	4889
Pakistan	4901		19326	31361	2503	12898	70989
Sri Lanka	57		3704		350	3612	7723
Total SAARC Region	326843	403	178374	76947	14799	220891	818257

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	1667	130	149	342	2690
Bangladesh	847		4196	16728	35	13916	35722
Bhutan	15		82		141	1052	1290
India	341810	1473	164728	43484	11013	182280	744788
Maldives			348			4	352
Nepal	221		878		310	3730	5139
Pakistan	4797		19131	31949	2638	12055	70570
Sri Lanka	58		4017		330	3720	8125
Total SAARC Region	348092	1531	195047	92291	14616	217099	868676

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	1973	130	222	352	3280
Bangladesh	888		4482	18003	62	14000	37435
Bhutan	20		104		176	1078	1378
India	344519	504	150958	47808	12313	189079	745181
Maldives			352			4	356
Nepal	347		954		327	3706	5334
Pakistan	4516		20267	31784	2998	12337	71902
Sri Lanka	59		4065		482	3852	8458
Total SAARC Region	350848	608	183155	97725	16580	224408	873324

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	1018	104	2560	147	301	355	4485
Bangladesh	897		4767	18139	74	14073	37950
Bhutan	24		123		154	1099	1400
India	374444	1156	154014	43578	12202	197949	783343
Maldives			362			4	366
Nepal	333		976		338	3694	5341
Pakistan	4448		19717	33219	2876	12906	73166
Sri Lanka	294		4396		396	3850	8936
Total SAARC Region	381458	1260	186915	95083	16341	233930	914987

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		147	86	364	1592
Bangladesh	1245		1380	19927	4108	13638	40299
Bhutan					578		578
India	490762	8194	225511	37302	30029	193260	985059
Maldives					25	3	29
Nepal	252				300	7609	8160
Pakistan	4504	127	11245	33407	8132	13246	70660
Sri Lanka	499		1616		1006	3775	6896
Total SAARC Region	498114	8462	239752	90783	44265	231896	1113273

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	0	142	336	370	1903
Bangladesh	1358		1558	20723	535	13710	37883
Bhutan							
India	509219	18980	229544	48632	19305	196341	1022021
Maldives						3	3
Nepal	315				1596	8645	10556
Pakistan	4120	120	11256	28172	5635	13322	62625
Sri Lanka	524		1920		4196	3721	10361
Total SAARC Region	516464	19226	244277	97669	31603	236113	1145352

Part III:

ENERGY CONSUMPTION

FINAL ENERGY CONSUMPTION in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	548	549	581	676	789	1680	2201	3028	4130	7049	7281
Bangladesh	20909	20892	22667	22316	23325	24628	25685	25697	26165	27998	28243
Bhutan	1079	1093	1092	1132	1181	1239	1271	1330	1367	1349	1388
India	338772	339283	353410	379151	406163	463826	483104	474515	486575	471263	557899
Maldives	174	221	192	249	256	283	300	311	317	554	294
Nepal	4660	4629	4773	4614	4635	144444	4998	5197	5195	12711	10133
Pakistan	38574	44068	44761	47777	51919	51002	51375	51695	53490	46940	53899
Sri Lanka	4377	4546	4537	5904	5828	6684	7062	7604	7604	7507	7643
Total SAARC Region	409094	415280	432013	461819	494096	554106	575995	569318	584841	575372	666780

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2003

(THOUSAND TONNES OF OIL)

	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			121	25				43	358	547
BANGLADESH	344		1065	1667	21	2771		1380	13662	20910
BHUTAN	39		20	24	4			47	946	1080
INDIA	46162	9481	20030	51204	9668	3051	3313	30486	165376	338771
MALDIVES			31	130				11	3	175
NEPAL	200		356	246	68			140	3650	4660
PAKISTAN	1660	67	2102	8203	376	9889	113	4668	11494	38572
SRI LANKA	66	1	799	1567	172			533	1240	4378
TOTAL SAARC REGION	48471	9549	24524	63066	10309	15711	3426	37308	196729	409093

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2004

(THOUSAND TONNES OF OIL)

	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			105	33				42	369	549
BANGLADESH	344		1044	1683	17	2505		1539	13759	20891
BHUTAN	34		22	24	4			47	960	1091
INDIA	46214	9513	20199	51180	10629	3712	3143	32615	162079	339284
MALDIVES			43	163				12	3	221
NEPAL	177		289	248	83			158	3674	4629
PAKISTAN	3575	110	2326	8886	445	11471	184	5180	11891	44068
SRI LANKA	65	1	938	1567	176			573	1227	4547
TOTAL SAARC REGION	50409	9624	24966	63784	11354	17688	3327	40166	193962	415280

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2005

(THOUSAND TONNES OF OIL)

	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	0		100	41				60	380	581
BANGLADESH	344		1051	2002	13	3706		1656	13895	22667
BHUTAN	39		22	25	4			52	950	1092
INDIA	55664	10058	19235	45289	11173	4218	3343	40074	164356	353410
MALDIVES			34	140				14	3	191
NEPAL	282		286	255	95			169	3686	4773
PAKISTAN	3809	49	2182	8175	619	13090	82	5710	11047	44763
SRI LANKA	65	1	981	1460	180			613	1238	4538
TOTAL SAARC REGION	60203	10108	23891	57387	12084	21014	3425	48348	195555	432015

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2006

(THOUSAND TONNES OF OIL)

	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	1873	9	3410		2165	13641	22317
BHUTAN	22		24	42	5			65	974	1132
INDIA	65397	10842	21591	48633	11246	3532	3847	44400	169663	379151
MALDIVES			45	184				17	3	249
NEPAL	168		231	278	100			182	3654	4613
PAKISTAN	4037	27	2124	7993	650	15245	45	6142	11514	47777
SRI LANKA	65	1	865	1378	182			662	2752	5905
TOTAL SAARC REGION	70033	10870	25931	60579	12192	22187	3892	53738	202398	461820

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2007

(THOUSAND TONNES OF OIL)

	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	2117	13	4072		2298	13643	23326
BHUTAN	21		22	46	6			84	1003	1182
INDIA	71479	10562	26712	55581	12375	3225	3826	48817	173585	406162
MALDIVES			43	188				21	4	256
NEPAL	226		197	254	103			193	3663	4636
PAKISTAN	5160	40	2320	8694	612	16470	67	6200	12355	51918
SRI LANKA	47		918	1326	185			699	2653	5828
TOTAL SAARC REGION	77277	10602	31339	68316	13294	23767	3893	58439	207172	494099

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2008

(THOUSAND TONNES OF OIL)

	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	1680
BANGLADESH	573		876	2189	44	4896		2373	13677	24628
BHUTAN	29		18	49	6			102	1035	1239
INDIA	95861	9132	29813	67458	12607	13552	5118	53345	176940	463826
MALDIVES			53	194	11			21	4	283
NEPAL	212		156	402	129			185	3680	4764
PAKISTAN	4135	111	2241	8048	585	16912	174	5944	12853	51003
SRI LANKA	57		870	1259	193			707	3599	6685
TOTAL SAARC REGION	101064	9243	34697	79871	13575	35502	5292	62804	212060	554108

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2009

(THOUSAND TONNES OF OIL)

	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	2202
BANGLADESH	606		892	2248	44	5558		2612	13726	25686
BHUTAN	15		20	54	7			127	1048	1271
INDIA	101849	9499	31618	73995	15498	15640	5380	57617	172010	483106
MALDIVES			56	204	13			23	4	300
NEPAL	221		163	557	156			217	3684	4998
PAKISTAN	4469	40	2664	7599	591	17655	63	6280	12013	51374
SRI LANKA	58		860	1552	190			709	3694	7063
TOTAL SAARC REGION	107523	9539	37125	86711	16499	38983	5443	67720	206457	576000

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2010

(THOUSAND TONNES OF OIL)

	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		1221	755		130		203	285	3028
BANGLADESH	643		927	2309	44	5006		2960	13808	25697
BHUTAN	20		23	73	8			133	1074	1331
INDIA	91183	9897	32851	67898	16871	14605	5305	58651	177253	474514
MALDIVES			53	221	13			20	4	311
NEPAL	347		179	597	176			232	3665	5196
PAKISTAN	4209	40	3035	7626	516	17403	62	6512	12294	51697
SRI LANKA	59		987	1758	205			778	3817	7604
TOTAL SAARC REGION	96895	9937	39276	81237	17833	37144	5367	69489	212200	569378

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2011

(THOUSAND TONNES OF OIL)

	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		1755	808		147		194	286	4129
BANGLADESH	687		968	2383	44	5066		3137	13879	26164
BHUTAN	24		26	88	8			138	1082	1366
INDIA	78687	10783	33714	71424	18019	19344	5538	65257	183808	486574
MALDIVES			55	223	14			21	4	317
NEPAL	333		189	586	201			241	3645	5195
PAKISTAN	4276	26	3508	7531	493	18271	40	6484	12862	53491
SRI LANKA	49		895	1779	220			844	3816	7603
TOTAL SAARC REGION	84995	10809	41110	84822	18999	42828	5578	76316	219382	584839

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2012
(THOUSAND TONNES OF OIL)

	HARD COAL LIGNITE AND PEAT	BRIQUETTS AND COKES	LIGHT PETROLEUM PRODUCTS	HEAVY PETROLEUM PRODUCTS	LPG AND REFINERY GAS	NATURAL GAS	DERIVED GASES	ELECTRICITY	BIOMASS ENERGY	COUNTRY TOTAL
AFGHANISTAN	776	127	4641	872		147		276	210	7049
BANGLADESH	918		638	3028	22	6842		3391	13158	27998
BHUTAN	36		27	102	8			150	1027	1349
INDIA	95751	9819	34779	73709	17677	19281	7252	66422	146573	471263
MALDIVES	252		43	223	11			23	2	554
NEPAL	4278		255	720	222			274	6962	12711
PAKISTAN	68	23	4097	7466	441	18201	38	6496	10110	46940
SRI LANKA	2	0	936	1715	238			881	3735	7507
TOTAL SAARC REGION	102081	9969	45418	87834	18619	44471	7290	77913	181778	575372

FINAL ENERGY CONSUMPTION IN SAARC REGION FOR 2013
(THOUSAND TONNES OF OIL)

	HARD COAL LIGNITE AND PEAT	BRIQUETTS AND COKES	LIGHT PETROLEUM PRODUCTS	HEAVY PETROLEUM PRODUCTS	LPG AND REFINERY GAS	NATURAL GAS	DERIVED GASES	ELECTRICITY	BIOMASS ENERGY	COUNTRY TOTAL
AFGHANISTAN	845	127	4827	872		142		256	213	7281
BANGLADESH	887		609	2776	21	7060		3607	13283	28243
BHUTAN	50		27	110	7			156	1038	1388
INDIA	190155	3645	30169	66713	17482	13964	8325	75299	152147	557899
MALDIVES			57	198	13			23	2	294
NEPAL	315		280	763	249			289	8237	10133
PAKISTAN	3885	24	4445	7791	536	17280	41	6674	13223	53899
SRI LANKA	58		943	1827	247			893	3675	7643
TOTAL SAARC REGION	196194	3797	41358	81050	18556	38445	8366	87196	191818	666780

ENERGY CONSUMPTION IN IRON AND STEEL INDUSTRY in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan											
Bangladesh											
Bhutan											
India	30550	31654	34953	45404	49413	50167	53798	50264	47830	48739	55938
Maldives											
Nepal											
Pakistan	513	624	487	470	518	624	418	392	311	277	268
Sri Lanka	5	5	4	11	4	4	6	10	6	7	7
Total SAARC Region	31068	32283	35444	45885	49935	50795	54222	50666	48147	49023	56212

Energy Consumption in Iron and Steel Industry in SAARC Region for 2003

(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	16905	9170	406	756		3313		30550
Pakistan		67			332	113		512
Sri Lanka				5				5
Total SAARC Region	16905	9237	406	761	332	3426	0	31067

Energy Consumption in Iron and Steel Industry in SAARC Region for 2004

(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	18275	9303	124	809		3143		31654
Pakistan		110			330	184		624
Sri Lanka				5				5
Total SAARC Region	18275	9413	124	814	330	3327	0	32283

Energy Consumption in Iron and Steel Industry in SAARC Region for 2005

(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	20825	9784	57	944		3343		34953
Pakistan		49			356	82		487
Sri Lanka				4				4
Total SAARC Region	20825	9833	57	948	356	3425	0	35444

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	29839	10630	34	1054		3847		45404
Pakistan		27			398	45		470
Sri Lanka				11				11
Total SAARC Region	29839	10657	34	1065	398	3892	0	45885

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	25092	9618		257	9992	5305		50264
Pakistan		40			290	62		392
Sri Lanka				10				10
Total SAARC Region	25092	9658	0	267	10282	5367	0	50666

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	22135	8896	74	2414	11530	5118		50167
Pakistan		111			339	174		624
Sri Lanka				4				4
Total SAARC Region	22135	9007	74	2418	11869	5292	0	50795

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	23487	9250	3	2464	13213	5380		53797
Pakistan		40			316	63		419
Sri Lanka				6				6
Total SAARC Region	23487	9290	3	2470	13529	5443	0	54222

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	25092	9618		257	9992	5305		50264
Pakistan		40			290	62		392
Sri Lanka				10				10
Total SAARC Region	25092	9658	0	267	10282	5367	0	50666

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	21502	10421		314	10054	5538		47829
Pakistan		26			246	40		312
Sri Lanka				6				6
Total SAARC Region	21502	10447	0	320	10300	5578	0	48147

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	25282	125		282	10214	7252	5584	48739
Pakistan					239	38		277
Sri Lanka				7				7
Total SAARC Region	25282	125		289	10453	7290	5584	49023

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	41533			495		8325	5584	55938
Pakistan					227	41		277
Sri Lanka				7				7
Total SAARC Region	41533			502	227	8366	5584	56212

FINAL ENERGY CONSUMPTION IN CHEMICAL INDUSTRY in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
AFGHANISTAN											
BANGLADESH											
BHUTAN											
INDIA	4573	4797	1060	2162	8754	6437	5433	2040	11001	15310	9042
MALDIVES											
NEPAL											
PAKISTAN	779	784	828							717	1182
SRI LANKA	106	99	129		1						
TOTAL SAARC REGION	5458	5680	2017	2162	8755	6437	5433	2040	11001	16027	10223

Energy Consumption in Chemical Industry in SAARC Region for 2003

(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	1181			3392				4573
Pakistan						779		779
Sri Lanka			106					106
Total SAARC Region	1181	0	106	3392		779	0	5458

Energy Consumption in Chemical Industry in SAARC Region for 2004

(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	1261			3536				4797
Pakistan						784		784
Sri Lanka			99					99
Total SAARC Region	1261	0	99	3536		784	0	5680

Energy Consumption in Chemical Industry in SAARC Region for 2005

(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	703			357				1060
Pakistan						828		828
Sri Lanka			129					129

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		1239	435	9			2162
Pakistan								0
Sri Lanka								0
Total SAARC Region	479	0	1239	435	9	0	0	2162

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		6262	2011	6			8754
Pakistan								0
Sri Lanka				1				1
Total SAARC Region	475	0	6262	2012	6	0	0	8755

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	1916		1387	3128	7			6438
Pakistan								0
Sri Lanka								0
Total SAARC Region	1916	0	1387	3128	7	0	0	6438

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	1523		607	3296	7			5433
Pakistan								0
Sri Lanka								0
Total SAARC Region	1523	0	607	3296	7	0	0	5433

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			2041
Pakistan								0
Sri Lanka								0
Total SAARC Region	315	0	824	893	9	0	0	2041

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	1607		8500	872	22			11001
Pakistan								0
Sri Lanka								0
Total SAARC Region	1607	0	8500	872	22	0	0	11001

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	1723	0	9759	736	12			12229
Pakistan								717
Sri Lanka								0
Total SAARC Region	1723	0	9759	736	12			12229

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	1940		3184	837			3081	9042
Pakistan				464		717		1182
Sri Lanka								
Total SAARC Region	1940		3184	1301		717	3081	10223

ENERGY CONSUMPTION IN ROAD TRANSPORT in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	102	70	80	286	323	852	1159	1889	2461	5435	5621
Bangladesh	900	875	1012	1251	1458	1820	2105	2394	2460	2402	2323
Bhutan	7	8	8	12	13	14	16	19	21	23	23
India	27937	29237	28198	31186	34090	14292	16542	17505	18411	18698	65962
Maldives	12	19	20	24	29	28	29	31	33	109	110
Nepal	233	238	249	265	272	406	556	605	611	841	916
Pakistan	7870	8797	8248	8681	10573	10638	10754	11123	11740	11654	11995
Sri Lanka	1590	1688	1514	1467	1356	1496	1836	2112	2224	2215	813
Total SAARC Region	38651	40932	39329	43172	48114	29546	32997	35678	37961	41376	87763

Energy Consumption in Road Transport in SAARC Region for 2003

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	77	25			102
Bangladesh	308	591			899
Bhutan	7				7
India	8002	19935			27937
Maldives	12				12
Nepal	53	178	2		233
Pakistan	1107	6399		365	7871
Sri Lanka	349	1241			1590
Total SAARC Region	9915	28369	2	365	38651

Energy Consumption in Road Transport in SAARC Region for 2004

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	37	33			70
Bangladesh	280	595			875
Bhutan	8				8
India	8510	20727			29237
Maldives	19				19
Nepal	56	180	2		238
Pakistan	1361	6874		562	8797
Sri Lanka	463	1224			1687
Total SAARC Region	10734	29633	2	562	40931

Energy Consumption in Road Transport in SAARC Region for 2005

(Thousand Tonnes of Oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Country Total
Afghanistan	39	41			80
Bangladesh	298	714			1012
Bhutan	8				8
India	8920	19278			28198
Maldives	20				20
Nepal	58	188	3		249
Pakistan	1185	6169		894	8248
Sri Lanka	467	1047			1514
Total SAARC Region	10995	27437	3	894	39329

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	1252
Bhutan	12				12
India	9639	21547			31186
Maldives	24				24
Nepal	74	187	3		264
Pakistan	1155	6157		1370	8682
Sri Lanka	463	1004			1467
Total SAARC Region	11773	29855	3	1542	43173

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			324
Bangladesh	338	813		307	1458
Bhutan	13				13
India	10559	23531			34090
Maldives	29				29
Nepal	73	195	3		271
Pakistan	1478	7348		1748	10574
Sri Lanka	394	962			1356
Total SAARC Region	13098	32959	3	2055	48115

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	1821
Bhutan	14				14
India	11423	2869			14292
Maldives	28				28
Nepal	91	310	4		405
Pakistan	1560	6938		2141	10639
Sri Lanka	519	978			1497
Total SAARC Region	14577	12242	4	2725	29548

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			1159
Bangladesh	382	929		794	2105
Bhutan	16				16
India	13323	2970	250		16543
Maldives	29				29
Nepal	120	431	6		557
Pakistan	1967	6385		2402	10754
Sri Lanka	561	1275			1836
Total SAARC Region	17055	12492	256	3196	32999

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	1134	755			1889
Bangladesh	405	983		1006	2394
Bhutan	19				19
India	14753	2505	247		17505
Maldives	31				31
Nepal	138	460	7		605
Pakistan	2288	6091		2743	11122
Sri Lanka	641	1471			2112
Total SAARC Region	19409	12265	254	3749	35677

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	1653	808			2461
Bangladesh	432	1042		985	2459
Bhutan	21				21
India	15582	2581	247		18410
Maldives	33				33
Nepal	154	450	8		612
Pakistan	2816	6036		2888	11740
Sri Lanka	737	1487			2224
Total SAARC Region	21428	12404	255	3873	37960

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	4563	872	0	0	5435
Bangladesh	273	1133	0	996	2402
Bhutan	23	0	0	0	23
India	16264	2204	229	0	18698
Maldives	17	92	0	0	109
Nepal	230	602	8	0	841
Pakistan	3408	5809	0	2436	11654
Sri Lanka	776	1439	0	0	2215
Total SAARC Region	25554	12152	237	3433	41376

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	4749	872	0	0	5621
Bangladesh	287	1037	0	1000	2323
Bhutan	23	0	0	0	23
India	17694	46420	208	1639	65962
Maldives	20	90	0	0	110
Nepal	262	645	9	0	916
Pakistan	3617	6065	0	2313	11995
Sri Lanka	813	0	0	0	813
Total SAARC Region	27465	55129	217	4952	87763

ENERGY CONSUMPTION IN Rail TRANSPORT SECTOR in SAARC Region
(Thousand tonnes of oil equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan											
Bangladesh	142	143	171	164	182	196	207	219	234	268	245
Bhutan											
India	2417	2425	2711	2766	1290	3236	3363	3575	3661	3736	3938
Maldives											
Nepal	1	1	1	1	1						
Pakistan	141	290	267	161	158	7	135	103	71	233	243
Sri Lanka	28	26	25	26	26	28	31	26	26	26	0
Total SAARC Region	2729	2885	3175	3118	1657	3467	3736	3923	3992	4263	4426

Energy Consumption in Rail Transport in SAARC Region for 2003
(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	142		142
Bhutan			0
India	1639	778	2417
Maldives			0
Nepal		1	1
Pakistan	141	1	142
Sri Lanka	28		28
Total SAARC Region	1950	780	2730

Energy Consumption in Rail Transport in SAARC Region for 2004
(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	143		143
Bhutan			0
India	1623	802	2425
Maldives			0
Nepal		1	1
Pakistan	289	1	290
Sri Lanka	26		26
Total SAARC Region	2081	804	2885

Energy Consumption in Rail Transport in SAARC Region for 2005
(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	171		171
Bhutan			0
India	1871	840	2711
Maldives			0
Nepal		1	1
Pakistan	266	1	267
Sri Lanka	25		25
Total SAARC Region	2333	842	3175

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

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	164		164
Bhutan			0
India	1854	912	2766
Maldives			0
Nepal		1	1
Pakistan	160	1	161
Sri Lanka	26		26
Total SAARC Region	2204	914	3118

Energy Consumption in Rail Transport in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	182		182
Bhutan			0
India	352	938	1290
Maldives			0
Nepal		1	1
Pakistan	157	1	158
Sri Lanka	26		26
Total SAARC Region	717	940	1657

Energy Consumption in Rail Transport in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	196		196
Bhutan			0
India	2211	1025	3236
Maldives			0
Nepal			0
Pakistan	6		6
Sri Lanka	28		28
Total SAARC Region	2441	1025	3466

Energy Consumption in Rail Transport in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	207		207
Bhutan			0
India	2315	1048	3363
Maldives			0
Nepal			0
Pakistan	135		135
Sri Lanka	31		31
Total SAARC Region	2688	1048	3736

Energy Consumption in Rail Transport in SAARC Region for 2010
(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	219		219
Bhutan			0
India	2392	1183	3575
Maldives			0
Nepal			0
Pakistan	103		103
Sri Lanka	26		26
Total SAARC Region	2740	1183	3923

Energy Consumption in Rail Transport in SAARC Region for 2011
(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan			0
Bangladesh	234		234
Bhutan			0
India	2451	1210	3661
Maldives			0
Nepal			0
Pakistan	71		71
Sri Lanka	26		26
Total SAARC Region	2782	1210	3992

Energy Consumption in Rail Transport in SAARC Region for 2012

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	0	0	0
Bangladesh	268	0	268
Bhutan	0	0	0
India	2535	1202	3736
Maldives	0	0	0
Nepal	0	1	1
Pakistan	233	0	233
Sri Lanka	26	0	26
Total SAARC Region	3061	1203	4263

Energy Consumption in Rail Transport in SAARC Region for 2013

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Country Total
Afghanistan	0	0	0
Bangladesh	245	0	245
Bhutan	0	0	0
India	2631	1307	3938
Maldives	0	0	0
Nepal	0	1	1
Pakistan	243	0	243
Sri Lanka	0	0	0
Total SAARC Region	3119	1307	4426

ENERGY CONSUMPTION IN OTHER MODES OF TRANSPORTATION in SAARC Region
(Thousand Tonnes of oil equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	41	63	56	58	58	64	96	33	62	0	0
Bangladesh	195	196	222	247	247	265	280	298	318	4	4
Bhutan	25	25	42	46	46	49	54	73	88	0	0
India	524	479	888	429	429	3191	2217	1957	1540	811	37
Maldives	143	179	202	201	201	218	230	243	244	0	0
Nepal										0	0
Pakistan	659	730	726	584	584	469	497	535	491	0	0
Sri Lanka	141	172	222	402	402	220	155	203	38	1	1622
Total SAARC Region	1728	1844	2358	1967	1967	4476	3529	3342	2781	816	1663

Energy Consumption in other Modes of Transportation in SAARC Region for 2003

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	41			41
Bangladesh		195		195
Bhutan	1	24		25
India		524		524
Maldives	13	130		143
Nepal				
Pakistan	659			659
Sri Lanka	140	1		141
Total SAARC Region	854	874	0	1728

Energy Consumption in other Modes of Transportation in SAARC Region for 2004

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	63			63
Bangladesh		196		196
Bhutan	1	24		25
India		479		479
Maldives	16	163		179
Nepal				
Pakistan	730			730
Sri Lanka	172			172
Total SAARC Region	982	862	0	1844

Energy Consumption in other Modes of Transportation in SAARC Region for 2005

(Thousand Tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Country Total
Afghanistan	56			56
Bangladesh		235		235
Bhutan	1	25		26
India		731		731
Maldives	13	140		153
Nepal				
Pakistan	729			729
Sri Lanka	173	20		193
Total SAARC Region	972	1151	0	2123

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	1370	0	2358

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	1021	946	0	1967

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		2491	700	3191
Maldives	24	194		218
Nepal				
Pakistan	469			469
Sri Lanka	196	24		220
Total SAARC Region	753	3023	700	4476

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		1642	575	2217
Maldives	26	204		230
Nepal				
Pakistan	497			497
Sri Lanka	144	10	1	155
Total SAARC Region	763	2190	576	3529

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		1306	650	1956
Maldives	21	221		242
Nepal				
Pakistan	535			535
Sri Lanka	176	27		203
Total SAARC Region	765	1925	650	3340

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	1540
Maldives	21	223		244
Nepal				
Pakistan	491			491
Sri Lanka	7	31		38
Total SAARC Region	581	1557	643	2781

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		1621	1	1622
Total SAARC Region		1662	1	1663

ENERGY CONSUMPTION IN HOUSEHOLD SECTOR in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	370	382	395	251	304	320	399	454	420	399	377
Bangladesh	15774	16087	16868	16118	16218	16441	16698	17093	17369	14267	14347
Bhutan	974	989	981	997	1024	1053	1067	1097	1106	1052	1064
India	145679	148592	150892	153417	156427	157096	159474	167102	169164	170845	177119
Maldives	16	20	15	19	19	30	32	29	31	25	34
Nepal	3724	3701	3728	3653	3635	3611	3633	3627	3614	6444	7321
Pakistan	15258	16076	16447	17068	18107	18290	18614	19061	19784	20570	20336
Sri Lanka	1022	943	930	2371	2268	3107	3195	3302	3268	2975	2868
Total SAARC Region	182817	186790	190256	193894	198002	199948	203112	211765	214756	216578	223465

Energy Consumption in Household Sector in SAARC Region for 2003
(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						11	358	369
Bangladesh			687	21	1085	613	13367	15773
Bhutan			12	4		16	942	974
India	207	311	9180	9516	85	7579	118800	145678
Maldives			5			8	3	16
Nepal	1		247	35		57	3384	3724
Pakistan	1		287	300	3567	1995	9109	15259
Sri Lanka			202	121		171	528	1022
Total SAARC Region	209	311	10620	9997	4737	10450	146491	182815

Energy Consumption in Household Sector in SAARC Region for 2004

(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			2			11	369	382
Bangladesh			698	17	1192	693	13486	16086
Bhutan			13	4		16	956	989
India	184	210	9522	10143	314	8080	120139	148592
Maldives			8			9	3	20
Nepal	1		190	44		65	3402	3702
Pakistan			196	334	3956	2331	9259	16076
Sri Lanka			199	123		186	435	943
Total SAARC Region	185	210	10828	10665	5462	11391	148049	186790

Energy Consumption in Household Sector in SAARC Region for 2005

(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			2			13	380	395
Bangladesh			714	13	1764	755	13622	16868
Bhutan			13	4		18	946	981
India	166	274	9393	10493	619	8454	121492	150891
Maldives			1			11	3	15
Nepal	1		185	48		69	3424	3727
Pakistan			131	411	3933	2595	9377	16447
Sri Lanka			206	121		206	397	930
Total SAARC Region	167	274	10645	11090	6316	12121	149641	190254

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	1462	787	13344	16119
Bhutan			12	5		10	970	997
India	148	213	9328	11142	442	9376	122768	153417
Maldives			4			12	3	19
Nepal	1		133	59		78	3383	3654
Pakistan	1		108	433	4502	2816	9209	17069
Sri Lanka			209	123		221	1818	2371
Total SAARC Region	150	213	10340	11771	6406	13325	151692	193897

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	1618	795	13330	16218
Bhutan			8	6		11	999	1024
India	238	231	9287	11939	36	10213	124482	156426
Maldives			1			14	3	18
Nepal	1		104	59		81	3390	3635
Pakistan	1		123	397	4951	2847	9789	18108
Sri Lanka			153	123		234	1758	2268
Total SAARC Region	240	231	10151	12537	6605	14220	154017	198001

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	1766	765	13392	16441
Bhutan			4	6		12	1031	1053
India	215	236	9383	11805	93	11161	124203	157096
Maldives			1	11		15	3	30
Nepal	1		55	72		80	3403	3611
Pakistan	1		100	361	5196	2727	9906	18291
Sri Lanka			133	138		274	2564	3109
Total SAARC Region	217	236	10173	12437	7055	15059	154774	199951

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	1888	831	13456	16698
Bhutan			4	7		12	1043	1066
India	371	248	9353	12611	225	10649	126016	159473
Maldives			1	13		15	3	32
Nepal	1		36	88		97	3411	3633
Pakistan			93	351	5324	2895	9952	18615
Sri Lanka			135	148		285	2628	3196
Total SAARC Region	372	248	10197	13262	7437	14809	156787	203112

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	2116	922	13527	17093
Bhutan			5	8		13	1072	1098
India	552	279	8963	13727	1450	14302	127828	167101
Maldives				13		13	3	29
Nepal			34	99		103	3391	3627
Pakistan			88	287	5636	3031	10020	19062
Sri Lanka			144	178		308	2672	3302
Total SAARC Region	552	279	9769	14356	9202	18809	158798	211765

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	2236	1010	13588	17368
Bhutan			5	8		14	1080	1107
India		362	8267	14781	1751	14362	129641	169164
Maldives				14		14	3	31
Nepal	1		29	112		107	3365	3614
Pakistan			82	257	6356	3006	10083	19784
Sri Lanka			146	192		332	2599	3269
Total SAARC Region	1	362	9056	15408	10343	18942	160645	214757

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	2285	1124	10474	14267
Bhutan			4	8		15	1024	1052
India		309	7461	14522	1830	14470	132254	170845
Maldives				11		12	2	25
Nepal	3		19	124		125	6173	6444
Pakistan			98	211	7096	3055	10110	20570
Sri Lanka			126			344	2505	2975
Total SAARC Region	3	309	8097	14898	11211	19308	162754	216578

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	2300	1207	10501	14347
Bhutan			4	7		16	1036	1064
India	4253	374	7461	15425	3513	17532	128560	177119
Maldives			7	13		12	2	34
Nepal	3		14	139		127	7038	7321
Pakistan			101	247	6737	3106	10146	20336
Sri Lanka			114			339	2415	2868
Total SAARC Region	4256	374	8043	15853	12550	22479	159910	223465

ENERGY CONSUMPTION IN AGRICULTURE SECTOR in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	1	1	3	5	8	8	8	8	8	8	8
Bangladesh	629	690	841	598	735	732	711	682	648	1198	1106
Bhutan										0	0
India	10002	10260	7765	16423	17934	10753	11544	11947	12145	12708	23212
Maldives										0	8
Nepal	60	67	67	66	55	81	105	112	116	116	790
Pakistan	757	731	753	788	824	813	877	799	745	683	33
Sri Lanka	8	10	9	8	7	5	8	10	3	2	5
Total SAARC Region	11457	11759	9438	17888	19563	12392	13253	13558	13665	14716	25162

Energy Consumption in Agriculture Sector in SAARC Region 2003

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan			1	1
Bangladesh	573	18	38	629
Bhutan				
India	2518	128	7356	10002
Maldives				
Nepal	57		3	60
Pakistan	193		563	756
Sri Lanka	8			8
Total SAARC Region	3349	146	7961	11456

Energy Consumption in Agriculture Sector in SAARC Region 2004

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan			1	1
Bangladesh	578	70	42	690
Bhutan				
India	2650	130	7480	10260
Maldives				
Nepal	63		4	67
Pakistan	141		590	731
Sri Lanka	10			10
Total SAARC Region	3442	200	8117	11759

Energy Consumption in Agriculture Sector in SAARC Region 2005

(Thousand Tonnes of Oil Equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Country Total
Afghanistan			3	3
Bangladesh	694	103	44	841
Bhutan				
India		138	7626	7764
Maldives				
Nepal	62		5	67
Pakistan	82		671	753
Sri Lanka	9			9
Total SAARC Region	847	241	8349	9437

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	7904	156	8364	16424
Maldives				
Nepal	62		4	66
Pakistan	97		691	788
Sri Lanka	8			8
Total SAARC Region	8601	175	9112	17888

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	8987	146	8800	17933
Maldives				
Nepal	51		4	55
Pakistan	109		716	825
Sri Lanka	7			7
Total SAARC Region	9821	165	9577	19563

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	9616	10753
Maldives				
Nepal	77		4	81
Pakistan	70		743	813
Sri Lanka	5			5
Total SAARC Region	1784	159	10449	12392

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	1238	153	10153	11544
Maldives				
Nepal	100		5	105
Pakistan	59		818	877
Sri Lanka	8			8
Total SAARC Region	2006	170	11077	13253

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	11146	11946
Maldives				
Nepal	107		5	112
Pakistan	41		758	799
Sri Lanka	10			10
Total SAARC Region	1346	199	12012	13557

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	11289	12145
Maldives				
Nepal	111		5	116
Pakistan	23		722	745
Sri Lanka	3			3
Total SAARC Region	1359	186	12120	13665

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	1072	20	107	1198
Bhutan				
India	616	167	11925	12708
Maldives				
Nepal	110		6	116
Pakistan	32		651	683
Sri Lanka	2			2
Total SAARC Region	1832	187	12698	14716

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	1106
Bhutan				
India	9465	183	13564	23212
Maldives			8	8
Nepal	110		680	790
Pakistan	33			33
Sri Lanka	5			5
Total SAARC Region	10594	203	14365	25162

ENERGY CONSUMPTION BY OTHER CONSUMERS in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Afghanistan	10	10	24	49	68	68	76	35	38		41
Bangladesh	445	468	537	522	537	560	613	685	693	1541	722
Bhutan	4	4	4	17	20	21	25	10	12	2	13
India	16665	16496	21409	23292	31561	68814	79012	81689	78249	71537	29759
Maldives	3	3	4	5	6	6	8	7	7		11
Nepal	164	160	168	153	156	162	175	187	198	151	212
Pakistan	1400	1536	1799	1982	2091	2135	2213	2275	2289	381	1947
Sri Lanka	235	270	312	307	336	200	223	243	268	2	250
Total SAARC Region	18926	18947	24257	26327	34775	71966	82345	85131	81754	73614	32956

Energy Consumption by Other Consumers in SAARC Region for 2003

(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						10		10
Bangladesh					110	138	197	445
Bhutan							4	4
India	548	1069	3166			4251	7631	16665
Maldives						3		3
Nepal		42		31		21	71	165
Pakistan		37	89	76	556	642		1400
Sri Lanka			13	51		171		235
Total SAARC Region	548	1148	3268	158	666	5236	7903	18927

Energy Consumption by Other Consumers in SAARC Region for 2004

(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						10		10
Bangladesh					117	152	199	468
Bhutan							4	4
India	487	943	3079	408		4632	6948	16497
Maldives						3		3
Nepal		32		37		23	67	159
Pakistan		19	95	110	625	687		1536
Sri Lanka			31	53		185		269
Total SAARC Region	487	994	3205	608	742	5692	7218	18946

Energy Consumption by Other Consumers in SAARC Region for 2005

(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						24		24
Bangladesh					173	162	202	537
Bhutan							4	4
India	446	107	8044	680		5068	7064	21409
Maldives						4		4
Nepal		31		44		25	68	168
Pakistan		52	97	207	673	770		1799
Sri Lanka			54	59		200		313
Total SAARC Region	446	190	8195	990	846	6253	7338	24258

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	10195	71		5375	7063	23293
Maldives						5		5
Nepal		17		38		28	70	153
Pakistan		50	99	217	761	855		1982
Sri Lanka			28	59		220		307
Total SAARC Region	428	228	10322	385	895	6722	7348	26328

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	19
India	289	17	17255	338		6448	7212	31559
Maldives						6		6
Nepal		14		41		31	70	156
Pakistan		48	119	215	823	886		2091
Sri Lanka		1	30	62		243		336
Total SAARC Region	289	80	17404	656	968	7876	7499	34772

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	5619	47746			7047	8135	68814
Maldives						6		6
Nepal		7		52		29	73	161
Pakistan		59	148	224	862	841		2134
Sri Lanka		1	16			183		200
Total SAARC Region	267	5686	47910	276	1031	8363	8432	71965

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	7380	54167	968		8209	8226	79012
Maldives						8		8
Nepal		5		63		33	74	175
Pakistan		60	124	240	897	892		2213
Sri Lanka		2	31			189		222
Total SAARC Region	62	7447	54322	1271	1088	9627	8527	82344

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	684
Bhutan						8	2	10
India	684	7311	55292	1093		8996	8313	81689
Maldives						7		7
Nepal		5		71			75	151
Pakistan		77	152	229	885			1343
Sri Lanka		5	34			203		242
Total SAARC Region	684	7398	55478	1393	1093	9501	8614	84161

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	59267	1160		9132	8392	78249
Maldives						7		7
Nepal		4		81		38	76	199
Pakistan		70	108	235	962	914		2289
Sri Lanka		5	37			227		269
Total SAARC Region	0	377	59412	1476	1179	10614	8696	81754

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	Derived Biomass Energy	Country Total
Afghanistan									0
Bangladesh					1318			223	1541
Bhutan							2		2
India		117	62881	1250			5353	1936	71537
Maldives							0		0
Nepal	3	3		89			1	55	151
Pakistan		25	126	230					381
Sri Lanka		2							2
Total SAARC Region	3	147	63007	1569	1318	0	5356	2214	73614

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	Derived Biomass Energy	Country Total
Afghanistan						41			41
Bangladesh					226	272		225	722
Bhutan						11	2		13
India	6669	117	1366	570	848	12708	5370	2111	29759
Maldives						11			11
Nepal		3		100	3	50		56	212
Pakistan			5	85	941	917			1947
Sri Lanka						250			250
Total SAARC Region	6669	120	1371	755	2018	14259	5372	2392	32956

ENERGY CONSUMPTION FOR THERMAL POWER GENERATION in SAARC Region
(Thousand Tonnes of Oil Equivalent)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Solid Fuels	164988	179497	185701	194480	211752	214704	228130	207037	241528	241528	241528
Liquid Fuels	12517	13229	9560	9338	10172	14925	15632	10836	10097	10097	10097
Natural Gas	27367	26809	25790	26870	27088	27188	35911	38610	34411	34411	34411
OTHERS	1055	1067	1080	1103	1104	6766	8577	10139	12454	12454	12454
TOTAL	205927	220602	222131	231791	250116	263583	288250	266622	298490	298490	298490

Energy Consumed for Thermal Power Generation in SAARC Region for 2003

(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	41	37	6		84
Bangladesh		454	4616		5070
Bhutan					0
India	164837	8506	13450	1055	187848
Maldives		35			35
Nepal		1			1
Pakistan	109	2693	9296		12098
Sri Lanka		791			791
Total SAARC Region	164987	12517	27368	1055	205927

Energy Consumed for Thermal Power Generation in SAARC Region for 2004
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	41	50	3		94
Bangladesh		464	5606		6070
Bhutan		1			1
India	179355	8312	11077	1067	199811
Maldives		40			40
Nepal		4			4
Pakistan	100	3361	10123		13584
Sri Lanka		998			998
Total SAARC Region	179496	13230	26809	1067	220602

Energy Consumed for Thermal Power Generation in SAARC Region for 2005
(Thousand Tonnes of Oil Equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	BioMass Energy	Country Total
Afghanistan	41	50	2		93
Bangladesh		527	5111		5638
Bhutan					0
India	185578	3841	10875	1080	201374
Maldives		47			47
Nepal		3			3
Pakistan	81	4108	9802		13991
Sri Lanka		984			984
Total SAARC Region	185700	9560	25790	1080	222130

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					0
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					0
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	8981		9854
Bhutan					0
India	227804	5307	19560	8560	261231
Maldives		76			76
Nepal		4			4
Pakistan	74	8370	7370		15814
Sri Lanka		1212		17	1229
Total SAARC Region	228130	15632	35911	8577	288250

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	10285		11207
Bhutan					0
India	206725	1385	21591	10115	239816
Maldives		65			65
Nepal		1			1
Pakistan	56	7721	6734		14511
Sri Lanka		956		24	980
Total SAARC Region	207037	10836	38610	10139	266622

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	10115		11054
Bhutan					0
India	240986	978	17314	12431	271709
Maldives		70			70
Nepal		1			1
Pakistan	62	7211	6982		14255
Sri Lanka	244	1080		23	1347
Total SAARC Region	241528	10098	34411	12454	298491

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	10115		11054
Bhutan					0
India	240986	978	17314	12431	271709
Maldives		70			70
Nepal		1			1
Pakistan	62	7211	6982		14255
Sri Lanka	244	1080		23	1347
Total SAARC Region	241528	10098	34411	12454	298491

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	10115		11054
Bhutan					0
India	240986	978	17314	12431	271709
Maldives		70			70
Nepal		1			1
Pakistan	62	7211	6982		14255
Sri Lanka	244	1080		23	1347
Total SAARC Region	241528	10098	34411	12454	298491

Part IV:

Energy Resources and Reserves

Solid Fuels Resources and Reserves in SAARC Region in 2004

(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	1054						138		138
Bhutan									
India	196892	74733	86088	26000	2000	3932			
Maldives									
Nepal									
Pakistan				145	2928	1			
Sri Lanka							5	5	46
Total SAARC Region	198058	74799	86488	26145	4928	3933	143	5	184

Solid 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	1054						138		138
Bhutan									
India	95866	52240	157435	4258	4258	32893			
Maldives				1	1	7			
Nepal				3303	1981	68068			
Pakistan	1	1	5						
Sri Lanka							5	5	46
Total SAARC Region	97033	52307	157840	7562	6240	100968	143	5	184

Soild Fuels Resources and Reserves in SAARC Region in 2009

(Million Tonnes)

	Bituminous/Anthracite			Sub-Bitumious /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	1054	293					138		138
Bhutan									
India	105820	56100	157435	4258	4500	32893			
Maldives				1	1	7			
Nepal				3451	2070	68068			
Pakistan	1	1	5						
Sri Lanka							5	5	46
Total SAARC Region	106987	56460	157840	7710	6571	100968	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	1054	293					138		138
Bhutan									
India	105820	56100	157435	4500	4500	32893			
Maldives				1	1	7			
Nepal				3451	2070	68068			
Pakistan	1	1	5						
Sri Lanka							5	5	46
Total SAARC Region	106987	56460	157840	7952	6571	100968	143	5	184

Soild Fuels Resources and Reserves in SAARC Region in 2011

(Million Tonnes)

	Bituminous/Anthracite			Sub-Bitumious /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	1054	293					138		138
Bhutan									
India	105820	56100	157435	4500	4500	32893			
Maldives				1	1	7			
Nepal				3451	2070	68068			
Pakistan	1	1	5						
Sri Lanka							5	5	46
Total SAARC Region	106987	56460	157840	7952	6571	100968	143	5	184

Soild Fuels Resources and Reserves in SAARC Region in 2012

(Million Tonnes)

	Bituminous/Anthracite			Sub-Bitumious /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	1054	293					138		138
Bhutan									
India	105820	56100	157435	4500	4500	32893			
Maldives				1	1	7			
Nepal				3451	2070	68068			
Pakistan	1	1	5						
Sri Lanka							5	5	46
Total SAARC Region	106987	56460	157840	7952	6571	100968	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	1054	293					138		138
Bhutan									
India	105820	56100	157435	4500	4500	32893			
Maldives				1	1	7			
Nepal				3451	2070	68068			
Pakistan	1	1	5						
Sri Lanka							5	5	46
Total SAARC Region	106987	56460	157840	7952	6571	100968	143	5	184

OIL AND GAS RESERVES IN SAARC REGION IN 2004

	Proved Recoverable Reserves	
	NATURAL GAS (BILLION CUBIC METERS)	CRUDE OIL AND NGL (MILLION TONNES)
Afghanistan	100	
Bangladesh	288	8
India	688	740
Pakistan	595	39
Total SAARC Region	1671	787

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	436	3
India	1104	786
Pakistan	807	40
Total SAARC Region	2397	829

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	1074	740
Nepal		
Pakistan	840	42
Total SAARC Region	2308	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	1074	740
Nepal		
Pakistan	840	42
Total SAARC Region	2308	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	1074	740
Nepal		
Pakistan	840	42
Total SAARC Region	2308	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	1074	740
Nepal		
Pakistan	840	42
Total SAARC Region	2308	785

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	1074	740
Nepal		
Pakistan	840	42
Total SAARC Region	2308	785

Uranium and HydroPower Resources in SAARC Region in 2004

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year
	Reasonably Assured Resources	Inferred Resources	
Afghanistan			
Bangladesh			1000
Bhutan			
India	40980	18935	2638000
Maldives			
Nepal			727000
Pakistan			262000
Sri Lanka			7000
Total SAARC Region	40980	18935	3635000

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			4000
Bhutan			263000
India	42600	22300	2638000
Maldives			
Nepal			733000
Pakistan			480000
Sri Lanka			18000
Total SAARC Region	42600	22300	4136000

Uranium and HydroPower Resources in SAARC Region in 2009

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year
	Reasonably Assured Resources	Inferred Resources	
Afghanistan			394000
Bangladesh			4000
Bhutan			263000
India	55200	24900	2638000
Maldives			
Nepal			733000
Pakistan			475000
Sri Lanka			21000
Total SAARC Region	55200	24900	4528000

Uranium and HydroPower Resources in SAARC Region in 2010

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year
	Reasonably Assured Resources	Inferred Resources	
Afghanistan			394000
Bangladesh			4000
Bhutan			263000
India	55200	24900	2638000
Maldives			
Nepal			733000
Pakistan			475000
Sri Lanka			21000
Total SAARC Region	55200	24900	4528000

Uranium and Hydro Power Resources in SAARC Region in 2011

	Uranium(Tonnes)		Hydro Power(Gross Theoretical Capability as GWh/Year
	Reasonably Assured Resources	Inferred Resources	
Afghanistan			394000
Bangladesh			4000
Bhutan			263000
India	55200	24900	2638000
Maldives			
Nepal			733000
Pakistan			475000
Sri Lanka			21000
Total SAARC Region	55200	24900	4528000

Uranium and Hydro Power Resources in SAARC Region in 2012

	Uranium(Tonnes)		Hydro Power(Gross Theoretical Capability as GWh/Year
	Reasonably Assured Resources	Inferred Resources	
Afghanistan			394000
Bangladesh			4000
Bhutan			263000
India	55200	24900	2638000
Maldives			
Nepal			733000
Pakistan			475000
Sri Lanka			21000
Total SAARC Region	55200	24900	4528000

Uranium and HydroPower Resources in SAARC Region in 2013

	Uranium(Tonnes)		HydroPower(Gross Theoretical Capability as GWh/Year
	Reasonably Assured Resources	Inferred Resources	
Afghanistan			394000
Bangladesh			4000
Bhutan			263000
India	55200	24900	2638000
Maldives			
Nepal			733000
Pakistan			475000
Sri Lanka			21000
Total SAARC Region	55200	24900	4528000

PART V:

ELECTRICITY

Electricity Net Installed Generating Capacities for 2003

(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	0	0	62	55	7			427	60	367		
Bangladesh	4058	3828	230	0	0	1258	1258				2800	2570	230		
Bhutan	438	9	429	0	0	0					438	9	429		
India	131384	96495	29569	2720	2600	18740	18526	62		152	112644	77969	29507	2720	2448
Maldives	49	49	0	0	0	0					49	49			
Nepal	606	55	551	0	0	148		148			458	55	403		
Pakistan	17798	12290	5046	462	0	5	5				17793	12285	5046	462	
Sri Lanka	2710	1460	1247	0	3	227	227				2483	1233	1247		3
Total SAARC Region	157532	114301	37446	3182	2603	20440	20071	217	0	152	137092	94230	37229	3182	2451

Electricity Net Installed Generating Capacities for 2004

(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	0	0	62	55	7			427	60	367		
Bangladesh	4263	4033	230	0	0	1258	1258				3005	2775	230		
Bhutan	438	9	429	0	0	0					438	9	429		
India	137528	99799	31001	2770	3958	19102	18896	59		147	118426	80903	30942	2770	3811
Maldives	49	49	0	0	0	0					49	49			
Nepal	610	57	553	0	0	149		149			461	57	404		
Pakistan	19399	12438	6499	462	0	15	15				19384	12423	6499	462	
Sri Lanka	2726	1442	1281	0	3	227	227				2499	1215	1281		3
Total SAARC Region	165502	117942	40367	3232	3961	20813	20451	215	0	147	144689	97491	40152	3232	3814

Electricity Net Installed Generating Capacities for 2005

(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	0	0	62	55	7			427	60	367		
Bangladesh	4263	4033	230	0	0	1258	1258				3005	2775	230		
Bhutan	478	9	469	0	0	0					478	9	469		
India	145695	110009	32326	3360	0	21408	21408				124287	88601	32326	3360	
Maldives	49	49	0	0	0	0					49	49			
Nepal	611	57	554	0	0	150		150			461	57	404		
Pakistan	19480	12519	6499	462	0	30	30				19450	12489	6499	462	
Sri Lanka	2638	1342	1293	0	3	227	227				2411	1115	1293		3
Total SAARC Region	173703	128133	41745	3822	3	23135	22978	157	0	0	150568	105155	41588	3822	3

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	0	0	62	55	7			427	60	367		
Bangladesh	5245	5015	230	0	0	1258	1258				3987	3757	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	154725	116050	34775	3900	0	22336	22275	61			132389	93775	34714	3900	
Maldives	58	58	0	0	0	0					58	58			
Nepal	617	57	560	0	0	151		151			466	57	409		
Pakistan	19419	12478	6479	462	0	5822	5822				13597	6656	6479	462	
Sri Lanka	2434	1115	1316	0	3	0					2434	1115	1316		3
Total SAARC Region	184492	134905	45222	4362	3	29629	29410	219	0	0	154863	105495	45003	4362	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	0	0	182	55	127			307	60	247		
Bangladesh	5245	5015	230	0	0	1258	1258				3987	3757	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	168048	127958	35970	4120	0	24987	24926	61			143061	103032	35909	4120	
Maldives	61	61	0	0	0	0					61	61			
Nepal	622	57	565	0	0	152		152			470	57	413		
Pakistan	19420	12478	6480	462	0	5822	5822				13598	6656	6480	462	
Sri Lanka	2444	1115	1326	0	3	0					2444	1115	1326		3
Total SAARC Region	197834	146816	46433	4582	3	32401	32061	340	0	0	165433	114755	46093	4582	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	0	0	182	55	127			307	60	247		
Bangladesh	5453	5223	230	0	0	1258	1258				4195	3965	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	174947	133888	36939	4120	0	26981	26920	61			147966	106968	36878	4120	
Maldives	75	75	0	0	0	0					75	75			
Nepal	625	57	568	0	0	153		153			472	57	415		
Pakistan	19785	12842	6481	462	0	5987	5987				13798	6855	6481	462	
Sri Lanka	2641	1297	1341	0	3	0					2641	1297	1341		3
Total SAARC Region	205520	153514	47421	4582	3	34561	34220	341	0	0	170959	119294	47080	4582	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	0	0	182	55	127			307	60	247		
Bangladesh	5719	5489	230	0	0	1907	1907				3812	3582	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	187872	146388	36924	4560	0	28474	28413	61			159398	117975	36863	4560	
Maldives	75	75	0	0	0	0					75	75			
Nepal	630	57	573	0	0	155		155			475	57	418		
Pakistan	20921	13978	6481	462	0	7123	7123				13798	6855	6481	462	
Sri Lanka	2698	1317	1378	0	3	0					2698	1317	1378		3
Total SAARC Region	219909	167436	47448	5022	3	37841	37498	343	0	0	182068	129938	47105	5022	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	0	0	182	55	127			307	60	247		
Bangladesh	5827	5597	230	0	0	1911	1911				3916	3686	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	206526	164118	37628	4780	0	32900	32839	61			173626	131279	37567	4780	
Maldives	77	77	0	0	0	0					77	77			
Nepal	630	57	573	0	0	155		155			475	57	418		
Pakistan	22477	15209	6481	787	0	8363	8363				14114	6846	6481	787	
Sri Lanka	2818	1402	1383	0	33	0					2818	1402	1383		33
Total SAARC Region	240349	186592	48157	5567	33	43511	43168	343	0	0	196838	143424	47814	5567	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	0	0	182	55	127			249	60	189		
Bangladesh	6639	6409	230	0	0	1911	1911				4728	4498	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	236387	192556	39051	4780	0	36510	36449	61			199877	156107	38990	4780	
Maldives	78	78	0	0	0	0					78	78			
Nepal	762	53	709	0	0	155		155			607	53	554		
Pakistan	22797	15454	6556	787	0	8353	8353				14444	7101	6556	787	
Sri Lanka	3140	1702	1401	0	37	0					3140	1702	1401		37
Total SAARC Region	271739	216384	49751	5567	37	47111	46768	343	0	0	224628	169616	49408	5567	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	0	0	244	55	189			187	60	127		
Bangladesh	8100	7870	230	0	0	2375	2375				5725	5495	230		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	259854	215522	39552	4780	0	36510	36449	61			223344	179073	39491	4780	
Maldives	81	81	0	0	0	0					81	81			
Nepal	762	53	709	0	0	155		155			607	53	554		
Pakistan	23914	16488	6541	885	0	9361	9361				14553	7127	6541	885	
Sri Lanka	3377	1716	1585	0	76	10	10				3367	1706	1585		76
Total SAARC Region	298024	241862	50421	5665	76	48655	48250	405	0	0	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	0	0	182	55	127			249	60	189		
Bangladesh	8537	8222	315	0	0	2222	2222				6315	6000	315		
Bhutan	1505	17	1488	0	0	0					1505	17	1488		
India	271290	226449	40061	4780	0	36510	36449	61			234780	190000	40000	4780	
Maldives	81	81	0	0	0	0					81	81			
Nepal	771	53	718	0	0	155		155			616	53	563		
Pakistan	23914	16488	6541	885	0	9361	9361				14553	7127	6541	885	
Sri Lanka	3218	1601	1617	0	0	10	10				3208	1591	1617		
Total SAARC Region	309747	253026	51056	5665	0	48440	48097	343	0	0	261307	204929	50713	5665	0

ELECTRICITY NET INSTALLED GENERATING CAPACITIES BY TYPE
(MEGAWATTS)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
THERMAL	114301	117942	128133	134905	146816	153514	167436	186592	216384	241862	253026
HYDRO	37446	40367	41745	45222	46433	47421	47448	48157	49751	50421	51056
GEO-THERMAL	2603	3961	3	3	3	3	3	33	37	76	
NUCLEAR	3182	3232	3822	4362	4582	4582	5022	5567	5567	5655	5665
TOTAL	157532	165502	173703	184492	197834	205520	219909	240349	271739	298024	309747

Production of electricity by type FOR 2003

(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	976	329	647	0	0	150	135	15			826	194	632		
Bangladesh	19170	18044	1126	0	0	6298	6298				12872	11746	1126		
Bhutan	2200	1	2199	0	0	0					2200	1	2199		
India	633177	536565	75242	17780	3590	68075	67887			188	565102	468678	75242	17780	3402
Maldives	141	141	0	0	0	0					141	141			
Nepal	2267	4	2263	0	0	13		13			2254	4	2250		
Pakistan	80830	52126	26944	1760	0	4	4				80826	52122	26944	1760	
Sri Lanka	7711	4398	3310	0	3	100	100				7611	4298	3310		3
Total SAARC Region	746472	611608	111731	19540	3593	74640	74424	28	0	188	671832	537184	111703	19540	3405

Production of electricity by type FOR 2004
(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	929	350	579	0	0	150	135	15			779	215	564		
Bangladesh	20820	19594	1226	0	0	7478	7478				13342	12116	1226		
Bhutan	2529	2	2527	0	0	0					2529	2	2527		
India	665760	559438	84610	17011	4701	71304	71109			195	594456	488329	84610	17011	4506
Maldives	160	160	0	0	0	0					160	160			
Nepal	2416	14	2402	0	0	14		14			2402	14	2388		
Pakistan	85698	57232	25671	2795	0	70	70				85628	57162	25671	2795	
Sri Lanka	8158	5195	2960	0	3	115	115				8043	5080	2960		3
Total SAARC Region	786470	641985	119975	19806	4704	79131	78907	29	0	195	707339	563078	119946	19806	4509

Production of electricity by type FOR 2005

(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	960	365	595	0	0	150	135	15			810	230	580		
Bangladesh	22006	20713	1293	0	0	7939	7939				14067	12774	1293		
Bhutan	2355	2	2353	0	0	0					2355	2	2353		
India	697234	578406	101494	17334	0	73404	73404				623830	505002	101494	17334	
Maldives	185	185	0	0	0	0					185	185			
Nepal	2622	10	2612	0	0	15		15			2607	10	2597		
Pakistan	93832	60486	30862	2484	0	203	203				93629	60283	30862	2484	
Sri Lanka	8769	5314	3453	0	2	120	120				8649	5194	3453		2
Total SAARC Region	827963	665481	142662	19818	2	81831	81801	30	0	0	746132	583680	142632	19818	2

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	0	0	232	67	165			681	200	481		
Bangladesh	29879	28490	1389	0	0	5545	5545				24334	22945	1389		
Bhutan	4521	2	4519	0	0	0					4521	2	4519		
India	752454	619932	113720	18802	0	81799	81581	218			670655	538351	113502	18802	
Maldives	212	212	0	0	0	0					212	212			
Nepal	2748	13	2735	0	0	25		25			2723	13	2710		
Pakistan	98213	63972	31953	2288	0	34206	34206				64007	29766	31953	2288	
Sri Lanka	9389	4751	4636	0	2	0					9389	4751	4636		2
Total SAARC Region	898329	717639	159598	21090	2	121807	121399	408	0	0	776522	596240	159190	21090	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	0	0	271	31	240			679	235	444		
Bangladesh	31286	29894	1392	0	0	6908	6908				24378	22986	1392		
Bhutan	6562	2	6560	0	0	0					6562	2	6560		
India	813102	675556	120589	16957	0	90476	90274	202			722626	585282	120387	16957	
Maldives	245	245	0	0	0	0					245	245			
Nepal	2792	9	2783	0	0	31		31			2761	9	2752		
Pakistan	95661	63877	28707	3077	0	35231	35231				60430	28646	28707	3077	
Sri Lanka	9814	5864	3948	0	2	0					9814	5864	3948		2
Total SAARC Region	960412	775713	164663	20034	2	132917	132444	473	0	0	827495	643269	164190	20034	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	0	0	229	47	182			559	200	359		
Bangladesh	34319	33369	950	0	0	8513	8513				25806	24856	950		
Bhutan	6961	0	6961	0	0	0					6961		6961		
India	842531	713481	114337	14713	0	95905	95649	256			746626	617832	114081	14713	
Maldives	280	280	0	0	0	0					280	280			
Nepal	2812	9	2803	0	0	38		38			2774	9	2765		
Pakistan	91616	62214	27784	1618	0	34431	34431				57185	27783	27784	1618	
Sri Lanka	10003	5855	4139	0	9	16		10		6	9987	5855	4129		3
Total SAARC Region	989310	815455	157515	16331	9	139132	138640	486	0	6	850178	676815	157029	16331	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	0	0	270	5	265			619	109	510		
Bangladesh	37225	36808	417	0	0	10049	10049				27176	26759	417		
Bhutan	6998	0	6998	0	0	0					6998		6998		
India	899389	773844	106909	18636	0	103108	102879	229			796281	670965	106680	18636	
Maldives	298	298	0	0	0	0					298	298			
Nepal	3115	13	3102	0	0	42		42			3073	13	3060		
Pakistan	95358	64371	28093	2894	0	36814	36814				58544	27557	28093	2894	
Sri Lanka	9988	6086	3891	0	11	17		10		7	9971	6086	3881		4
Total SAARC Region	1053260	881534	150185	21530	11	150300	149747	546	0	7	902960	731787	149639	21530	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	0	0	270	5	265			622	120	502		
Bangladesh	41710	40981	729	0	0	12607	12607				29103	28374	729		
Bhutan	7329	1	7328	0	0	0					7329	1	7328		
India	954539	813787	114486	26266	0	109693	109464	229			844846	704323	114257	26266	
Maldives	256	256	0	0	0	0					256	256			
Nepal	3207	3	3204	0	0	43		43			3164	3	3161		
Pakistan	94383	59152	31811	3420	0	37214	37214				57169	21938	31811	3420	
Sri Lanka	10800	5096	5644	0	60	17		10		7	10783	5096	5634		53
Total SAARC Region	1113116	919401	163969	29686	60	159844	159290	547	0	7	953272	760111	163422	29686	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	1005	176	829	0	0	286	5	281			719	171	548		
Bangladesh	44061	43189	872	0	0	12893	12893				31168	30296	872		
Bhutan	7067	0	7067	0	0	0					7067		7067		
India	973006	836978	103741	32287	0	128401	128172	229			844605	708806	103512	32287	
Maldives	274	274	0	0	0	0					274	274			
Nepal	3312	3	3309	0	0	44		44			3268	3	3265		
Pakistan	95090	61308	28517	5265	0	39674	39674				55416	21634	28517	5265	
Sri Lanka	11619	6934	4584	0	101	37	18	11		8	11582	6916	4573		93
Total SAARC Region	1135434	948862	148919	37552	101	181335	180762	565	0	8	954099	768100	148354	37552	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	1022	144	878	0	0	301	5	296			721	139	582		
Bangladesh	48562	47785	777	0	0	13208	13208				35354	34577	777		
Bhutan	6827	0	6827	0	0	0					6827		6827		
India	1035264	888538	113855	32871	0	128401	128172	229			906863	760366	113626	32871	
Maldives	594	297	297	0	0	0					594	297	297		
Nepal	3543	10	3533	0	0	84		84			3459	10	3449		
Pakistan	96126	61716	29857	4553	0	40174	40174				55952	21542	29857	4553	
Sri Lanka	11887	8439	3291	0	156	8				8	11879	8439	3291		149
Total SAARC Region	1203825	1006929	159315	37424	156	182176	181559	609	0	8	1021649	825370	158706	37424	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	1022	218	804	0	0	276	5	271			746	213	533		
Bangladesh	52894	52000	894	0	0	14277	14277				38617	37723	894		
Bhutan	7641	1	7640	0	0	0					7641	1	7640		
India	1156464	980599	141637	34228	0	188251	188122	129			968213	792477	141508	34228	
Maldives	303	303	0	0	0	0					303	303			
Nepal	3130	10	3120	0	0	137		137			2993	10	2983		
Pakistan	97792	61865	31173	4754	0	40000	40000				57792	21865	31173	4754	
Sri Lanka	4883	4870	13	0	0	11		11			4872	4870	2		
Total SAARC Region	1324129	1099866	185281	38982	0	242952	242404	548	0	0	1081177	857462	184733	38982	0

ELECTRICITY GENERATING BY-TYPE
(GIGA WATT-HOUR)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
THERMAL	611608	641985	665481	717639	775713	815456	881534	919401	948845	1006929	1099866
HYDRO	111731	119975	142662	159598	164663	157515	150185	163969	148919	159315	185281
GEO-THERMAL	3593	4704	2	2	2	9	11	60	101	156	
NUCLEAR	19540	19806	19818	21090	20034	16331	21530	29686	37552	37424	38982
TOTAL	746472	786470	827963	898329	960412	989311	1053260	1113116	1135417	1203825	1324129

UTILIZATION OF INSTALLED ELECTRIC GENERATING CAPACITY by type FOR 2003

(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	4955	3233	1722	0	0	0					4955	3233	1722		
Bangladesh	9466	4570	4896	0	0	0					9466	4570	4896		
Bhutan	5237	111	5126	0	0	0					5237	111	5126		
India	21389	9675	2550	6537	2627	4901	3664			1237	16488	6011	2550	6537	1390
Maldives	2878	2878	0	0	0	0					2878	2878			
Nepal	5744	73	5671	0	0	88		88			5656	73	5583		
Pakistan	14193	5043	5340	3810	0	800	800				13393	4243	5340	3810	
Sri Lanka	7581	3927	2654	0	1000	441	441				7140	3486	2654		1000
Total SAARC Region	71443	29510	27959	10347	3627	6230	4905	88	0	1237	65213	24605	27871	10347	2390

UTILIZATION OF INSTALLED ELECTRIC GENERATING CAPACITY by type FOR 2004

(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	5120	3583	1537	0	0	0					5120	3583	1537		
Bangladesh	9696	4366	5330	0	0	0					9696	4366	5330		
Bhutan	6112	222	5890	0	0	0					6112	222	5890		
India	21183	9799	2734	6141	2509	5090	3763			1327	16093	6036	2734	6141	1182
Maldives	3265	3265	0	0	0	0					3265	3265			
Nepal	6251	246	6005	0	0	94		94			6157	246	5911		
Pakistan	19268	9268	3950	6050	0	4667	4667				14601	4601	3950	6050	
Sri Lanka	7999	4688	2311	0	1000	507	507				7492	4181	2311		1000
Total SAARC Region	78894	35437	27757	12191	3509	10358	8937	94	0	1327	68536	26500	27663	12191	2182

UTILIZATION OF INSTALLED ELECTRIC GENERATING CAPACITY by type FOR 2005

(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	5413	6288	3723	0			2455	2143			5413	3833	1580		
Bangladesh	10225	10914	5622	0			6311				10225	4603	5622		
Bhutan	5239	222	5017	0							5239	222	5017		
India	13999	9129	3140	5159			3429				13999	5700	3140	5159	
Maldives	3776	3776	0	0							3776	3776			
Nepal	6603	175	6528	0				100			6603	175	6428		
Pakistan	14953	11594	4749	5377			6767				14953	4827	4749	5377	
Sri Lanka	7996	4658	2671	0							7996	4658	2671		667
Total SAARC Region	68204	46756	31450	10536	0	0	18962	2243	0	0	68204	27794	29207	10536	667

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	5862	4551	1311	0		1218	1218				4644	3333	1311		
Bangladesh	16194	10155	6039	0		4048	4048				12146	6107	6039		
Bhutan	3152	115	3037	0		0					3152	115	3037		
India	21068	9403	6844	4821		7236	3662	3574			13832	5741	3270	4821	
Maldives	3655	3655	0	0		0					3655	3655			
Nepal	7020	228	6792	0		166		166			6854	228	6626		
Pakistan	20231	10347	4932	4952		5875	5875				14356	4472	4932	4952	
Sri Lanka	8451	4261	3523	0		0					8451	4261	3523		667
Total SAARC Region	85633	42715	32478	9773	0	0	14803	3740	0	0	67090	27912	28738	9773	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	8169	4481	3688	0		2454	564	1890			5715	3917	1798		
Bangladesh	17661	11609	6052	0		5491	5491				12170	6118	6052		
Bhutan	4524	115	4409	0		0					4524	115	4409		
India	20123	9343	6664	4116		6973	3662	3311			13150	5681	3353	4116	
Maldives	4016	4016	0	0		0					4016	4016			
Nepal	7025	158	6867	0		204		204			6821	158	6663		
Pakistan	21445	10355	4430	6660		6051	6051				15394	4304	4430	6660	
Sri Lanka	8903	5259	2977	0		0					8903	5259	2977		667
Total SAARC Region	91866	45336	35087	10776	0	21173	15768	5405	0	0	70693	29568	29682	10776	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	7074	4188	2886	0		2288	855	1433			4786	3333	1453		
Bangladesh	17166	13036	4130	0		6767	6767				10399	6269	4130		
Bhutan	4701	23	4678	0		0					4701	23	4678		
India	20190	9329	7290	3571		7750	3553	4197			12440	5776	3093	3571	
Maldives	3733	3733	0	0		0					3733	3733			
Nepal	7069	158	6911	0		248		248			6821	158	6663		
Pakistan	17593	9804	4287	3502		5751	5751				11842	4053	4287	3502	
Sri Lanka	8593	4514	3079	0		0					8593	4514	3079		1000
Total SAARC Region	86119	44785	33261	7073	0	22804	16926	5878	0	0	63315	27859	27383	7073	1000

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	6060	1908	4152	0		2178	91	2087			3882	1817	2065		
Bangladesh	14553	12740	1813	0		5270	5270				9283	7470	1813		
Bhutan	4720	17	4703	0		0					4720	17	4703		
India	20043	9308	6648	4087		7375	3621	3754			12668	5687	2894	4087	
Maldives	3973	3973	0	0		0					3973	3973			
Nepal	7820	228	7592	0		271		271			7549	228	7321		
Pakistan	19787	9188	4335	6264		5168	5168				14619	4020	4335	6264	
Sri Lanka	8770	4621	2816	0		0					8770	4621	2816		1333
Total SAARC Region	85726	41983	32059	10351	0	20262	14150	6112	0	0	65464	27833	25947	10351	1333

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	6210	2091	4119	0		2178	91	2087			4032	2000	2032		
Bangladesh	17465	14295	3170	0		6597	6597				10868	7698	3170		
Bhutan	4984	59	4925	0		0					4984	59	4925		
India	20988	8698	6795	5495		7087	3333	3754			13901	5365	3041	5495	
Maldives	3325	3325	0	0		0					3325	3325			
Nepal	7892	53	7839	0		277		277			7615	53	7562		
Pakistan	16908	7654	4908	4346		4450	4450				12458	3204	4908	4346	
Sri Lanka	9315	3635	4074	0		0					9315	3635	4074		1606
Total SAARC Region	87087	39810	35830	9841	0	20589	14471	6118	0	0	66498	25339	29712	9841	1606

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	0		2304	91	2213			5749	2850	2899		
Bangladesh	17273	13482	3791	0		6747	6747				10526	6735	3791		
Bhutan	4773	24	4749	0		0					4773	24	4749		
India	21221	8057	6409	6755		7270	3516	3754			13951	4541	2655	6755	
Maldives	3513	3513	0	0		0					3513	3513			
Nepal	6235	57	6178	0		284		284			5951	57	5894		
Pakistan	18837	7797	4350	6690		4750	4750				14087	3047	4350	6690	
Sri Lanka	9841	4063	3264	0		0					9841	4063	3264		2514
Total SAARC Region	89746	39934	33853	13445	0	21355	15104	6251	0	0	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	8053	2941	5112	0		2304	91	2213			5749	2850	2899		
Bangladesh	17273	13482	3791	0		6747	6747				10526	6735	3791		
Bhutan	4773	24	4749	0		0					4773	24	4749		
India	21221	8057	6409	6755		7270	3516	3754			13951	4541	2655	6755	
Maldives	3513	3513	0	0		0					3513	3513			
Nepal	6235	57	6178	0		284		284			5951	57	5894		
Pakistan	18837	7797	4350	6690		4750	4750				14087	3047	4350	6690	
Sri Lanka	9841	4063	3264	0		0					9841	4063	3264		2514
Total SAARC Region	89746	39934	33853	13445	0	21355	15104	6251	0	0	68391	24830	27602	13445	2514

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	8053	2941	5112	0		2304	91	2213			5749	2850	2899		
Bangladesh	17273	13482	3791	0		6747	6747				10526	6735	3791		
Bhutan	4773	24	4749	0		0					4773	24	4749		
India	21221	8057	6409	6755		7270	3516	3754			13951	4541	2655	6755	
Maldives	3513	3513	0	0		0					3513	3513			
Nepal	6235	57	6178	0		284		284			5951	57	5894		
Pakistan	18837	7797	4350	6690		4750	4750				14087	3047	4350	6690	
Sri Lanka	9841	4063	3264	0		0					9841	4063	3264		2514
Total SAARC Region	89746	39934	33853	13445	0	21355	15104	6251	0	0	68391	24830	27602	13445	2514

Electricity Production, Trade and Supply for 2003
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	976	100		1076
Bangladesh	19170			19170
Bhutan	2200	24	1560	3784
India	633177	1748	58	634983
Maldives	141			141
Nepal	2267	150	206	2623
Pakistan	80830	73		80903
Sri Lanka	7711			7711
Total SAARC Region	746472	2095	1824	750391

Electricity Production, Trade and Supply for 2004
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	929	100		1029
Bangladesh	20820			20820
Bhutan	2529	19	1845	4393
India	665760	1735	40	667535
Maldives	160			160
Nepal	2416	241	111	2768
Pakistan	85698	109		85807
Sri Lanka	8158			8158
Total SAARC Region	786470	2204	1996	790670

Electricity Production, Trade and Supply for 2005
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	960	100		1060
Bangladesh	22006			22006
Bhutan	2355	21	1624	4000
India	697234	1763	209	699206
Maldives	185			185
Nepal	2622	202	133	2957
Pakistan	93832	146		93978
Sri Lanka	8769			8769
Total SAARC Region	827963	2232	1966	832161

Electricity Production, Trade and Supply for 2006
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	913	594		1507
Bangladesh	29879			29879
Bhutan	4521	11	3644	8176
India	752454	2957	216	755627
Maldives	212			212
Nepal	2748	329	77	3154
Pakistan	98213	171		98384
Sri Lanka	9389			9389
Total SAARC Region	898329	4062	3937	906328

Electricity Production, Trade and Supply for 2008
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	788	835		1623
Bangladesh	34319			34319
Bhutan	6961	17	5609	12587
India	842531	5899	327	848757
Maldives	280			280
Nepal	2812	356	46	3214
Pakistan	91616	227		91843
Sri Lanka	10003			10003
Total SAARC Region	989310	7334	5982	1002626

Electricity Production, Trade and Supply for 2009
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	889	957		1846
Bangladesh	37225			37225
Bhutan	6998	20	5352	12370
India	899389	5359	519	905267
Maldives	298			298
Nepal	3115	639	75	3829
Pakistan	95358	249		95607
Sri Lanka	9988			9988
Total SAARC Region	1053260	7224	5946	1066430

Electricity Production, Trade and Supply for 2011
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1005	2732		3737
Bangladesh	44061			44061
Bhutan	7068	20	5268	12356
India	973006	8441		981447
Maldives	274			274
Nepal	3312	721	31	4064
Pakistan	95090	274		95364
Sri Lanka	11600			11600
Total SAARC Region	1135416	12188	5299	1152903

Electricity Production, Trade and Supply for 2012
(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1022	3071		4093
Bangladesh	48562			48562
Bhutan	6827	37	4890	11754
India	1035264	5152		1040416
Maldives	297			297
Nepal	3543	793	4	4340
Pakistan	96126	375		96501
Sri Lanka	11897			11897
Total SAARC Region	1203538	9428	4894	1217860

Electricity Production, Trade and Supply for 2013

(Million KiloWatt-Hours)

	Production	Imports	Exports	Total Supply
Afghanistan	1042	3615.2		4657
Bangladesh	52894			52894
Bhutan	7641	108.19	5648	13397
India	1156464	5598		1162062
Maldives	313			313
Nepal	3130	1072	4	4206
Pakistan	97792	392		98184
Sri Lanka	12045			12045
Total SAARC Region	1331321	10785	5652	1347759

INSIDE BACK COVER

BLANK



SAARC Energy Centre

697, St. 43, E-11/4 (NPF), Islamabad, Pakistan

Tel: +(92 51) 222 2089. Fax: +(92 51) 222 1937

E-mail: info@saarcenergy.org

www.saarcenergy.org

ISSN:
2310-967X

SAARC ENERGY DATA BOOK 2003-2013

SEC
2016